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La Gazette

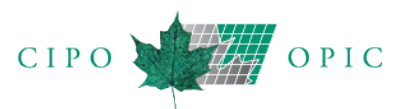
du Bureau des brevets



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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

Table of Contents

Table des matières

Notices	
Avis	1
Canadian Patents Issued	
Brevets canadiens délivrés	20
Canadian Applications Open to Public Inspection	
Demandes canadiennes mises à la disponibilité du public.....	113
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale	134
Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	231
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	236
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public	252
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	256
Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	273

Notices

Avis

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,602,789
2,606,911
2,636,239
2,637,046
2,659,038
2,666,425
2,732,744
2,792,009

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,602,789
2,606,911
2,636,239
2,637,046
2,659,038
2,666,425
2,732,744
2,792,009

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After March 31, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1799*
For each additional sheet over 30	\$20
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 31 mars 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1799 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$270

6. Preliminary examination fee (Rule 58) \$800

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 270 \$

6. Taxe d'examen préliminaire (Règle 58) 800 \$

* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$270 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$406 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- 135 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 270 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 406 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Québec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Québec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Notices

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

“Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

Avis

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
 - 2) **British Columbia:** 1st Monday in August (British Columbia Day)
 - 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
 - 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
 - 5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
 - 6) **Quebec:** June 24 (St. John the Baptist Day)
 - 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
 - 8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
 - 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
 - 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
 - 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
 - 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
 - 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
 - 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
 - 8) **Yukon :** 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

Notices

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d’agir en tant qu’agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l’article 15 de la *Loi sur les brevets* prévoit qu’un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l’article 2 des *Règles sur les brevets*, « agent de brevets » s’entend de toute personne ou maison d’affaires dont le nom est inscrit au registre des agents de brevets aux termes de l’article 15. L’alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l’article 33 de l’annexe II, le nom de **toute maison d’affaires dont le nom d’au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d’enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l’alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l’article 19 de l’annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d’au moins un membre est inscrit sur la liste à titre d’agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu’agents auprès des Bureaux, à condition que l’un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu’elles ont le droit d’agir en tant qu’agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifce C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
Édifce Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web](#) site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-EASY ou PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe and ePCT);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#);
- [ordering copies in paper, or electronic form of a document](#).

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called [PCT e-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark](#);
- [filing of a revised application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#);
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe et ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé [Dépôt en ligne de demandes PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [renouvellement de l'enregistrement d'une marque de commerce](#);
- [demande d'inscription d'un nom à la liste des agents de marques de commerce](#);
- [renouvellement annuel d'un agent de marques de commerce](#);
- [commande de copies de documents de marques de commerce](#);
- [dépôt d'une déclaration d'emploi](#);
- [l'enregistrement d'une marque de commerce](#);
- [dépôt d'une déclaration d'opposition](#); et
- [demande de prolongation de délai dans une procédure d'opposition](#).

Notices

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or communication signal](#);
- [Filing a grant of interest](#);
- [Request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#);
- [and](#)
- [general correspondence relating to copyrights](#).

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une oeuvre](#);
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#); et
- [correspondance générale relative aux droits d'auteur](#).

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

Topographies de circuits intégrés

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 6, 2015 contains applications open to public inspection from September 20, 2015 to September 26, 2015.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le [Centre de services à la clientèle de l'OPIC](#).

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 6 octobre 2015 contient les demandes disponibles au public pour consultation pour la période du 20 septembre 2015 au 26 septembre 2015.

Canadian Patents Issued

October 6, 2015

Brevets canadiens délivrés

6 octobre 2015

[11] **2,290,602**
[13] C

[51] **Int.Cl. C12N 15/18 (2006.01) A01N 43/04 (2006.01) A61K 31/70 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C07K 14/475 (2006.01) C07K 16/22 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2006.01) G01N 33/567 (2006.01) G01N 33/574 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **88KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS**

[54] **FACTEUR DE CROISSANCE TUMORIGENE ET ANTAGONISTES DE 88KDA**

[72] SERRERO, GINETTE, US

[73] A&G PHARMACEUTICAL, INC., US

[85] 1999-11-22

[86] 1998-05-22 (PCT/US1998/010555)

[87] (WO1998/052607)

[30] US (08/863,079) 1997-05-23

[30] US (08/991,862) 1997-12-16

[11] **2,315,790**
[13] C

[51] **Int.Cl. A61K 35/62 (2006.01) A61K 39/00 (2006.01) A61P 37/02 (2006.01) C12N 5/07 (2010.01)**

[25] EN

[54] **USE OF PARASITIC BIOLOGICAL AGENTS FOR PREVENTION AND CONTROL OF AUTOIMMUNE DISEASES**

[54] **UTILISATION D'AGENTS BIOLOGIQUES PARASITAIRES PERMETTANT DE PREVENIR ET DE LUTTER CONTRE LES MALADIES AUTO-IMMUNES**

[72] WEINSTOCK, JOEL V., US

[72] ELLIOTT, DAVID E., US

[73] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US

[85] 2000-06-16

[86] 1998-12-11 (PCT/US1998/026458)

[87] (WO1999/033479)

[30] US (60/070,147) 1997-12-31

[11] **2,425,356**
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4025 (2006.01) C07J 69/00 (2006.01) C07J 71/00 (2006.01) C07K 16/18 (2006.01) C07K 16/30 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **HEDGEHOG ANTAGONISTS, METHODS AND USES RELATED THERETO**

[54] **ANTAGONISTES HEDGEHOG, PROCEDES ET UTILISATIONS ASSOCIEES**

[72] DUDEK, HENRYK, US

[72] PEPICELLI, CARMEN, US

[72] KARAVANOV, IRINA, US

[73] CURIS, INC., US

[85] 2003-04-09

[86] 2001-10-15 (PCT/US2001/032100)

[87] (WO2002/030462)

[30] US (60/240,564) 2000-10-13

[11] **2,432,953**
[13] C

[51] **Int.Cl. A61C 13/00 (2006.01) A61C 1/08 (2006.01)**

[25] EN

[54] **METHOD, ARRANGEMENT AND PROGRAM FOR A PROSTHETIC INSTALLATION**

[54] **PROCEDE, SYSTEME ET PROGRAMME DESTINES A UNE INSTALLATION PROTHETIQUE**

[72] ANDERSSON, MATTS, SE

[72] BRAJNOVIC, IZIDOR, SE

[73] NOBEL BIOCARE SERVICES AG, CH

[85] 2003-06-23

[86] 2001-12-27 (PCT/SE2001/002898)

[87] (WO2002/053056)

[30] SE (0004884-3) 2000-12-29

[11] **2,433,968**
[13] C

[51] **Int.Cl. A61L 15/22 (2006.01) A61F 13/02 (2006.01) A61L 15/28 (2006.01) A61L 15/32 (2006.01) A61L 15/42 (2006.01) A61L 15/62 (2006.01) C08L 1/04 (2006.01) C08L 1/28 (2006.01) C08L 5/08 (2006.01)**

[25] EN

[54] **HEMOSTATIC WOUND DRESSING AND METHOD OF MAKING SAME**

[54] **PANSEMENT HEMOSTATIQUE ET METHODE DE FABRICATION DE CE PANSEMENT**

[72] GUO, JIAN XIN, US

[72] LOONEY, DWAYNE LEE, US

[72] ZHANG, GUANGHUI, US

[72] GORMAN, ANN JESSICA, US

[73] ETHICON, INC., US

[86] (2433968)

[87] (2433968)

[22] 2003-06-27

[30] US (10/186,021) 2002-06-28

[11] **2,451,589**
[13] C

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07H 21/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **BRASSICA PLANT RESISTANT TO THE FUNGUS LEPTOSPHERA MACULANS (BLACKLEG)**

[54] **BRASSICA RESISTANTE AU CHAMPIGNON LEPTOSPHERA MACULANS (CHARBON)**

[72] DIEDERICHSEN, ELKE, DE

[72] LAGA, BENJAMIN, BE

[72] BOTTERMAN, JOHAN, BE

[73] BAYER CROPS SCIENCE NV, BE

[86] (2451589)

[87] (2451589)

[22] 2003-12-30

[30] AU (2003271381) 2003-12-24

**Canadian Patents Issued
October 6, 2015**

[11] **2,464,974**
[13] C

[51] **Int.Cl. C10M 135/20 (2006.01) C10M 137/00 (2006.01) C10M 141/10 (2006.01)**

[25] EN

[54] **GEAR OIL HAVING LOW COPPER CORROSION PROPERTIES**

[54] **HUILE D'ENGRENAGES AYANT DES PROPRIETES PERMETTANT UNE FAIBLE CORROSION DU CUIVRE**

[72] BUITRAGO, JUAN A., US

[73] CHEVRON ORONITE COMPANY LLC, US

[86] (2464974)

[87] (2464974)

[22] 2004-04-21

[30] US (10/423,641) 2003-04-25

[11] **2,468,171**
[13] C

[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/071 (2010.01) C12N 5/073 (2010.01) C12N 5/0735 (2010.01) A61K 35/545 (2015.01) C12N 1/04 (2006.01)**

[25] EN

[54] **METHODS OF ISOLATION, EXPANSION AND DIFFERENTIATION OF FETAL STEM CELLS FROM CHORIONIC VILLUS, AMNIOTIC FLUID, AND PLACENTA AND THERAPEUTIC USES THEREOF**

[54] **TECHNIQUES D'ISOLATION, DE DEVELOPPEMENT ET DE DIFFERENCIATION DE CELLULES SOUCHES PROVENANT DE VILLOSITES CHORIALES, DE LIQUIDE AMNIOTIQUE AINSI QUE DE PLACENTA ET APPLICATIONS THERAPEUTIQUES**

[72] ATALA, ANTHONY, US

[72] DECOPPI, PAOLO, IT

[73] CHILDREN'S MEDICAL CENTER CORPORATION, US

[85] 2004-04-30

[86] 2002-11-15 (PCT/US2002/036966)

[87] (WO2003/042405)

[30] US (60/335,878) 2001-11-15

[30] US (60/356,295) 2002-02-13

[11] **2,473,321**
[13] C

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/295 (2006.01) C07K 14/18 (2006.01) C12N 7/02 (2006.01) C12N 7/04 (2006.01)**

[25] EN

[54] **FLAVIVIRUS VACCINES**

[54] **VACCINS CONTRE LES FLAVIVIRUS**

[72] MONATH, THOMAS P., US

[72] GUIRAKHOO, FARSHAD, US

[72] ARROYO, JUAN, US

[72] PUGACHEV, KONSTANTIN, US

[73] SANOFI PASTEUR BIOLOGICS CO., US

[85] 2004-07-12

[86] 2003-01-15 (PCT/US2003/001214)

[87] (WO2003/103571)

[30] US (60/348,949) 2002-01-15

[30] US (60/385,281) 2002-05-31

[11] **2,480,008**
[13] C

[51] **Int.Cl. A61K 38/00 (2006.01) A01K 43/04 (2006.01) A61K 31/70 (2006.01) A61K 39/00 (2006.01) C07K 1/00 (2006.01) C07K 2/00 (2006.01) C07K 4/00 (2006.01) C07K 7/00 (2006.01) C07K 14/00 (2006.01) C07K 14/715 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 17/00 (2006.01)**

[25] EN

[54] **USE OF IL-13 RECEPTOR SUBUNIT ALPHA 2 AS AN ANTI-CANCER VACCINE**

[54] **UTILISATION DE LA SOUS-UNITE ALPHA 2 DU RECEPTEUR IL-13 COMME VACCIN ANTI-CANCER**

[72] DEBINSKI, WALDEMAR, US

[72] CHRISTENSEN, NEIL, US

[72] MINTZ, AKIVA, US

[73] THE PENN STATE RESEARCH FOUNDATION, US

[85] 2004-09-20

[86] 2002-03-22 (PCT/US2002/008983)

[87] (WO2003/092717)

[11] **2,481,186**
[13] C

[51] **Int.Cl. C12N 15/31 (2006.01) A61K 38/16 (2006.01) A61K 39/102 (2006.01) C07K 14/285 (2006.01) C07K 16/12 (2006.01) C12N 1/21 (2006.01) C12Q 1/68 (2006.01) G01N 33/569 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **ATTENUATED GRAM NEGATIVE BACTERIA**

[54] **BACTERIES GRAM NEGATIVES ATTENUÉES**

[72] CROOKE, HELEN RACHEL, GB

[72] SHEA, JACQUELINE ELIZABETH, GB

[72] FELDMAN, ROBERT GRAHAM, GB

[72] GOUTEBROZE, SYLVAIN GABRIEL, FR

[72] LE GROS, FRANCOIS-XAVIER, FR

[73] MERIAL LLC, US

[85] 2004-10-04

[86] 2003-04-04 (PCT/US2003/010308)

[87] (WO2003/086277)

[30] US (60/370,282) 2002-04-05

[30] US (10/406,686) 2003-04-03

[11] **2,483,610**
[13] C

[51] **Int.Cl. H04L 27/00 (2006.01) H04L 25/03 (2006.01)**

[25] EN

[54] **HIGH BANDWIDTH DATA TRANSPORT SYSTEM**

[54] **SYSTEME DE TRANSPORT DE DONNEES A LARGE BANDE PASSANTE**

[72] MELICK, BRUCE D., US

[72] SNYDER, DAVID M., US

[72] BAYCH, LESLIE D., US

[72] PROBST, GREGORY P., US

[72] KENNEDY, PHILIP T., US

[73] LIGHTWAVES SYSTEMS, INC., US

[85] 2004-10-28

[86] 2003-04-30 (PCT/US2003/013818)

[87] (WO2003/094461)

[30] US (60/376,952) 2002-04-30

[30] US (09/698,793) 2003-01-20

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[11] **2,484,897**
[13] C

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/7088 (2006.01) A61K 38/20 (2006.01) A61K 45/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/566 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **SOLUBLE ST2 AS A CARDIOVASCULAR DISEASE MARKER AND THERAPEUTIC TARGET**

[54] **ST2 SOLUBLE EN TANT QUE MARQUEUR DE MALADIE CARDIOVASCULAIRE ET CIBLE THERAPEUTIQUE**

[72] LEE, RICHARD T., US

[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US

[85] 2004-11-05

[86] 2003-05-09 (PCT/US2003/014882)

[87] (WO2003/094856)

[30] US (60/379,173) 2002-05-09

[11] **2,490,399**
[13] C

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/12 (2006.01) C12P 21/08 (2006.01) G01N 33/574 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **NOVEL RAAG10 CELL SURFACE TARGET AND A FAMILY OF ANTIBODIES RECOGNIZING THAT TARGET**

[54] **CIBLE DE SURFACE CELLULAIRE RAAG10 ET FAMILLE D'ANTICORPS RECONNAISSANT CETTE CIBLE**

[72] MATHER, JENNIE P., US

[72] LI, RONG-HAO, US

[72] PAN, ZHUANGYU, US

[72] ROBERTS, PENELOPE E., US

[73] RAVEN BIOTECHNOLOGIES, INC., US

[85] 2004-12-15

[86] 2003-06-19 (PCT/US2003/019819)

[87] (WO2004/001381)

[30] US (60/390,203) 2002-06-19

[11] **2,491,310**
[13] C

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/12 (2006.01) A61K 47/48 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C07K 17/00 (2006.01) C07K 19/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/44 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING CELL-IMPERMEANT DURAMYCIN DERIVATIVES**

[54] **COMPOSITIONS COMPRENANT DES DERIVES DE LA DURAMYCINE IMPERMEANTS VIS-A-VIS DES PAROIS CELLULAIRES**

[72] THORPE, PHILIP E., US

[72] SOARES, MELINA M., US

[72] HE, JIN, US

[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2004-12-30

[86] 2003-07-15 (PCT/US2003/021925)

[87] (WO2004/006847)

[30] US (60/396,263) 2002-07-15

[11] **2,501,144**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C07D 279/16 (2006.01) C09B 23/04 (2006.01) C12P 19/34 (2006.01)**

[25] EN

[54] **AMPLICON MELTING ANALYSIS WITH SATURATION DYES**

[54] **ANALYSE DE FUSION PAR AMPLICON AVEC COLORANTS DE SATURATION**

[72] WITTEWER, CARL T., US

[72] DUJOLS, VIRGINIE E., US

[72] REED, GUDRUN, US

[72] ZHOU, LUMING, US

[73] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US

[73] IDAHO TECHNOLOGY, INC., US

[85] 2005-04-01

[86] 2003-10-22 (PCT/US2003/033429)

[87] (WO2004/038038)

[30] US (60/420,717) 2002-10-23

[30] US (60/439,978) 2003-01-14

[11] **2,502,663**
[13] C

[51] **Int.Cl. A61K 38/00 (2006.01) A61K 39/395 (2006.01) C07K 16/22 (2006.01)**

[25] EN

[54] **METHODS TO PREVENT TUMOR RECURRENCE BY BLOCKADE OF TGF-.BETA.**

[54] **METHODES POUVANT EMPECHER LA RECURRENCE D'UNE TUMEUR PAR BLOCAGE DE TGF-.BETA.**

[72] BERZOFKY, JAY A., US

[72] TERABE, MASAKI, US

[72] MATSUI, SO, JP

[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US

[85] 2005-04-18

[86] 2003-10-24 (PCT/US2003/034023)

[87] (WO2004/037209)

[30] US (60/421,286) 2002-10-25

[11] **2,507,119**
[13] C

[51] **Int.Cl. H04W 12/06 (2009.01) H04W 76/02 (2009.01) H04L 9/14 (2006.01) H04L 9/32 (2006.01) H04L 12/66 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **802.11 USING A COMPRESSED REASSOCIATION EXCHANGE TO FACILITATE FAST HANDOFF**

[54] **802.11 UTILISANT UN ECHANGE PAR REASSOCIATION COMPRESSE POUR FACILITER LE TRANSFERT INTERCELLULAIRE RAPIDE**

[72] MEIER, ROBERT, US

[72] REBO, RICHARD D., US

[72] GRISWOLD, VICTOR J., US

[72] CAM WINGET, NANCY, US

[72] SMITH, DOUGLAS A., CA

[73] CISCO TECHNOLOGY, INC., US

[85] 2005-05-25

[86] 2003-11-13 (PCT/US2003/036061)

[87] (WO2004/049740)

[30] US (60/429,714) 2002-11-26

[30] US (60/439,419) 2003-01-10

[30] US (10/417,653) 2003-04-17

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[11] **2,508,933**
[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **METHOD, SYSTEM, AND APPARATUS FOR EXPOSING WORKBOOK RANGES AS DATA SOURCES**

[54] **METHODE, SYSTEME ET APPAREIL PERMETTANT D'EXPOSER DES CHAMPS DE CLASSEUR COMME SOURCES DE DONNEES**

[72] NETZ, AMIR, US

[72] PETCULESCU, CRISTIAN, US

[72] BATTAGIN, DANIEL C., US

[72] MEGIDDO, ERAN, US

[72] ASNASH, LIVIU, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[86] (2508933)

[87] (2508933)

[22] 2005-05-31

[30] US (10/858,175) 2004-06-01

[11] **2,512,102**
[13] C

[51] **Int.Cl. G06F 3/14 (2006.01)**

[25] EN

[54] **AN IMPROVED USER INTERFACE FOR DISPLAYING SELECTABLE SOFTWARE FUNCTIONALITY CONTROLS THAT ARE CONTEXTUALLY RELEVANT TO A SELECTED OBJECT**

[54] **INTERFACE UTILISATEUR AMELIOREE POUR L'AFFICHAGE DE COMMANDES DE FONCTIONNALITES LOGICIELLES CONTEXTUELLES SELECTIONNABLES POUR UN OBJET SELECTIONNE**

[72] RADTKE, ROLAND, US

[72] BUTCHER, AARON M., US

[72] HARRIS, JENSEN M., US

[72] MORROW, CATHERINE R., US

[72] SATTERFIELD, JESSE CLAY, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[86] (2512102)

[87] (2512102)

[22] 2005-07-13

[30] US (10/955,940) 2004-09-30

[30] US (60/601,815) 2004-08-16

[11] **2,515,684**
[13] C

[51] **Int.Cl. C12N 15/53 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07H 21/00 (2006.01) C12N 15/29 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **ALTERED FAD2 AND FAD3 GENES IN BRASSICA AND THE MOLECULAR MARKER-ASSISTED DETECTION THEREOF**

[54] **GENES FAD2 ET FAD3 MODIFIES DANS BRASSICA ET DETECTION MOLECULAIRE ASSOCIEE ASSISTEE PAR MARQUEURS**

[72] HU, XUEYI, US

[72] SULLIVAN-GILBERT, MANDY LYNNE, US

[72] GUPTA, MANJU, US

[72] THOMPSON, STEVEN ARNOLD, US

[73] DOW AGROSCIENCES LCC, US

[85] 2005-08-10

[86] 2004-02-11 (PCT/US2004/003852)

[87] (WO2004/072259)

[30] US (60/446,429) 2003-02-11

[11] **2,523,394**
[13] C

[51] **Int.Cl. G06F 21/10 (2013.01) H04W 4/12 (2009.01) H04W 8/26 (2009.01)**

[25] EN

[54] **SYSTEM AND METHOD OF DISTRIBUTED LICENSE MANAGEMENT**

[54] **SYSTEME ET METHODE DE GESTION DES LICENCES REPARTIE**

[72] HODUL, RASTISLAV, CA

[73] PSION INC., CA

[86] (2523394)

[87] (2523394)

[22] 2005-10-14

[11] **2,526,799**
[13] C

[51] **Int.Cl. G06K 9/62 (2006.01) G06K 9/72 (2006.01)**

[25] EN

[54] **ANALYSIS ALTERNATES IN CONTEXT TREES**

[54] **ANALYSES DE RECHANGE DANS DES ARBORESCENCES CONTEXTUELLES**

[72] WAKEAM, JAMIE N., US

[72] TURNER, JEROME J., US

[72] DUNCAN, RICHARD J., US

[72] BHATTACHARYAY, SUBHA, US

[72] KANNAPEL, TIMOTHY H., US

[72] SZILAGYI, ZOLTAN C., US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[86] (2526799)

[87] (2526799)

[22] 2005-11-10

[30] US (10/986,160) 2004-11-12

[11] **2,526,967**
[13] C

[51] **Int.Cl. H01F 1/44 (2006.01) A61K 49/18 (2006.01) H01F 1/00 (2006.01)**

[25] FR

[54] **FERROFLUIDS STABLE IN NEUTRAL MEDIA AND FERROFLUIDS MODIFIED OBTAINED BY MODIFYING THE MODIFYING OF SURFACE PARTICLES OF THESE FERROFLUIDS**

[54] **FERROFLUIDES STABLES EN MILIEU NEUTRE ET FERROFLUIDES MODIFIES OBTENUS PAR MODIFICATION DE LA SURFACE DES PARTICULES DE CES FERROFLUIDES**

[72] DUGUET, ETIENNE, FR

[72] MORNET, STEPHANE, FR

[72] PORTIER, JOSEPH, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR

[85] 2005-11-22

[86] 2004-05-13 (PCT/FR2004/001169)

[87] (WO2004/107368)

[30] FR (03/06279) 2003-05-23

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6 octobre 2015**

[11] **2,530,184**
[13] C

[51] **Int.Cl. C12Q 1/02 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C12N 15/00 (2006.01) G01N 15/14 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **METHOD OF SELECTING PATIENTS SUITABLE FOR WT1 VACCINE**

[54] **METHODE DE SELECTION DES PATIENTS CANDIDATS AU VACCIN WT1**

[72] SUGIYAMA, HARUO, JP

[73] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP

[85] 2005-12-20

[86] 2004-06-25 (PCT/JP2004/009378)

[87] (WO2005/001117)

[30] JP (2003-184436) 2003-06-27

[30] JP (2004-070497) 2004-03-12

[11] **2,530,523**
[13] C

[51] **Int.Cl. A61M 16/00 (2006.01) A62B 1/00 (2006.01) A62B 9/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING A BREATHING GAS**

[54] **SYSTEME ET PROCEDE DE FOURNITURE DE GAZ RESPIRATOIRE**

[72] MORRIS, MAKE, US

[72] FLOLID, GREGORY WILLIAM, US

[72] CURRAN, NEAL JOSEPH, US

[73] INVACARE CORPORATION, US

[85] 2005-12-22

[86] 2004-03-10 (PCT/US2004/007170)

[87] (WO2005/004780)

[30] US (10/601,720) 2003-06-23

[11] **2,535,344**
[13] C

[51] **Int.Cl. B32B 27/34 (2006.01) B29C 47/00 (2006.01) B29C 47/06 (2006.01) B29D 23/00 (2006.01) B32B 1/08 (2006.01) B60K 15/01 (2006.01) F16L 9/12 (2006.01) F16L 11/04 (2006.01)**

[25] EN

[54] **IMPACT-MODIFIED POLYAMIDE HOLLOW BODY**

[54] **CORPS CREUX EN POLYAMIDE ANTICHOE**

[72] BERSTED, BRUCE, US

[72] DOTY, JAMES, US

[72] DE CANNIERE, JEAN, BE

[72] DEHENNAU, CLAUDE, BE

[72] WARKOSKI, GREGORY, US

[72] BUSHELMAN, CORINNE, US

[72] BILLIET, JOHAN, BE

[73] SOLVAY ADVANCED POLYMERS, L.L.C., US

[85] 2006-02-09

[86] 2004-08-17 (PCT/US2004/024383)

[87] (WO2005/018891)

[30] US (60/496,011) 2003-08-19

[11] **2,538,776**
[13] C

[51] **Int.Cl. G07F 17/32 (2006.01)**

[25] EN

[54] **THREE-DIMENSIONAL AUTOSTEREOSCOPIC IMAGE DISPLAY FOR A GAMING APPARATUS**

[54] **AFFICHAGE D'IMAGES AUTOSTEREOSCOPIQUE TRIDIMENSIONNEL POUR APPAREIL DE JEU**

[72] WILDER, RICHARD L., US

[72] MATTICE, HAROLD E., US

[72] GRISWOLD, CHAUNCEY W., US

[73] IGT, US

[85] 2006-03-10

[86] 2004-08-31 (PCT/US2004/028184)

[87] (WO2005/034054)

[30] US (10/661,983) 2003-09-12

[11] **2,540,462**
[13] C

[51] **Int.Cl. E05B 49/00 (2006.01) E05B 81/04 (2014.01)**

[25] EN

[54] **VEHICLE ELECTRONIC KEY SYSTEM**

[54] **SYSTEME DE CLE ELECTRONIQUE DE VEHICULE**

[72] KONNO, TAKESHI, JP

[73] HONDA MOTOR CO., LTD., JP

[86] (2540462)

[87] (2540462)

[22] 2006-03-20

[30] JP (2005-128355) 2005-04-26

[11] **2,541,619**
[13] C

[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 3/14 (2006.01) G06F 15/02 (2006.01)**

[25] EN

[54] **FREE BUSY CALENDAR INTERFACE**

[54] **INTERFACE DE CALENDRIER INOCCUPE OU OCCUPE**

[72] MAY, DARRELL, CA

[73] BLACKBERRY LIMITED, CA

[86] (2541619)

[87] (2541619)

[22] 2006-04-03

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[11] **2,549,606**
[13] C

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01)**

[25] EN

[54] **IMIDAZO[4,5-C]PYRIDINE COMPOUNDS AND METHODS OF ANTIVIRAL TREATMENT**

[54] **COMPOSES D'IMIDAZO[4,5-C]PYRIDINE ET METHODES DE TRAITEMENT ANTIVIRAL**

[72] PUERSTINGER, GERHARD, AT

[72] BONDY, STEVEN S., US

[72] DOWDY, ERIC DAVIS, US

[72] KIM, CHOUNG U., US

[72] OARE, DAVID A., US

[72] NEYTS, JOHAN, BE

[72] ZIA, VAHID, US

[73] K.U. LEUVEN RESEARCH & DEVELOPMENT, BE

[73] GILEAD SCIENCES, INC., US

[73] PUERSTINGER, GERHARD, AT

[85] 2006-06-13

[86] 2004-12-21 (PCT/US2004/043112)

[87] (WO2005/063744)

[30] US (60/532,292) 2003-12-22

[30] US (60/533,963) 2004-01-02

[30] US (60/591,069) 2004-07-26

[30] US (60/591,024) 2004-07-26

[30] US (60/590,989) 2004-07-26

[30] US (60/590,990) 2004-07-26

[11] **2,552,448**
[13] C

[51] **Int.Cl. F16B 35/00 (2006.01) B25B 31/00 (2006.01) F16B 35/04 (2006.01) F16B 43/00 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN RELATION TO BLIND BOLTING**

[54] **AMELIORATIONS CONCERNANT LE BOULONNAGE AVEUGLE**

[72] FERNANDO, SAMAN, AU

[72] WANG, JIANWEN, AU

[72] COLEMAN, HUGH RICHARD, AU

[73] GEF HOLDINGS PTY LTD, AU

[86] (2552448)

[87] (2552448)

[22] 2006-07-17

[11] **2,555,962**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12M 1/34 (2006.01) C40B 20/00 (2006.01) C40B 40/06 (2006.01) C40B 60/10 (2006.01) C40B 30/04 (2006.01)**

[25] EN

[54] **RANDOM ARRAY DNA ANALYSIS BY HYBRIDIZATION**

[54] **ANALYSE DE RESEAU D'ADN ALEATOIRE PAR HYBRIDATION**

[72] DRMANAC, RADOJE T., US

[73] CALLIDA GENOMICS, INC., US

[85] 2006-08-21

[86] 2004-02-26 (PCT/US2004/006022)

[87] (WO2004/076683)

[30] US (60/450,566) 2003-02-26

[11] **2,559,826**
[13] C

[51] **Int.Cl. A61K 36/537 (2006.01) A61K 31/045 (2006.01) A61K 31/192 (2006.01) A61K 31/215 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **TRADITIONAL CHINESE MEDICINE PREPARATION FOR CARDIO-CEREBRAL BLOOD VESSEL DISEASES AND ITS PREPARING METHOD**

[54] **PREPARATION MEDICALE CHINOISE TRADITIONNELLE POUR DES MALADIES DE VAISSEAUX SANGUINS CARDIAQUES/CEREBRAUX ET SA METHODE DE PREPARATION**

[72] CHENG, YIYU, CN

[72] ZHANG, HAIJIANG, CN

[72] YE, ZHENGLIANG, CN

[73] TASLY PHARMACEUTICAL GROUP CO., LTD., CN

[85] 2006-09-14

[86] 2005-03-17 (PCT/CN2005/000333)

[87] (WO2005/087242)

[30] CN (200410018758.4) 2004-03-17

[11] **2,560,831**
[13] C

[51] **Int.Cl. B01J 19/00 (2006.01) C23C 10/50 (2006.01) C23C 16/04 (2006.01)**

[25] EN

[54] **PROTECTED ALLOY SURFACES IN MICROCHANNEL APPARATUS AND CATALYSTS, ALUMINA SUPPORTED CATALYSTS, CATALYST INTERMEDIATES, AND METHODS OF FORMING CATALYSTS AND MICROCHANNEL APPARATUS**

[54] **SURFACES PROTEGEES EN ALLIAGE DANS UN APPAREIL A MICROCANAL ET CATALYSEURS, CATALYSEURS SUPPORTES SUR ALUMINE, INTERMEDIAIRES CATALYTIQUES ET PROCEDES DE FORMATION DE CATALYSEURSET APPAREIL A MICROCANAL**

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[72] DALY, FRANCIS P., US

[72] IDA, JUNKO M., US

[72] MAZANEC, TERRY, US

[72] FITZGERALD, SEAN P., US

[72] JOHNSON, BRADLEY R., US

[72] LI, XIAOHONG, US

[72] CAO, CHUNSHE, US

[72] CHIN, YA-HUEI, US

[72] TONKOVICH, ANNA LEE, US

[72] ARORA, RAVI, US

[72] HESSE, DAVID J., US

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[54] **METHOD AND DEVICE FOR RECORDING PROCESS PARAMETERS OF REACTION FLUIDS IN SEVERAL AGITATED MICROREACTORS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ENREGISTRER DES PARAMETRES DE PROCESSUS DE LIQUIDES REACTIONNELS DANS PLUSIEURS MICROREACTEURS AGITES**
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[72] KENSY, FRANK, DE
[72] SAMORSKI, MARKUS, DE
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[72] BIANCHI, ELISABETTA, IT
[72] PESSI, ANTONELLO, IT
[72] GELEZIUNAS, ROMAS, US
[72] BRAMHILL, DAVID, US
[73] MERCK SHARP & DOHME CORP., US
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[73] TYGARD MACHINE & MANUFACTURING COMPANY, US
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[25] EN
[54] **ARYL-AND HETEROARYL-SUBSTITUTED TETRAHYDROISOQUINOLINES AND USE THEREOF TO BLOCK REUPTAKE OF NOREPINEPHRINE, DOPAMINE, AND SEROTONIN**
[54] **TETRAHYDROISOQUINOLINES A SUBSTITUTION ARYLE ET HETEROARYLE ET LEUR UTILISATION POUR BLOQUER LE RECAPTAGE DE LA NOREPINEPHRINE, LA DOPAMINE ET LA SEROTONINE**
[72] MOLINO, BRUCE F., US
[72] LIU, SHUANG, US
[72] BERKOWITZ, BARRY A., US
[72] GUZZO, PETER R., US
[72] BECK, JAMES P., US
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[54] **METHOD AND SYSTEM FOR CONTROLLING DELIVERY OF ENERGY TO DIVIDE TISSUE**
[54] **METHODE ET SYSTEME PERMETTANT DE COMMANDER LA PRODUCTION D'ENERGIE SERVANT A SEPARER DES TISSUS**
[72] COUTURE, GARY M., US
[72] JOHNSON, KRISTIN D., US
[72] SHARP, ROBERT, US
[72] UNGER, JEFF, US
[72] WEINBERG, CRAIG, US
[72] WHAM, ROBERT H., US
[73] SHERWOOD SERVICES AG, CH
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[54] **SYSTEM AND METHOD FOR SPECTRAL LOADING AN OPTICAL TRANSMISSION SYSTEM**
[54] **SYSTEME ET PROCEDE DE CHARGEMENT SPECTRAL D'UN SYSTEME DE TRANSMISSION**
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[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US
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[25] EN
[54] **LYSIS/RESEALING PROCESS AND DEVICE FOR INCORPORATING AN ACTIVE INGREDIENT, IN PARTICULAR ASPARAGINASE OR INOSITOL HEXAPHOSPHATE, IN ERYTHROCYTES**
[54] **PROCEDE DE LYSE/RESCHELEMENT ET DISPOSITIF PERMETTANT D'INCORPORER UN INGREDIENT ACTIF, EN PARTICULIER DE L'ASPARAGINASE OU DE L'INOSITOL HEXAPHOSPHATE, DANS DES GLOBULES ROUGES**
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[54] **LONIDAMINE ANALOGUES AND THEIR USE IN MALE CONTRACEPTION AND CANCER TREATMENT**
[54] **ANALOGUES DE LONIDAMINE ET LEUR UTILISATION DANS LA CONTRACEPTION MASCULINE ET DANS LE TRAITEMENT DU CANCER**
[72] GEORG, I. GUNDA, US
[72] TASH, JOSEPH S., US
[72] CHAKRASALI, RAMAPPA, US
[72] JAKKARAJ, SUDHAKAR RAO, US
[73] UNIVERSITY OF KANSAS, US
[73] UNIVERSITY OF KANSAS MEDICAL CENTER, US
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[25] EN
[54] **BIODEGRADABLE DIBLOCK COPOLYMERS HAVING REVERSE THERMAL GELATION PROPERTIES AND METHODS OF USE THEREOF**
[54] **COPOLYMERES DIBLOCS BIODEGRADABLES A PROPRIETES DE GELIFICATION THERMIQUE INVERSEE ET LEURS PROCEDES D'UTILISATION**
[72] JO, SEONGBONG, US
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[73] PROTHERICS SALT LAKE CITY, INC., US
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[54] **COMPOSITIONS AND METHODS FOR ACTIVATING PROTEIN SYNTHESIS AND DEACTIVATING CATABOLIC PROCESSES IN SKELETAL MUSCLE**
[54] **COMPOSITIONS ET METHODES D'ACTIVATION DE SYNTHESE DE PROTEINES ET DE DESACTIVATION DE PROCESSUS CATABOLIQUES DANS LE MUSCLE SQUELETTIQUE**
[72] HEUER, MARVIN A., CA
[73] NORTHERN INNOVATIONS HOLDING CORP., CA
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPORTANT DE L'ACIDE 4-(4-(3-(4-CHLORO-3-TRIFLUOROMETHYL-PHENYLE)-UREIDO)-3-FLUORO-PHENOXY)-PYRIDINE-2-CARBOXYLIQUE**
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[72] ZULEGER, SUSANNE, DE
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[54] **EXPANDABLE RAMP GRIPPER**
[54] **TAQUET EXPANSIBLE DE RAMPE**
[72] MOCK, PHILLIP W., US
[73] WWT NORTH AMERICA HOLDINGS, INC., US
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[11] **2,582,807**

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[54] **METHODE DE FABRICATION D'UNE PIECE MOULEE**
[72] WACKER, MARCO, DE
[72] RUSS, JOERG, DE
[73] HBW-GUBESCH THERMOFORMING GMBH, DE
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[54] **SUTURE MARQUEE**
[72] ZWOLINSKI, ANDREW M., US
[72] ORTIZ, MARK S., US
[72] STOKES, MICHAEL J., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2582838)
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[54] **PHYTASE PROVENANT DE BUTTIAUXELLA SP.**
[72] MIASNIKOV, ANDREI, FI
[72] KUMAR, VIJAY, FI
[72] KENSCH, OLIVER, DE
[72] PELLENGAHR, KLAUS, DE
[72] LEUTHNER, BIRGITTA, DE
[72] KETTLING, ULRICH, DE
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[25] EN
[54] **PIF PEPTIDES BIOLOGIC ACTIVITIES, SITE OF ACTION, AND THE ANTIBODY TO DETECT PIF**
[54] **ACTIVITES BIOLOGIQUES DE PEPTIDES PIF, SITE D'ACTION, ET ANTICORPS POUR DETECTER PIF**
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[73] BIOINCEPT, LLC, US
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[54] **ACTUATING A SECURITY SYSTEM USING A WIRELESS DEVICE**
[54] **ACTIONNEMENT D'UN SYSTEME DE SECURITE A L'AIDE D'UN DISPOSITIF SANS FIL**
[72] LIBIN, PHIL, US
[73] ASSA ABLOY AB, SE
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[54] **SYSTEMS AND METHODS FOR SYNCHRONIZING AUDIO AND VIDEO DATA SIGNALS**
[54] **SYSTEMES ET METHODES DE SYNCHRONISATION DE DONNEES AUDIO ET VIDEO**
[72] PLAUNT, ALAN, CA
[73] EVERTZ MICROSYSTEMS LTD., CA
[86] (2585946)
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[54] **FAULT TOLERANT POWER SYSTEM ARCHITECTURE FOR FLUID FLOW MEASUREMENT SYSTEMS**

[54] **ARCHITECTURE D'ALIMENTATION INSENSIBLE AUX DEFAILLANCES POUR SYSTEMES DE MESURE DE DEBIT DE FLUIDE**

[72] GUTIERREZ, FRANCISCO M., US

[72] DIAZ, DANIEL J., US

[72] HAIRSTON, RONALD JAMES, US

[73] DRESSER, INC., US

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[54] **MAGNESIUM ALLOYS FOR HYDROGEN STORAGE**

[54] **ALLIAGES DE MAGNESIUM POUR LE STOCKAGE D'HYDROGENE**

[72] DAHLE, ARNE KRISTIAN, AU

[72] NOGITA, KAZUHIRO, AU

[73] HYDREXIA PTY LIMITED, AU

[85] 2007-05-18

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[54] **OPTICAL FIBER CABLE TAKE-UP MECHANISM FOR SCANNING SENSORS**

[54] **MECANISME D'ACHEMINEMENT DE CABLES A FIBRES OPTIQUES DESTINE A DES CAPTEURS DE BALAYAGE**

[72] BESELT, RONALD, CA

[72] DOS SANTOS, ULYSSE S., CA

[72] HARJUA, JOHN A., CA

[72] HARAN, FRANK M., CA

[73] HONEYWELL INTERNATIONAL INC., US

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[54] **RADIOLABELLED CONJUGATES OF RGD-CONTAINING PEPTIDES AND METHODS FOR THEIR PREPARATION VIA CLICK-CHEMISTRY**

[54] **CONJUGUES RADIOMARQUES DE PEPTIDES RENFERMANT RGD ET PROCEDES DE LEUR PREPARATION PAR CHIMIE CLICK**

[72] ARSTAD, ERIK, GB

[72] GLASER, MATTHIAS EBERHARD, GB

[73] HAMMERSMITH IMANET LIMITED, GB

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[54] **TACTICAL FLEXIBLE FIBRE OPTIC SPLICE ENCLOSURE AND METHOD OF INSTALLATION**

[54] **MANCHON D'EPISSAGE SOUPLE TACTIQUE DE FIBRES OPTIQUES ET METHODE DE REALISATION**

[72] MARTIN, ERIC, CA

[73] DAFOCOM SOLUTIONS INC., CA

[86] (2590758)

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[30] CA (2,549,538) 2006-06-07

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[54] **IN-SITU SALT REMEDIATION AND GROUND HEATING TECHNOLOGY**

[54] **MESURE CORRECTIVE IN SITU APPLICABLE AU SEL ET TECHNOLOGIE DE CHAUFFAGE DU SOL**

[72] FRISKY, SEAN, CA

[72] WOLENSKY, JOEL, CA

[72] BEAUDIN, JASON, CA

[72] LEE, JUSTIN, CA

[72] CHURKO, RICK, CA

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[73] GROUND EFFECTS ENVIRONMENTAL SERVICES INC., CA

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[54] **MICROBIOCIDAL CONTROL IN THE PROCESSING OF MEAT-PRODUCING FOUR-LEGGED ANIMALS**

[54] **LUTTE MICROBICIDE POUR LA TRANSFORMATION D'ANIMAUX QUADRUPEDES D'ABATTAGE**

[72] MCNAUGHTON, JAMES L., US

[72] LIHMATTA, ERIC W., US

[73] ALBEMARLE CORPORATION, US

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[54] **LIGHT WEIGHT FOLDABLE AND CUSTOMIZABLE WHEELCHAIR**

[54] **FAUTEUIL ROULANT LEGER PLIABLE ET PERSONNALISABLE**

[72] GINGRAS, DAVID, CA

[72] SIMONEAU, ERIC, CA

[72] COUTURE, PIERRE-ANDRE, CA

[73] MOTION COMPOSITES INC., CA

[86] (2594566)

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[54] **METHODS OF FORTIFYING PROCESS CHEESE AND PRODUCTS THEREOF**

[54] **METHODES POUR FORTIFIER DU FROMAGE FONDU ET PRODUITS AINSI OBTENUS**

[72] BALDWIN, CHERYL J., US

[72] SMITH, GARY F., US

[72] AKASHE, AHMAD, US

[73] KRAFT FOODS GROUP BRANDS LLC, US

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[54] **ASSEMBLY AND METHOD FOR PREPARING A BEVERAGE**

[54] **ASSEMBLAGE ET PROCEDE POUR PREPARER UNE BOISSON**

[72] STEENHOF, VINCENT JAN, NL

[72] KNITEL, JOSEPH THEODOOR, NL

[73] KONINKLIJKE DOUWE EGBERTS B.V., NL

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[25] EN

[54] **"OFF-BOARD" CONTROL FOR A POWER MACHINE OR VEHICLE**

[54] **COMMANDE DEPORTEE POUR MACHINE MOTORISEE OU VEHICULE**

[72] BERTSCH, BRADY J., US

[72] ROSSOW, SCOTT R., US

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[72] MEURET, REGIS, FR

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[54] **CATALYSEUR DE REDUCTION DU SOUFRE PRESENT DANS L'ESSENCE POUR CRAQUAGE CATALYTIQUE FLUIDE**

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[72] WORMSBECHER, RICHARD FRANKLIN, US

[73] W.R. GRACE & CO. -CONN., US

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[54] **PURGE AUTOMATIQUE POUR UN INJECTEUR**

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[73] LIEBEL-FLARSHEIM COMPANY LLC, US

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[72] INGRAM, ROBERT KEITH, AU

[73] FARMTEK PTY LTD, AU

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[54] **SYSTEME EMPECHANT LA DUPLICATION DES SOURCES PROVENANT DE CLIENTS DESSERVIS PAR UN TRADUCTEUR DE PORTS D'ADRESSES RESEAU**
[72] JAKUBIK, PATRICIA A., US
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[73] MARINE CURRENT TURBINES LIMITED, GB
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[73] REDBOX AUTOMATED RETAIL, LLC, US
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[54] **DERIVES DHA .ALPHA.SUBSTITUES**
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[72] HOLMEIDE, ANNE KRISTIN, NO
[72] KOPECKY, JAN, CZ
[73] PRONOVA BIOPHARMA NORGE AS, NO
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[73] SHAW INDUSTRIES GROUP, INC., US

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[54] **SEGMENTATION DE FREQUENCE PERMETTANT D'OBTENIR DES BANDES DE CODAGE EFFICACE DE DONNEES MULTIMEDIA NUMERIQUES**

[72] MEHROTRA, SANJEEV, US

[72] CHEN, WEI-GE, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

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[54] **APPARATUS AND PROCESS FOR STACKING PIECES OF MATERIAL**

[54] **APPAREIL ET PROCEDE POUR L'EMPLIAGE DE PIECES DE MATERIAU**

[72] NIKUMB, SUWAS, CA

[72] DINKEL, CRAIG, CA

[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA

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[54] **PEPTIDES BIOACTIFS IDENTIFIES DANS DES HYDROLYSATS ENZYMATIQUES DE CASEINES LACTEES ET PROCEDE D'OBTENTION**

[72] RECIO SANCHEZ, ISIDRA, ES
[72] QUIROS DEL BOSQUE, ANA, ES
[72] HERNANDEZ LEDESMA, BLANCA, ES

[72] GOMEZ RUIZ, JOSE ANGEL, ES
[72] MIGUEL CASTRO, MARTA, ES
[72] AMIGO GARRIDO, MARIA LOURDES, ES

[72] LOPEZ EXPOSITO, IVAN, ES
[72] RAMOS GONZALEZ, MARIA MERCEDES, ES

[72] ALEIXANDRE DE ARTINANO, AMAYA, ES

[72] CONTRERAS GOMEZ, MAR, ES
[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES

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[54] **COMPOSITIONS DE DERIVES CHITINIQUES PARTIELLEMENT DESACETYLES**

[72] GISLASON, JOHANNES, IS
[72] EINARSSON, JON M., IS
[72] CHUEN HOW, NG, IS
[72] BAHRKE, SVEN, DE
[73] GENIS HF, IS

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[54] **PRRS VIRUSES, INFECTIOUS CLONES, MUTANTS THEREOF, AND METHODS OF USE**

[54] **VIRUS PRRS, CLONES INFECTIEUX, MUTANTS DE CES VIRUS ET PROCEDE D'UTILISATION**

[72] FAABERG, KAY S., US
[72] HAN, JUN, US
[72] LIU, GONGPING, US
[72] WANG, YUE, US
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US

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[54] **AMELIORATIONS APORTEES A UNE STRUCTURE DE PRE-AUTHENTIFICATION INDEPENDANTE DU SUPPORT**

[72] DUTTA, ASHUTOSH, US
[72] FAJARDO, VICTOR, US
[72] TANIUCHI, KENICHI, JP
[72] OHBA, YOSHIHIRO, US
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[54] **PROCEDE POUR LA PREPARATION D'ADAPALENE ET COMPOSES APPARENTES**

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[73] MEDICHEM, S.A., ES

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[54] **NOUVEAUX COMPOSES CHIMIQUES ET LEURS UTILISATIONS COMME MEDICAMENT**
[72] CHAIMBAULT, CORINNE, FR
[72] DROUOT, CYRILLE, FR
[72] JAMOT, LAURE, FR
[72] PRUSS, REBECCA, FR
[72] SIMON, CELINE, FR
[73] TROPHOS, FR
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[54] **UTILISATION DE DIMETHYLE DISULFURE POUR UNE PRODUCTION DE METHIONINE DANS DES MICRO-ORGANISMES**
[72] ZELDER, OSKAR, DE
[72] HAEFNER, STEFAN, DE
[72] HEROLD, ANDREA, DE
[72] KLOPPROGGE, CORINNA, DE
[72] SCHRODER, HARTWIG, DE
[72] YOCUM, R. ROGERS, US
[72] WILLIAMS, MARK K., US
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[54] **COMPOSITIONS PHARMACEUTIQUES A LIBERATION PROLONGEE POUR MEDICAMENTS TRES SOLUBLES DANS L'EAU**
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[72] BLEDSOE, DAVID L., US
[73] FARNAM COMPANIES, INC., US
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[72] HARDIN, JOHN W., US
[72] WOOD, MARK W., US
[72] BEZOLD, JOHN R., US
[72] HATHCOCK, LANCE S., US
[73] BLACK & DECKER INC., US
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[73] AUCKLAND UNISERVICES LIMITED, NZ
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[72] LANG, RICHARD CHARLES, GB
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[73] MESSIER-DOWTY LIMITED, GB
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[54] **STYLO INJECTEUR DE SURETE AVEC PROTECTEUR PASSIF**
[72] STONEHOUSE, DAVID R., GB
[72] LISTENBERGER, ERIC D., US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **APPAREIL D'UTILISATION DE LA SOIE DENTAIRE INSTANTANEE ET PERSONNALISEE**
[72] TOOR, VIRANMOL, CA
[73] TOOR, VIRANMOL, CA
[86] (2619089)
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[72] SWOYER, JOHN M., US
[72] KIDDER, ALLISON M., US
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[54] **PYRROLOPYRIDINE DERIVATIVES AND USE OF SAME AS PPAR RECEPTOR MODULATORS**
[54] **DERIVES DE PYRROLOPYRIDINE ET LEURS UTILISATIONS COMME MODULATEURS DES RECEPTEURS PPAR**
[72] BOUBIA, BENAÏSSA, FR
[72] BARTH, MARTINE, FR
[72] BINET, JEAN, FR
[72] DODEY, PIERRE, FR
[72] LEGENDRE, CHRISTIANE, FR
[72] POUPARDIN-OLIVIER, OLIVIA, FR
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[54] **WEIGHTED SPOOLABLE PIPE**
[54] **TUYAU LESTE POUVANT ETRE BOBINE**
[72] QUIGLEY, PETER A., US
[72] FEECHAN, MICHAEL, US
[73] FIBERSPAR CORPORATION, US
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[25] FR
[54] **AIRCRAFT ENGINE EQUIPPED WITH MEANS TO TRANSFER HEAT**
[54] **MOTEUR D'AERONEF EQUIPE DE MOYENS D'ECHANGE THERMIQUES**
[72] BRAULT, MICHEL, FR
[72] ROUSSELIN, STEPHANE, FR
[72] TANTOT, NICOLAS, FR
[72] TOURET, ROXANE, FR
[73] SNECMA, FR
[86] (2621838)
[87] (2621838)
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[54] **DEFINED RATIO DUAL-WALL PIPE DIE**
[54] **MATRICE DE TUYAU DOUBLE PAROI A RAPPORT DEFINI**
[72] SUTTON, GERALD S., US
[72] KOLBET, RANDALL A., US
[73] ADVANCED DRAINAGE SYSTEMS, INC., US
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[54] **LAMPE PAR A FACETTES**
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[72] ROTHWELL, HAROLD L., JR., US
[72] HRUBOWCHAK, DAVID M., US
[73] OSRAM SYLVANIA INC., US
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[54] **MULTI-FUNCTIONAL IONIC LIQUID COMPOSITIONS FOR OVERCOMING POLYMORPHISM AND IMPARTING IMPROVED PROPERTIES FOR ACTIVE PHARMACEUTICAL, BIOLOGICAL, NUTRITIONAL, AND ENERGETIC INGREDIENTS**
[54] **COMPOSITIONS LIQUIDES, IONIQUES, MULTIFONCTIONNELLES POUR VAINCRE LE POLYMORPHISME ET CONFERER DE MEILLEURES PROPRIETES A DES INGREDIENTS ACTIFS PHARMACEUTIQUES, BIOLOGIQUES, NUTRITIONNELS ET ENERGETIQUES**
[72] ROGERS, ROBIN D., US
[72] DALY, DANIEL T., US
[72] SWATLOSKI, RICHARD P., US
[72] HOUGH, WHITNEY L., US
[72] DAVIS, JAMES HILLARD, US
[72] SMIGLAK, MARCIN, US
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[72] SPEAR, SCOTT K., US
[73] THE UNIVERSITY OF ALABAMA, US
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[54] **PROCEDE ET SYSTEME DE TRAITEMENT ET D'EMISSION DE SIGNAUX DE RADIODIFFUSION NUMERIQUES**
[72] YU, JUNG-PIL, KR
[72] PARK, EUI-JUN, KR
[72] KWON, YONG-SIK, KR
[72] CHANG, YONG-DEOK, KR
[72] JEONG, HAE-JOO, KR
[72] KIM, JOON-SOO, KR
[72] JEONG, JIN-HEE, KR
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[54] **COMPRIME BICOUCHE COMPRENANT DU TELMISARTAN ET UN DIURETIQUE**
[72] NAKATANI, MANABU, JP
[72] YOKOYAMA, KAZUTOSHI, JP
[72] SAWADA, TAKESHI, JP
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **TREATMENT OF A SURFACE OF AN ALUMINUM OR ALUMINUM-CONTAINING COMPONENT**
[54] **TRAITEMENT D'UNE SURFACE D'ELEMENT D'ALUMINIUM OU D'UNE SURFACE CONTENANT DE L'ALUMINIUM**
[72] BINDER, HANS, DE
[72] BINDER, OTTMAR, DE
[73] SUEDEDEUTSCHE ALUMINIUM MANUFAKTUR GMBH, DE
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[54] **WT1 HLA CLASS II-BINDING PEPTIDES AND COMPOSITIONS AND METHODS COMPRISING SAME**
[54] **PEPTIDES DE LIAISON WT1 HLA DE CLASSE II, COMPOSITIONS ET METHODES ASSOCIEES COMPRENANT CES PEPTIDES**
[72] SCHEINBERG, DAVID A., US
[72] PINILLA-IBARZ, JAVIER, US
[72] MAY, RENA, US
[73] SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH, US
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[54] **METHODS AND SYSTEMS TO ALLOW MULTIPLE SIP APPLICATIONS ON A SIP CLIENT THE ABILITY TO SELECT SPECIFIC APPLICATIONS AND FEATURES ON A SIP SERVER**
[54] **METHODES ET SYSTEMES PERMETTANT A UN CLIENT A SIP, PARI MI DE MULTIPLES APPLICATIONS A SIP, DE SELECTIONNER DES APPLICATIONS ET DES FONCTIONS SPECIFIQUES SUR UN SERVEUR A SIP**
[72] GEORGE, RICHARD, CA
[72] LEE, DALSU, CA
[73] BLACKBERRY LIMITED, CA
[86] (2626353)
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[54] **ADDITIFS VERSATILES POUR DES APPLICATIONS DE CIMENTATION DE PUI TS**
[72] CARITEY, JEAN-PHILIPPE, FR
[72] MICHAUX, MICHEL, FR
[72] PYATINA, TATIANA, FR
[72] THERY, FREDERIC, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **ANALYSIS DEVICE WITH EXCHANGEABLE TEST ELEMENT MAGAZINE**
[54] **DISPOSITIF D'ANALYSE AVEC MAGASIN A ELEMENT(S) CONTROLEUR(S) AMOVIBLE**
[72] LIST, HANS, DE
[72] FREY, STEPHAN-MICHAEL, DE
[72] ZIMMER, VOLKER, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[22] 2008-03-26
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[25] EN
[54] **HETEROCYCLIC MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS**
[54] **MODULATEURS HETEROCYCLIQUES DE TRANSPORTEURS A CASSETTE LIANT L'ATP**
[72] HADIDA RUAH, SARA, US
[72] HAMILTON, MATTHEW, US
[72] MILLER, MARK, US
[72] GROOTENHUIS, PETER D. J., US
[72] BEAR, BRIAN, US
[72] MCCARTNEY, JASON, US
[72] ZHOU, JINGLAN, US
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **EMPLACEMENT EN TROIS DIMENSIONS D'UN ELEMENT DEPUIS UNE EXCAVATRICE**
[72] MONTGOMERY, JAMES L., US
[73] DEERE & COMPANY, US
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[51] **Int.Cl. A23K 1/18 (2006.01) A01K 5/00 (2006.01) A23K 1/16 (2006.01)**
[25] EN
[54] **METHOD OF FEEDING YOUNG MONOGASTRIC MAMMALS AND COMPOSITIONS FED TO YOUNG MONOGASTRIC MAMMALS**
[54] **METHODE ET COMPOSITIONS D'ALIMENTATION DES JEUNES MAMMIFERES MONOGASTRIQUES**
[72] MILLER, BILL L., US
[72] STEPHAS, EDWIN L., US
[73] PURINA ANIMAL NUTRITION LLC, US
[86] (2627899)
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[22] 2008-03-28
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[54] **POWERED SURGICAL STAPLING DEVICE PLATFORM**
[54] **PLATEAU A COMMANDE ELECTRIQUE D'AGRAFEUSE CHIRURGICALE**
[72] ZEMLOK, MICHAEL, US
[72] RACENET, DAVID C., US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **COMBINED DEVICE FOR CONTROLLING THE POWER TRANSFER BETWEEN TWO CORES OF A DIRECT CURRENT NETWORK AND FOR POWERING AN ALTERNATING CURRENT ENGINE**

[54] **DISPOSITIF COMBINE DE COMMANDE DU TRANSFERT D'ALIMENTATION ENTRE DEUX COMPOSANTES DE BASE D'UN RESEAU A COURANT CONTINU ET D'ALIMENTATION D'UN MOTEUR A COURANT ALTERNATIF**

[72] RAULIN, LOIC, FR
[72] PIQUET, HUBERT, FR
[72] ROBOAM, XAVIER, FR
[72] FOCH, HENRI, FR
[72] REGNIER, JEREMI, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2008-04-25
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[30] FR (0553270) 2005-10-27

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[54] **SINGLE ENTRY PORTAL IMPLANT**

[54] **IMPLANT A SIMPLE POINT D'ENTREE**

[72] MAY, JUSTIN J., US
[72] STEINER, ANDREW J., US
[72] ACKER, DEAN M.J., US
[73] ZIMMER, INC., US
[86] (2628076)
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[25] EN
[54] **SLIDE-AND-LOCK STENT**

[54] **CATHETER A COULISSEMENT ET VERROUILLAGE**

[72] SCHMID, ERIC V., US
[72] MORRIS, ANDREW, US
[73] REVA MEDICAL, INC., US
[85] 2007-06-19
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[87] (WO2007/149081)

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[54] **CONVEYOR BELT SCRAPER**

[54] **RACLOIR DE BANDE TRANSPORTEUSE**

[72] MCBRIDE, RANDY GARTH, CA
[73] MCBRIDE, RANDY GARTH, CA
[73] MCBRIDE BELTING & HOSE LTD., CA
[86] (2629051)
[87] (2629051)
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[13] C

[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/24 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **RIGID FILTER FOR CAPSULES SUITABLE FOR EXTRACTING BEVERAGES, PARTICULARLY EXPRESSO COFFEE**

[54] **FILTRE RIGIDE POUR CAPSULES CONVENANT A L'EXTRACTION DES BOISSONS, EN PARTICULIER DU CAFE EXPRESS**

[72] BOLZICCO, CLAUDIO, IT
[72] MASTROPASQUA, LUCA, IT
[72] VAN EEDEN, FRANS, IT
[72] DELLAPIETRA, BRUNO, IT
[73] ILLYCAFFE' S.P.A., IT
[86] (2629268)
[87] (2629268)
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[13] C

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[25] EN
[54] **FLEXIBLE DEBARKING ABRADER**

[54] **ABRASEUR D'ECORCAGE SOUPLE**

[72] PEETSO, VICTOR, CA
[72] HUME, AL, CA
[73] REALSEARCH INC., CA
[86] (2629826)
[87] (2629826)
[22] 2008-04-24

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[51] **Int.Cl. C09D 133/04 (2006.01) C08J 7/04 (2006.01) C09D 7/12 (2006.01) C09D 167/00 (2006.01)**
[25] EN
[54] **RADIATION-CURABLE COATING COMPOSITIONS, COMPOSITE AND PLASTIC MATERIALS COATED WITH SAID COMPOSITIONS AND METHODS FOR THEIR PREPARATION**

[54] **COMPOSITIONS DE REVETEMENT DURCISSABLES PAR RAYONNEMENT, MATERIAUX COMPOSITES ET PLASTIQUE REVETUS DE CES COMPOSITIONS ET METHODES DE PREPARATION CONNEXES**

[72] SMELYANSKY, PYOTR, US
[72] BURTON, KENNETH W., JR., US
[73] FINISHES UNLIMITED, INC., US
[86] (2629952)
[87] (2629952)
[22] 2008-04-25
[30] US (US 60/914,224) 2007-04-26
[30] US (US 60/968,990) 2007-08-30

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[13] C

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[54] **SUTURE WINDING DEVICE AND METHODS OF USE THEREOF**

[54] **DEROULEUR DE FIL DE SUTURE ET METHODES D'UTILISATION**

[72] PRESCOTT, MICHAEL, US
[72] FISHBEIN, CHRISTOPHER G., US
[73] TYCO HEALTHCARE GROUP, LP, US
[86] (2630005)
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[54] **LOW PROFILE BLEED AIR COOLER**

[54] **REFROIDISSEUR D'AIR DE PRELEVEMENT PEU ENCOMBRANT**

[72] OLVER, BRYAN W., CA

[73] PRATT & WHITNEY CANADA CORP., CA

[86] (2630249)

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[13] C

[51] **Int.Cl. B44F 1/08 (2006.01) C09D 11/50 (2014.01)**

[25] EN

[54] **STRUCTURED SURFACES THAT EXHIBIT COLOR BY ROTATION**

[54] **SURFACES STRUCTUREES A GEOMETRIE DE COULEURS VARIABLE**

[72] PHILLIPS, ROGER W., US

[72] RAKSHA, VLADIMIR P., US

[72] KURMAN, ERIC WILLIAM, US

[72] WITZMAN, MATTHEW R., US

[72] TEITELBAUM, NEIL, CA

[73] JDS UNIPHASE CORPORATION, US

[86] (2630641)

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[25] EN

[54] **TRANSDERMAL THERAPEUTIC SYSTEM FOR VOLATILE AND/OR THERMOLABILE SUBSTANCES**

[54] **SYSTEME THERAPEUTIQUE PERCUTANE POUR DES SUBSTANCES VOLATILES ET/OU THERMOLABILES**

[72] JUNG, TOBIAS, DE

[72] HORSTMANN, MICHAEL, DE

[72] DZEKAN, HORST, DE

[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE

[85] 2008-05-22

[86] 2006-12-16 (PCT/EP2006/012149)

[87] (WO2007/087872)

[30] DE (10 2006 001 536.3) 2006-01-12

[30] DE (10 2006 026 060.0) 2006-06-03

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[51] **Int.Cl. E03D 5/00 (2006.01) F16K 1/54 (2006.01)**

[25] EN

[54] **PRESSURE COMPENSATING FLUSH VALVE WITH SELF-CLEANING PISTON**

[54] **ROBINET DE CHASSE REGULATEUR DE PRESSION AVEC PISTON AUTONETTOYANT**

[72] JACOBS, BARRY, US

[72] CHRIST, FRANK, DE

[72] SEGGIO, FRANK, US

[72] SPONHEIMER, JUERGEN, DE

[72] SCHMITZ, WALTER, DE

[73] AS IP HOLDCO LLC, US

[86] (2630734)

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[22] 2008-05-07

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[30] US (12/151,334) 2008-05-06

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[25] EN

[54] **LUBRICATING OIL WITH ENHANCED PROTECTION AGAINST WEAR AND CORROSION**

[54] **HUILE LUBRIFIANTE AVEC PROTECTION AMELIOREE CONTRE L'USURE ET LA CORROSION**

[72] DUCHESNE, PERLA, FR

[72] MCDONALD, JOHN, US

[72] SINQUIN, GILLES, FR

[72] TEQUI, PIERRE, FR

[73] CHEVRON ORONITE S.A., FR

[73] CHEVRON ORONITE COMPANY LLC, US

[86] (2632392)

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[30] US (11/755,387) 2007-05-30

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[51] **Int.Cl. H02J 13/00 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **LOCATION DETERMINATION OF POWER SYSTEM DISTURBANCES BASED ON FREQUENCY RESPONSES OF THE SYSTEM**

[54] **DETERMINATION DE L'EMPLACEMENT DE PERTURBATIONS DANS UN SYSTEME DE DISTRIBUTION D'ENERGIE SUR BASE DES REPONSES EN FREQUENCE DU SYSTEME**

[72] GARDNER, ROBERT MATTHEW, US

[72] ZHONG, ZHIAN, US

[72] LIU, YILU, US

[73] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US

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[30] US (11/588,247) 2006-10-27

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[54] **OPTICALLY ENABLED HYBRID SEMICONDUCTOR PACKAGE**

[54] **BOITIER DE SEMI-CONDUCTEUR HYBRIDE COMPATIBLE AVEC SYSTEMES OPTIQUES**

[72] FU, SHAO-WEI, CA
[72] MAINARDI, RICHARD, CA
[72] MAJ, TOMASZ, CA
[72] MOSKOVITZ, GARY, CA
[72] ROLSTON, DAVID R., CA
[73] REFLEX PHOTONICS, CA
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[54] **INTERLEUKIN-12P40 VARIANTS WITH IMPROVED STABILITY**

[54] **VARIANTS DE POLYPEPTIDES P40 DE L'INTERLEUKINE 12 AYANT UNE STABILITE AMELIOREE**

[72] WEBSTER, GORDON D., US
[72] MCKENZIE, SUZANNE P., US
[72] LO, KIN-MING, US
[72] STEIN, PASCAL ANDRE, US
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAEKTER HAFTUNG, DE
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[13] C

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[54] **RESAMPLING AND PICTURE RESIZING OPERATIONS FOR MULTI-RESOLUTION VIDEO CODING AND DECODING**

[54] **OPERATIONS DE REECHANTILLONNAGE ET DE REDIMENSIONNEMENT D'IMAGES DESTINEES A UN CODAGE ET DECODAGE VIDEO A RESOLUTIONS MULTIPLES**

[72] SULLIVAN, GARY J., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2008-06-30
[86] 2007-01-08 (PCT/US2007/000195)
[87] (WO2007/081752)
[30] US (60/756,846) 2006-01-06
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[54] **SELECTIVE CATALYSTS HAVING SILICA SUPPORTS FOR NAPHTHA HYDRODESULFURIZATION**

[54] **CATALYSEURS SELECTIFS A SUPPORT DE SILICE POUR L'HYDRODESULFURATION DE NAPHTA**

[72] WU, JASON, US
[72] BAI, CHUANSHENG, US
[72] HALBERT, THOMAS RISHER, US
[72] SOLED, STUART L., US
[72] MISEO, SABATO, US
[72] MCCONNACHIE, JONATHAN MARTIN, US
[72] SOKOLOVSKII, VALERY, US
[72] LOWE, DAVID MICHAEL, US
[72] VOLPE, ANTHONY F., US
[72] HAN, JUN, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2008-07-03
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[30] US (60/759,433) 2006-01-17

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[25] EN

[54] **ABERRATION-CORRECTING CATHODE LENS MICROSCOPY INSTRUMENT**

[54] **INSTRUMENT DE MICROSCOPIE A LENTILLE A CATHODE DE CORRECTION D'ABERRATION**

[72] TROMP, RUDOLF M., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2008-07-03
[86] 2007-02-14 (PCT/US2007/062101)
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[54] **SELECTIVE CATALYSTS HAVING HIGH TEMPERATURE ALUMINA SUPPORTS FOR NAPHTHA HYDRODESULFURIZATION**

[54] **CATALYSEURS SELECTIFS A SUPPORT D'ALUMINE HAUTE TEMPERATURE POUR L'HYDRODESULFURATION DE NAPHTA**

[72] WU, JASON, US
[72] ELLIS, EDWARD S., US
[72] SOKOLOVSKII, VALERY, US
[72] LOWE, DAVID MICHAEL, US
[72] VOLPE, ANTHONY F., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2008-07-11
[86] 2007-01-12 (PCT/US2007/001000)
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[30] US (60/759,434) 2006-01-17

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[25] EN
[54] **SURGICAL STAPLE WITH AUGMENTED COMPRESSION AREA**
[54] **AGRAFE CHIRURGICALE AVEC ZONE DE COMPRESSION ACCRUE**
[72] SOLTZ, MICHAEL, US
[72] SNIFFIN, KEVIN, US
[72] BROOM, JENNIFER, US
[72] HOLSTEN, HENRY E., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2636976)
[87] (2636976)
[22] 2008-07-08
[30] US (60/959,054) 2007-07-11
[30] US (12/144,696) 2008-06-24

[11] **2,636,992**
[13] C
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[25] EN
[54] **THIOPHENYL AND PYRROLYL AZEPINES AS SEROTONIN 5-HT_{2C} RECEPTOR LIGANDS AND USES THEREOF**
[54] **AZEPINES DE THIOPHENYLE ET PYRROLYLE EN TANT QUE LIGANDS DE RECEPTEURS DE SEROTONINE 5-HT_{2C} ET LEURS UTILISATIONS**
[72] TUMEY, L. NATHAN, US
[72] BOM, DAVID C., US
[72] BENNANI, YOUSSEF L., US
[72] ROBARGE, MICHAEL J., US
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[85] 2008-07-11
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[11] ***2,637,046**
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[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR INTERACTIVE SPECIFICATION OF CONTEXT-SENSITIVE SERVICE LEVEL AGREEMENTS; FOR PROVISIONING OF RESOURCES REQUIRED DURING SERVICE DELIVERY EVENTS REGULATED BY SERVICE LEVEL AGREEMENTS; AND FOR MONITORING COMPLIANCE WITH SERVICE LEVEL AGREEMENTS DURING SERVICE DELIVERY EVENTS**
[54] **PROCEDES ET APPAREIL DE SPECIFICATION INTERACTIVE D'ACCORDS SUR LE NIVEAU DE SERVICE SENSIBLES AU CONTEXTE; DE FOURNITURE DE RESSOURCES REQUISES AU COURS D'EVENEMENTS DE FOURNITURE DE SERVICE REGULES PAR DES ACOORDS SUR LE NIVEAU DE SERVICE; ET DE SURVEILLANCE DE CONFORMITE**
[72] BANTZ, DAVID F., US
[72] CHEFALAS, THOMAS E., US
[72] GAYEK, PETER W., US
[72] HUBER, WALTER C., AT
[72] JALAN, SRIKANT, US
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[72] PORAK, MARCO, AT
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[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] BLOMQUIST, MICAEL, SE
[72] THORSELL, MAGNUS, SE
[72] ANDERSSON, SOREN, SE
[72] AKERLUND, CLAES, SE
[73] STT EMTEC AB, SE
[85] 2008-07-16
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[25] FR
[54] **GASEOUS FLUID MIXER**
[54] **MELANGEUR DE FLUIDE GAZEUX**
[72] BOURLART, REMI, FR
[72] WEBER-ROZENBAUM, REGINE, FR
[73] DAHER AEROSPACE, FR
[86] (2638226)
[87] (2638226)
[22] 2008-08-01
[30] FR (07 05 704) 2007-08-03

[11] **2,638,336**
[13] C
[51] **Int.Cl. G01M 3/28 (2006.01) F16K 7/12 (2006.01) F16L 55/00 (2006.01) F16L 55/11 (2006.01) F16L 55/128 (2006.01) E03C 1/00 (2006.01) E03F 7/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR PRESSURE TESTING A PLUMBING INSTALLATION**
[54] **DISPOSITIF DE CONTROLE DE PRESSION D'UNE INSTALLATION DE PLOMBERIE**
[72] COSCARELLA, GABE, CA
[73] COSCARELLA, GABE, CA
[86] (2638336)
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[25] EN
[54] **SCAFFOLDING SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE POUR ECHAFAUDAGE**
[72] BELAND, LUC, CA
[73] 9020-4983 QUEBEC INC, CA
[86] (2638490)
[87] (2638490)
[22] 2008-07-31

[11] **2,638,500**

[13] C

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[25] EN
[54] **POPOP DRAIN STOPPER ASSEMBLY**
[54] **ENSEMBLE A BOUCHON DE DRAIN ESCAMOTABLE**
[72] COSCARELLA, GABE, CA
[73] COSCARELLA, GABE, CA
[86] (2638500)
[87] (2638500)
[22] 2008-07-21

[11] **2,638,539**

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[25] EN
[54] **FOOD PRODUCT CONVEYOR AND HANDLING SYSTEMS**
[54] **SYSTEMES TRANSPORTEUR ET DE MANUTENTION DE PRODUITS ALIMENTAIRES**
[72] MALENKE, MARK, US
[72] ADLER, SCOTT, US
[72] HESS, DAVID, US
[72] HELENIK, TOD, US
[72] TOMAC, BRIAN, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[86] (2638539)
[87] (2638539)
[22] 2008-08-07
[30] US (11/836,553) 2007-08-09

[11] **2,639,174**

[13] C

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[25] EN
[54] **FEEDER FOR LIVESTOCK**
[54] **NOURRISSEUR A BESTIAUX**
[72] LIENEMANN, TREVOR L., US
[73] LIENEMANN, TREVOR L., US
[86] (2639174)
[87] (2639174)
[22] 2008-08-28
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[25] EN
[54] **NEW LACTOBACILLUS STRAINS AND THE USES THEREOF**
[54] **NOUVELLES SOUCHES DE LACTOBACILLUS ET LEURS UTILISATIONS**
[72] BOETTNER, MEWES, DE
[72] BUDDE, ECKHARD, DE
[72] LANG, CHRISTINE, DE
[72] RYSER, MARTIN, DE
[72] VEEN, MARKUS, DE
[73] ORGANOBALANCE GMBH, DE
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[87] (WO2007/073709)
[30] DE (10 2005 062 731.5) 2005-12-22

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[13] C

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[25] EN
[54] **WASTE DISPOSAL DEVICES**
[54] **DISPOSITIF D'EVACUATION DES DECHETS**
[72] STRAVITZ, DAVID M., US
[73] MUNCHKIN, INC., US
[86] (2640459)
[87] (2640459)
[22] 2008-10-03
[30] US (12/172,793) 2008-07-14

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[13] C

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[54] **THERMAL INSULATION OF FLEXIBLE PIPES**
[54] **ISOLATION THERMIQUE DE TUYAUX SOUPLES**
[72] BUCHNER, STEFAN, DE
[73] GE OIL & GAS UK LIMITED, GB
[86] (2641381)
[87] (2641381)
[22] 2008-10-21
[30] GB (0720713.7) 2007-10-23

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[25] EN
[54] **FLUID DELIVERY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'APPORT DE FLUIDE**
[72] KAMEN, DEAN, US
[72] BEAVIS, RUSSELL H., US
[72] KANE, DEREK G., US
[72] KERWIN, JOHN M., US
[72] GRAY, LARRY B., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2008-08-06
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[87] (WO2007/092618)
[30] US (60/772,313) 2006-02-09
[30] US (60/789,243) 2006-04-05
[30] US (60/793,188) 2006-04-19

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[13] C

[51] **Int.Cl. B65H 29/42 (2006.01) G07D 11/00 (2006.01)**

[25] EN

[54] **EQUIPMENT FOR STORING IN AN ORDERLY WAY BANKNOTES AND/OR PAPERS AND THE LIKE**

[54] **EQUIPEMENT DESTINE A STOCKER DES BILLETS ET BANQUE ET/OU DES PAPIERS ET ANALOGUES DE MANIERE ORDONNEE**

[72] BISONE, DARIO, IT
[72] MARTINOTTI, MAURO, IT
[72] DONNIS, PAOLO, IT
[72] BISONE, SERGIO, IT
[72] BILLET, MIRKO, IT
[73] CTS CASHPRO S.P.A., IT
[85] 2008-08-08
[86] 2007-02-09 (PCT/EP2007/051303)
[87] (WO2007/090899)
[30] IT (TO2006A000093) 2006-02-10

[11] **2,642,258**
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[25] EN

[54] **METHODS AND SYSTEMS FOR SIMULTANEOUS REAL-TIME MONITORING OF OPTICAL SIGNALS FROM MULTIPLE SOURCES**

[54] **METHODES ET SYSTEME DE SURVEILLANCE EN TEMPS REEL SIMULTANEE DE SIGNAUX OPTIQUES DE MULTIPLES SOURCES**

[72] LUNDQUIST, PAUL, US
[72] ZACCARIN, DENIS, US
[72] LACROIX, YVES, CA
[72] MAXHAM, MARK, US
[72] FOQUET, MATHIEU, US
[72] TURNER, STEPHEN, US
[73] PACIFIC BIOSCIENCES OF CALIFORNIA, INC., US
[85] 2008-08-12
[86] 2007-02-09 (PCT/US2007/003570)
[87] (WO2007/095119)
[30] US (60/772,908) 2006-02-13
[30] US (11/483,413) 2006-07-07

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[13] C

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[25] FR

[54] **NANOFABRICATION INSTALLATION AND PROCESS**

[54] **INSTALLATION ET PROCEDE DE NANO-FABRICATION**

[72] GIERAK, JACQUES, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR
[85] 2008-08-19
[86] 2007-02-16 (PCT/FR2007/000287)
[87] (WO2007/096505)
[30] FR (0601483) 2006-02-20

[11] **2,644,151**
[13] C

[51] **Int.Cl. H04W 28/24 (2009.01)**

[25] EN

[54] **QUALITY OF SERVICE PROVISIONING THROUGH ADAPTABLE AND NETWORK REGULATED CHANNEL ACCESS PARAMETERS**

[54] **OBTENTION DE LA QUALITE DE SERVICE VIA LES PARAMETRES D'ACCES AUX CANAUX ADAPTABLES ET REGULES PAR LE RESEAU**

[72] YAQUB, RAZIQ, US
[72] ELAOU, MONCEF, US
[73] TELCORDIA TECHNOLOGIES, INC., US
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2008-08-28
[86] 2007-03-02 (PCT/US2007/005538)
[87] (WO2007/103280)
[30] US (60/853,310) 2006-03-05
[30] US (11/567,251) 2006-12-06

[11] **2,645,060**
[13] C

[51] **Int.Cl. C07D 307/46 (2006.01) C07D 307/50 (2006.01)**

[25] EN

[54] **METHOD FOR THE SYNTHESIS OF ORGANIC ACID ESTERS OF 5-HYDROXYMETHYLFURFURAL AND THEIR USE**

[54] **METHODE DE SYNTHESE D'ESTERS D'ACIDES ORGANIQUES DE 5-HYDROXYMETHYLFURFURAL ET LEURS APPLICATIONS**

[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[72] DAUTZENBERG, F., US
[73] FURANIX TECHNOLOGIES B.V., NL
[85] 2008-09-05
[86] 2007-03-12 (PCT/EP2007/002146)
[87] (WO2007/104515)
[30] EP (06075565.9) 2006-03-10

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[13] C

[51] **Int.Cl. A61F 2/24 (2006.01)**

[25] EN

[54] **HOLDERS FOR PROSTHETIC AORTIC HEART VALVES**

[54] **DISPOSITIFS DE MAINTIEN DE PROTHESES DE VALVES CARDIAQUES AORTIQUES**

[72] STOBIE, ROBERT, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2008-09-17
[86] 2007-04-12 (PCT/US2007/066512)
[87] (WO2007/143276)
[30] US (11/405,819) 2006-04-14

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[25] EN
[54] **VARIABLE OFDM SUBCHANNEL CODING AND MODULATION**
[54] **CODAGE ET MODULATION DE VOIES INTERMEDIAIRES DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE VARIABLE**
[72] ABHISHEK, ABHISHEK, US
[72] HASSAN, AMER A., US
[72] HUITEMA, CHRISTIAN, US
[72] WU, DEYUN, US
[72] KUEHNEL, THOMAS, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2008-09-18
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[30] US (11/410,409) 2006-04-25

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[13] C

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[25] EN
[54] **FOAMABLE SUSPENSION GEL**
[54] **GEL DE SUSPENSION MOUSSANT**
[72] ABRAM, ALBERT ZORKO, AU
[72] FUCHSHUBER, LILIAN, AU
[73] STIEFEL RESEARCH AUSTRALIA PTY LTD, AU
[85] 2008-09-23
[86] 2007-03-29 (PCT/IB2007/002958)
[87] (WO2008/007224)
[30] US (60/744,082) 2006-03-31

[11] **2,648,472**
[13] C

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[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR TREATING LIQUIDS WITH WAVE ENERGY FROM AN ELECTRICAL ARC**
[54] **SYSTEME, PROCEDE ET APPAREIL DE TRAITEMENT DE LIQUIDES AVEC LES VAGUES D'ENERGIE D'UN ARC ELECTRIQUE**
[72] FORET, TODD, US
[73] FORET PLASMA LABS, LLC, US
[85] 2008-10-06
[86] 2007-04-05 (PCT/US2007/008640)
[87] (WO2007/117634)
[30] US (60/789,670) 2006-04-05

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[13] C

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[25] EN
[54] **CO-POLYESTER PACKAGING RESINS PREPARED WITHOUT SOLID-STATE POLYMERIZATION, A METHOD FOR PROCESSING THE CO-POLYESTER RESINS WITH REDUCED VISCOSITY CHANGE, AND CONTAINERS AND OTHER ARTICLES PREPARED BY THE PROCESS**
[54] **RESINES DE CONDITIONNEMENT A BASE DE COPOLYESTER PREPAREES SANS ETAPE DE POLYMERISATION A L'ETAT SOLIDE, METHODE DE TRAITEMENT DES RESINES A BASE DE COPOLYESTER AVEC VARIATION REDUITE DE LEUR VISCOSITE, ET CONTENANTS ET AUTRES TYPES D'ARTICLES PREPARES AU MOYEN DUDIT PROCEDE**
[72] KEZIOS, PETER S., US
[72] CODD, HELEN, US
[72] HARRISON, KEVIN RICHARD, US
[73] DAK AMERICAS LLC, US
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[30] US (11/407,990) 2006-04-21

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[54] **CREATING FREQUENT APPLICATION-CONSISTENT BACKUPS EFFICIENTLY**
[54] **PROCEDE DE CREATION EFFICACE DE SAUVEGARDES FREQUENTES COHERENTES PAR RAPPORT AUX APPLICATIONS**
[72] VALIYAPARAMBIL, MANOJ K., US
[72] SAHASRANAMAN, VIVEK, US
[72] BADAMI, VINAY S., US
[72] ALI, ABID, US
[72] SINGLA, AMIT, US
[72] ANAND, KARANDEEP SINGH, US
[72] FRIES, ROBERT M., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[30] IN (1283/DEL/2006) 2006-05-29
[30] US (11/461,846) 2006-08-02

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[25] EN
[54] **IMPROVEMENTS TO PLANER CUTTING TOOLS**
[54] **AMELIORATION DE RABOTS**
[72] NICHOLSON, MARCUS, GB
[73] POWER BOX AG, CH
[85] 2008-10-16
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[30] GB (0607171.6) 2006-04-10

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[25] EN

[54] **FUSOGENIC PROPERTIES OF SAPOSIN C AND RELATED PROTEINS AND PEPTIDES FOR APPLICATION TO TRANSMEMBRANE DRUG DELIVERY SYSTEMS**

[54] **PROPRIETES FUSIOGENES DE LA SAPOSINE C, ET PROTEINES ET PEPTIDES CONNEXES D'APPLICATION AUX SYSTEMES D'ADMINISTRATION DE MEDICAMENTS TRANSMEMBRANAIRES**

[72] QI, XIAOYANG, US

[73] CHILDREN'S HOSPITAL MEDICAL CENTER, US

[85] 2008-10-28

[86] 2007-04-27 (PCT/US2007/010357)

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[25] EN

[54] **SYSTEM, METHOD AND CORRESPONDING APPARATUS FOR STORING, RETRIEVING AND DELIVERING UNIT DOSE BLISTERS**

[54] **SYSTEME, PROCEDE ET APPAREIL CORRESPONDANT PERMETTANT LE STOCKAGE, L'EXTRACTION ET LA DISTRIBUTION DE PLAQUETTES ALVEOLEES DE DOSES UNITAIRES**

[72] BRAUN, PATRICK J., US

[72] GREYSHOCK, SHAWN T., US

[73] AESYNT INCORPORATED, US

[85] 2008-11-10

[86] 2007-05-10 (PCT/US2007/011352)

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[11] **2,652,046**
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[25] EN

[54] **COMPOSITION OF LOCAL USER INTERFACE WITH REMOTELY GENERATED USER INTERFACE AND MEDIA**

[54] **COMPOSITION DE L'INTERFACE UTILISATEUR LOCALE AVEC INTERFACE UTILISATEUR GENERE A DISTANCE ET SUPPORT MULTIMEDIA**

[72] SPEICHER, ASHLEY C., US

[72] FANG, NICHOLAS J., US

[72] BOWRA, TODD, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

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[30] US (11/478,501) 2006-06-29

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[25] EN

[54] **THROTTLE CONTROL APPARATUS FOR A SNOWMOBILE**

[54] **APPAREIL DE COMMANDE DES GAZ POUR MOTONEIGE**

[72] SPARETZ, ZACHARY T., US

[72] CABLE, ALBERT BOYD, US

[73] HONEYWELL INTERNATIONAL INC., US

[85] 2008-11-14

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[25] EN

[54] **1,5-DIPHENYLPYRAZOLES II AS HSP90 INHIBITORS**

[54] **1,5-DIPHENYLPYRAZOLES II EN TANT QU'INHIBITEURS DE HSP90**

[72] EGGENWEILER, HANS-MICHAEL, DE

[72] WOLF, MICHAEL, DE

[72] BUCHSTALLER, HANS-PETER, DE

[72] SIRRENBERG, CHRISTIAN, DE

[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE

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[25] EN

[54] **METHOD TO DETERMINE ROCK PROPERTIES FROM DRILLING LOGS**

[54] **METHODE POUR DETERMINER LES PROPRIETES DE ROCHES A PARTIR DE RAPPORTS DE FORAGE**

[72] DE REYNAL, MICHEL, FR

[73] VAREL INTERNATIONAL IND., L.P., US

[86] (2653115)

[87] (2653115)

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[25] EN
[54] **HOT GAS FILTRATION FABRICS WITH SILICA AND FLAME RESISTANT FIBERS**
[54] **TISSUS DE FILTRATION DE GAZ CHAUD A FIBRES DE SILICE ET ININFLAMMABLES**
[72] BASS, DEREK S., US
[72] RICH, MATTHEW STANLEY, US
[72] SEBASTIAN, ANDRIES DON, US
[72] EDWARDS, WILLIAM M., US
[73] PROPEX OPERATING COMPANY, LLC, US
[85] 2008-11-25
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[87] (WO2007/140302)
[30] US (60/808,747) 2006-05-26

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[25] EN
[54] **VACUUM RECLOSER**
[54] **DISJONCTEUR A REENCLANCHEMENT A VIDE**
[72] CRUTCHER, BERNARD C., US
[73] HUBBELL INCORPORATED, US
[85] 2008-11-25
[86] 2007-05-18 (PCT/US2007/012045)
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[30] US (60/816,654) 2006-06-26
[30] US (11/586,970) 2006-10-25

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[13] C

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[25] EN
[54] **INTERLEAVER APPARATUS AND RECEIVER FOR A SIGNAL GENERATED BY THE INTERLEAVER APPARATUS**
[54] **ENTRELACEUR ET RECEPTEUR POUR SIGNAL GENERE PAR L'ENTRELACEUR**
[72] EBERLEIN, ERNST, DE
[72] BREILING, MARCO, DE
[72] KEIP, CEDRIC, DE
[72] STADALI, HOLGER, DE
[72] HEUBERGER, ALBERT, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2008-12-03
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[30] DE (10 2006 026 895.4) 2006-06-09

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[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING CONTROL OF PCA AND PCEA SYSTEM**
[54] **SYSTEME ET PROCEDE POUR OPTIMISER LA GESTION DE SYSTEME D'ANALGESIE CONTROLEE PAR LE PATIENT (PCA) ET D'ANALGESIE PERIDURALE CONTROLEE PAR LE PATIENT (PCEA)**
[72] HALBERT, DONALD, US
[72] BUTTERFIELD, ROBERT D., US
[72] FISHER, MONTE K., US
[72] BOLLISH, STEPHEN, US
[73] CAREFUSION 303, INC., US
[85] 2008-12-08
[86] 2007-06-13 (PCT/US2007/071151)
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[54] **VIRTUAL CONTROLLER FOR VISUAL DISPLAYS**
[54] **DISPOSITIF DE COMMANDE VIRTUELLE D'AFFICHAGES VISUELS**
[72] WILSON, ANDREW D., US
[72] SINCLAIR, MICHAEL J., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2008-12-08
[86] 2007-05-29 (PCT/US2007/012546)
[87] (WO2008/018943)
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[13] C

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[25] EN
[54] **INDIRECTLY HEATED CAPILLARY AEROSOL GENERATOR**
[54] **GENERATEUR D'AEROSOL CAPILLAIRE INDIRECTEMENT CHAUFFE**
[72] BELCASTRO, MARC D., US
[72] SWEPSTON, JEFFREY A., US
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2008-12-09
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[87] (WO2007/141668)
[30] US (60/812,116) 2006-06-09

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] BESO, ADNAN, SI
[72] LEGEN, IGOR, SI
[72] REVEN, SEBASTJAN, SI
[73] LEK PHARMACEUTICALS D.D., SI
[85] 2008-12-10
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[25] EN

[54] **METHOD FOR THE PREPARATION OF SOLID FUELS BY MEANS OF TORREFACTION AS WELL AS THE SOLID FUELS THUS OBTAINED AND THE USE OF THESE FUELS**

[54] **PROCEDE DE PREPARATION DE COMBUSTIBLES SOLIDES PAR TORREFACTION, COMBUSTIBLES SOLIDES AINSI OBTENUS ET LEUR UTILISATION**

[72] RUITERS, GERARD HUBERT JOSEPH, BE

[73] TORR-COAL TECHNOLOGY B.V., NL

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[86] 2007-06-14 (PCT/NL2007/000148)

[87] (WO2007/145507)

[30] NL (1032001) 2006-06-14

[30] NL (1032226) 2006-07-24

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[25] EN

[54] **MAGNETOSOME GENE EXPRESSION IN EUKARYOTIC CELLS**

[54] **EXPRESSION DU GENE CODANT POUR LES MAGNETOSOMES DANS DES CELLULES EUCARYOTES**

[72] PRATO, FRANK S., CA

[72] GOLDBHAWK, DONNA E., CA

[72] MCCREARY, CHERYL R., CA

[72] MCGIRR, REBECCA, CA

[72] DHANVANTARI, SAVITA, CA

[72] THOMPSON, TERRY R., CA

[72] THOMAS, ALEX W., CA

[72] HILL, DAVID, CA

[73] MULTI-MAGNETICS INCORPORATED, CA

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[13] C

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[54] **LIGHT SET WITH SURFACE MOUNTED LIGHT EMITTING COMPONENTS**

[54] **GUIRLANDE LUMINEUSE A COMPOSANTS ELECTROLUMINESCENTS MONTES EN SURFACE**

[72] TSAI, KENNETH, TW

[73] REAL BONUS LIMITED, WS

[86] (2655464)

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[11] **2,656,793**
[13] C

[51] **Int.Cl. B05D 5/08 (2006.01)**

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[54] **METHODS OF TREATING SURFACES WITH IONIC ORGANOSILICON COMPOSITIONS**

[54] **PROCEDES POUR TRAITER DES SURFACES AVEC DES COMPOSITIONS D'ORGANOSILICIUM IONISE**

[72] METHA, PRAKASH VITHALDAS, IN

[72] RANKA, AJAY ISHWARLAL, IN

[73] METHA, PRAKASH VITHALDAS, ZZ

[73] RANKA, AJAY ISHWARLAL, ZZ

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[87] (WO2008/004242)

[30] IN (1069/MUM/06) 2006-07-07

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[25] EN

[54] **SUBSTITUTED SULPHOXIMINES AS TIE2 INHIBITORS AND SALTS THEREOF, PHARMACEUTICAL COMPOSITIONS COMPRISING SAME, METHODS OF PREPARING SAME AND USES OF SAME**

[54] **SULFOXIMINES SUBSTITUEES EN TANT QU'INHIBITEURS DE TIE2 ET LEURS SELS, LES COMPOSITIONS PHARMACEUTIQUES LES INCLUANT, LEURS METHODES DE SYNTHESE ET LEURS APPLICATIONS**

[72] KETTSCHAU, GEORG, DE

[72] HARTUNG, INGO, DE

[72] LUECKING, ULRICH, DE

[72] THIERAUCH, KARL-HEINZ, DE

[72] BRIEM, HANS, DE

[72] BOEMER, ULF, DE

[72] KRUEGER, MARTIN, DE

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[25] EN
[54] **HERBICIDAL COMPOSITION COMPRISING A MIXTURE OF MESOTRIONE AND S-METOLACHLOR FOR CONTROLLING THE GROWTH OF LARGE CRABGRASS AND WHITE CLOVER, AND METHOD OF USE THEREOF**
[54] **COMPOSITION HERBICIDE COMPRENANT UN MELANGE DE MESOTRIONE ET DE S-METOLACHLOR POUR CONTROLER LA CROISSANCE DE LA DIGITAIRE SANGUINE ET DU TREFLE BLANC ET PROCEDE D'UTILISATION DE CELLE-CI**
[72] DUNNE, CHERYL LYNN, US
[72] JAMES, JOHN R., US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2009-01-13
[86] 2007-07-19 (PCT/US2007/073869)
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[30] US (60/807,753) 2006-07-19

[11] **2,658,108**
[13] C

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[25] FR
[54] **NEEDLELESS INJECTION DEVICE WITH DOUBLE STOPPER WITH LOW PRESSURE PROFILES**
[54] **DISPOSITIF D'INJECTION SANS AIGUILLE A DOUBLE STOPPEUR A PROFILS DE PRESSION ABAISSES**
[72] ALEXANDRE, PATRICK, FR
[73] CROSSJECT, FR
[85] 2009-01-12
[86] 2007-06-26 (PCT/FR2007/001055)
[87] (WO2008/009786)
[30] FR (0606506) 2006-07-18

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[25] EN
[54] **RESOURCE-BASED EVENT TYPING IN A RULES SYSTEM**
[54] **TYPAGE D'EVENEMENT A BASE DE RESSOURCE DANS UN SYSTEME DE REGLE**
[72] KAMINSKY, DAVID LOUIS, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2008-12-22
[86] 2007-09-25 (PCT/EP2007/060168)
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[13] C

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[25] EN
[54] **ADDITIVES FOR REMOVAL OF METALS POISONOUS TO CATALYSTS DURING FLUIDIZED CATALYTIC CRACKING OF HYDROCARBONS**
[54] **ADDITIFS DESTINES A ELIMINER DES METAUX AGISSANT COMME POISONS CATALYTIQUES PENDANT LE CRAQUAGE CATALYTIQUE FLUIDISE D'HYDROCARBURES**
[72] FRANCIS, JULIE ANN, US
[72] VADOVIC, CHARLES, US
[73] ALBEMARLE NETHERLANDS B.V., NL
[85] 2008-12-15
[86] 2007-06-29 (PCT/US2007/072560)
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[30] US (60/817,383) 2006-06-29

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[25] EN
[54] **ACTIVE INGREDIENT CONCENTRATES COMPRISING A 4-BENZOYL-SUBSTITUTED PYRAZOLE, 2-CHLORO-N-(2,4-DIMETHYL-3-THIENYL)-N-(2-METHOXY-1-METHYLETHYL)ACETAMIDE AND A SURFACTANT**
[54] **CONCENTRES D'INGREDIENT ACTIF COMPRENANT UN 4-BENZOYL-SUBSTITUE PYRAZOLE, 2-CHLORO-N-(2,4-DIMETHYL-3-THIENYL)-N-(2-METHOXY-1-METHYLETHYL)ACETAMIDACE TAMIDE ET UN SURFACTANT**
[72] KRAPP, MICHAEL, DE
[72] BERGHAUS, RAINER, DE
[72] BRATZ, MATTHIAS, DE
[72] KIBLER, ELMAR, DE
[72] VANTIEGHEM, HERVE R., DE
[73] BASF SE, DE
[85] 2009-01-27
[86] 2007-08-03 (PCT/EP2007/058091)
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[13] C

[51] **Int.Cl. C07D 405/04 (2006.01) A61K 31/501 (2006.01)**
[25] EN
[54] **3-(1,3-BENZODIOXOL-5-YL)-6-(4-CYCLOPROPYLPYPERAZIN-1-YL)-PYRIDAZINE, ITS SALTS AND SOLVATES AND ITS USE AS HISTAMINE H3 RECEPTOR ANTAGONIST**
[54] **3-(1,3-BENZODIOXOL-5-YL)-6-(4-CYCLOPROPYLPYPERAZIN-1-YL)-PYRIDAZINE, SES SELS ET SOLVATES ET LEUR UTILISATION EN TANT QU'ANTAGONISTE DU RECEPTEUR DE L'HISTAMINE H3**
[72] HOHLWEG, ROLF, DK
[73] HIGH POINT PHARMACEUTICALS, LLC, US
[85] 2008-11-28
[86] 2007-05-22 (PCT/EP2007/054940)
[87] (WO2007/137968)
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[30] EP (06120117.4) 2006-09-05

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[51] **Int.Cl. C02F 3/12 (2006.01) B01D 65/02 (2006.01)**
[25] EN
[54] **TREATMENT OF AQUEOUS LIQUID**
[54] **TRAITEMENT DE LIQUIDE AQUEUX**
[72] HANSON, CEDRIC CHARLES, GB
[72] PIGOTT, STUART MICHAEL, GB
[73] THE BOC GROUP LIMITED, GB
[85] 2008-11-19
[86] 2007-05-17 (PCT/GB2007/050273)
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[13] C
[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/04 (2013.01)**
[25] EN
[54] **STENT GRAFT**
[54] **GREFFON D'ENDOPROTHESE**
[72] HARTLEY, DAVID ERNEST, AU
[72] CHUTER, TIMOTHY A., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2009-01-30
[86] 2007-08-20 (PCT/US2007/018410)
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[30] US (60/838,776) 2006-08-18

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[13] C
[51] **Int.Cl. C07D 405/04 (2006.01) A61K 31/513 (2006.01) A61P 35/00 (2006.01)**
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[54] **NUCLEOSIDES, DRUGS CONTAINING THESE AND USE THEREOF**
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[54] **PROCEDE DE FABRICATION D'UN ACIDE AMINOPHOSPHINYLBUTANOIQ UE OPTIQUEMENT ACTIF**
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[72] NAKANISHI, NOZOMU, JP
[72] MITOMI, MASAOKI, JP
[72] NARA, HIDEKI, JP
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[54] **SYSTEME VIDEO A PLUSIEURS SPECTATEURS PERMETTANT DE FAIRE DEFILER DE MULTIPLES FENETRES VIDEO, ET METHODES CONNEXES**
[72] MOOTE, STANLEY R., CA
[72] MANCE, DANIEL, CA
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[73] IMAGINE COMMUNICATIONS CORP., US
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[72] GONG, LEYI, US
[72] MICHOD, CHRISTOPHE, US
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[72] BELAUBRE, FRANCOISE, FR
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[73] PIERRE FABRE DERMO-COSMETIQUE, FR
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[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[73] CROWN PACKAGING TECHNOLOGY, INC., US
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- [72] KOHN, JOACHIM, US
[72] BOLIKAL, DURGADAS, US
[72] SCHUT, JAAP, NL
[72] BALUCA, ERNEST G., US
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[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION COMME INHIBITEURS DE LA GLYCOGENE SYNTHASE KINASE 3**

[72] TURNER, SEAN COLM, DE

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[72] HARFST, MIKE, US

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[54] **PROCEDE DE RECONSTRUCTION D'UN SYSTEME DE SOUFFLAGE DE SUIE D'UNE CHAUDIERE DE RECUPERATION, SOUFFLEUR DE SUIE POUR UNE CHAUDIERE DE RECUPERATION ET SYSTEME DE SOUFFLAGE DE SUIE COMPRENANT DE PLURALITE SOUFFLEURS DE SUIE**

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[54] **PROCEDES DE PRODUCTION DE COMPOSITIONS PESTICIDES DE COMPOSITE GRANULAIRE ET COMPOSITIONS PRODUITES GRACE A CES PROCEDES**

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[54] **COUVRE-ROULEAUX A PEINDRE**

[72] DILYARD, RICKY L., US

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[54] **PROCEDE DE LISSAGE DE PANNEAU ET APPAREIL DESTINE A FORMER UNE SURFACE CONTINUE LISSE SUR DES PANNEAUX EN CIMENT STRUCTURAUX RENFORCES PAR DES FIBRES**
[72] STIVENDER, EUGENE SCOTT, US
[73] UNITED STATES GYPSUM COMPANY, US
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[72] KRIESELS, PETRUS CORNELIS, NL
[72] VAN NIEUWKOOP, PIETER, NL
[72] WUBBEN, ANTONIUS LEONARDUS MARIA, NL
[73] SHELL CANADA LIMITED, CA
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[54] **STRUCTURE ALVEOLAIRE EN PAPIER FORMEE D'UN LIANT THERMOPLASTIQUE IGNIFUGE**
[72] HENDREN, GARY LEE, US
[72] KHAN, SUBHOTOSH, US
[72] LEVIT, MIKHAIL R., US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **STRUCTURE ALVEOLAIRE CONTENANT DU PAPIER DE POLY(PARAPHENYLENE-TEREPHTHALAMIDE) COMPRENANT UN LIANT POLYAMIDE ALIPHATIQUE ET ARTICLES COMPOSES DE CETTE STRUCTURE**

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[54] **VACCIN CONTRE LA LEISHMANIA CANINE**

[72] FISCHER, LAURENT BERNARD, FR

[73] MERIAL LIMITED, US

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[72] SEIN, ARJEN, NL

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[54] **PRODUITS EN TISSU A JETER ANTI-PELUCHEUX**

[72] DYER, THOMAS JOSEPH, US

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[72] NICKEL, DEBORAH JOY, US

[72] RUNGE, TROY M., US

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[72] GOULET, MIKE T., US

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[54] **DISPOSITIF SEGMENTE D'ANCRAGE DE TISSUS ET SON PROCEDE D'UTILISATION**

[72] ROTELLA, JOHN A., US

[72] MCMICHAEL, DONALD J., US

[72] DAVILA, LUIS A., US

[72] DEMARCO, ALPHONSE, US

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[54] **REACTEUR POUR PYROLYSE ET PROCEDE POUR CHARGER ET VIDER LEDIT REACTEUR**

[72] ERSHAG, BENGT-STURE, SE

[73] SES IP AB, SE

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[54] **REVETEMENT PHOTOCATALYTIQUE**

[72] BAI, FENG, US

[72] GOULD, RACHAEL A. T., US

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[54] **PRODUCTION DE DISPOSITIFS OPHTHALMIQUES PAR POLYCONDENSATION PHOTO-INDUITE**
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[72] SCOTT, ROBERT, US
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[54] **BATCH WASTE GASIFICATION PROCESS**
[54] **PROCEDE DE GAZEIFICATION DE DECHETS EN VRAC**
[72] EINARSSON, FRIDFINNUR, IS
[73] WTE WASTE TO ENERGY CANADA, INC., CA
[85] 2009-06-05
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[54] **AN IMPROVED FALL SAFETY BARRIER**
[54] **BARRIERE DE SECURITE PERFECTIONNEE CONTRE LES CHUTES**
[72] PIZZOLATO, MARIO, AU
[73] C. & V. ENGINEERING COMPANY PTY. LTD., AU
[85] 2009-06-12
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[54] **MODULAR REACTOR FOR EXOTHERMIC/ENDOTHERMIC CHEMICAL REACTIONS**
[54] **REACTEUR MODULAIRE POUR DES REACTIONS CHIMIQUES EXOTHERMIQUES ET ENDOTHERMIQUES**
[72] PICCOLO, VINCENZO, IT
[72] BONOMI, SUSI, IT
[72] PIAZZA, MARZIO, IT
[73] ENI S.P.A., IT
[73] INSTITUT FRANCAIS DU PETROLE, FR
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[54] **OVER RUNNING CLUTCH FOR A DIRECT DRIVE MOTOR OPERATOR**
[54] **EMBRAYAGE A ROUE LIBRE POUR COMMANDE DE MOTEUR A ENTRAINEMENT DIRECT**
[72] JONES, WILLIAM J., US
[72] RODGERS, CRAIG A., US
[72] BOGDON, ERIK R., US
[72] SMELTZER, JAMES M., US
[73] EATON CORPORATION, US
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[25] EN
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[54] **FILMS EN COUCHES, EMBALLAGES PREPAREES A PARTIR D'EUX, ET LEURS PROCEDES DE FABRICATION**
[72] NIETO, JESUS, ES
[72] ROSENTHAL NEE MARTIN, CAROLA, ES
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2009-06-19
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[25] EN
[54] **IN VITRO METHODS FOR THE INDUCTION AND MAINTENANCE OF PLANT CELL LINES AS SINGLE SUSPENSION CELLS WITH INTACT CELL WALLS, AND TRANSFORMATION THEREOF**
[54] **PROCEDES IN VITRO POUR L'INDUCTION ET LA MAINTENANCE DE LIGNEES CELLULAIRES VEGETALES SOUS FORME DE CELLULES EN SUSPENSION UNIQUES AVEC DES PAROIS CELLULAIRES INTACTES, ET LA TRANSFORMATION DE CELLES-CI**
[72] SAMUEL, JAYAKUMAR P., US
[72] BERINGER, JEFFREY R., US
[72] SCHMITZER, PAUL R., US
[72] BURROUGHS, FRANK, US
[72] GARRISON, ROBBI J., US
[72] AINLEY, WILLIAM MICHAEL, US
[72] SAMBOJU, NARASIMHA CHARY, US
[73] DOW AGROSCIENCES LLC, US
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[54] **COMPOSITIONS ALIMENTAIRES CONTENANT DE L'ACIDE STEARIDONIQUE**

[72] WILKES, RICHARD S., US

[73] MONSANTO TECHNOLOGY LLC, US

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[54] **COMBINATION PRODUCT FOR CONTROLLING PARASITES ON ANIMALS**

[54] **PRODUIT DE COMBINAISON DESTINE A LA LUTTE CONTRE LES PARASITES CHEZ L'ANIMAL**

[72] SIRINYAN, KIRKOR, DE

[72] TURBERG, ANDREAS, DE

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[54] **CONFIGURATION DE CANAUX DE COMMANDE DANS UN SYSTEME DE COMMUNICATION MOBILE**

[72] WENGERTER, CHRISTIAN, DE

[72] SUZUKI, HIDETOSHI, JP

[72] NISHIO, AKIHIKO, JP

[73] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US

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[54] **PROCEDE PERFECTIONNE DE SECHAGE PAR PULVERISATION**

[72] SCHER, HERBERT B., US

[72] WINETZKY, DEBORAH S., US

[73] DANISCO US INC., US

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[13] C

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[25] EN

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[54] **NETTOYEUR A VIDE**

[72] CONRAD, WAYNE E., CA

[73] GBD CORP., BS

[85] 2009-07-16

[86] 2007-12-11 (PCT/CA2007/002216)

[87] (WO2008/070974)

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[30] US (60/894,005) 2007-03-09

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[25] EN

[54] **USE OF TOCOPHEROL AS A CO-CATALYST FOR RING OPENING POLYMERIZATION OF CYCLIC SILOXANES**

[54] **UTILISATION DU TOCOPHEROL COMME CO-CATALYSEUR DANS LA POLYMERISATION PAROUVERTURE DE CHAINE DE SILOXANES CYCLIQUES**

[72] TIITINEN, EMILIA, FI

[72] JUKARAINEN, HARRI, FI

[73] BAYER OY, FI

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[72] HANADA, KEIGO, JP

[73] KRINGLE PHARMA, INC., JP

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[13] C

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[54] **PYRIDINE AND PYRIDAZINE DERIVATIVES AS KINASE INHIBITORS**
[54] **PYRIDINE ET DERIVES DE PYRIDAZINE EN TANT QU'INHIBITEURS DE KINASE**

[72] LIANG, CONGXIN, US
[73] XCOVERY, INC., US
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[54] **IMPROVED METHOD OF MULTIPLEXED ANALYSIS USING ION MOBILITY SPECTROMETER**
[54] **PROCEDE D'ANALYSE MULTIPLEXEE AU MOYEN D'UN SPECTROMETRE DE MOBILITE IONIQUE**

[72] BELOV, MIKHAIL E., US
[72] SMITH, RICHARD D., US
[73] BATTELLE MEMORIAL INSTITUTE, US
[85] 2009-07-17
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[25] EN
[54] **CHROMATOGRAPHIC METHOD FOR HIGH YIELD PURIFICATION AND VIRAL INACTIVATION OF ANTIBODIES**
[54] **METHODE CHROMATOGRAPHIQUE POUR UNE PURIFICATION ET UNE ACTIVATION VIRALE TRES PERFORMANTES DES ANTICORPS**

[72] LEBING, WYTOLD R., US
[72] ALRED, PATRICIA, US
[72] LEE, DOUG C., US
[72] PAUL, HANSS-INGOLF, US
[73] BAYER CORPORATION, US
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[54] **DEGOMMAGE ENZYMATIQUE UTILISANT UN MELANGE DE PHOSPHOLIPASES PLA ET PLC**

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[72] ROSSWURM, ERIN MARIE, US
[72] GALHARDO, FLAVIO DA SILVA, US
[73] BUNGE OILS, INC., US
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[30] US (11/853,339) 2007-09-11

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[54] **INSTRUMENT POUR DEBITMETRES**

[72] CROTTIE, EDWARD THOMPSON, US
[73] DRESSER, INC., US
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[54] **APPAREIL ET PROCEDE DE DETECTION CAPACITIVE POUR DES ROBINETS**

[72] RODENBECK, ROBERT W., US
[72] BURKE, DAVID M., US
[72] ENSOR, TIMOTHY J., GB
[72] HALL, LINDSEY, US
[72] KOOTTUNGAL, PAUL D., US
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[54] **DYNAMIC ALLOCATION OF RADIO RESOURCES IN A PACKET SWITCHED COMMUNICATIONS-SYSTEM**

[54] **AFFECTATION DYNAMIQUE DE RESSOURCES RADIO DANS UN SYSTEME DE TELECOMMUNICATIONS A COMMUTATION PAR PAQUETS**

[72] STUBBS, MARTIN, CH

[73] FRANCE TELECOM, FR

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[54] **SURFACE TREATED CALCIUM CARBONATE AND ITS USE IN WASTE WATER TREATMENT**

[54] **CARBONATE DE CALCIUM QUI A REAGI EN SURFACE ET SON UTILISATION POUR TRAITER LES EAUX USEES**

[72] GANE, PATRICK A. C., CH

[72] SCHOLKOPF, JOACHIM, CH

[72] GANTENBEIN, DANIEL, CH

[72] GERARD, DANIEL E., CH

[73] OMYA INTERNATIONAL AG, CH

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[25] EN

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[54] **PROCESSUS DE PURIFICATION DE L'EAU PAR L'AJOUT DE CARBONATE DE CALCIUM NATUREL AYANT REAGI EN SURFACE**

[72] GANTENBEIN, DANIEL, CH

[72] SCHOELKOPF, JOACHIM, CH

[72] GANE, PATRICK A.C., CH

[73] OMYA INTERNATIONAL AG, CH

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[13] C

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[54] **BOULON DE TOILETTES**

[72] JOHNSON, CHARLES W., US

[72] JOHNSON, ANDREW R., US

[73] JOHNSON, CHARLES W., US

[73] JOHNSON, ANDREW R., US

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[87] (WO2008/094784)

[30] US (11/670,211) 2007-02-01

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[54] **AMINO ACID COMPOSITION**

[54] **COMPOSITION D'ACIDES AMINES**

[72] TSUCHITA, HIROSHI, JP

[72] SAITO, MASATO, JP

[72] SHIN, KAZUO, JP

[72] KUBOTA, YUKIHIKO, JP

[72] YAMADA, MASASHI, JP

[72] SEKI, KEISUKE, JP

[73] MEIJI CO., LTD., JP

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[54] **AUGMENTED REALITY-BASED SYSTEM AND METHOD PROVIDING STATUS AND CONTROL OF UNMANNED VEHICLES**

[54] **SYSTEME DE REALITE AUGMENTEE ET PROCEDE OFFRANT UNE CONFIGURATION ET UNE COMMANDE DE VEHICULES SANS PILOTE**

[72] BAILLOT, YOHAN, US

[73] EXELIS INC., US

[85] 2009-08-27

[86] 2008-03-07 (PCT/US2008/003037)

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[54] **METHOD AND APPARATUS FOR REPLACING A PROSTHETIC VALVE**

[54] **PROCEDE ET APPAREIL POUR REMPLACER UNE VALVULE PROTHETIQUE**

[72] ROWE, STANTON J., US

[73] EDWARDS LIFESCIENCES CORPORATION, US

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[54] **CONJUGUES D'OLIGOMERE-
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[72] RIGGS-SAUTHIER, JENNIFER, US
[72] DENG, BO-LIANG, US
[72] RILEY, TIMOTHY ANDREW, US
[73] NEKTAR THERAPEUTICS, US
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[13] C

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CONTROL OF A PROSTHETIC**
[54] **PROCEDE ET APPAREIL POUR
LA COMMANDE D'UNE
PROTHESE**
[72] LANIER, GREGORY R., US
[72] PERRY, N. CHRISTOPHER, US
[72] PASCOE, ANDREW P., US
[72] VAN DER MERWE, DIRK A., US
[73] DEKA PRODUCTS LIMITED
PARTNERSHIP, US
[85] 2009-08-31
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[25] EN
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[54] **APPAREIL DE SUPPORT
DYNAMIQUE**
[72] ALTOBELLI, DAVID E., US
[72] PERRY, N. CHRISTOPHER, US
[73] DEKA PRODUCTS LIMITED
PARTNERSHIP, US
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[13] C

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[25] EN
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CONTAINING REDUCED BETA-
GLUCAN AND PHYTIC ACID**
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CLOSED-LOOP DRIVING THE
CONTROL JACK OF A VARIABLE
COMPRESSION RATE ENGINE**
[54] **DISPOSITIF
ELECTROHYDRAULIQUE DE
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MOTEUR A TAUX DE
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[54] **PROCEDE POUR LA PREPARATION DE COMPOSITIONS POUR MODULER UNE CASCADE DE KINASES ET PROCEDE D'UTILISATION DE CELUI-CI**

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[25] EN

[54] **FLOW HYDRAULIC AMPLIFICATION FOR A PULSING, FRACTURING, AND DRILLING (PFD) DEVICE**

[54] **AMPLIFICATION HYDRAULIQUE D'ECOULEMENT POUR UN DISPOSITIF D'EMISSION D'IMPULSIONS, DE FRACTURATION, ET DE FORAGE (PFD)**

[72] KUSKO, DAVID JOHN, US

[72] VECSEI, GABOR, US

[72] LERNER, DANIEL MAURICE, US

[73] KUSKO, DAVID JOHN, US

[73] VECSEI, GABOR, US

[73] LERNER, DANIEL MAURICE, US

[85] 2009-11-03

[86] 2008-02-26 (PCT/US2008/002469)

[87] (WO2008/136883)

[30] US (60/927,400) 2007-05-03

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[11] **2,687,014**
[13] C

[51] **Int.Cl. C08J 9/00 (2006.01)**
[25] EN
[54] **FIRE RETARDANT
POLYSTYRENE**
[54] **POLYSTYRENE IGNIFUGE**
[72] BROUWER, WILLEM DIEDERIK, NL
[72] LAS, ERIC HENDRIKUS
 ENGELBERTUS, NL
[72] VAN LIEMT, WILLEM, NL
[72] RAUNIYAR, GOVIN, NL
[72] SOUREN, WILLEM HUBERT
 MARIE, NL
[73] INEOS NOVA INTERNATIONAL SA,
 CH
[85] 2009-11-10
[86] 2008-05-22 (PCT/EP2008/056321)
[87] (WO2008/145599)
[30] EP (07075407.2) 2007-05-30
[30] GB (0719015.0) 2007-09-28

[11] **2,687,066**
[13] C

[51] **Int.Cl. E21B 19/07 (2006.01)**
[25] EN
[54] **SINGLE JOINT ELEVATOR WITH
GRIPPING JAWS**
[54] **ELEVATEUR DE JOINT UNIQUE
AVEC MACHOIRES DE
PREHENSION**
[72] BOULIGNY, VERNON JOSEPH, US
[72] ARCENEUX, SCOTT JOSEPH, US
[73] FRANK'S INTERNATIONAL, LLC,
 US
[85] 2009-11-09
[86] 2008-05-07 (PCT/US2008/062910)
[87] (WO2008/141045)
[30] US (11/746,123) 2007-05-09

[11] **2,687,126**
[13] C

[51] **Int.Cl. B21D 43/02 (2006.01) B65G
47/244 (2006.01)**
[25] EN
[54] **CENTERING DEVICE FOR FLAT
WORKPIECES IN A PRESS AND
METHOD FOR ADJUSTING SUCH
A CENTERING DEVICE**
[54] **DISPOSITIF DE CENTRAGE POUR
DES PIECES A USINER PLANES
DANS UNE PRESSE ET PROCEDE
POUR AJUSTER UN DISPOSITIF
DE CENTRAGE DE CE TYPE**
[72] GERBER, MARKUS, CH
[72] STAUFFER, ADRIAN, CH
[72] MUELLER, MARTIN, CH
[73] GUEDEL GROUP AG, CH
[85] 2009-11-06
[86] 2008-02-19 (PCT/CH2008/000070)
[87] (WO2008/134904)
[30] EP (07405136.8) 2007-05-08

[11] **2,687,299**
[13] C

[51] **Int.Cl. B23D 77/00 (2006.01)**
[25] EN
[54] **ROTATABLY DRIVABLE
CUTTING TOOL**
[54] **OUTIL D'ENLEVEMENT DE
COPEAUX POUVANT ETRE
ENTRAINE EN ROTATION**
[72] KLEINER, GILBERT, DE
[72] SCHANZ, GERHARD, DE
[73] GUEHRING OHG, DE
[85] 2009-11-13
[86] 2008-04-30 (PCT/DE2008/000740)
[87] (WO2008/141606)
[30] DE (10 2007 023 168.9) 2007-05-20

[11] **2,687,488**
[13] C

[51] **Int.Cl. F42D 1/00 (2006.01) F42B 3/00
(2006.01) F42D 3/04 (2006.01)**
[25] EN
[54] **USE OF POST-BLAST MARKERS
IN THE MINING OF MINERAL
DEPOSITS**
[54] **UTILISATION DE MARQUEURS
POST-EXPLOSION DANS
L'EXTRACTION MINIERE DE
DEPOTS DE MINERAUX**
[72] SPATHIS, ALEXANDER THEOFILE,
 AU
[72] DARE-BRYAN, PETER CONRAN,
 AU
[72] APPLEBY, RODNEY WAYNE, AU
[72] GOODRIDGE, RICHARD JOHN, AU
[73] ORICA EXPLOSIVES
 TECHNOLOGY PTY LTD, AU
[85] 2009-11-17
[86] 2008-05-26 (PCT/AU2008/000739)
[87] (WO2008/144811)
[30] AU (2007902800) 2007-05-25

[11] **2,687,826**
[13] C

[51] **Int.Cl. B65G 17/08 (2006.01) B65G
23/06 (2006.01)**
[25] EN
[54] **MODULE FOR A MODULAR BELT
AND A DRIVING SPROCKET FOR
EASY CLEANING**
[54] **MODULE POUR UNE COURROIE
MODULAIRE ET PIGNON
D'ENTRAINEMENT POUR
NETTOYAGE FACILE**
[72] GULDENFELS, DIETER, CH
[72] LUCCHI, MARCO, CH
[73] HABASIT AG, CH
[85] 2009-11-20
[86] 2008-06-24 (PCT/CH2008/000281)
[87] (WO2009/003296)
[30] US (11/771,419) 2007-06-29

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[11] **2,687,952**
[13] C

[51] **Int.Cl. A01N 25/18 (2006.01) A01P 7/04 (2006.01) A61L 9/02 (2006.01) A01N 43/78 (2006.01) A01N 53/10 (2006.01)**

[25] EN

[54] **TABLET AND DEVICE FOR THE EVAPORATION OF VOLATILE SUBSTANCES**

[54] **COMPRIME ET DISPOSITIF POUR L'EVAPORATION DE SUBSTANCES VOLATILES**

[72] PEDROTTI, ANDREA, IT

[73] ZOBELE HOLDING S.P.A., IT

[85] 2009-11-23

[86] 2008-06-27 (PCT/EP2008/058273)

[87] (WO2009/003944)

[30] US (60/947,050) 2007-06-29

[11] **2,687,982**
[13] C

[51] **Int.Cl. B32B 3/04 (2006.01) D06N 1/00 (2006.01)**

[25] EN

[54] **LINOLEUM-COVERED PLATE WHERE THE EDGE OF THE PLATE IS COVERED WITH LINOLEUM BAND WITHOUT BASE**

[54] **PLAQUE RECOUVERTE DE LINOLEUM DONT LE BORD EST RECOUVERT D'UNE BANDE DE LINOLEUM SANS BASE**

[72] ALEXANDERSEN, ARNE, DK

[73] WO PRODUCTION APS, DK

[85] 2009-11-23

[86] 2008-05-23 (PCT/DK2008/000194)

[87] (WO2008/141648)

[30] DK (PA 2007 00761) 2007-05-24

[11] **2,688,341**
[13] C

[51] **Int.Cl. G01N 21/65 (2006.01) G01J 3/433 (2006.01)**

[25] EN

[54] **MICRO-FLUIDIC OPTICAL TRAP USING RAMAN SPECTRUM**

[54] **SPECTROSCOPIE RAMAN**

[72] DHOLAKIA, KISHAN, GB

[72] JESS, PHILIPP RONALD THOMAS, GB

[72] MAZILU, MICHAEL, GB

[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF ST. ANDREWS, GB

[85] 2009-11-25

[86] 2007-06-08 (PCT/GB2007/002121)

[87] (WO2007/141539)

[30] GB (0611289.0) 2006-06-08

[11] **2,688,348**
[13] C

[51] **Int.Cl. E21B 23/00 (2006.01)**

[25] EN

[54] **ELECTRICALLY POWERED TRACTOR**

[54] **TRACTEUR ALIMENTE ELECTRIQUEMENT**

[72] MOORE, NORMAN BRUCE, US

[73] WWT NORTH AMERICA HOLDINGS, INC., US

[85] 2009-11-25

[86] 2008-06-13 (PCT/US2008/067016)

[87] (WO2008/157428)

[30] US (60/944,078) 2007-06-14

[30] US (60/934,784) 2007-06-15

[30] US (60/964,788) 2007-08-14

[11] **2,688,366**
[13] C

[51] **Int.Cl. A61M 16/06 (2006.01)**

[25] EN

[54] **INTEGRATED MASK AND PRONGS FOR NASAL CPAP**

[54] **CAPUCHON ET LANGUETTES INTEGRES POUR MASQUE NASAL**

[72] HAN, STEVE, US

[72] DUQUETTE, STEVE, US

[72] MILLER, HAROLD, US

[73] CAREFUSION 207, INC., US

[85] 2009-11-23

[86] 2008-05-27 (PCT/US2008/064859)

[87] (WO2008/148086)

[30] US (11/807,513) 2007-05-29

[11] **2,688,560**
[13] C

[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/52 (2006.01) B01D 53/54 (2006.01) B01D 53/62 (2006.01) B01J 29/04 (2006.01)**

[25] EN

[54] **REMOVAL OF CO₂, N₂, AND H₂S FROM GAS MIXTURES CONTAINING SAME**

[54] **ELIMINATION DE CO₂, DE N₂ ET DE H₂S PRESENTS DANS DES MELANGES GAZEUX**

[72] CHANCE, RONALD R., US

[72] REYES, SEBASTIAN C., US

[72] DECKMAN, HARRY W., US

[72] DEMARTIN, GREGORY J., US

[72] KELLEY, BRUCE T., US

[72] THOMAS, EUGENE R., US

[72] NORTHROP, PAUL S., US

[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2009-11-18

[86] 2008-05-13 (PCT/US2008/006076)

[87] (WO2008/143826)

[30] US (60/930,826) 2007-05-18

[30] US (12/080,783) 2008-04-04

[11] **2,689,158**
[13] C

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01)**

[25] EN

[54] **METABOLITES OF THE JANUS KINASE INHIBITOR (R)-3-(4-(7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)-1H-PYRAZOL-1-YL)-3-CYCLOPENTYLPROPANENTRILE**

[54] **METABOLITES DE L'INHIBITEUR DE JANUS KINASE (R)-3-(4-(7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)-1H-PYRAZOL-1-YL)-3-CYCLOPENTYLPROPANENTRILE**

[72] RODGERS, JAMES D., US

[72] ARVANITIS, ARGYRIOS G., US

[72] SHI, JACK GUOEN, US

[73] INCYTE HOLDINGS CORPORATION, US

[85] 2009-12-01

[86] 2008-06-12 (PCT/US2008/066658)

[87] (WO2008/157207)

[30] US (60/943,695) 2007-06-13

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[11] **2,689,340**
[13] C

[51] **Int.Cl. C12P 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BIOGAS IN CONTROLLED CONCENTRATIONS OF TRACE ELEMENTS**

[54] **PROCEDE DE PRODUCTION DE BIOGAZ A CONCENTRATION CONTROLEE D'ELEMENTS A L'ETAT DE TRACES**

[72] OECHSNER, HANS, DE
[72] LEMMER, ANDREAS, DE
[72] RAMHOLD, DIETMAR, DE
[72] MATHIES, EDMUND, DE
[72] MAYRHUBER, ELISABETH, AT
[72] PREISSLER, DANIEL, DE
[73] ISF GMBH, DE
[85] 2009-11-27
[86] 2008-05-29 (PCT/EP2008/004266)
[87] (WO2008/145362)
[30] DE (10 2007 025 155.8) 2007-05-29

[11] **2,689,551**
[13] C

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH, LOW-TEMPERATURE STABLE HERBICIDAL FORMULATIONS OF FLUROXYPYR MEPTYL ESTER**

[54] **FORMULES HERBICIDES A HAUTE CONCENTRATION D'ESTER DE MEPTYL FLUROXYPYR, STABLES A BASSE TEMPERATURE**

[72] HOPKINS, DEREK, NZ
[73] DOW AGROSCIENCES LLC, US
[85] 2009-12-10
[86] 2008-08-05 (PCT/US2008/072203)
[87] (WO2009/025987)
[30] US (60/965,737) 2007-08-22

[11] **2,690,352**
[13] C

[51] **Int.Cl. A47J 43/10 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **ROLLING FOOD PROCESSOR**

[54] **PROCESSEUR DE FLOCONISATION ALIMENTAIRE**

[72] JOSSEM, ADAM A., US
[72] HOLCOMB, DAVID A., US
[73] CHEF'N CORPORATION, US
[85] 2009-12-09
[86] 2008-06-11 (PCT/US2008/066518)
[87] (WO2008/154567)
[30] US (60/943,241) 2007-06-11

[11] **2,690,649**
[13] C

[51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SELF-SERVE PROVISIONING OF SERVICES ON A MOBILE COMMUNICATION DEVICE**

[54] **SYSTEME ET METHODE DE PRESTATION DE LIBRE-SERVICES SUR UN APPAREIL DE COMMUNICATION MOBILE**

[72] EL-KADRI, BARAA, CA
[72] JANOSI, LEVENTE, CA
[72] FERRAZZINI, AXEL, CA
[72] MARTIN-COCHER, GAELLE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2690649)
[87] (2690649)
[22] 2010-01-21
[30] US (61/146,965) 2009-01-23
[30] EP (09161611.0) 2009-05-29

[11] **2,690,876**
[13] C

[51] **Int.Cl. A61F 11/08 (2006.01)**
[25] EN
[54] **SELF-CONFORMING SOUND ATTENUATION EARPLUG**

[54] **BOUCHON D'OREILLE ATTENUATEUR DE SON A PRISE DE FORME AUTOMATIQUE**

[72] PURCELL, RICKY WAYNE, US
[72] GEHLING, STEVEN CRAIG, US
[72] LEONG, WAIHONG, US
[72] MOSER, ANNE CLARE, US
[72] CORBIN, SEAN S., US
[72] BELLIVEAU, SCOTT MADISON, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2009-12-11
[86] 2008-05-06 (PCT/IB2008/051760)
[87] (WO2009/001231)
[30] US (11/821,390) 2007-06-22

[11] **2,690,881**
[13] C

[51] **Int.Cl. B28B 19/00 (2006.01) B32B 13/02 (2006.01) B32B 13/08 (2006.01)**
[25] EN
[54] **IMPROVED GYPSUM WALLBOARD AND METHOD OF MAKING SAME**

[54] **PLAQUE DE PLATRE AMELIOREE ET PROCEDE DE FABRICATION DE CELLE-CI**

[72] MARTIN, WILLIAM C., US
[72] STAV, ELI, US
[72] PLANTE, MATTHEW J., US
[72] HEERMANN, MARYN, US
[73] NATIONAL GYPSUM PROPERTIES, LLC, US
[85] 2009-12-14
[86] 2008-06-16 (PCT/US2008/067100)
[87] (WO2008/157479)
[30] US (60/944,093) 2007-06-14

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[11] **2,691,744**
[13] C

[51] **Int.Cl. B04B 3/00 (2006.01) A23L 1/01 (2006.01) B04B 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING COOKING OILS FROM SNACK FOOD PRODUCTS THROUGH A QUASI-CONTINUOUS CENTRIFUGE ACTION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE SEPARER DES HUILES DE CUISSON DE PRODUITS ALIMENTAIRES DU TYPE EN-CAS A TRAVERS UNE ACTION DE CENTRIFUGATION QUASI CONTINUE**
[72] JOHN, SILVESTER, AU
[72] ZARATE ANDRADE, LEOPOLDO, MX
[73] HEAT AND CONTROL, INC., US
[85] 2009-12-23
[86] 2008-06-23 (PCT/US2008/007782)
[87] (WO2009/002466)
[30] US (11/821,813) 2007-06-26

[11] **2,692,024**
[13] C

[51] **Int.Cl. H01R 25/00 (2006.01) A47B 21/06 (2006.01) H02B 1/015 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **LATCHING POWER AND DATA CENTER**
[54] **CENTRE DE DONNEES ET D'ALIMENTATION AVEC VERROUILLAGE**
[72] BYRNE, NORMAN R., US
[73] BYRNE, NORMAN R., US
[85] 2009-12-10
[86] 2008-06-11 (PCT/US2008/007281)
[87] (WO2008/154021)
[30] US (60/943,298) 2007-06-11

[11] **2,692,179**
[13] C

[51] **Int.Cl. G01N 9/00 (2006.01)**
[25] EN
[54] **MEASURING SYSTEM FOR A MEDIUM FLOWING IN A PROCESS LINE**
[54] **SYSTEME DE MESURE POUR UN FLUIDE S'ECOULANT DANS UNE CONDUITE DE PROCESSUS**
[72] HOECKER, RAINER, DE
[73] ENDRESS+HAUSER FLOWTEC AG, CH
[85] 2009-12-17
[86] 2008-06-27 (PCT/EP2008/058319)
[87] (WO2009/003961)
[30] DE (102007030691.3) 2007-06-30

[11] **2,692,654**
[13] C

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/304 (2006.01) A61K 8/99 (2006.01) A61K 33/30 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **ZINC-ENRICHED BIOMASS, METHOD FOR THE PREPARATION THEREOF AND PRO-BIOTIC, COSMETIC, DIETARY AND NUTRACEUTIC PRODUCTS COMPRISING THE SAME**
[54] **BIOMASSE ENRICHIE EN ZINC, SON PROCEDE DE PREPARATION, ET PRODUITS PROBIOTIQUES, COSMETIQUES, DIETETIQUES ET NUTRACEUTIQUES LA COMPRENANT**
[72] BENEDETTI, ALBERTO, IT
[72] GIRARDO, FRANCESCO, IT
[73] BIOMAN S.R.L., IT
[85] 2010-01-05
[86] 2008-07-22 (PCT/IB2008/052943)
[87] (WO2009/013709)
[30] IT (TO2007A000555) 2007-07-26

[11] **2,693,600**
[13] C

[51] **Int.Cl. C07D 403/14 (2006.01) C07D 413/10 (2006.01) C07D 413/14 (2006.01) C07D 417/10 (2006.01)**
[25] EN
[54] **PYRIDAZINONE DERIVATIVES**
[54] **DERIVES DE PYRIDAZINONE**
[72] DORSCH, DIETER, DE
[72] STIEBER, FRANK, DE
[72] SCHADT, OLIVER, DE
[72] BLAUKAT, ANDREE, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[85] 2010-01-08
[86] 2008-04-29 (PCT/EP2008/003473)
[87] (WO2009/006959)
[30] DE (10 2007 032 507.1) 2007-07-12

[11] **2,693,890**
[13] C

[51] **Int.Cl. E04C 1/39 (2006.01) E04B 2/20 (2006.01) E04C 5/16 (2006.01)**
[25] EN
[54] **A BLOCK WALL SYSTEM**
[54] **SYSTEME DE MUR EN PARPAING**
[72] KOHL, OLIVER, AU
[72] CURRAN, JAMIE CHRISTOPHER, AU
[72] THORLEY, CRAIG STEPHEN, AU
[72] RAFFERTY, CHRISTOPHER CHARLES, AU
[73] BLOCKAID PTY LTD, AU
[85] 2010-01-15
[86] 2008-07-18 (PCT/AU2008/001051)
[87] (WO2009/012519)
[30] AU (2007903944) 2007-07-20

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[11] **2,693,906**
[13] C

[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **POST-IMPLANT LENS POWER MODIFICATION**
[54] **MODIFICATION DE PUISSANCE DE LENTILLE POST-IMPLANT**
[72] SMILEY, TERAH WHITING, US
[72] SHADDUCK, JOHN H., US
[72] ESCH, VICTOR C., US
[72] SCHOLL, JOHN A., US
[72] ARGENTO, CLAUDIO, US
[72] CHESKIN, BARRY, US
[72] SMITH, DAVID JOHN, US
[72] BURNS, DENISE H., US
[73] POWERVISION, INC., US
[85] 2010-01-15
[86] 2008-07-23 (PCT/US2008/070931)
[87] (WO2009/015234)
[30] US (60/951,447) 2007-07-23

[11] **2,694,019**
[13] C

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **INTERNAL REFORMING SOLID OXIDE FUEL CELLS**
[54] **PILES A COMBUSTIBLE A OXYDE SOLIDE A REFORMATION INTERNE**
[72] FINNERTY, CAINE, US
[72] CAI, JUN, US
[73] NANO CP, LLC, US
[85] 2010-01-19
[86] 2008-07-18 (PCT/US2008/008776)
[87] (WO2009/014645)
[30] US (11/880,105) 2007-07-19

[11] **2,694,090**
[13] C

[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **METHOD FOR RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION SYSTEM, WIRELESS TERMINAL, AND BASE STATION UNIT**
[54] **PROCEDE D'ACCES ALEATOIRE DANS UN SYSTEME DE COMMUNICATION RADIO, SYSTEME DE COMMUNICATION RADIO, TERMINAL RADIO ET APPAREIL DE STATION DE BASE**
[72] OHTA, YOSHIKI, JP
[72] TAJIMA, YOSHIHARU, JP
[72] OBUCHI, KAZUHISA, JP
[72] KAWASAKI, YOSHIHIRO, JP
[73] FUJITSU LIMITED, JP
[85] 2010-01-20
[86] 2007-08-10 (PCT/JP2007/065745)
[87] (WO2009/022386)

[11] **2,694,099**
[13] C

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **A METHOD TO ENHANCE PROPPANT CONDUCTIVITY FROM HYDRAULICALLY FRACTURED WELLS**
[54] **PROCEDE DESTINE A STIMULER LA CONDUCTIVITE D'UN AGENT DE SOUTENEMENT DANS DES Puits HYDRAULIQUEMENT FRACTURES**
[72] WATTERS, JEFFREY THOMAS, US
[72] AMMACHATHRAM, MAHADEV, US
[72] WATTERS, LARRY THOMAS, US
[73] CSI TECHNOLOGIES, LLC, US
[85] 2010-01-20
[86] 2008-04-30 (PCT/US2008/061989)
[87] (WO2009/014786)
[30] US (11/782,151) 2007-07-24

[11] **2,694,229**
[13] C

[51] **Int.Cl. A61M 5/42 (2006.01) A61M 5/46 (2006.01) B24B 19/16 (2006.01) A61M 5/158 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **INJECTION APPARATUS AND SPECIAL NEEDLE FOR MAKING AN INJECTION AT A PREDETERMINED DEPTH IN THE SKIN**
[54] **APPAREIL D'INJECTION ET AIGUILLE SPECIALE POUR EFFECTUER UNE INJECTION A UNE PROFONDEUR PREDETERMINEE DANS LA PEAU**
[72] AASMUL, SOEREN, DK
[73] MEDTRONIC MINIMED, INC., US
[85] 2010-01-20
[86] 2008-08-14 (PCT/EP2008/060664)
[87] (WO2009/024522)
[30] GB (0716159.9) 2007-08-17

[11] **2,694,383**
[13] C

[51] **Int.Cl. B42D 15/00 (2006.01)**
[25] EN
[54] **SECURITY ELEMENT HAVING A PLURALITY OF OPTICALLY VARIABLE STRUCTURES**
[54] **ELEMENT DE SECURITE PRESENTANT PLUSIEURS STRUCTURES OPTIQUEMENT VARIABLES**
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[54] **CHEVRON ANTI-BRUIT POUR TUYERE, TUYERE ET TURBOMOTEUR POURVUS D'UN TEL CHEVRON**
[72] SYLLA, AMADOU ANDRE, FR
[72] HUBER, JEROME, FR
[72] PELAGATTI, OLIVIER, FR
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[54] **DISPOSITIF DE COMMUNICATION MOBILE SANS FIL AVEC GADGET D'ALTERATION DE LA VOIX ET PROCEDES CONNEXES**
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[73] BLACKBERRY LIMITED, CA
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[72] KLAMCZYNSKI, KATHARINE, DE
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[73] ALBIS INTERNATIONAL S.R.L., IT
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[54] **PROCEDE DE REALISATION D'UNE CELLULE DE FUSELAGE D'UN AERONEF**
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[54] **SYSTEME DE SUSPENSION, VEHICULE COMPRENANT UN TEL SYSTEME DE SUSPENSION ET PROCEDE POUR COMMANDER UN SYSTEME DE SUSPENSION**
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[72] TRUMPP, TOBIAS CHRISTIAN, US
[72] DOMOY, BRETT CHRISTOPHER, US
[72] ZANIEWSKI, JULIE KATHRYN, US
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[13] C

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[25] EN
[54] **COLD STORAGE OF ORGANOTYPICALLY CULTURED SKIN EQUIVALENTS FOR CLINICAL APPLICATIONS**
[54] **STOCKAGE A FROID D'EQUIVALENTS DE PEAU ISSUS DE CULTURE ORGANOTYPIQUE POUR DES APPLICATIONS CLINIQUES**
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[72] ALLEN-HOFFMANN, B. LYNN, US
[73] STRATATECH CORPORATION, US
[85] 2010-05-13
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[25] EN
[54] **FLOW CONTROL VALVE FOR HYDRAULIC VARIABLE SHOCK ABSORBERS**
[54] **REGULATEUR DE DEBIT POUR AMORTISSEUR HYDRAULIQUE VARIABLE**
[72] VANNUCCI, SERGIO NELO, BR
[73] MAGNETI MARELLI COPAF COMPANHIA FABRICADORA DE PECAS, BR
[85] 2010-05-18
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[25] EN
[54] **A HIGH-TIGHTNESS THREADED JOINT**
[54] **RACCORD FILETE A DEGRE ELEVE D'ETANCHEITE**
[72] ALDOHIN, VLADIMIR PETROVICH, RU
[72] EMEL'JANOV, ALEKSEJ VIKTOROVICH, RU
[72] EMEL'JANOV, JURIJ FJODOROVICH, RU
[72] ZASLAVSKIJ, ALEKSANDR VLADIMIROVICH, RU
[72] LEFLER, MIHAIL NOHOVICH, RU
[72] SIDORENKO, PAVEL NIKOLAEVICH, RU
[72] SHHERBAKOV, BORIS JUR'EVICH, RU
[73] OBSHHESTVO S OGRANICHENNOJ OTVETSTVENNOST'JU "TMK-PREMIUM SERVICES", RU
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[54] **CUP OF A PAPER MATERIAL, AND METHOD AND DEVICE FOR ITS MANUFACTURE**
[54] **GOBELET EN MATERIAU A BASE DE PAPIER, ET PROCEDE ET DISPOSITIF**
[72] MESSERSCHMID, UWE, DE
[72] STAHLCKER, WERNER, DE
[73] PTM PACKAGING TOOLS MACHINERY PTE. LTD., SG
[85] 2010-05-19
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[30] DE (10 2008 005 403.8) 2008-01-21

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[54] **MAGNETOCALORIC GENERATOR**
[54] **GENERATEUR MAGNETOCALORIQUE**
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[72] MULLER, CHRISTIAN, FR
[73] COOLTECH APPLICATIONS S.A.S., FR
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[25] FR
[54] **DEVICE AND METHOD FOR STABILISING THE PRESSURE AND THE FLOW OF A GASEOUS MIXTURE SUPPLIED TO A SURFACE-COMBUSTION CYLINDRICAL BURNER**
[54] **DISPOSITIF ET PROCEDE POUR STABILISER LA PRESSION ET LE DEBIT D'UN MELANGE GAZEUX ALIMENTANT UN BRULEUR CYLINDRIQUE A COMBUSTION DE SURFACE**
[72] LE MER, JOSEPH, FR
[72] GIANNONI, ROCCO, IT
[73] GIANNONI FRANCE, FR
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[30] FR (07 59967) 2007-12-19

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[25] EN
[54] **SYSTEM AND METHOD FOR PREVENTING UNAUTHORISED USE OF DIGITAL MEDIA**
[54] **SYSTEME ET PROCEDE SERVANT A PREVENIR L'UTILISATION NON AUTORISEE DE CONTENU MULTIMEDIA NUMERIQUE**
[72] KOUKINE, ANTON VALERIEVICH, NZ
[72] MEANS, OWEN MICHAEL, NZ
[72] HIGGINS, SEAN JOSEPH, NZ
[72] OSBORNE, PAUL, NZ
[73] MOTOROLA MOBILITY LLC, US
[85] 2010-06-03
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[13] C

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[25] FR
[54] **APPARATUS FOR CLEANING A SUBMERGED SURFACE INCLUDING A BRUSHING DEVICE DRIVEN BY MEMBERS FOR DRIVING THE APPARATUS ON THE SUBMERGED SURFACE**
[54] **APPAREIL NETTOYEUR DE SURFACE IMMERGEE COMPRENANT UN DISPOSITIF DE BROSSAGE ENTRAINE PAR LES ORGANES D'ENTRAINEMENT DE L'APPAREIL SUR LA SURFACE IMMERGEE**
[72] PICHON, PHILIPPE, FR
[72] MASTIO, EMMANUEL, FR
[73] ZODIAC POOL CARE EUROPE, FR
[85] 2010-06-16
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[30] FR (0708993) 2007-12-21

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[13] C

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[25] EN
[54] **IMPROVEMENT IN OR RELATING TO THICKENERS HAVING SELF-DILUTING FEEDWELL**
[54] **PERFECTIONNEMENT APORTE AUX EPAISSISSEURS COMPORTANT UN Puits D'ALIMENTATION AUTO-DILUANT OU Y ETANT ASSOCIE**
[72] MCELVENNY, RHETT, AU
[73] DELKOR PTY. LTD., AU
[85] 2010-06-03
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[87] (WO2009/070831)
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[11] **2,708,559**
[13] C

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[25] EN
[54] **TREATMENT OF COLON DISEASES OR PREVENTION OF COLORECTAL CARCINOMA WITH IMIDAZOQUINOLINE DERIVATIVES**
[54] **TRAITEMENT DE MALADIES DU COLON OU PREVENTION DU CARCINOME COLORECTAL AU MOYEN DE DERIVES D'IMIDAZOQUINOLINE**
[72] MAUS, JOACHIM, DE
[72] SZELENYI, ISTVAN, DE
[72] PETZOLD, URSULA, DE
[73] MEDA AB, SE
[85] 2010-06-09
[86] 2008-12-23 (PCT/EP2008/011088)
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[30] US (61/006,459) 2008-01-15

[11] **2,710,372**
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) B01L 3/14 (2006.01)**
[25] EN
[54] **CONTAINER FOR THE PREPARATION, PRESERVATION AND STORAGE OF BIOLOGICAL SAMPLES USING A DRYING AGENT**
[54] **RECIPIENT CONTENANT UN DESSICCATIF ET DESTINE A RECUEILLIR, CONSERVER ET STOCKER DES ECHANTILLONS BIOLOGIQUES**
[72] BERNER, ALEXANDER, DE
[72] HOSTETTLER, BERNHARD, CH
[73] PRIONICS AG, CH
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[54] **COMPOSITIONS ET DISPOSITIFS**

[72] PRENCIPE, MICHAEL, US
[72] ROBINSON, RICHARD SCOTT, US
[72] KOHLI, RAJNISH, US
[72] SULLIVAN, RICHARD J., US
[73] COLGATE-PALMOLIVE COMPANY, US

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[13] C

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[54] **TECHNIQUES FOR TRANSFER ERROR RECOVERY**
[54] **TECHNIQUES POUR RECUPERATION D'ERREURS DE TRANSFERT**

[72] RAGHAV, AMRITANSH, US
[72] TROMMSDORFF, MICHAEL, US
[72] RAMANATHAN, RAJESH, US
[72] STREBEL, ANDREAS, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2010-06-25
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[11] **2,710,928**
[13] C

[51] **Int.Cl. A61K 35/768 (2015.01) A61K 31/4188 (2006.01) A61K 31/7068 (2006.01) A61P 35/00 (2006.01)**

[25] EN
[54] **PARVOVIRUS CANCER THERAPY AND COMBINATION WITH CHEMOTHERAPY**
[54] **PROCEDE POUR LA THERAPIE DU CANCER AVEC UN PARVOVIRUS COMBINE AVEC LA CHIMIOETHERAPIE**

[72] ROMMELAERE, JEAN, DE
[72] RAYKOV, ZAHARI, DE
[72] SCHLEHOFER, JOERG, DE
[72] KIPRIJANOVA, IRINA, DE
[72] HEIMBERGER, TANJA, DE
[72] ANGELOVA, ASSIA, BG
[72] GELETNEKY, KARSTEN, DE
[72] APRAHAMIAN, MARC, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE

[73] RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG, DE

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[30] EP (07025216.8) 2007-12-28

[11] **2,711,028**
[13] C

[51] **Int.Cl. A61B 17/86 (2006.01)**

[25] EN
[54] **A TACK OR DRIVE SCREW FOR SECURING A PROSTHESIS TO BONE AND ASSOCIATED INSTRUMENTATION AND METHOD**
[54] **POINTE OU CLOU-VIS POUR FIXATION D'UNE PROTHESE SUR L'OS ET INSTRUMENTS ET PROCEDE ASSOCIES**

[72] MORGAN, MICKEY, US
[72] PELOZA, JOHN, US
[72] LEE, RANDALL, US
[72] KEANE, MICHAEL, US
[72] MILLER, WILLIAM, US
[72] TALBOT, JAMES, US
[72] VENNARD, DANIEL, US
[72] GABELBERGER, JOSEF, US
[73] SYNTHES USA, LLC, US

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[13] C

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[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING THE GROWTH OF A MOBILE COMMUNITY**
[54] **SYSTEME ET PROCEDE POUR FACILITER LE DEVELOPPEMENT D'UNE COMMUNAUTE MOBILE**

[72] UNDERWOOD, JOHN ANTHONY, PH
[72] KEYS, CHRISTOPHER EDWARD, PH
[72] KERO, MARKKU, PH
[72] LEINONEN, RAINER, PH
[73] 3RD BRAND PTE. LTD. (COMPANY REGISTRATION NO. 200719143G), SG

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[87] (WO2010/002355)
[30] SG (200805067-6) 2008-07-04

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[13] C

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[54] **PRESSURIZED TWO-COMPONENT CAN WITH SEALED RELEASE MECHANISM**
[54] **RECEPTACLE SOUS PRESSION POUR DEUX COMPOSANTS A MECANISME DE DECLenchement ETANCHE**

[72] KWASNY, HANS-PETER, DE
[73] PETER KWASNY GMBH, DE

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[54] **METHOD FOR PRODUCING AN ENAMELLED STEEL SUBSTRATE**
[54] **PROCEDE DE FABRICATION D'UN SUBSTRAT D'ACIER EMAILLE**
[72] LEVEAUX, MARC, FR
[72] GONZALEZ, JAVIER, BE
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
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[30] EP (08150162.9) 2008-01-10

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[13] C

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[25] FR
[54] **IMPLANTABLE ONE-PIECE HEART PROSTHESIS**
[54] **PROTHESE CARDIAQUE MONOBLOC IMPLANTABLE**
[72] GRIMME, MARC, FR
[72] GOURGUES, JEAN-ELIE, FR
[72] CARPENTIER, ALAIN, FR
[72] WARTELLE, CLAUDE, FR
[73] CARMAT, FR
[85] 2010-07-12
[86] 2009-01-07 (PCT/FR2009/000008)
[87] (WO2009/112662)
[30] FR (08/00184) 2008-01-14

[11] **2,712,768**
[13] C

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[25] EN
[54] **MAGNETIC FREEZER BASKET PULL**
[54] **TRACTION MAGNETIQUE DE PANIER DE CONGELATEUR**
[72] BROWN, ANDREW D., US
[72] BAYNE, MICHAEL, US
[73] ELECTROLUX HOME PRODUCTS, INC., US
[85] 2010-07-21
[86] 2009-01-12 (PCT/US2009/030733)
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[30] US (12/019,957) 2008-01-25

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[13] C

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[25] EN
[54] **ELECTRODE AND A METHOD FOR MAKING SAME**
[54] **ELECTRODE ET SON PROCEDE DE FABRICATION**
[72] HOP, JORUND, NO
[72] VEE, INGE ARILD, NO
[73] NORSK HYDRO ASA, NO
[85] 2010-07-27
[86] 2009-02-02 (PCT/NO2009/000037)
[87] (WO2009/099335)
[30] NO (20080680) 2008-02-06

[11] **2,713,203**
[13] C

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[25] EN
[54] **DEVICE WITH DIRECT CONTROL, IN PARTICULAR PROPORTIONAL AND/OR RECTILINEAR CONTROL, FOR FLUID LOADING AND/OR UNLOADING SYSTEM**
[54] **DISPOSITIF DE REGLAGE DIRECT, EN PARTICULIER REGLAGE PROPORTIONNEL ET/OU RECTILIGNE, POUR UN SYSTEME DE CHARGEMENT ET/OU DECHARGEMENT DE SYSTEME**
[72] SYLARD, NICOLAS, FR
[73] FMC TECHNOLOGIES SA, FR
[85] 2010-07-22
[86] 2008-06-23 (PCT/IB2008/002628)
[87] (WO2009/098540)
[30] FR (0850820) 2008-02-08

[11] **2,713,326**
[13] C

[51] **Int.Cl. E21B 47/01 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PIPE-CONVEYED WELL LOGGING**
[54] **METHODE ET APPAREILLAGE DE DIAGRAPHIE DE SONDAGE A TRANSPORT PAR TRAIN DE TIGES**
[72] MACDOUGALL, TOM, US
[72] BISSONNETTE, HAROLD S., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2713326)
[87] (2713326)
[22] 2010-08-17
[30] US (12/543,606) 2009-08-19

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[13] C

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[25] EN
[54] **FLOW-INDUCING BAFFLE FOR ENGINE COMPARTMENT VENTILATION**
[54] **DEFLECTEUR D'INDUCTION D'ECOULEMENT POUR VENTILATION DE COMPARTIMENT DE MOTEUR**
[72] BRAUN, KEVIN GORDON, US
[72] SASS, STEVEN RICHARD, US
[72] FAUST, MICHAEL PAUL, US
[72] CRANE, JESSE ADAM, US
[73] DEERE & COMPANY, US
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[30] US (12/022,535) 2008-01-30

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[13] C

[51] **Int.Cl. E05B 9/04 (2006.01)**
[25] EN
[54] **BAR FOR CONNECTING THE TWO CYLINDER HALVES OF A VARIABLE-LENGTH DOUBLE LOCKING CYLINDER**

[54] **BARRE DE RACCORDEMENT DE DEUX MOITIÉS DE CYLINDRE A DOUBLE VERROUILLAGE DE LONGUEUR VARIABLE**

[72] SPANI, URS, CH
[73] ASSA ABLOY (SCHWEIZ) AG, CH
[85] 2010-07-28
[86] 2009-02-03 (PCT/CH2009/000040)
[87] (WO2009/100548)
[30] EP (08405040.0) 2008-02-14

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[13] C

[51] **Int.Cl. B66C 1/66 (2006.01) B28B 23/00 (2006.01) E04B 1/41 (2006.01) E04G 21/14 (2006.01)**

[25] FR
[54] **ANCHOR FOR HANDLING CONSTRUCTION ELEMENTS COMPRISING FIXED DIVERGENT ARMS**

[54] **ANCRE DE MANUTENTION D'ELEMENTS DE CONSTRUCTION AUX BRANCHES DIVERGENTES MAINTENUES**

[72] ARTEON, MARCEL, FR
[73] ARTEON, MARCEL, FR
[85] 2010-08-03
[86] 2009-02-09 (PCT/FR2009/050207)
[87] (WO2009/101353)
[30] EP (08300079.4) 2008-02-08

[11] **2,714,343**
[13] C

[51] **Int.Cl. C09J 7/02 (2006.01)**
[25] EN
[54] **SEMI-IPN POLYURETHANE/POLYUREA PROTECTIVE FILMS**

[54] **FILM PROTECTEUR EN POLYURETHANE/POLYUREE SEMI-IPN**

[72] MARX, RYAN E., US
[72] FLEISCHHACKER, GERALD F., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2010-08-05
[86] 2009-02-06 (PCT/US2009/033406)
[87] (WO2009/100341)
[30] US (61/027,177) 2008-02-08

[11] **2,715,100**
[13] C

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) C07K 14/705 (2006.01)**

[25] EN
[54] **A NOVEL RECEPTOR TREM(TRIGGERING RECEPTOR EXPRESSED ON MYELOID CELLS) AND USES THEREOF**

[54] **NOUVEAU RECEPTEUR TREM (RECEPTEUR ACTIVATEUR EXPRIME DANS LES CELLULES MYELOIDES) ET SES UTILISATIONS**

[72] COLONNA, MARCO, US
[72] BOUCHON, AXEL, DE
[73] COSMO SPA, IT
[86] (2715100)
[87] (2715100)
[22] 2001-03-28
[62] 2,342,376
[30] US (60/277,238) 2001-03-20

[11] **2,716,319**
[13] C

[51] **Int.Cl. A45C 13/28 (2006.01) E05B 65/52 (2006.01)**

[25] EN
[54] **SUITCASE FOR TRANSPORT OF TOOLS OR THE LIKE**

[54] **MALLETTE POUR TRANSPORT D'OUTILS OU ANALOGUES**

[72] RIEDEL, ROBERT BYRIEL, DK
[72] FRAHM, SOREN XERXES, DK
[73] RAACO INTERNATIONAL A/S, DK
[85] 2010-08-20
[86] 2009-02-25 (PCT/DK2009/050043)
[87] (WO2009/106082)
[30] DK (PA 2008 000258) 2008-02-25

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[13] C

[51] **Int.Cl. G10L 19/00 (2013.01) G10L 19/025 (2013.01) G10L 19/02 (2013.01)**

[25] EN
[54] **DEVICE AND METHOD FOR MANIPULATING AN AUDIO SIGNAL HAVING A TRANSIENT EVENT**

[54] **DISPOSITIF ET PROCÉDE POUR MANIPULER UN SIGNAL AUDIO COMPORTANT UN ÉVÉNEMENT TRANSITOIRE**

[72] DISCH, SASCHA, DE
[72] NAGEL, FREDERIK, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] MULTRUS, MARKUS, DE
[72] FUCHS, GUILLAUME, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2010-09-08
[86] 2009-02-17 (PCT/EP2009/001108)
[87] (WO2009/112141)
[30] US (61/035,317) 2008-03-10

[11] **2,718,644**
[13] C

[51] **Int.Cl. H04B 7/005 (2006.01)**
[25] EN
[54] **IMPROVED UPLINK SCHEDULING IN A CELLULAR SYSTEM**

[54] **PROGRAMMATION AMÉLIORÉE DE LIAISON MONTANTE DANS UN SYSTÈME CELLULAIRE**

[72] PARKVALL, STEFAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-09-15
[86] 2008-06-25 (PCT/SE2008/050767)
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[30] US (61/037,807) 2008-03-19

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[51] **Int.Cl. B02C 9/04 (2006.01) B02B 1/08 (2006.01)**
[25] EN
[54] **GRAIN FRACTION EXTRACTION MATERIAL PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION DE MATERIAU D'EXTRACTION DE FRACTION DE GRAIN**
[72] DELINE, KENNETH E., US
[72] CLAYCAMP, DANIEL L., US
[72] FETHERSTON, DANIEL, US
[72] MARENTIS, RODGER T., US
[73] MOR TECHNOLOGY, LLC, US
[85] 2010-09-20
[86] 2008-03-21 (PCT/US2008/003794)
[87] (WO2008/115594)
[30] US (11/726,255) 2007-03-21
[30] US (12/001,624) 2007-12-12

[11] **2,719,130**
[13] C

[51] **Int.Cl. G05B 23/02 (2006.01) G06F 11/30 (2006.01)**
[25] FR
[54] **METHOD FOR DETERMINING THE OPERATING FORECAST FOR A SYSTEM**
[54] **PROCEDE DE DETERMINATION DU PRONOSTIC DE FONCTIONNEMENT D'UN SYSTEME**
[72] MOREAU, KATELL, FR
[72] ROUET, VINCENT, FR
[72] FOUCHER, BRUNO, FR
[73] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE, FR
[85] 2010-09-21
[86] 2009-04-01 (PCT/EP2009/002378)
[87] (WO2009/121583)
[30] FR (0852171) 2008-04-02

[11] **2,719,163**
[13] C

[51] **Int.Cl. B64C 9/24 (2006.01)**
[25] EN
[54] **IMPROVED SLAT CONFIGURATION FOR FIXED-WING AIRCRAFT**
[54] **CONFIGURATION DE BEC DE BORD D'ATTAQUE AMELIOREE POUR AERONEF A VOILURE FIXE**
[72] KAFYEKE, FASSI, CA
[72] KHO, CEDRIC, CA
[72] LANGLOIS, MARC, CA
[73] BOMBARDIER INC., CA
[85] 2010-08-06
[86] 2008-02-12 (PCT/IB2008/000311)
[87] (WO2009/101461)

[11] **2,719,295**
[13] C

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 51/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MODIFIED HYDROXYPOLYMER CONJUGATES WITH BONE SEEKING AND TUMOR KILLING MOIETIES**
[54] **CONJUGUES D'HYDROXYPOLYMERES MODIFIES AVEC GROUPES CARACTERISTIQUES D'OSTEOTROPE ET DE DESTRUCTION DE TUMEUR**
[72] HOLMBERG, ANDERS, SE
[73] DEXTECH MEDICAL AB, SE
[85] 2010-09-22
[86] 2008-04-07 (PCT/EP2008/054139)
[87] (WO2009/124580)

[11] **2,719,351**
[13] C

[51] **Int.Cl. B23P 13/02 (2006.01) B23C 3/18 (2006.01) B23P 15/00 (2006.01) B23Q 11/00 (2006.01) B24C 1/04 (2006.01) B26F 3/00 (2006.01) F01D 5/34 (2006.01)**
[25] FR
[54] **IMPROVED METHOD FOR PRODUCING A ONE-PIECE BLADED DISC, WITH TEMPORARY BLADE-SUPPORTING RING**
[54] **PROCEDE AMELIORE DE FABRICATION D'UN DISQUE AUBAGE MONOBLOC, AVEC ANNEAU PROVISoire DE MAINTIEN DES AUBES**
[72] BERLANGER, SERGE, FR
[72] BORDU, SEBASTIEN, FR
[72] MALEVILLE, THIERRY JEAN, FR
[72] ROCA, CHRISTOPHE CHARLES MAURICE, FR
[73] SNECMA, FR
[85] 2010-09-22
[86] 2009-03-25 (PCT/EP2009/053481)
[87] (WO2009/121764)
[30] FR (08 52073) 2008-03-31

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[11] **2,719,352**
[13] C

[51] **Int.Cl. B23P 13/02 (2006.01) B23C 3/18 (2006.01) B23P 15/00 (2006.01) B23Q 11/00 (2006.01) B24C 1/04 (2006.01) B26F 3/00 (2006.01) F01D 5/34 (2006.01)**

[25] FR

[54] **IMPROVED METHOD FOR PRODUCING A ONE-PIECE BLADED DISC, WITH TEMPORARY BLADE-SUPPORTING RING WHICH IS REMOVED BEFORE A FINISH-MILLING STEP**

[54] **PROCEDE AMELIORE DE FABRICATION D'UN DISQUE AUBAGE MONOBLOC, AVEC ANNEAU PROVISoire DE MAINTIEN DES AUBES RETIRE AVANT UNE ETAPE DE FINITION PAR FRAISAGE**

[72] BERLANGER, SERGE, FR
[72] BORDU, SEBASTIEN, FR
[72] MALEVILLE, THIERRY JEAN, FR
[72] ROCA, CHRISTOPHE CHARLES MAURICE, FR

[73] SNECMA, FR

[85] 2010-09-22
[86] 2009-03-25 (PCT/EP2009/053482)
[87] (WO2009/121765)
[30] FR (08 52077) 2008-03-31

[11] **2,719,353**
[13] C

[51] **Int.Cl. B23P 13/02 (2006.01) B23C 1/04 (2006.01) B23C 3/18 (2006.01) B23P 15/00 (2006.01) B23Q 11/00 (2006.01) B26F 3/00 (2006.01)**

[25] FR

[54] **IMPROVED METHOD FOR PRODUCING A ONE-PIECE BLADED DISC, WITH TEMPORARY BLADE-SUPPORTING RING AT A DISTANCE FROM THEIR TIPS**

[54] **PROCEDE AMELIORE DE FABRICATION D'UN DISQUE AUBAGE MONOBLOC, AVEC ANNEAU PROVISoire DE MAINTIEN DES AUBES AGENCE A DISTANCE DE LEUR TETE**

[72] BERLANGER, SERGE, FR
[72] BORDU, SEBASTIEN, FR
[72] MALEVILLE, THIERRY JEAN, FR
[72] ROCA, CHRISTOPHE CHARLES MAURICE, FR

[73] SNECMA, FR

[85] 2010-09-22
[86] 2009-03-25 (PCT/EP2009/053484)
[87] (WO2009/121766)
[30] FR (08 52080) 2008-03-31

[11] **2,720,091**
[13] C

[51] **Int.Cl. G09G 3/20 (2006.01) G09G 5/10 (2006.01)**

[25] EN

[54] **METHODS FOR DRIVING ELECTRO-OPTIC DISPLAYS**

[54] **PROCEDES PERMETTANT D'EXCITER DES AFFICHAGES ELECTROOPTIQUES**

[72] OHKAMI, TAKAHIDE, US
[72] GATES, HOLLY G., US
[73] E INK CORPORATION, US

[85] 2010-09-29
[86] 2009-04-13 (PCT/US2009/040362)
[87] (WO2009/126957)
[30] US (61/044,067) 2008-04-11

[11] **2,721,231**
[13] C

[51] **Int.Cl. C12N 15/13 (2006.01) C07K 16/18 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **SEQUENCE DIVERSITY GENERATION IN IMMUNOGLOBULINS**

[54] **CREATION DE DIVERSITE DE SEQUENCES DANS DES IMMUNOGLOBULINES**

[72] GALLO, MICHAEL, CA
[72] KANG, JASPAL SINGH, CA
[72] PIGOTT, CRAIG ROBIN, CA
[73] INNOVATIVE TARGETING SOLUTIONS INC., CA

[85] 2010-10-12
[86] 2009-04-14 (PCT/US2009/040540)
[87] (WO2009/129247)
[30] US (61/044,795) 2008-04-14

[11] **2,721,238**
[13] C

[51] **Int.Cl. C08L 101/12 (2006.01) E01F 15/14 (2006.01)**

[25] EN

[54] **REBOUND CONTROL MATERIAL**

[54] **MATERIAU DE CONTROLE DU REBOND**

[72] SERMAN, CARL, US
[72] PLAXICO, CHUCK, US
[72] SAYRE, JAY, US
[72] VALENTINE, KARY, US
[72] MIELE, CHARLES, US
[72] KENNEDY, JAMES, US
[73] BATTELLE MEMORIAL INSTITUTE, US

[85] 2010-10-13
[86] 2009-03-16 (PCT/US2009/037253)
[87] (WO2009/117348)
[30] US (61/037,067) 2008-03-17

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[11] **2,722,482**
[13] C
[51] **Int.Cl. A01B 73/04 (2006.01)**
[25] EN
[54] **AN ARTICULATING AND LOCKING MECHANISM FOR A CHASSIS OF AN AGRICULTURAL IMPLEMENT, AND AN AGRICULTURAL IMPLEMENT**
[54] **MECANISME D'ARTICULATION ET DE VERROUILLAGE POUR CHASSIS D'INSTRUMENT AGRICOLE ET INSTRUMENT AGRICOLE**
[72] MARCHESAN, JOAO CARLOS, BR
[73] MARCHESAN IMPLEMENTOS E MAQUINAS AGRICOLAS TATU S/A, BR
[85] 2010-10-25
[86] 2008-01-15 (PCT/BR2008/000010)
[87] (WO2008/144861)
[30] BR (PI0702606-4) 2007-05-31

[11] **2,722,990**
[13] C
[51] **Int.Cl. F22G 5/12 (2006.01)**
[25] EN
[54] **DESUPERHEATER SPRAY NOZZLE**
[54] **BUSE DE PULVERISATION DE DESURCHAUFFEUR**
[72] FREITAS, STEPHEN G., US
[72] SELZER, ORY D., US
[72] NEWTON, RAYMOND R., US
[73] CONTROL COMPONENTS, INC., US
[85] 2010-10-29
[86] 2008-12-23 (PCT/US2008/088227)
[87] (WO2009/136967)
[30] US (12/118,615) 2008-05-09

[11] **2,723,075**
[13] C
[51] **Int.Cl. C22C 23/00 (2006.01)**
[25] EN
[54] **MAGNESIUM ALLOY CAST MATERIAL**
[54] **MATERIAU DE COULEE EN ALLIAGE DE MAGNESIUM**
[72] NUMANO, MASATADA, JP
[72] NAKAI, YOSHIHIRO, JP
[72] IKEDA, TOSHIYA, JP
[72] NISHIKAWA, TAICHIRO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[86] (2723075)
[87] (2723075)
[22] 2005-06-28
[62] 2,572,480
[30] JP (2004-194844) 2004-06-30

[11] **2,725,135**
[13] C
[51] **Int.Cl. B03D 1/02 (2006.01)**
[25] EN
[54] **PROCESSING NICKEL BEARING SULPHIDES**
[54] **TRAITEMENT DE SULFURES CONTENANT DU NICKEL**
[72] PYKE, BRENDAN, AU
[72] JUDD, BRIAN, AU
[72] SENIOR, GEOFFERY DAVID, AU
[73] BHP BILLITON SSM DEVELOPMENT PTY LTD, AU
[85] 2010-11-22
[86] 2009-01-09 (PCT/AU2009/000026)
[87] (WO2009/086606)
[30] AU (2008900099) 2008-01-09

[11] **2,725,560**
[13] C
[51] **Int.Cl. C07D 491/22 (2006.01) B01J 23/755 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CAMPTOTHECIN DERIVATIVES**
[54] **PROCEDE DE PRODUCTION DE DERIVES DE CAMPTHOTHECINE**
[72] TOYODA, ASAKO, JP
[72] NAGAI, HAZUKI, JP
[72] WANYOIKE, GEORGE NG'ANG'A, JP
[73] SICHUAN XIELI PHARMACEUTICAL CO., LTD., CN
[73] MICROBIOPHARM JAPAN CO., LTD., JP
[85] 2010-11-23
[86] 2009-05-22 (PCT/JP2009/059825)
[87] (WO2009/145282)
[30] JP (2008-140942) 2008-05-29

[11] **2,725,913**
[13] C
[51] **Int.Cl. F17C 13/04 (2006.01) A62B 9/02 (2006.01)**
[25] EN
[54] **MOBILE GAS SUPPLY SYSTEM**
[54] **SYSTEME MOBILE D'ALIMENTATION EN GAZ**
[72] SEEBER, MANFRED, DE
[72] GUENZEL, GERALD, DE
[73] TESCOM CORPORATION, US
[85] 2010-11-25
[86] 2009-05-21 (PCT/US2009/044804)
[87] (WO2009/148841)
[30] US (61/057,098) 2008-05-29
[30] US (12/467,625) 2009-05-18

[11] **2,727,151**
[13] C
[51] **Int.Cl. E02B 17/00 (2006.01) B63B 35/44 (2006.01) E04B 5/43 (2006.01)**
[25] EN
[54] **RIGGING DECK MODULE**
[54] **MODULE DE PONT DE GREEMENT**
[72] HEANEY, DAVID, AU
[73] DECKLITE IP HOLDINGS LIMITED, VG
[85] 2010-12-07
[86] 2008-06-10 (PCT/AU2008/000819)
[87] (WO2009/117758)

[11] **2,727,504**
[13] C
[51] **Int.Cl. C09D 11/32 (2014.01) B41J 2/21 (2006.01) B44D 3/00 (2006.01) C09D 11/101 (2014.01)**
[25] EN
[54] **INK COMPOSITIONS**
[54] **COMPOSITIONS POUR ENCRE**
[72] DALAL, EDUL N., US
[72] VANBESIEEN, DARYL W., CA
[72] MOFFAT, KAREN A., CA
[72] CHRETIEN, MICHELLE N., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] VEREGIN, RICHARD P. N., CA
[72] WOSNICK, JORDAN, CA
[72] FARRUGIA, VALERIE M., CA
[73] XEROX CORPORATION, US
[86] (2727504)
[87] (2727504)
[22] 2011-01-12
[30] US (12/689,286) 2010-01-19

[11] **2,728,872**
[13] C
[51] **Int.Cl. H01H 13/68 (2006.01) H01H 35/24 (2006.01) H01H 71/50 (2006.01)**
[25] EN
[54] **MANUAL RESET PRESSURE SWITCH**
[54] **MANOSTAT A REARMEMENT MANUEL**
[72] PALMER, BRIAN L., US
[72] BENTLEY, CHRISTINA A., US
[73] DWYER INSTRUMENTS, INC., US
[86] (2728872)
[87] (2728872)
[22] 2011-01-20
[30] US (61/297,012) 2010-01-21

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[11] **2,730,041**
[13] C

[51] **Int.Cl. G01N 3/10 (2006.01) G01N 33/24 (2006.01)**

[25] FR

[54] **TRIAXIAL CELL FOR THE TESTING OF GEOMATERIALS IN COMPRESSION AND IN TENSION**

[54] **CELLULE TRIAXIALE D'ESSAIS DE GEOMATERIAUX SOUS PRESSION ET SOUS TRACTION**

[72] SECQ, JEAN, FR

[73] UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE, FR

[85] 2011-01-05

[86] 2009-07-07 (PCT/FR2009/000836)

[87] (WO2010/004135)

[30] FR (08/03851) 2008-07-07

[11] **2,730,282**
[13] C

[51] **Int.Cl. G09F 13/04 (2006.01) G09F 23/00 (2006.01) G09F 23/04 (2006.01) G09F 23/06 (2006.01) G09F 27/00 (2006.01)**

[25] EN

[54] **PACKAGING ASSEMBLY HAVING A SENSORY INTERACTABLE ELEMENT**

[54] **ENSEMBLE DE CONDITIONNEMENT AYANT UN ELEMENT SENSORIEL POUVANT INTERAGIR**

[72] MCGUIRE, KENNETH STEPHEN, US

[72] GOODALL, JOHN PATRICK, US

[72] STEPHENS, JERRY RAY, US

[72] FERRARI, MICHAEL GUERCIO, US

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2011-01-07

[86] 2009-06-25 (PCT/US2009/048630)

[87] (WO2010/008914)

[30] US (12/172,421) 2008-07-14

[11] **2,730,678**
[13] C

[51] **Int.Cl. G06F 3/044 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**

[25] EN

[54] **CAPACITIVE TOUCH SENSITIVE OVERLAY INCLUDING TOUCH SENSOR AND ELECTRONIC DEVICE INCLUDING SAME**

[54] **SEGMENT DE RECOUVREMENT CAPACITIF SENSIBLE AU TOUCHER, Y COMPRIS UN CAPTEUR TACTILE, ET DISPOSITIF ELECTRONIQUE CONNEXE**

[72] TONG, KUO-FENG, CA

[72] PEREVERZEV, STANISLAV, US

[72] GOLOVCHENKO, MYKOLA, US

[73] BLACKBERRY LIMITED, CA

[86] (2730678)

[87] (2730678)

[22] 2011-01-31

[30] EP (10153373.5) 2010-02-11

[11] **2,731,319**
[13] C

[51] **Int.Cl. B65D 51/24 (2006.01)**

[25] EN

[54] **CLOSURE WITH UTENSIL**

[54] **FERMETURE CONTENANT UN USTENSILE**

[72] BLOMDAHL, CORINNE M., US

[72] MAZURKIEWICZ, TIMOTHY M., US

[72] WISNIEWSKI, JOHN M., US

[73] APTARGROUP, INC., US

[85] 2011-01-19

[86] 2009-08-04 (PCT/US2009/004451)

[87] (WO2010/027398)

[30] US (12/229,686) 2008-08-26

[11] **2,731,669**
[13] C

[51] **Int.Cl. B32B 15/20 (2006.01) C22C 21/02 (2006.01) C22C 21/08 (2006.01)**

[25] EN

[54] **CLAD AUTOMOTIVE SHEET PRODUCT**

[54] **TOLE PLAQUEE POUR AUTOMOBILE**

[72] TIMM, JUERGEN, DE

[72] BASSI, CORRADO, CH

[73] NOVELIS INC., CA

[85] 2011-01-18

[86] 2009-08-11 (PCT/EP2009/060370)

[87] (WO2010/018161)

[30] EP (08162298.7) 2008-08-13

[11] **2,731,847**
[13] C

[51] **Int.Cl. H04N 7/24 (2011.01) H04L 12/28 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR WIRELESSLY DISTRIBUTING MULTIPLEX SIGNAL COMPRISING MULTIMEDIA DATA OVER A LOCAL AREA NETWORK**

[54] **PROCEDE ET APPAREIL DE DISTRIBUTION SANS FIL D'UN SIGNAL MULTIPLEX COMPRENANT DES DONNEES MULTIMEDIAS SUR UN RESEAU LOCAL**

[72] RAVEENDRAN, VIJAYALAKSHMI R., US

[73] QUALCOMM INCORPORATED, US

[85] 2011-01-24

[86] 2009-08-12 (PCT/US2009/053617)

[87] (WO2010/019715)

[30] US (61/089,407) 2008-08-15

[30] US (12/422,178) 2009-04-10

[11] **2,732,422**
[13] C

[51] **Int.Cl. F17C 1/00 (2006.01) F17C 1/08 (2006.01) F17C 13/00 (2006.01)**

[25] EN

[54] **SEAMLESS MULTI-SECTION PRESSURE VESSEL**

[54] **APPAREIL SOUS PRESSION A MULTIPLES SECTIONS SANS SOUDURE**

[72] RICHARDS, KEVIN W., US

[72] CHRISTENSEN, NATHAN G., US

[73] RICHARDS, KEVIN W., US

[85] 2011-01-28

[86] 2008-08-18 (PCT/US2008/073427)

[87] (WO2009/042311)

[30] US (11/841,605) 2007-08-20

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[11] *2,732,744
[13] C

[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COMMUNICATION BETWEEN A CLIENT SYSTEM AND A SERVER SYSTEM**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ENTRE UN SYSTEME CLIENT ET UN SYSTEME SERVEUR**
[72] WENIG, ROBERT, US
[72] KNUDSEN, TED, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2011-02-01
[86] 2009-08-13 (PCT/US2009/004654)
[87] (WO2010/019258)
[30] US (12/191,585) 2008-08-14

[11] 2,734,400
[13] C

[51] **Int.Cl. B01D 63/00 (2006.01) B01D 63/02 (2006.01) B01D 65/00 (2006.01)**
[25] EN
[54] **DIFFUSION AND/OR FILTRATION DEVICE**
[54] **DISPOSITIF DE DIFFUSION ET/OU DE FILTRATION**
[72] BUCK, REINHOLD, DE
[72] EICHINGER, JUERGEN, DE
[72] HENLE, ROLAND, DE
[73] GAMBRO LUNDIA AB, SE
[85] 2011-02-16
[86] 2009-08-17 (PCT/EP2009/005943)
[87] (WO2010/020384)
[30] EP (08014907.3) 2008-08-22

[11] 2,735,270
[13] C

[51] **Int.Cl. G01S 5/14 (2006.01) G01C 21/30 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING THE LOCATION OF A VEHICLE**
[54] **PROCEDE ET DISPOSITIF DE LOCALISATION D'UN VEHICULE**
[72] FUCHS, ALOIS, DE
[72] BINDER, FRANK, DE
[73] INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS-UND LEITSYSTEMEN GMBH, DE
[85] 2011-02-25
[86] 2009-06-08 (PCT/DE2009/000805)
[87] (WO2010/022693)
[30] DE (10 2008 039 686.9) 2008-08-26
[30] DE (10 2008 052 642.8) 2008-10-22

[11] 2,735,489
[13] C

[51] **Int.Cl. H02G 3/08 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **WEATHERPROOF ELECTRICAL BOX**
[54] **COFFRET ELECTRIQUE A L'EPREUVE DES INTEMPERIES**
[72] DINH, CONG THANH, US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[86] (2735489)
[87] (2735489)
[22] 2011-03-30
[30] US (61/319,304) 2010-03-31
[30] US (13/072,829) 2011-03-28

[11] 2,738,163
[13] C

[51] **Int.Cl. A61J 1/03 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **PERSONALISED MEDICATION HOLDER**
[54] **PORTE-MEDICAMENT PERSONNALISE**
[72] STEVENS, GERARD, AU
[72] STEVENS, IAN, AU
[72] STEVENS, PETER, AU
[73] MANREX PTY. LTD, AU
[85] 2011-04-15
[86] 2009-10-20 (PCT/AU2009/001381)
[87] (WO2010/045677)
[30] AU (2008101035) 2008-10-21

[11] 2,738,198
[13] C

[51] **Int.Cl. H01H 37/54 (2006.01) H01H 71/16 (2006.01) H01H 73/30 (2006.01)**
[25] EN
[54] **MINIATURE CIRCUIT BREAKER**
[54] **DISJONCTEUR MINIATURE**
[72] ULLERMANN, WOLFGANG, DE
[73] ELLENBERGER & POENSGEN GMBH, DE
[85] 2011-03-23
[86] 2009-08-01 (PCT/EP2009/005586)
[87] (WO2010/034373)
[30] DE (10 2008 049 507.7) 2008-09-29

[11] 2,739,259
[13] C

[51] **Int.Cl. B60R 99/00 (2009.01) G06Q 50/30 (2012.01) B60R 16/00 (2006.01) G07C 5/02 (2006.01)**
[25] EN
[54] **MANAGING THE CONFIGURATION OF A VEHICLE**
[54] **GESTION DE LA CONFIGURATION D'UN VEHICULE**
[72] WENDLING, MATTHEW, US
[72] KUMAR, SURESH, US
[72] FERDERER, JAKE TYLER, US
[73] PACCAR INC, US
[86] (2739259)
[87] (2739259)
[22] 2011-05-05
[30] US (12/774,502) 2010-05-05

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[11] **2,739,324**
[13] C

[51] **Int.Cl. D21F 11/14 (2006.01) B31F 1/12 (2006.01) D21G 9/00 (2006.01)**

[25] EN

[54] **METHOD FOR MONITORING AND CONTROLLING THE APPLICATION OF PERFORMANCE ENHANCING MATERIALS TO CREPING CYLINDERS**

[54] **PROCEDE DE SURVEILLANCE ET DE COMMANDE DE L'APPLICATION DE MATERIAUX AMELIORANT LA PERFORMANCE SUR DES CYLINDRES A CREPER**

[72] VON DRASEK, WILLIAM A., US

[72] BANKS, RODNEY H., US

[72] FURMAN, GARY S., US

[73] NALCO COMPANY, US

[85] 2011-03-31

[86] 2009-10-07 (PCT/US2009/059822)

[87] (WO2010/042606)

[30] US (12/246,797) 2008-10-07

[11] **2,740,053**
[13] C

[51] **Int.Cl. G01D 5/32 (2006.01) E21B 47/12 (2012.01) G01L 11/02 (2006.01) G02B 6/10 (2006.01) G01K 11/32 (2006.01)**

[25] EN

[54] **SIDE-HOLE CANE WAVEGUIDE SENSOR**

[54] **CAPTEUR DE GUIDE D'ONDES DE TIGE A ORIFICE LATERAL**

[72] KERSEY, ALAN D., US

[72] MAIDA, JOHN L., US

[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US

[86] (2740053)

[87] (2740053)

[22] 2004-02-20

[62] 2,458,185

[30] US (10/371,910) 2003-02-21

[11] **2,740,729**
[13] C

[51] **Int.Cl. B26B 21/44 (2006.01) A45D 26/00 (2006.01) B26B 19/40 (2006.01)**

[25] EN

[54] **FLUID DISPENSING HAIR REMOVAL DEVICE**

[54] **DISPOSITIF DEPILATOIRE DE DISTRIBUTION DE LIQUIDE**

[72] HAWES, CHRISTOPHER MARTIN, GB

[72] BURROWES, LEE, GB

[73] THE GILLETTE COMPANY, US

[85] 2011-04-14

[86] 2009-10-15 (PCT/US2009/060772)

[87] (WO2010/045419)

[30] US (61/106,266) 2008-10-17

[11] **2,741,432**
[13] C

[51] **Int.Cl. B63B 3/56 (2006.01) B63B 43/16 (2006.01)**

[25] EN

[54] **BULKHEAD SEAL**

[54] **CLOISON PROTECTRICE**

[72] ALDERING, STEFAN, NL

[72] TACK, DOMINICUS FRANCISCUS MICHAEL, NL

[73] SPLIETHOFF'S BEVRACHTINGSKANTOOR B.V., NL

[85] 2011-02-10

[86] 2009-08-13 (PCT/EP2009/060517)

[87] (WO2010/018215)

[30] EP (08162375.3) 2008-08-14

[11] **2,741,917**
[13] C

[51] **Int.Cl. B22F 9/24 (2006.01) H05K 3/10 (2006.01)**

[25] EN

[54] **INCREASED THROUGHPUT FOR LARGE-SCALE PRODUCTION OF LOW MELT ORGANOAMINE STABILIZED SILVER NANOPARTICLES**

[54] **RENDEMENT ACCRU POUR LA PRODUCTION A GRANDE ECHELLE DE NANOPARTICULES D'ARGENT STABILISEES AU MOYEN D'ORGANOAMINE A FAIBLE POINT DE FUSION**

[72] MOKHTARI, MAHYA, CA

[72] GAYNOR, ROGER E., CA

[72] SABAN, MARKO D., CA

[73] XEROX CORPORATION, US

[86] (2741917)

[87] (2741917)

[22] 2011-06-02

[30] US (12/796,986) 2010-06-09

[11] **2,742,510**
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 3/14 (2006.01) G06F 17/00 (2006.01)**

[25] EN

[54] **PROVIDING RECENT HISTORY WITH SEARCH RESULTS**

[54] **ADJONCTION DES RESULTATS D'UNE RECHERCHE A UN HISTORIQUE RECENT**

[72] SCHECHTER, MICHAEL AUSTIN, US

[72] GRADEK, MICHAEL, US

[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US

[85] 2011-04-29

[86] 2009-11-17 (PCT/US2009/064798)

[87] (WO2010/068376)

[30] US (12/332,996) 2008-12-11

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[11] **2,743,744**
[13] C

[51] **Int.Cl. C22C 1/05 (2006.01) B02C 2/00 (2006.01)**

[25] EN

[54] **MILLING CONE FOR A COMPRESSION CRUSHER**

[54] **CONE DE BROYAGE POUR CONCASSEUR A COMPRESSION**

[72] BERTON, GUY, BE

[73] MAGOTTEAUX INTERNATIONAL S.A., BE

[85] 2011-03-02

[86] 2009-08-26 (PCT/EP2009/060979)

[87] (WO2010/031661)

[30] BE (2008/0519) 2008-09-19

[11] **2,744,361**
[13] C

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL CELL STACK HAVING DISPLACEMENT ABSORBING MEMBERS**

[54] **ASSEMBLAGE DE PILES A COMBUSTIBLE MUNI D'ELEMENTS PERMETTANT D'ABSORBER LES MOUVEMENTS**

[72] UEHARA, SHIGETAKA, JP

[72] NUMAO, YASUHIRO, JP

[73] NISSAN MOTOR CO., LTD., JP

[85] 2011-05-19

[86] 2009-11-13 (PCT/IB2009/007457)

[87] (WO2010/058258)

[30] JP (2008-295450) 2008-11-19

[11] **2,745,644**
[13] C

[51] **Int.Cl. G06F 1/16 (2006.01) G06F 3/01 (2006.01) G06F 3/041 (2006.01) H01H 13/715 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**

[25] EN

[54] **ELECTRONIC DEVICE INCLUDING TOUCH-SENSITIVE DISPLAY**

[54] **DISPOSITIF ELECTRONIQUE COMPRENANT UN DISPOSITIF D'AFFICHAGE TACTILE**

[72] DEHMOUBED, FARZIN, CA

[73] BLACKBERRY LIMITED, CA

[86] (2745644)

[87] (2745644)

[22] 2011-07-07

[30] EP (10172557.0) 2010-08-11

[11] **2,745,859**
[13] C

[51] **Int.Cl. H04W 72/02 (2009.01) H04W 72/08 (2009.01) H04W 88/06 (2009.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR USE IN COMMUNICATING DATA WHICH INCLUDES THE SELECTION OF AN RF CHANNEL FOR COMMUNICATIONS**

[54] **PROCEDES ET APPAREIL DESTINES A TRANSMETTRE DES DONNEES COMPRENNANT LA SELECTION D'UN CANAL DE RADIOFREQUENCES POUR DES COMMUNICATIONS**

[72] SMADI, MOHAMMED NAWAF, CA

[73] BLACKBERRY LIMITED, CA

[86] (2745859)

[87] (2745859)

[22] 2011-07-08

[30] EP (10169054.3) 2010-07-09

[11] **2,746,947**
[13] C

[51] **Int.Cl. B65D 33/25 (2006.01) A44B 19/26 (2006.01) B65D 30/00 (2006.01)**

[25] EN

[54] **CLOSURE MECHANISM WITH MULTIPLE FREQUENCY FEEDBACK**

[54] **MECANISME DE FERMETURE A RETROACTIONS DE FREQUENCES MULTIPLES**

[72] ACKERMAN, BRYAN L., US

[73] S. C. JOHNSON & SON, INC., US

[86] (2746947)

[87] (2746947)

[22] 2011-07-21

[30] US (12/844,535) 2010-07-27

[11] **2,748,092**
[13] C

[51] **Int.Cl. F17D 5/00 (2006.01) B65D 79/02 (2006.01) F16L 1/06 (2006.01) F16L 55/07 (2006.01) F17D 5/06 (2006.01) G01N 17/04 (2006.01) G08B 29/12 (2006.01)**

[25] EN

[54] **SAFETY DEVICE AND SYSTEM FOR MONITORING PIPES**

[54] **DISPOSITIF DE SECURITE ET SYSTEME DE SURVEILLANCE DE TUYAUX**

[72] ROSEN, HERMANN, CH

[73] ROSEN SWISS AG, CH

[85] 2011-06-22

[86] 2009-12-08 (PCT/EP2009/008758)

[87] (WO2010/072324)

[30] DE (10 2008 063 066.7) 2008-12-23

[30] DE (10 2009 017 975.5) 2009-04-21

[11] **2,749,345**
[13] C

[51] **Int.Cl. F04B 43/073 (2006.01)**

[25] EN

[54] **METHOD FOR INCREASING COMPRESSED AIR EFFICIENCY IN A PUMP**

[54] **PROCEDE PERMETTANT D'AUGMENTER LE RENDEMENT PNEUMATIQUE DE L'AIR COMPRIME DANS UNE POMPE**

[72] MCCOURT, MARK D., US

[72] ZHU, HAIHONG, US

[72] ORNDORFF, MICHAEL BRACE, US

[72] ROBERTS, JEVAWN SEBASTIAN, US

[72] ABBOTT, CHARLES RANDOLPH, US

[73] WARREN RUPP, INC., US

[85] 2011-07-11

[86] 2010-01-25 (PCT/US2010/021981)

[87] (WO2010/085744)

[30] US (61/146,959) 2009-01-23

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[11] **2,750,140**
[13] C

[51] **Int.Cl. A61K 31/385 (2006.01) A23K 1/16 (2006.01) A23K 1/18 (2006.01) A61P 19/02 (2006.01) A61P 19/08 (2006.01)**

[25] EN

[54] **USE OF LIPOIC ACID FOR TREATING OR PREVENTING DEGENERATIVE JOINT CONDITIONS, OSTEOARTHRITIS, CARTILAGE DAMAGE, AND RELATED DISORDERS IN COMPANION ANIMALS**

[54] **UTILISATION DE L'ACIDE LIPOIQUE POUR LE TRAITEMENT ET LA PREVENTION DE PATHOLOGIES ARTICULAIRES DEGENERATIVES, DE L'OSTEOARTHRITE, D'UNE LESION CARTILAGINEUSE, ET DE TROUBLES APPARENTES CHEZ LES ANIMAUX DE COMPAGNIE**

[72] FRANTZ, NOLAN ZEBULON, US
[73] HILL'S PET NUTRITION, INC., US
[85] 2011-06-28
[86] 2009-12-29 (PCT/US2009/069684)
[87] (WO2010/078322)
[30] US (61/141,320) 2008-12-30

[11] **2,751,036**
[13] C

[51] **Int.Cl. C12P 23/00 (2006.01) C12N 15/09 (2006.01) C12N 1/20 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING CAROTENOIDS FROM PARACOCCUS BACTERIA**

[54] **PROCEDE POUR LA PRODUCTION DE CAROTENOIDES A PARTIR DE LA BACTERIE PARACOCCUS**

[72] HIRASAWA, KAZUAKI, JP
[72] TSUBOKURA, AKIRA, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2011-07-28
[86] 2010-01-28 (PCT/JP2010/051130)
[87] (WO2010/087400)
[30] JP (2009-019935) 2009-01-30

[11] **2,751,717**
[13] C

[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/02 (2006.01) G01V 1/24 (2006.01) G01V 1/28 (2006.01)**

[25] EN

[54] **AUTOMATIC DISPERSION EXTRACTION OF MULTIPLE TIME OVERLAPPED ACOUSTIC SIGNALS**

[54] **EXTRACTION DE DISPERSION AUTOMATIQUE DE SIGNAUX ACOUSTIQUES MULTIPLES SE CHEVAUCHANT DANS LE TEMPS**

[72] AERON, SHUCHIN, US
[72] BOSE, SANDIP, US
[72] VALERO, HENRI-PIERRE, JP
[72] SALIGRAMA, VENKATESH, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[73] TRUSTEES OF BOSTON UNIVERSITY, US
[85] 2011-06-21
[86] 2009-12-22 (PCT/US2009/069242)
[87] (WO2010/075412)
[30] US (61/139,996) 2008-12-22

[11] **2,753,286**
[13] C

[51] **Int.Cl. G08B 25/00 (2006.01)**

[25] EN

[54] **HAZARD DETECTION SUBSYSTEM FOR USE IN A HOME SECURITY SURVEILLANCE SYSTEM**

[54] **SOUS-SYSTEME DE DETECTION DE DANGER DESTINE A ETRE UTILISE DANS UN SYSTEME DE SURVEILLANCE POUR LA SECURITE A DOMICILE**

[72] SUZUKI, JUNICHI, JP
[72] SUZUKI, TOMOHIRO, JP
[72] NIMURA, SEIJI, JP
[72] FUIJI, TAKASHI, JP
[72] HOVANG, DAN, SE
[73] SECURITAS DIRECT AB, SE
[85] 2011-08-22
[86] 2009-02-27 (PCT/JP2009/054244)
[87] (WO2010/097964)

[11] **2,753,385**
[13] C

[51] **Int.Cl. F28F 1/10 (2006.01) F28F 1/12 (2006.01) F28F 1/32 (2006.01)**

[25] EN

[54] **HEAT EXCHANGER**

[54] **ECHANGEUR THERMIQUE**

[72] HANCOCK, STEPHEN S., US
[73] TRANE INTERNATIONAL INC., US
[85] 2011-08-22
[86] 2010-02-23 (PCT/US2010/024995)
[87] (WO2010/096796)
[30] US (12/390,843) 2009-02-23

[11] **2,753,689**
[13] C

[51] **Int.Cl. H01M 10/44 (2006.01) H02J 7/00 (2006.01)**

[25] EN

[54] **BATTERY CHARGER USING PHASE SHIFT DOUBLE FORWARD CONVERTING CIRCUIT**

[54] **CHARGEUR DE BATTERIE FAISANT APPEL A UN CIRCUIT DE CONVERSION EN DIFFERE DOUBLE A DEPHASAGE**

[72] VOGEL, BERNARD J., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2011-08-25
[86] 2010-01-27 (PCT/US2010/022226)
[87] (WO2010/101681)
[30] US (12/399,756) 2009-03-06

[11] **2,754,491**
[13] C

[51] **Int.Cl. C09D 11/34 (2014.01) B41J 2/01 (2006.01) C09D 11/101 (2014.01)**

[25] EN

[54] **CURABLE PHASE CHANGE INKS CONTAINING FUNCTIONALIZED ISOSORBIDES**

[54] **ENCRES A CHANGEMENT DE PHASE DURCISSABLES CONTENANT DES ISOSORBIDES A GROUPES FONCTIONNELS**

[72] CHOPRA, NAVEEN, CA
[72] SACRIPANTE, GUERINO G., CA
[72] CHRETIEN, MICHELLE N., CA
[72] KEOSHKERIAN, BARKEV, CA
[73] XEROX CORPORATION, US
[86] (2754491)
[87] (2754491)
[22] 2011-10-11
[30] US (12/906,679) 2010-10-18

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[11] **2,755,349**
[13] C

[51] **Int.Cl. G01G 21/24 (2006.01) F16B 5/00 (2006.01) G01G 19/02 (2006.01) G01G 21/12 (2006.01)**

[25] EN

[54] **VEHICLE SCALE COUPLING DEVICE**

[54] **DISPOSITIF D'ACCOUPEMENT DE BALANCE A VEHICULES**

[72] BUDIC, JEFF, US

[72] SKIDMORE, AARON, US

[73] METTLER-TOLEDO, LLC, US

[85] 2011-09-13

[86] 2010-03-25 (PCT/US2010/028571)

[87] (WO2010/111441)

[30] US (12/411,160) 2009-03-25

[11] **2,756,524**
[13] C

[51] **Int.Cl. A23L 1/015 (2006.01) A23L 1/221 (2006.01) A23L 1/27 (2006.01) A23L 2/58 (2006.01)**

[25] EN

[54] **NUTRITIONAL COMPOSITION COMPRISING CURCUMINOIDS AND METHODS OF MANUFACTURE**

[54] **COMPOSITION NUTRITIONNELLE COMPRENANT DES CURCUMINOIDES ET PROCEDES DE FABRICATION**

[72] JOHNS, PAUL W., US

[72] MAZER, TERRENCE B., US

[73] ABBOTT LABORATORIES, US

[85] 2011-09-23

[86] 2010-03-16 (PCT/US2010/027477)

[87] (WO2010/111070)

[30] US (61/163,688) 2009-03-26

[30] US (61/163,683) 2009-03-26

[11] **2,756,536**
[13] C

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/381 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **THIENOPYRIMIDINEDIONE DERIVATIVES AS TRPA1 MODULATORS**

[54] **DERIVES DE THIENOPYRIMIDINEDIONE COMME MODULATEURS DE TRPA1**

[72] KUMAR, SUKEERTHI, IN

[72] THOMAS, ABRAHAM, IN

[72] WAGHMARE, NAYAN TATERAO, IN

[72] MARGAL, SANJAY, IN

[72] KHAIRATKAR-JOSHI, NEELIMA, IN

[72] MUKHOPADHYAY, INDRANIL, IN

[73] GLENMARK PHARMACEUTICALS, S.A., CH

[85] 2011-09-23

[86] 2010-03-23 (PCT/IB2010/000930)

[87] (WO2010/109334)

[30] IN (665/MUM/2009) 2009-03-23

[30] US (61/171,355) 2009-04-21

[30] IN (2213/MUM/2009) 2009-09-23

[30] US (61/251,994) 2009-10-15

[30] IN (2906/MUM/2009) 2009-12-16

[30] US (61/294,470) 2010-01-12

[11] **2,756,552**
[13] C

[51] **Int.Cl. H04W 4/12 (2009.01) H04W 12/00 (2009.01)**

[25] EN

[54] **FORWARDING E-MAIL FROM A WIRELESS DEVICE**

[54] **REACHEMINEMENT DE COURRIEL A PARTIR D'UN DISPOSITIF SANS FIL**

[72] SINGH, RAVI, CA

[72] SHERKIN, ALEXANDER, CA

[72] ADAMS, NEIL PATRICK, CA

[72] VATS, NIKHIL, CA

[73] BLACKBERRY LIMITED, CA

[86] (2756552)

[87] (2756552)

[22] 2011-10-26

[30] US (61/408,240) 2010-10-29

[11] **2,756,906**
[13] C

[51] **Int.Cl. A61M 15/00 (2006.01) A61G 10/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING SALT DUST AND SALT DUST GENERATOR**

[54] **METHODE PERMETTANT LA PRODUCTION DE POUSSIERE DE SEL ET GENERATEUR DE POUSSIERE DE SEL**

[72] VIHHERLAHTI, KARI, FI

[73] VIHHERLAHTI, KARI, FI

[86] (2756906)

[87] (2756906)

[22] 2011-11-04

[30] FI (20100393) 2010-11-24

[11] **2,757,006**
[13] C

[51] **Int.Cl. B05C 7/08 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CLADDING AN INTERIOR SURFACE OF A CURVED PIPE**

[54] **PROCEDE ET APPAREIL POUR REVETIR LA SURFACE INTERIEURE D'UN TUYAU COURBE**

[72] GANO, DON, CA

[73] GANO, DON, CA

[86] (2757006)

[87] (2757006)

[22] 2011-11-03

[30] US (12/946,022) 2010-11-15

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[11] **2,757,393**
[13] C

[51] **Int.Cl. C22C 38/60 (2006.01) C21D 8/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/28 (2006.01) C22C 38/38 (2006.01)**

[25] EN

[54] **CASE-HARDENED STEEL SUPERIOR IN COLD WORKABILITY, MACHINABILITY, AND FATIGUE CHARACTERISTICS AFTER CARBURIZED QUENCHING AND METHOD OF PRODUCTION OF SAME**

[54] **ACIER POUR DURCISSEMENT SUPERFICIEL QUI PRESENTE UNE EXCELLENTE APTITUDE AU FACONNAGE A FROID ET UNE EXCELLENTE APTITUDE A L'USINAGE ET QUI PRESENTE D'EXCELLENTE CARACTERISTIQUES LA FATIGUE APRES CEMENTATION AU CARBONE ET TREMPE, ET SON PROCEDE DE FABRICATION**

[72] HASHIMURA, MASAYUKI, JP
[72] MIYANISHI, KEI, JP
[72] KOZAWA, SHUJI, JP
[72] KUBOTA, MANABU, JP
[72] OCHI, TATSURO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2011-09-30
[86] 2009-10-14 (PCT/JP2009/068083)
[87] (WO2010/116555)
[30] JP (2009-092176) 2009-04-06

[11] **2,758,562**
[13] C

[51] **Int.Cl. G01S 5/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR SUPPORTING POSITIONING FOR TERMINALS IN A WIRELESS NETWORK**

[54] **PROCEDE ET APPAREIL POUR SUPPORTER UN POSITIONNEMENT POUR DES TERMINAUX DANS UN RESEAU SANS FIL**

[72] EDGE, STEPHEN W., US
[72] TENNY, NATHAN E., US
[72] FISCHER, SVEN, US
[73] QUALCOMM INCORPORATED, US
[85] 2011-10-11
[86] 2010-04-21 (PCT/US2010/031923)
[87] (WO2010/124011)
[30] US (61/171,398) 2009-04-21
[30] US (61/172,719) 2009-04-25
[30] US (61/218,929) 2009-06-20
[30] US (61/234,282) 2009-08-15
[30] US (61/247,363) 2009-09-30
[30] US (12/763,962) 2010-04-20

[11] **2,759,069**
[13] C

[51] **Int.Cl. C12N 15/09 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01)**

[25] EN

[54] **PERILLA-DERIVED PROMOTER FUNCTIONING IN PETALS**

[54] **PROMOTEUR ISSU DE PERILLA FRUTESCENS VAR. CRISPA FONCTIONNANT DANS LES PETALES**

[72] TANAKA, YOSHIKAZU, JP
[72] MIZUTANI, MASAKO, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[85] 2011-10-17
[86] 2010-03-09 (PCT/JP2010/053886)
[87] (WO2010/122848)
[30] JP (2009-107057) 2009-04-24

[11] **2,759,640**
[13] C

[51] **Int.Cl. A47C 17/84 (2006.01) A47C 17/52 (2006.01) A47C 17/80 (2006.01) A47C 19/04 (2006.01) B60P 3/38 (2006.01)**

[25] EN

[54] **MOVEABLE BED SYSTEM**

[54] **LIT ESCAMOTABLE**

[72] JONES, THOMAS G., US
[73] FLEETWOOD RV, INC., US
[86] (2759640)
[87] (2759640)
[22] 2011-11-22
[30] US (12/951,416) 2010-11-22

[11] **2,759,721**
[13] C

[51] **Int.Cl. G03B 15/02 (2006.01)**

[25] EN

[54] **DYNAMIC LIGHTING CONTROL IN HYBRID CAMERA - PROJECTOR DEVICE**

[54] **COMMANDE D'ECLAIRAGE DYNAMIQUE POUR APPAREIL HYBRIDE CAMERA-PROJECTEUR**

[72] DELUCA, MICHAEL JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[86] (2759721)
[87] (2759721)
[22] 2011-11-29
[30] EP (10193716.7) 2010-12-03

[11] **2,761,259**
[13] C

[51] **Int.Cl. B23K 11/25 (2006.01)**

[25] EN

[54] **RESISTANCE WELDING FASTENER ELECTRODE**

[54] **ELECTRODE D'ELEMENTS DE FIXATION POUR SOUDAGE PAR RESISTANCE**

[72] CABANAW, DANIEL MARTIN, CA
[73] DOBEN LIMITED, CA
[86] (2761259)
[87] (2761259)
[22] 2002-06-12
[62] 2,449,737
[30] US (09/902,378) 2001-07-10

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[11] **2,761,591**
[13] C

[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **APPARATUS FOR SEPARATING SOLIDS FROM A SOLIDS LADEN DRILLING FLUID**
[54] **DISPOSITIF POUR SEPARER DES SOLIDES D'UNE BOUE DE FORAGE CHARGEE DE SOLIDES**
[72] BURNETT, GEORGE ALEXANDER, GB
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2011-11-10
[86] 2010-06-24 (PCT/GB2010/051050)
[87] (WO2010/150020)
[30] US (12/490,492) 2009-06-24

[11] **2,762,386**
[13] C

[51] **Int.Cl. G01C 11/00 (2006.01) G02B 27/00 (2006.01) G03B 9/00 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **AERIAL CAMERA SYSTEM AND METHOD FOR CORRECTING DISTORTIONS IN AN AERIAL PHOTOGRAPH**
[54] **APPAREIL DE PRISE DE VUES AERIENNES ET PROCEDE DE CORRECTION DE DISTORSIONS DANS UNE PRISE DE VUE AERIENNE**
[72] FERRANO, GERT, CH
[72] WALSER, BERND, CH
[72] MORIN, KRISTIAN, CA
[73] LEICA GEOSYSTEMS AG, CH
[73] NOVATEL INC., CA
[85] 2011-11-17
[86] 2010-05-03 (PCT/EP2010/055987)
[87] (WO2010/133445)
[30] EP (09160615.2) 2009-05-19

[11] **2,763,713**
[13] C

[51] **Int.Cl. H04N 21/478 (2011.01) G06Q 30/06 (2012.01) G06Q 30/00 (2012.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVED INTERACTIVE TELEVISION PROCESSING**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE TELEVISION INTERACTIVE AMELIORE**
[72] JOHNSON, GERARD C., US
[72] BUNNER, SEAN, US
[72] MCDEVITT, JOHN, US
[73] HSNI, LLC, US
[85] 2011-11-28
[86] 2010-04-26 (PCT/US2010/032339)
[87] (WO2010/141163)
[30] US (12/476,145) 2009-06-01

[11] **2,764,618**
[13] C

[51] **Int.Cl. A61L 2/12 (2006.01) A61L 11/00 (2006.01)**
[25] EN
[54] **MICROWAVE REMEDIATION OF MEDICAL WASTES**
[54] **CONVERSION PAR MICRO-ONDES DE DECHETS MEDICAU**
[72] CHANDRASEKHAR, PRASANNA, US
[73] ASHWIN-USHAS CORPORATION, INC., US
[85] 2011-12-06
[86] 2010-06-10 (PCT/US2010/038225)
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[11] **2,765,341**
[13] C

[51] **Int.Cl. H02K 33/16 (2006.01)**
[25] EN
[54] **ELECTRIC MOTOR FOR A SMALL ELECTRIC DEVICE**
[54] **MOTEUR ELECTRIQUE POUR UN PETIT APPAREIL ELECTRIQUE**
[72] DOLL, ALEXANDER, DE
[72] SCHOBBER, UWE, DE
[72] KRESSMANN, FRANK, DE
[73] BRAUN GMBH, DE
[85] 2011-12-12
[86] 2010-06-11 (PCT/IB2010/052620)
[87] (WO2010/143165)
[30] EP (09007761.1) 2009-06-12

[11] **2,765,436**
[13] C

[51] **Int.Cl. A61M 1/10 (2006.01) F04B 43/12 (2006.01)**
[25] EN
[54] **BLOOD-PUMPING DEVICE**
[54] **DISPOSITIF DE POMPAGE DE SANG**
[72] AL-HARBI, ABDULRAHMAN FUTAYN, SA
[73] KING SAUD UNIVERSITY, SA
[85] 2011-12-14
[86] 2010-07-06 (PCT/EP2010/004124)
[87] (WO2011/003595)
[30] SA (SA109300439) 2009-07-06

[11] **2,765,455**
[13] C

[51] **Int.Cl. A61M 27/00 (2006.01) A61F 13/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR VACUUM BRIDGING AND/OR EXUDATE COLLECTION**
[54] **APPAREIL DE CREATION DE PONT DE PRESSION NEGATIVE ET/OU DE COLLECTE D'EXUDAT**
[72] BRAGA, RICHARD M., US
[72] FINK, E. DAVID, US
[72] HEAGLE, DAVID, US
[72] VITARIS, RONALD F., US
[73] SMITH & NEPHEW, INC., US
[85] 2011-12-14
[86] 2009-06-19 (PCT/US2009/047877)
[87] (WO2010/147592)
[30] US (12/486,858) 2009-06-18

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[13] C

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **USER INTERFACE VISUALIZATIONS**
[54] **VISUALISATIONS D'INTERFACE D'UTILISATEUR**
[72] PEDERSEN, ELIN R., US
[72] HONG, PETER, US
[73] GOOGLE INC., US
[85] 2011-12-19
[86] 2010-06-17 (PCT/US2010/038946)
[87] (WO2010/148167)
[30] US (61/269,089) 2009-06-19

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[11] **2,767,731**

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[51] **Int.Cl. C08J 5/18 (2006.01) B32B 27/08 (2006.01) B65D 81/34 (2006.01) C08J 7/18 (2006.01) H05B 6/64 (2006.01)**

[25] EN

[54] **LOW CRYSTALLINITY SUSCEPTOR FILMS**

[54] **FILMS DE SUSCEPTEUR A FAIBLE CRISTALLINITE**

[72] MIDDLETON, SCOTT W., US

[72] BOHRER, TIMOTHY H., US

[72] SLOAT, JEFFREY T., US

[72] GILPATRICK, WILLIAM, US

[72] SINCLAIR, MARK, US

[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2012-01-09

[86] 2010-07-29 (PCT/US2010/043677)

[87] (WO2011/014630)

[30] US (61/273,090) 2009-07-30

[30] US (61/236,925) 2009-08-26

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[13] C

[51] **Int.Cl. B44C 3/10 (2006.01) B44F 1/06 (2006.01) B44F 7/00 (2006.01)**

[25] EN

[54] **METHOD TO CREATE THREE DIMENSIONAL IMAGE INSIDE STONE**

[54] **PROCEDE DE CREATION D'UNE IMAGE TRIDIMENSIONNELLE A L'INTERIEUR D'UNE PIERRE**

[72] BICAKCI, SEVAN, TR

[73] BICAKCI, SEVAN, TR

[85] 2012-01-19

[86] 2009-12-15 (PCT/TR2009/000153)

[87] (WO2011/010971)

[30] TR (2009/05721) 2009-07-23

[11] **2,768,789**

[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) H04W 4/16 (2009.01) H04M 1/665 (2006.01)**

[25] EN

[54] **METHOD FOR CONFERENCE CALL PROMPTING FROM A LOCKED DEVICE**

[54] **METHODE D'ENVOI D'UN INVITE POUR AMORCER UNE TELECONFERENCE A PARTIR D'UN DISPOSITIF VERROUILLE**

[72] COLBERT, MICHAEL SCOTT, US

[73] BLACKBERRY LIMITED, CA

[85] 2012-02-07

[86] 2011-03-23 (PCT/CA2011/050151)

[87] (WO2012/126078)

[11] **2,770,309**

[13] C

[51] **Int.Cl. A47L 13/59 (2006.01) A47L 13/24 (2006.01)**

[25] EN

[54] **CLEANING IMPLEMENT**

[54] **OUTIL DE NETTOYAGE**

[72] BERTI, ENZO, IT

[72] PELLACINI, ROBERTO, IT

[73] THE LIBMAN COMPANY, US

[86] (2770309)

[87] (2770309)

[22] 2012-03-01

[30] US (13/041,267) 2011-03-04

[11] **2,771,665**

[13] C

[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/415 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **CO-CRYSTALS OF TRAMADOL AND COXIBS**

[54] **CO-CRISTAUX DE TRAMADOL ET DE COXIBS**

[72] PLATA SALAMAN, CARLOS RAMON, ES

[72] TESSON, NICOLAS, ES

[73] LABORATORIOS DEL DR. ESTEVE, S.A., ES

[85] 2012-02-21

[86] 2010-04-19 (PCT/EP2010/002385)

[87] (WO2011/044962)

[30] EP (PCT/EP2009/007451) 2009-10-16

[11] **2,772,802**

[13] C

[51] **Int.Cl. B25B 23/151 (2006.01) B25B 11/00 (2006.01) B25B 25/00 (2006.01) B62D 65/00 (2006.01)**

[25] EN

[54] **BRAKE CABLE TENSIONING AND CALIBRATION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE TENSIONNEMENT ET D'ETALONNAGE D'UN CABLE DE FREIN**

[72] MACARTHUR, BENJAMIN B., US

[72] SILVER, ANDREW, US

[73] HONDA MOTOR CO., LTD., JP

[86] (2772802)

[87] (2772802)

[22] 2012-03-29

[11] **2,773,225**

[13] C

[51] **Int.Cl. A63H 1/20 (2006.01)**

[25] EN

[54] **CORE WITH FINGER INDENTATION AND FORMED TO EXPEL AN OBJECT CONCEALED THEREIN**

[54] **NOYAU A ECHANCRURE POUR LE DOIGT ET FORME POUR EXPULSER UN OBJET DISSIMULE DEDANS**

[72] LAURIENZO, DOMINIC, US

[72] HUDSON, JON, US

[72] LEE CHI WAI, DENNIS, CN

[72] TSUI, TIMMY, CN

[72] MCCAFFERTY, JIM, US

[72] WOLFSON, JARED, US

[72] PADAWER, JEREMY, US

[72] LEONG, GREG, US

[72] DELACY, STEVEN DOUGLAS, US

[73] JAKKS PACIFIC, INC., US

[85] 2012-03-05

[86] 2011-07-08 (PCT/US2011/001202)

[87] (WO2012/005772)

[30] US (61/363,069) 2010-07-09

[30] US (61/421,173) 2010-12-08

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[13] C

[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR IMPLEMENTING OPTICAL CHANNEL DATA UNIT SHARED RING PROTECTION**
[54] **PROCEDE ET APPAREIL POUR OBTENIR UNE BOUCLE DE PROTECTION PARTAGEE D'UNE UNITE DE DONNEES DE CANAL OPTIQUE**
[72] YAN, JUN, CN
[72] XIAO, XIN, CN
[72] WU, QIUYOU, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2011-12-20
[86] 2009-06-04 (PCT/CN2009/072133)
[87] (WO2010/139119)

[11] **2,773,683**
[13] C

[51] **Int.Cl. H04W 52/02 (2009.01) H04W 84/18 (2009.01) H04B 7/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATING POWER SYSTEM INFORMATION THROUGH A RADIO FREQUENCY DEVICE**
[54] **SYSTEME ET PROCEDE POUR COMMUNIQUER DES INFORMATIONS DE SYSTEME ELECTRIQUE A TRAVERS UN DISPOSITIF DE RADIOFREQUENCE**
[72] SCHWEITZER, EDMUND O., III, US
[72] ANDERSEN, LUTHER S., US
[72] BOSOLD, MARK J., US
[72] FEIGHT, LAURENCE VIRGIL, US
[72] PARK, DOUGLAS A., US
[72] TELLER, WITOLD R., US
[72] MCMAHON, STEVEN A., US
[72] KESLER, JAMES R., US
[72] HICKS, DONALD C., US
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[86] (2773683)
[87] (2773683)
[22] 2007-05-18
[62] 2,654,412
[30] US (60/801,757) 2006-05-19

[11] **2,773,878**
[13] C

[51] **Int.Cl. H04N 7/24 (2011.01)**
[25] EN
[54] **TRANSMISSION CONCEPT FOR AN ACCESS UNIT STREAM**
[54] **CONCEPT DE TRANSMISSION POUR FLUX D'UNITES D'ACCES**
[72] ZINK, ALEXANDER, DE
[72] KELLERMANN, CHRISTIAN, DE
[72] MOHAMMED, HUSSAIN, DE
[72] FAERBER, NIKOLAUS, DE
[72] THOMA, HERBERT, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2012-03-09
[86] 2010-09-06 (PCT/EP2010/063050)
[87] (WO2011/029797)
[30] US (61/240,833) 2009-09-09

[11] **2,774,170**
[13] C

[51] **Int.Cl. G01V 1/34 (2006.01)**
[25] EN
[54] **SEISMIC IMAGING SYSTEMS AND METHODS EMPLOYING A 3D REVERSE TIME MIGRATION WITH TILTED TRANSVERSE ISOTROPY**
[54] **SYSTEMES D'IMAGERIE SISMIQUE ET PROCEDES EMPLOYANT UNE MIGRATION TRIDIMENSIONNELLE INVERSE DE TEMPS AVEC UNE ISOTROPIE TRANSVERSE INCLINEE**
[72] JIANG, FAN, US
[72] JIN, SHENGWEN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2012-03-13
[86] 2009-11-02 (PCT/US2009/062911)
[87] (WO2011/053327)

[11] **2,774,465**
[13] C

[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/18 (2006.01) B04C 5/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE TREATMENT OF SOLIDS AND/OR GASES**
[54] **APPAREIL POUR LE TRAITEMENT DES SOLIDES ET/OU DES GAZ**
[72] ERLER, RENE-ARNDT, DE
[72] MISSALLA, MICHAEL, DE
[72] GILGEN, ROLF, DE
[73] OUTOTEC OYJ, FI
[85] 2012-03-16
[86] 2010-10-20 (PCT/EP2010/006405)
[87] (WO2011/047848)
[30] DE (10 2009 050 165.7) 2009-10-21

[11] **2,774,830**
[13] C

[51] **Int.Cl. B65D 1/34 (2006.01) B29C 45/14 (2006.01) B65D 1/48 (2006.01) B65D 5/20 (2006.01) B65D 43/16 (2006.01) B65D 77/20 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **CONTAINER HAVING A RIM OR OTHER FEATURE ENCAPSULATED BY OR FORMED FROM INJECTION-MOLDED MATERIAL**
[54] **CONTENEUR PRESENTANT UN BORD OU AUTRE ELEMENT ENCAPSULE OU FORME PAR UN MATERIAU MOULE PAR INJECTION**
[72] MIDDLETON, SCOTT WILLIAM, US
[72] SINCLAIR, MARK RICHARD, US
[72] O'HAGAN, BRIAN ROBERT, US
[72] WNEK, PATRICK HENRY, US
[72] LAFFERTY, TERRENCE PHILIP, US
[72] BLAAS, PETER WALRAVE, US
[72] HJORT, KEVIN JAMES, US
[72] SMITH, PATRICK JAMES, US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[86] (2774830)
[87] (2774830)
[22] 2003-03-17
[62] 2,682,809
[30] US (60/364,560) 2002-03-15
[30] US (60/417,192) 2002-10-08

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[11] **2,774,860**
[13] C

[51] **Int.Cl. A47D 13/00 (2006.01) A47D 1/00 (2006.01) A47D 3/00 (2006.01)**

[25] EN

[54] **COMBINED BABY ENTERTAINMENT CENTRE AND REVERSIBLE INFANT TABLE**

[54] **CENTRE DE DIVERTISSEMENT POUR BEBES ET TABLE POUR ENFANTS REVERSIBLE COMBINES**

[72] PEARSON, ANDREA, CA
[72] PEARSON, ERIN, CA
[72] PEARSON, KENNETH, CA
[73] PEARSON, ANDREA, CA
[73] PEARSON, ERIN, CA
[73] PEARSON, KENNETH, CA
[86] (2774860)
[87] (2774860)
[22] 2012-04-23

[11] **2,775,191**
[13] C

[51] **Int.Cl. C09D 11/38 (2014.01) C09D 11/34 (2014.01) B41J 2/01 (2006.01)**

[25] EN

[54] **SOLID INK COMPOSITIONS COMPRISING CRYSTALLINE ESTERS OF TARTARIC ACID**

[54] **COMPOSITIONS D'ENCRE SOLIDES COMPRENANT DES ESTERS CRISTALLINS D'ACIDE TARTRIQUE**

[72] MORIMITSU, KENTARO, CA
[72] BELELIE, JENNIFER L., CA
[72] CHOPRA, NAVEEN, CA
[72] DRAPPEL, STEPHAN V., CA
[72] TRACY, COREY L., CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US
[86] (2775191)
[87] (2775191)
[22] 2012-04-20
[30] US (13/095,715) 2011-04-27

[11] **2,775,956**
[13] C

[51] **Int.Cl. F24J 2/10 (2006.01) F24J 2/12 (2006.01)**

[25] EN

[54] **SOLAR DISH COLLECTOR SYSTEM AND ASSOCIATED METHODS**

[54] **SYSTEME COLLECTEUR PARABOLIQUE SOLAIRE ET PROCEDES ASSOCIES**

[72] POLK, DALE, JR., US
[72] POLK, DALE, SR., US
[73] D & D MANUFACTURING, US
[85] 2012-03-29
[86] 2010-10-15 (PCT/US2010/052796)
[87] (WO2011/047231)
[30] US (61/252,372) 2009-10-16
[30] US (12/904,695) 2010-10-14

[11] **2,776,179**
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) H04N 21/431 (2011.01) H04L 12/58 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS TO MANAGE VIDEO CHAT CONTACTS**

[54] **SYSTEMES ET METHODES DE GESTION DE CONTACTS DE DISCUSSION VIDEO**

[72] TSANG, THOMAS CALUM, CA
[72] ROZINOV, BORIS, CA
[72] WILLIAMS, MATTHEW DAVID DOUGLAS, CA
[73] BLACKBERRY LIMITED, CA
[86] (2776179)
[87] (2776179)
[22] 2012-05-02

[11] **2,777,508**
[13] C

[51] **Int.Cl. H01H 1/64 (2006.01) H01H 51/06 (2006.01)**

[25] EN

[54] **CONTACTOR ASSEMBLY FOR SWITCHING HIGH POWER TO A CIRCUIT**

[54] **ENSEMBLE CONTACTEUR POUR COMMUTER DU COURANT DE GRANDE PUISSANCE VERS UN CIRCUIT**

[72] BUSH, VICTOR BERNARD, US
[72] PRIEST, MARCUS, US
[73] TYCO ELECTRONICS CORPORATION, US
[85] 2012-04-12
[86] 2010-11-17 (PCT/US2010/002985)
[87] (WO2011/062616)
[30] US (12/620,695) 2009-11-18

[11] **2,778,022**
[13] C

[51] **Int.Cl. C08L 63/00 (2006.01) C04B 24/24 (2006.01) C04B 28/00 (2006.01) C08J 3/03 (2006.01) C08L 31/04 (2006.01) C08L 71/02 (2006.01)**

[25] EN

[54] **EPOXY-BASED REDISPERSIBLE POLYMER POWDER**

[54] **POUDRE DE POLYMERE REDISPERSABLE A BASE D'EPOXY**

[72] KUEHN, HARTMUT, DE
[72] PERELLO, MARGARITA, CH
[72] MICHALSKI, EVA-MARIE, DE
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[86] (2778022)
[87] (2778022)
[22] 2012-05-28
[30] US (61/500,230) 2011-06-23

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[11] **2,778,052**
[13] C

[51] **Int.Cl. C08L 63/00 (2006.01) C04B 24/24 (2006.01) C04B 28/00 (2006.01) C08J 3/05 (2006.01) C08J 3/12 (2006.01) C08L 29/04 (2006.01)**

[25] EN

[54] **REDISPERSIBLE EPOXY POWDER**

[54] **POUDRE EPOXYDE REDISPERSABLE**

[72] HONG, LIANG, US

[72] SEKHARAN, MANEH NADUPPARAMBIL, US

[72] RADLER, MICHAEL JOHN, US

[73] DOW GLOBAL TECHNOLOGIES LLC, US

[86] (2778052)

[87] (2778052)

[22] 2012-05-28

[30] US (61/500,276) 2011-06-23

[11] **2,778,325**
[13] C

[51] **Int.Cl. G10L 19/02 (2013.01)**

[25] EN

[54] **AUDIO ENCODER, AUDIO DECODER, METHOD FOR ENCODING AN AUDIO INFORMATION, METHOD FOR DECODING AN AUDIO INFORMATION AND COMPUTER PROGRAM USING A REGION-DEPENDENT ARITHMETIC CODING MAPPING RULE**

[54] **CODEUR AUDIO, DECODEUR AUDIO, PROCEDE DE CODAGE D'UNE INFORMATION AUDIO, PROCEDE DE DECODAGE D'UNE INFORMATION AUDIO, ET PROGRAMME INFORMATIQUE UTILISANT UNE REGLE DE CARTOGRAPHIE DE CODAGE ARITHMETIQUE DEPENDANT D'UNE REGION**

[72] FUCHS, GUILLAUME, DE

[72] SUBBARAMAN, VIGNESH, DE

[72] RETTELBACH, NIKOLAUS, DE

[72] MULTRUS, MARKUS, DE

[72] GAYER, MARC, DE

[72] WARBOLD, PATRICK, DE

[72] GRIEBEL, CHRISTIAN, DE

[72] WEISS, OLIVER, DE

[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2012-04-19

[86] 2010-10-19 (PCT/EP2010/065726)

[87] (WO2011/048099)

[30] US (61/253,459) 2009-10-20

[11] **2,779,928**
[13] C

[51] **Int.Cl. H04B 7/04 (2006.01) H04B 7/26 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR GENERATING, TRANSMITTING, AND RECEIVING A DATA FRAME IN A WIRELESS COMMUNICATION SYSTEM**

[54] **PROCEDE ET APPAREIL PERMETTANT DE GENERER, D'EMETTRE ET DE RECEVOIR UNE TRAME DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL**

[72] CHOI, JEEYON, KR

[72] PARK, JAEWOO, KR

[72] LEE, SOK-KYU, KR

[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR

[85] 2012-05-03

[86] 2010-11-04 (PCT/KR2010/007740)

[87] (WO2011/055990)

[30] KR (10-2009-0106151) 2009-11-04

[30] KR (10-2010-0005284) 2010-01-20

[30] KR (10-2010-0066599) 2010-07-09

[11] **2,780,104**
[13] C

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN

[54] **COMBINED MULTIFUNCTIONAL ELECTRONIC SIMULATED CIGARETTE**

[54] **CIGARETTE SIMULEE ELECTRONIQUE MULTIFONCTIONNELLE COMBINEE**

[72] XIU, YUNQIANG, CN

[73] XIU, YUNQIANG, CN

[85] 2012-05-04

[86] 2010-06-12 (PCT/CN2010/000844)

[87] (WO2011/130886)

[30] CN (201010153118.X) 2010-04-22

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[11] **2,780,434**

[13] C

- [51] **Int.Cl. H02M 7/48 (2007.01) H02M 7/04 (2006.01)**
[25] EN
[54] **3-LEVEL POWER CONVERSION APPARATUS**
[54] **DISPOSITIF DE CONVERSION ELECTRONIQUE DE PUISSANCE A 3 NIVEAUX**
[72] KOYANAGI, KIMIYUKI, JP
[72] KINOSHITA, MASAHIRO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2012-05-09
[86] 2009-11-17 (PCT/JP2009/069490)
[87] (WO2011/061813)

[11] **2,780,515**

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[54] **ENSEMBLE MOTEUR DE FOND DE TROU**
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[73] DRILFORMANCE TECHNOLOGIES, LLC, US
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[54] **POLYTHERAPIE POUR LE TRAITEMENT OU LA PREVENTION D'UNE MALADIE INFLAMMATOIRE DE LA PEAU**
[72] JOMARD, ANDRE, FR
[72] DELAMADELEINE, FRANCOISE, FR
[73] GALDERMA RESEARCH & DEVELOPMENT, FR
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[25] EN
[54] **METHOD AND SYSTEM FOR NAVIGATING AXES**
[54] **SYSTEME ET PROCEDE DE LOCALISATION MULTIDIMENSIONNELS**
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[73] 9224-5489 QUEBEC INC., CA
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[54] **FLUORINATED STRUCTURED ORGANIC FILM COMPOSITIONS**
[54] **COMPOSITIONS DE PELLICULES ORGANIQUES STRUCTUREES FLUOREES**
[72] COTE, ADRIEN P., CA
[72] HEUFT, MATTHEW A., CA
[73] XEROX CORPORATION, US
[86] (2781330)
[87] (2781330)
[22] 2012-06-22
[30] US (13/173,948) 2011-06-30

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[25] EN
[54] **MULTIPOLE ROD ASSEMBLY AND METHOD FOR ITS FABRICATION**
[54] **ASSEMBLAGE MULTI-TIGE ET METHODE DE FABRICATION**
[72] STEINER, URS, US
[72] MOELLER, ROY P., US
[72] ZANON, STEPHEN, US
[73] BRUKER DALTONICS, INC., US
[86] (2782069)
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[54] **METHODS AND APPARATUS FOR SEGREGATION OF PARTICLES, INCLUDING SEGREGATION AND PROLIFERATION OF FETAL AND STEM CELLS**
[54] **PROCEDES ET APPAREIL DESTINES A LA SEGREGATION DE PARTICULES, Y COMPRIS LA SEGREGATION ET LA PROLIFERATION DE CELLULES FOETALES ET SOUCHES**
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[72] COUNTS, DAVID, US
[72] EVANS, GARY, US
[73] PARSORTIX, INC., US
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[54] **CELLULE DE COLLISION SANS LENTILLE OFFRANT UNE EFFICACITE ACCRUE**
[72] STEINER, URS, US
[72] MUNTEAN, FELICIAN, US
[72] MOELLER, ROY P., US
[72] HA, THINH, US
[73] BRUKER DALTONICS, INC., US
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[54] **FIXED CONNECTION ASSEMBLY FOR AN RF DRIVE CIRCUIT IN A MASS SPECTROMETER**
[54] **CONNEXION FIXE POUR CIRCUIT DE COMMANDE RF DANS UN SPECTROMETRE DE MASSE**
[72] STEINER, URS, US
[72] JONES, LAWRENCE B., US
[73] BRUKER DALTONICS, INC., US
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[25] FR
[54] **METHOD FOR DETECTING A BREAKDOWN IN A SWITCHING CURRENT SOURCE AND CORRESPONDING POWER SOURCE**
[54] **PROCEDE DE DETECTION DE PANNE D'UNE SOURCE DE COURANT A DECOUPAGE ET SOURCE DE PUISSANCE CORRESPONDANTE**
[72] TRUONG, THANH-TUAN, FR
[72] GENESTE, NICOLAS, FR
[72] ESTEVE, GWENAEEL, FR
[73] SAGEM DEFENSE SECURITE, FR
[85] 2012-06-07
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[54] **EAVESTROUGH COVER**
[54] **COUVERCLE POUR GOUTTIERE**
[72] BROCHU, STEPHANE, CA
[73] BROCHU, STEPHANE, CA
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[25] EN
[54] **SOLID PHASE CHANGE INK COMPOSITIONS COMPRISING OXAZOLINES**
[54] **COMPOSITIONS D'ENCRE A CHANGEMENT DE PHASE SOLIDE COMPRENANT DES OXAZOLINES**
[72] CARLINI, RINA, CA
[72] GOREDEMA, ADELA, CA
[72] SACRIPANTE, GUERINO G., CA
[72] TUREK, CAROLINE M., CA
[72] ZWARTZ, EDWARD G., CA
[73] XEROX CORPORATION, US
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[25] EN
[54] **STEM-CELL, PRECURSOR CELL, OR TARGET CELL-BASED TREATMENT OF MULTI-ORGAN FAILURE AND RENAL DYSFUNCTION**
[54] **TRAITEMENT DE DEFAILLANCE MULTIVISCERALE ET D'INSUFFISANCE RENALE FAISANT INTERVENIR DES CELLULES SOUCHES, DES CELLULES PRECURSEURS OU DES CELLULES CIBLES**
[72] WESTENFELDER, CHRISTOF, US
[73] UNITED STATES OF AMERICA DEPARTMENT OF VETERAN'S AFFAIRS, US
[73] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[25] EN
[54] **ADVANCING SYSTEM AND METHOD OF USE THEREOF**
[54] **SYSTEME DE PROGRESSION ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] DEAL, STEPHEN E., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2012-06-18
[86] 2010-12-15 (PCT/US2010/060442)
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[13] C

[51] **Int.Cl. G01L 1/16 (2006.01) G01B 7/16 (2006.01) G01M 17/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DISTRIBUTED NETWORK OF NANOPARTICLE INK BASED PIEZOELECTRIC SENSORS FOR STRUCTURAL HEALTH MONITORING**
[54] **METHODE ET SYSTEME POUR UN RESEAU DISTRIBUE D'ENCRE A NANOPARTICULE FONDEE SUR DES CAPTEURS PIEZOELECTRIQUES POUR LA SURVEILLANCE DE LA SANTE STRUCTURELLE**
[72] DUCE, JEFFREY LYNN, US
[72] JOHNSTON, SCOTT ROBERT, US
[73] THE BOEING COMPANY, US
[86] (2785400)
[87] (2785400)
[22] 2012-08-13
[30] US (13/212,123) 2011-08-17

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[25] EN
[54] **METHOD AND APPARATUS FOR FAST FOCUS IMAGING BIOLOGIC SPECIMENS**
[54] **APPAREIL ET PROCEDE POUR IMAGERIE A FOCALISATION RAPIDE DE SPECIMENS BIOLOGIQUES**
[72] XIE, MIN, US
[72] ZHANG, YANG, US
[73] ABBOTT POINT OF CARE, INC., US
[85] 2012-06-26
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[25] FR
[54] **METHOD FOR MANUFACTURING COMPOSITE PARTS COMPRISING BRAIDED FIBERS**
[54] **PROCEDE DE FABRICATION DE PIECES COMPOSITES COMPORTANT DES FIBRES TRESSEES**
[72] MASSON, RICHARD, FR
[72] GOURET, MATHIEU, FR
[72] BOUDIER, ROMAIN, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[13] C

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[25] EN
[54] **CROSS-LINKED OXIDATED HYALURONIC ACID FOR USE AS A VITREOUS SUBSTITUTE**
[54] **ACIDE HYALURONIQUE OXYDE RETICULE DEVANT ETRE UTILISE COMME PRODUIT DE REMPLACEMENT D'HUMEUR VITREE**
[72] LIN, FENG-HUEI, CN
[72] SU, WEN-YU, CN
[72] CHEN, YU-CHUN, CN
[72] CHEN, KO-HUA, CN
[73] NATIONAL HEALTH RESEARCH INSTITUTES, TW
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[25] EN
[54] **STEEL PLATE FOR COLD FORGING AND PROCESS FOR PRODUCING SAME**
[54] **TOLE D'ACIER POUR FORGEAGE A FROID ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] ABE, MASAYUKI, JP
[72] TAKEDA, KENGO, JP
[72] YAMAMOTO, SHUJI, JP
[72] TSUKANO, YASUSHI, JP
[72] YAMAGUCHI, SHINICHI, JP
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[25] EN
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[54] **PANNEAU DE SUPPORT DE CHARGE COMPRENANT UNE STRUCTURE ANTICHOQ**
[72] SAWYER, STEVEN LEE, IT
[73] BROCK INTERNATIONAL, US
[85] 2012-08-01
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[30] US (61/303,350) 2010-02-11
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[13] C

[51] **Int.Cl. A62B 7/00 (2006.01)**
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[54] **BREATHING GAS SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION EN GAZ RESPIRATOIRE**
[72] WHITESEL, MARY B., US
[72] FABIAN, MARTIN, US
[72] HODOS, VALENTINE ANTONIO, US
[72] KOLECKI, JOSEPH M., US
[73] INVACARE CORPORATION, US
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[25] EN
[54] **SYNTHETIC BILE ACID COMPOSITION, METHOD, AND PREPARATION**
[54] **COMPOSITION, PROCEDE ET PREPARATION D'ACIDE BILIAIRE SYNTHETIQUE**
[72] MORIARTY, ROBERT M., US
[72] DAVID, NATHANIEL E., US
[72] MAHMOOD, NADIR AHMEDUDDIN, US
[72] PRASAD, ACHAMPETA RATHAN, IN
[72] SWARINGEN, ROY A., JR., US
[72] REID, JOHN GREGORY, US
[72] SAHOO, AKHILA KUMAR, IN
[73] KYTHERA BIOPHARMACEUTICALS, INC., US
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[30] US (60/956,875) 2007-08-20
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[30] GB (0807615.0) 2008-04-25
[30] US (12/153,446) 2008-05-16

[11] **2,789,618**
[13] C

[51] **Int.Cl. A01B 73/02 (2006.01)**
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[54] **REAR FOLDING TOOL BAR IMPLEMENT**
[54] **ACCESSOIRE DE BARRE A OUTILS A ARRIERE PLIANT**
[72] FRIESEN, DICK EDWARD, CA
[72] MARTENS, JOHN, CA
[73] PILLAR LASERS INC., CA
[86] (2789618)
[87] (2789618)
[22] 2012-09-12

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[13] C

[51] **Int.Cl. H02K 7/14 (2006.01) A45D 20/12 (2006.01) H02K 7/00 (2006.01)**
[25] EN
[54] **BLDC MOTOR FOR A HAIR DRYER**
[54] **MOTEUR A COURANT CONTINU SANS BALAIS POUR SECHE-CHEVEUX**
[72] KWON, HYUK TAE, KR
[73] JMW CO., LTD., KR
[85] 2012-08-21
[86] 2010-03-15 (PCT/KR2010/001588)
[87] (WO2011/111895)
[30] KR (10-2010-0021665) 2010-03-11

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[54] **SCREW HAVING UNDERSIDE POCKETS**
[54] **VIS PRESENTANT DES POCHE DANS SA FACE INFERIEURE**
[72] WALTHER, MIRCO, CA
[73] ILLINOIS TOOL WORKS INC., US
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[86] 2010-04-29 (PCT/CA2010/000658)
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[11] ***2,792,009**
[13] C

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[54] **A HYBRID STRING MUSICAL INSTRUMENT AND A METHOD OF CONSTRUCTING THE SAME**
[54] **INSTRUMENT A CORDES HYBRIDE**
[72] LEE, DONALD I., CA
[73] LEE, DONALD I., CA
[86] (2792009)
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[25] EN
[54] **PROTECTION RELAY DEVICE
AND PROTECTION RELAY
METHOD**
[54] **DISPOSITIF A RELAIS DE
PROTECTION ET PROCEDE
POUR RELAIS DE PROTECTION**
[72] OHNARI, TAKAAKI, JP
[72] KAWASAKI, TOMOYUKI, JP
[72] SEKIGUCHI, KATSUHIKO, JP
[72] MIURA, SHOGO, JP
[72] KAWAMATA, MASAYUKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] TOHOKU UNIVERSITY, JP
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[13] C

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A61K 39/39 (2006.01) A61K 47/48
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[25] EN
[54] **LIPID VESICLE COMPOSITIONS
AND METHODS OF USE**
[54] **COMPOSITIONS DE VESICULES
LIPIDIQUES ET PROCEDES POUR
LES UTILISER**
[72] IRVINE, DARRELL J., US
[72] MOON, JAEHYUN, US
[73] MASSACHUSETTS INSTITUTE OF
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[86] 2011-03-19 (PCT/US2011/000502)
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(2006.01) G06Q 10/10 (2012.01) G06F
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[25] EN
[54] **DETERMINING USER INTENT
BASED ON ONTOLOGIES OF
DOMAINS**
[54] **DETERMINATION DE
L'INTENTION DE
L'UTILISATEUR EN FONCTION
DE L'ONTOLOGIE DES
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[72] CHEYER, ADAM JOHN, US
[72] BRIGHAM, CHRISTOPHER DEAN,
US
[72] GUZZONI, DIDIER RENE, CH
[73] APPLE INC., US
[86] (2793743)
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[13] C

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(2006.01) F16C 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING AN
ARM MADE FROM COMPOSITE
MATERIAL, COMPRISING A
TRANSVERSE BEARING
INTENDED TO RECEIVE A FIXED
OR ROTARY SHAFT**
[54] **PROCEDE DE FABRICATION
D'UN BRAS EN MATERIAU
COMPOSITE COMPORTANT UN
PALIER TRANSVERSAL DESTINE
A RECEVOIR UN AXE FIXE OU
ROTATIF**
[72] MASSON, RICHARD, FR
[72] DUNLEAVY, PATRICK, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[87] (WO2011/116966)
[30] FR (10 52232) 2010-03-26

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[25] EN
[54] **ARMREST ASSEMBLY FOR
AIRCRAFT PASSENGER SEAT**
[54] **ENSEMBLE ACCOUDOIR POUR
SIEGE PASSAGER D'AERONEF**
[72] SAXTON, MATTHEW, US
[73] BE AEROSPACE, INC., US
[85] 2012-09-26
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[87] (WO2011/142895)
[30] US (12/776,564) 2010-05-10

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[13] C

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[25] EN
[54] **METHOD FOR PRODUCING
COMPOSITE PELLET FOR
EXTRUSION MOLDING, AND
COMPOSITE PELLET FOR
EXTRUSION MOLDING
PRODUCED BY THE METHOD**
[54] **PROCEDE DE PRODUCTION DE
GRANULE COMPOSITE POUR
MOULAGE PAR EXTRUSION, ET
GRANULE COMPOSITE POUR
MOULAGE PAR EXTRUSION
PRODUIT PAR LE PROCEDE**
[72] KIKUCHI, TAKEYASU, JP
[72] MORITA, KAZUMASA, JP
[72] HIGASHI, KOJI, JP
[72] NAKAMURA, YUICHIRO, JP
[73] WPC CORPORATION, JP
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[87] (WO2011/136273)
[30] JP (2010-104279) 2010-04-28
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[30] JP (PCT/JP2010/065310) 2010-09-07
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[13] C
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[54] **PROCESS FOR RECOVERING VALUABLE METALS FROM PRECIOUS METAL SMELTING SLAG**
[54] **PROCEDE PERMETTANT DE RECUPERER DES METAUX PRECIEUX A PARTIR DES SCORIES DE FUSION DE METAUX PRECIEUX**
[72] ZHOU, SONGLIN, CN
[72] XIE, XIANGTIAN, CN
[73] XIANGGUANG COPPER CO., LTD., CN
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[54] **PREVENTION OR MITIGATION OF STEEL CORROSION CAUSED BY COMBUSTION GAS**
[54] **PREVENTION OU ATTENUATION DE LA CORROSION DE L'ACIER CAUSEE PAR LES GAZ DE COMBUSTION**
[72] RAMACHANDRAN, SUNDER, US
[72] JOVANCICEVIC, VLADIMIR, US
[72] BABIC-SAMARDZIJA, KSENIJA, US
[72] NGUYEN, HA M., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **ALPHA-PARTICLE DETECTION DEVICE**
[54] **DISPOSITIF DE DETECTION DE PARTICULES ALPHA**
[72] JEAN, GREGORY, FR
[73] JEAN, GREGORY, FR
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[54] **COMPACT CABLE SUSPENDED PUMPING SYSTEM FOR LUBRICATOR DEPLOYMENT**
[54] **SYSTEME DE POMPAGE SUSPENDU A UN CABLE COMPACT POUR DEPLOIEMENT DE LUBRIFIANT**
[72] FIELDER, LANCE I., US
[72] CROWLEY, MATTHEW, US
[72] WILKOSZ, BENJAMIN EDUARD, DE
[72] SCHMIDT, JOHANNES, DE
[72] FRANZ, HOLGER, DE
[73] ZEITECS B.V., NL
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[25] EN
[54] **ARTICLES WITH SUPER-HYDROPHOBIC AND/OR SELF-CLEANING SURFACES AND METHOD OF MAKING SAME**
[54] **ARTICLES PRESENTANT DES SURFACES SUPERHYDROPHOBES ET/OU AUTONETTOYANTES ET LEUR PROCEDE DE FABRICATION**
[72] VICTOR, JARED J., CA
[72] ERB, UWE, CA
[72] TOMANTSCHGER, KLAUS, CA
[72] NAGARAJAN, NANDAKUMAR, CA
[72] FACCHINI, DIANA, CA
[72] NEACSU, MIOARA, CA
[73] INTEGRAN TECHNOLOGIES, CA
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[54] **MAGNETIC VIBRATORY SCREEN CLAMPING**
[54] **SERRAGE MAGNETIQUE DE TAMIS VIBRANT**
[72] DUFILHO, PAUL WILLIAM, US
[72] SCOTT, ERIC, US
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **FORMATION EVALUATION PROBE SET QUALITY AND DATA ACQUISITION METHOD**

[54] **PROCEDE D'ACQUISITION DE DONNEES ET DE QUALITE DE POSITIONNEMENT DE SONDE D'EVALUATION DE FORMATION**

[72] PELLETIER, MICHAEL T., US

[72] EYUBOGLU, SAMI ABBAS, US

[72] KESSLER, CALVIN, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

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[54] **METHODS OF PRODUCTION OF ALKYLSTYRENE/ISOOLEFIN POLYMERS**

[54] **PROCEDES DE PRODUCTION DE POLYMERES D'ALKYLSTYRENE/ISOOLEFINE**

[72] SHAFFER, TIMOTHY D., US

[72] DAVIS, DEBORAH JEAN, US

[72] STOKES, JAMES P., US

[73] EXXONMOBIL CHEMICAL PATENTS INC., US

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[54] **HIGH TEMPERATURE POLYMER GELS FOR WELL TREATMENTS AND THEIR USE**

[54] **GELS POLYMERES HAUTE TEMPERATURE POUR LE TRAITEMENT DE Puits ET LEUR UTILISATION**

[72] HUTCHINS, RICHARD D., US

[72] ALI, SYED A., US

[72] SIMON, MARIA SARITA, US

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **PROCESS VARIABLE TRANSMITTER WITH THERMOCOUPLE POLARITY DETECTION**

[54] **TRANSMETTEUR VARIABLE EN PROCESSUS A DETECTION DE POLARITE DE THERMOCOUPLE**

[72] RUD, JASON H., US

[72] HOLMSTADT, CLARENCE, US

[73] ROSEMOUNT INC., US

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[54] **SYSTEM AND METHOD FOR PROTECTING NEUROVASCULAR STRUCTURES**

[54] **SYSTEME ET PROCEDE DE PROTECTION DE STRUCTURES NEUROVASCULAIRES**

[72] BLAIN, JASON, US

[73] SPINAL ELEMENTS, INC., US

[86] (2802131)

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[54] **EXPANDABLE EXOTHERMIC GEL-FORMING COMPOSITION**

[54] **COMPOSITION FORMANT UN GEL EXOTHERMIQUE EXPANSIBLE**

[72] YOUNG, DANIEL, US

[73] FOREVER YOUNG INTERNATIONAL, INC., US

[85] 2013-01-02

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[54] **DOOR SILL ASSEMBLIES WITH REPLACEABLE SILL DECKS**

[54] **ENSEMBLE DE SEUIL DE PORTE AVEC SEUIL REMPLACABLE**

[72] VAN CAMP, BRENT, US

[72] KROCHMAL, ANDREW, US

[73] ENDURA PRODUCTS, INC., US

[86] (2802355)

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[54] **SUSPENSION ELEMENT HAVING A HYDRAULIC STRUT CONNECTED TO A PRESSURE ACCUMULATOR AND INDEPENDENT SUSPENSION USING THE SAME**

[54] **ELEMENT DE SUSPENSION DOTE D'UN SUPPORT HYDRAULIQUE RELIE A UN ACCUMULATEUR DE PRESSION ET UNE SUSPENSION INDEPENDANTE COMPORTANT UN TEL ELEMENT**

[72] VITALI, MARIO, CA
[72] SARIF, MOUNSIF, CA
[72] LAGACE, DENIS, CA
[73] MS GREGSON, CA
[86] (2804838)
[87] (2804838)
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[54] **CLEANSING COMPOSITION WITH DECYL AND COCO GLUCOSIDES**

[54] **COMPOSITION DE NETTOYAGE AVEC DES DECYL- ET COCO-GLUCOSIDES**

[72] POTECHIN, KATHY, US
[72] BOYKE, CHRISTINE, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2013-01-10
[86] 2010-07-19 (PCT/US2010/042409)
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[54] **MEASURING APPARATUS**

[54] **APPAREIL DE MESURE**

[72] ONISHI, KENICHI, JP
[72] YAMAMOTO, KENJI, JP
[73] LEVEX CORPORATION, JP
[85] 2013-02-11
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[25] EN

[54] **COMPOSITIONS AND METHODS FOR SEPARATING EMULSIONS USING THE SAME**

[54] **COMPOSITIONS ET PROCEDES DE SEPARATION D'EMULSIONS LES UTILISANT**

[72] KOCZO, KALMAN, US
[72] FALK, BENJAMIN, US
[72] PALUMBO, ANTONIO, IT
[73] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2013-01-15
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[54] **A STRAP-BAND TYPE CONNECTING DEVICE**

[54] **DISPOSITIF DE CONNEXION DE TYPE A LANIERE**

[72] TAKAGI, RYUICHI, JP
[72] KIMURA, SHIGENOBU, JP
[73] SOGYO CO., LTD., JP
[86] (2806961)
[87] (2806961)
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[54] **SPHERICAL ANNULAR SEAL MEMBER**

[54] **OBJET DE FERMETURE A BANDE SPHEROIDALE**

[72] KAIDA, HIDETOSHI, JP
[72] KUROSE, KOUHEI, JP
[73] OILES CORPORATION, JP
[85] 2013-01-30
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[54] **A FAN ASSEMBLY**

[54] **ENSEMBLE VENTILATEUR**

[72] WALLACE, JOHN DAVID, GB
[72] CHOONG, CHANG HIN, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[85] 2013-02-05
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[54] **DOWNWIND ROTOR TYPE WIND POWER GENERATION DEVICE**

[54] **DISPOSITIF DE PRODUCTION D'ENERGIE EOLIENNE SELON LE TYPE EOLIENNE SOUS LE VENT**

[72] TOBINAGA, IKUO, JP
[73] HITACHI, LTD., JP
[86] (2807708)
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[54] **PRODUITS VASCULAIRES ACELLULAIRES**
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[72] WILSHAW, STACY-PAUL, GB
[72] FISHER, JOHN, GB
[73] TISSUE REGENIX LIMITED, GB
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[54] **PROCEDE, NOEUD DE RELAIS ET STATION DE BASE POUR SYSTEME DE COMMUNICATION MOBILE**
[72] MORIOKA, YASUFUMI, JP
[72] YAMADA, AKIRA, JP
[72] HAGIWARA, JUNICHIRO, JP
[72] TAKAHASHI, HIDEAKI, JP
[72] IWAMURA, MIKIO, JP
[73] NTT DOCOMO, INC., JP
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[54] **CONTACT LENS PACKAGES CONTAINING ADDITIVES**
[54] **EMBALLAGES DE LENTILLES DE CONTACT CONTENANT DES ADDITIFS**
[72] LI, YUFU, US
[72] DUBEY, DHARMESH K., US
[72] ZHANG, QIANG, US
[72] PECK, JAMES, US
[72] TOKARSKI, MICHAEL, US
[72] ARNOLD, STEVEN, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **METHOD OF ACOUSTIC RANGING**
[54] **PROCEDE DE MESURE DE DISTANCE ACOUSTIQUE**
[72] MCELHINNEY, GRAHAM ARTHUR, GB
[73] SMITH INTERNATIONAL, INC., US
[85] 2013-02-21
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[54] **METHOD AND DEVICE FOR APPLYING INGREDIENTS IN FOOD PRODUCTION**
[54] **PROCEDE ET DISPOSITIF POUR APPLIQUER DES INGREDIENTS LORS DE LA FABRICATION DE PRODUITS ALIMENTAIRES**
[72] SCHMIDT, SEBASTIAN, DE
[73] HOCHLAND SE, DE
[85] 2013-02-22
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[25] EN
[54] **METHOD AND APPARATUS TO DETECT A CONDUCTIVE BODY**
[54] **PROCEDE ET APPAREIL POUR DETECTER UN CORPS CONDUCTEUR**
[72] BITTAR, MICHAEL S., US
[72] LI, JING, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **HEADER FLOTATION SYSTEM WITH COMPUTER CONTROL FOR A SELF-PROPELLED WINDROWER**
[54] **SYSTEME DE FLOTTEMENT D'UNE BOITE AVEC CONTROLE INFORMATIQUE POUR UN ANDAINEUR AUTOPROPULSE**
[72] NAFZIGER, BRENDON, US
[72] SOLDAN, DANIEL J., US
[72] JOST, DUSTIN, US
[73] AGCO CORPORATION, US
[86] (2810925)
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[54] **GEODETTIC SURVEY SYSTEM HAVING A CAMERA INTEGRATED IN A REMOTE CONTROL UNIT**
[54] **SYSTEME DE MESURE GEODESIQUE COMPORTANT UN APPAREIL DE PRISE DE VUES INTEGRE A UNE UNITE DE TELECOMMANDE**
[72] ZOGG, HANS-MARTIN, CH
[72] LIENHART, WERNER, AT
[72] NINDL, DANIEL, AT
[72] KOTZUR, NORBERT, CH
[73] LEICA GEOSYSTEMS AG, CH
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[54] **FAULT PROTECTION SYSTEM FOR A POWER SYSTEM OF DYNAMICALLY POSITIONED VESSEL**
[54] **SYSTEME DE PROTECTION EN CAS DE DEFAUT POUR LE SYSTEME D'ALIMENTATION D'UN NAVIRE A POSITION DYNAMIQUE**
[72] ANDERSEN, RUNE B., NO
[72] BLYSTAD, SVEIN, NO
[72] HAUKAAS, INGE, NO
[72] KOENIG, GUNNAR, NO
[72] RADAN, DAMIR, NO
[72] SETTEMSDAL, STIG OLAV, NO
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2812561)
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[22] 2013-04-15
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[54] **SYNERGISTIC MIXTURES OF ANTHRANILAMIDE INVERTEBRATE PEST CONTROL AGENTS**
[54] **MELANGES SYNERGIQUES D'AGENTS DE LUTTE CONTRE LES INVERTEBRATES A BASE D'ANTHRANILAMIDE**
[72] ANNAN, ISAAC BILLY, US
[72] FLEXNER, JOHN LINDSEY, US
[72] PORTILLO, HECTOR EDUARDO, US
[72] LAHM, GEORGE PHILIP, US
[72] SELBY, THOMAS PAUL, US
[72] STEVENSON, THOMAS MARTIN, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[87] (2812975)
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[54] **FOUR ROTATIF A MICRO-ONDES**
[72] MATHIS, MILT D., US
[73] MATHIS, MILT D., US
[85] 2013-04-05
[86] 2011-10-07 (PCT/US2011/055462)
[87] (WO2012/048284)
[30] US (61/390,828) 2010-10-07

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[54] **CONTROL DEVICE FOR CONTROLLING THE POWER OF AN INTERNAL COMBUSTION ENGINE AND A METHOD FOR CONTROLLING THE POWER OF THE INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF DE REGLAGE DE LA COMMANDE DE PUISSANCE D'UN MOTEUR A COMBUSTION INTERNE ET PROCEDE DE COMMANDE DE PUISSANCE D'UN MOTEUR A COMBUSTION INTERNE**
[72] FREY, THILO, DE
[73] FREY, THILO, DE
[85] 2013-04-09
[86] 2011-10-24 (PCT/EP2011/068515)
[87] (WO2012/055804)
[30] DE (10 2010 042 895.7) 2010-10-25

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[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR ISOLATING AND TREATING DISCRETE ZONES WITHIN A WELLBORE**
[54] **PROCEDE ET APPAREIL POUR ISOLER ET TRAITER DES ZONES DISCRETES A L'INTERIEUR D'UN Puits DE FORAGE**
[72] INGRAM, GARY D., US
[72] FRIEND, WILLIAM D., JR., US
[72] FAGLEY, WALTER STONE THOMAS, IV, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-04-09
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[25] EN

[54] **BATTERY CASE LID AND MANUFACTURING METHOD FOR BATTERY CASE LID**

[54] **COUVERCLE DE BOITIER D'ACCUMULATEUR ET PROCEDE DE FABRICATION DE COUVERCLE DE BOITIER D'ACCUMULATEUR**

[72] SODE, TAKAYUKI, JP

[72] SUGIYAMA, YUKINORI, JP

[72] NOMURA, SHINICHI, JP

[72] KOBAYASHI, MASATO, JP

[73] SOODE NAGANO CO., LTD., JP

[73] NIPPON LIGHT METAL COMPANY, LTD., JP

[85] 2013-04-12

[86] 2011-08-22 (PCT/JP2011/068827)

[87] (WO2012/049907)

[30] JP (2010-230226) 2010-10-13

[30] JP (2010-239444) 2010-10-26

[11] **2,815,012**
[13] C

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL CELL SYSTEM COMPRISING A WETNESS DETECTION SYSTEM AND CONTROL OF SUPPLY-GAS AMOUNT/REACTION-GAS AMOUNT**

[54] **SYSTEME DE PILE A COMBUSTIBLE COMPORTANT UN SYSTEME DE DETECTION D'HUMIDITE ET REGULATION DE LA QUANTITE DE GAZ D'ALIMENTATION/DE GAZ DE REACTION**

[72] KAGAMI, FUMIO, JP

[72] FUJII, TAKAHIRO, JP

[73] NISSAN MOTOR CO., LTD., JP

[85] 2013-03-08

[86] 2011-08-30 (PCT/JP2011/069657)

[87] (WO2012/035974)

[30] JP (2010-209062) 2010-09-17

[11] **2,815,169**
[13] C

[51] **Int.Cl. C07D 471/20 (2006.01) A61K 31/435 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **N1/N2-LACTAM ACETYL-COA CARBOXYLASE INHIBITORS**

[54] **INHIBITEURS DE LA N1/N2-LACTAME ACETYL-COA CARBOXYLASE**

[72] BAGLEY, SCOTT WILLIAM, US

[72] DOW, ROBERT LEE, US

[72] GRIFFITH, DAVID ANDREW, US

[72] SMITH, AARON CHRISTOPHER, US

[73] PFIZER INC., US

[85] 2013-04-18

[86] 2011-10-18 (PCT/IB2011/054643)

[87] (WO2012/056372)

[30] US (61/408,127) 2010-10-29

[30] US (61/531,744) 2011-09-07

[11] **2,815,298**
[13] C

[51] **Int.Cl. B01D 15/18 (2006.01) B01D 15/38 (2006.01) C11B 3/10 (2006.01) C11C 1/00 (2006.01) C11C 1/08 (2006.01)**

[25] EN

[54] **HEATED CHROMATOGRAPHIC SEPARATION PROCESS**

[54] **PROCEDE DE SEPARATION CHROMATOGRAPHIQUE CHAUFFE**

[72] KELLIHER, ADAM, GB

[72] MORRISON, ANGUS, GB

[72] OROSKAR, ANIL, US

[72] NAIR REMA, RAKESH VIKRAMAN, US

[72] AGARWAL, ABHILESH, US

[73] BASF PHARMA (CALLANISH) LIMITED, GB

[85] 2013-04-19

[86] 2012-07-06 (PCT/GB2012/051592)

[87] (WO2013/005047)

[30] GB (1111594.6) 2011-07-06

[11] **2,815,696**
[13] C

[51] **Int.Cl. A47B 13/08 (2006.01) A47B 3/08 (2006.01) A47B 13/06 (2006.01)**

[25] EN

[54] **FRAME FOR A TABLE**

[54] **CADRE POUR UNE TABLE**

[72] PEERY, WENDELL, US

[72] WINTER, DAVID C., US

[72] JOHNSON, MITCH, US

[73] LIFETIME PRODUCTS, INC., US

[85] 2013-04-23

[86] 2012-04-25 (PCT/US2012/035055)

[87] (WO2012/149060)

[30] US (61/478,786) 2011-04-25

[30] US (61/478,879) 2011-04-25

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[30] US (13/455,055) 2012-04-24

[11] **2,815,763**
[13] C

[51] **Int.Cl. C12N 1/21 (2006.01) A61K 39/102 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/285 (2006.01) C12N 1/20 (2006.01) C12N 15/31 (2006.01)**

[25] EN

[54] **PASTEURELLACEAE BACTERIA COMPRISING A MUTATED VIRULENCE GENE AND AN ANTI-BACTERIAL VACCINE PREPARED THEREFROM**

[54] **BACTERIE PASTEURELLACEAE COMPRENANT UN GENE DE VIRULENCE MUTE ET UN VACCIN ANTIBACTERIEN PREPARE A PARTIR DE CELLE-CI**

[72] LOWERY, DAVID E., US

[72] FULLER, TROY E., US

[72] KENNEDY, MICHAEL J., US

[73] ZOETIS P&U LLC, US

[86] (2815763)

[87] (2815763)

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[25] EN

[54] **FLUORESCENT SECURITY ENABLED INK FOR DIGITAL OFFSET PRINTING APPLICATIONS**

[54] **ENCRE DE SECURITE FLUORESCENTE POUR APPLICATIONS D'IMPRESSION OFFSET NUMERIQUE**

[72] IFTIME, GABRIEL, CA

[72] BRETON, MARCEL P., CA

[72] LEE, FRANK P., CA

[72] MAGDALINIS, AURELIAN VALERIU, CA

[72] ALLEN, C. GEOFFREY, CA

[72] ODELL, PETER G., CA

[72] MOORLAG, CAROLYN, CA

[73] XEROX CORPORATION, US

[86] (2816049)

[87] (2816049)

[22] 2013-05-10

[30] US (13/473,791) 2012-05-17

[11] **2,816,053**
[13] C

[51] **Int.Cl. C09D 11/101 (2014.01) B41F 13/48 (2006.01) B41M 3/14 (2006.01) B41N 3/08 (2006.01)**

[25] EN

[54] **INK FOR DIGITAL OFFSET PRINTING APPLICATIONS**

[54] **ENCRE POUR APPLICATIONS D'IMPRESSION OFFSET NUMERIQUE**

[72] BRETON, MARCEL P., CA

[72] LEE, FRANK P., CA

[72] MAGDALINIS, AURELIAN VALERIU, CA

[72] HSIEH, BING R., US

[72] DRAPPEL, STEPHAN V., CA

[72] STOWE, TIMOTHY D., US

[72] ALLEN, C. GEOFFREY, CA

[72] ODELL, PETER G., CA

[73] XEROX CORPORATION, US

[73] PALO ALTO RESEARCH CENTER INCORPORATED, US

[86] (2816053)

[87] (2816053)

[22] 2013-05-10

[30] US (13/474,138) 2012-05-17

[11] **2,816,215**
[13] C

[51] **Int.Cl. B65D 6/34 (2006.01)**

[25] EN

[54] **CONTAINER RECIPIENT**

[72] HAGLEITNER, HANS GEORG, AT

[73] HAGLEITNER, HANS GEORG, AT

[86] (2816215)

[87] (2816215)

[22] 2007-12-10

[62] 2,676,460

[30] EP (07001378.4) 2007-01-23

[11] **2,816,260**
[13] C

[51] **Int.Cl. F16L 15/04 (2006.01) C10M 103/02 (2006.01) C10M 105/22 (2006.01) C10M 107/28 (2006.01) C10M 107/38 (2006.01) C10M 107/50 (2006.01) C10M 109/00 (2006.01) C10M 145/14 (2006.01) C10M 147/02 (2006.01) C10M 155/02 (2006.01)**

[25] EN

[54] **TUBULAR THREADED JOINT HAVING IMPROVED HIGH TORQUE PERFORMANCE**

[54] **JOINT FILETE TUBULAIRE POSSEDANT UNE PERFORMANCE DE COUPLE ELEVE AMELIOREE**

[72] GOTO, KUNIO, JP

[72] YAMAMOTO, YASUHIRO, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[73] VALLOUREC OIL AND GAS FRANCE, FR

[85] 2013-04-26

[86] 2011-11-04 (PCT/JP2011/076016)

[87] (WO2012/060472)

[30] JP (2010-248790) 2010-11-05

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[51] **Int.Cl. D21B 1/32 (2006.01) D21B 1/02 (2006.01) D21H 11/18 (2006.01)**

[25] EN

[54] **PROCESS FOR OBTAINING NANOFIBRILLATED CELLULOSE FROM RECOVERED PAPER**

[54] **PROCEDURE POUR OBTENIR DE LA CELLULOSE NANO-FIBRILLEE A PARTIR DE PAPIER RECUPERE**

[72] GONZALEZ MIGUEL, PABLO, ES

[72] CRESPO MINANA, ANA CRISTINA, ES

[72] IBARZ RIC, GEMMA, ES

[72] GONZALEZ ALONSO, SUSANA, ES

[72] GONZALEZ ALVAREZ, AZUCENA, ES

[72] MENA DIAZ DE CORCUERA, ALBERTO, ES

[73] SAICA PACK, S.L., ES

[86] (2816398)

[87] (2816398)

[22] 2013-04-26

[30] ES (201230663) 2012-05-03

[11] **2,817,151**
[13] C

[51] **Int.Cl. B64C 19/00 (2006.01) B64C 13/00 (2006.01) B64C 27/26 (2006.01)**

[25] FR

[54] **CONTROL PROCESS FOR WING FLAPS AND HORIZONTAL TAIL OF A HYBRID HELICOPTER**

[54] **PROCEDE DE COMMANDE DES VOILETS D'AILES ET DE L'EMPENNAGE HORIZONTAL D'UN HELICOPTERE HYBRIDE**

[72] EGLIN, PAUL, FR

[73] AIRBUS HELICOPTERS, FR

[86] (2817151)

[87] (2817151)

[22] 2013-05-17

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[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING OPERATIONAL CHARACTERISTICS OF PULVERIZERS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SURVEILLER LES CARACTERISTIQUES DE FONCTIONNEMENT DE PULVERISATEURS**
[72] MURPHY, ROBERT F., US
[72] SUTTON, JAMES P., US
[72] TOBIASZ, REBECCA LYNN, US
[72] POON, SIN KIE, US
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2013-05-07
[86] 2011-10-28 (PCT/US2011/058252)
[87] (WO2012/064523)
[30] US (12/941,502) 2010-11-08

[11] **2,818,152**
[13] C

[51] **Int.Cl. F21V 21/084 (2006.01)**
[25] EN
[54] **WEARABLE HEADLIGHT DEVICES AND RELATED METHODS**
[54] **DISPOSITIFS DE PROJECTEUR PORTABLES ET PROCEDES CONNEXES**
[72] STRONG, JAMES, US
[72] TAMBURRINO, RICHARD A., US
[72] RYAN, JOHN M., US
[72] LESEBERG, ROGER W., US
[72] GOLDFAIN, ERVIN, US
[72] BABSON, DAVID M., US
[72] STEPHENS, DAVID, US
[72] MARTELLARO, ANGELO, US
[73] INTEGRA LIFESCIENCES CORPORATION, US
[85] 2013-05-15
[86] 2011-11-15 (PCT/US2011/060799)
[87] (WO2012/068116)
[30] US (61/414,739) 2010-11-17
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[13] C

[51] **Int.Cl. C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **HOT-DIP AL-ZN COATED STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE EN ACIER PLAQUEE PAR IMMERSION A CHAUD A BASE D'AL-ZN ET SON PROCEDE DE FABRICATION**
[72] YOSHIDA, MASAHIRO, JP
[72] NAKAMARU, HIROKI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-05-16
[86] 2011-11-25 (PCT/JP2011/077880)
[87] (WO2012/070694)
[30] JP (2010-263212) 2010-11-26

[11] **2,818,472**
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 11/00 (2006.01)**
[25] EN
[54] **OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY**
[54] **VERIFICATION OPTIMISEE AU DEMARRAGE DE L'INTEGRITE DU SYSTEME D'ARCHIVAGE**
[72] DODGE, DAN, CA
[73] 2236008 ONTARIO INC., CA
[86] (2818472)
[87] (2818472)
[22] 2006-06-07
[62] 2,550,974
[30] US (11/173798) 2005-07-01

[11] **2,818,758**
[13] C

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[25] EN
[54] **MOBILE INDUSTRIAL RACK SYSTEM**
[54] **SYSTEME D'ETAGERES INDUSTRIEL MOBILE**
[72] TOURDOT, MATTHEW A., US
[72] MUTH, JAMES C., US
[72] NEMEC, BRIAN R., US
[72] BOURKE, BRIAN P., US
[72] WIPPERFURTH, ERIC, US
[73] SPACESAVER CORPORATION, US
[86] (2818758)
[87] (2818758)
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[62] 2,699,405

[11] **2,818,922**
[13] C

[51] **Int.Cl. B66D 3/20 (2006.01) B66D 1/12 (2006.01) B66D 1/28 (2006.01)**
[25] EN
[54] **HOIST**
[54] **PALAN**
[72] HIROSHIMA, TETSU, JP
[73] KITO CORPORATION, JP
[85] 2013-05-23
[86] 2011-11-22 (PCT/JP2011/076924)
[87] (WO2012/070579)
[30] JP (2010-262814) 2010-11-25

[11] **2,819,025**
[13] C

[51] **Int.Cl. A47B 13/08 (2006.01) A47B 3/08 (2006.01) A47B 13/06 (2006.01)**
[25] EN
[54] **TABLE WITH MOLDED PLASTIC TABLE TOP**
[54] **TABLE MUNIE DE DESSUS DE TABLE EN MATIERE PLASTIQUE MOULEE**
[72] PEERY, WENDELL, US
[72] JOHNSON, MITCH, US
[72] JIN, JU-YOUNG, CN
[73] LIFETIME PRODUCTS, INC., US
[85] 2013-05-24
[86] 2012-04-25 (PCT/US2012/035056)
[87] (WO2012/149061)
[30] US (29/390,471) 2011-04-25
[30] US (61/478,786) 2011-04-25
[30] US (61/478,879) 2011-04-25
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[13] C
[51] **Int.Cl. G01S 7/02 (2006.01)**
[25] EN
[54] **LOW-COST, HIGH-PERFORMANCE RADAR NETWORKS**
[54] **RESEAUX DE RADAR A FAIBLE COUT ET A RENDEMENT ELEVE**
[72] NOHARA, TIMOTHY J., CA
[72] PREMJI, AL-NASIR, CA
[72] UKRAINEC, ANDREW M., CA
[72] WEBER, PETER T., CA
[72] JONES, GRAEME S., CA
[72] KRASNOR, CARL E., CA
[73] ACCIPITER RADAR TECHNOLOGIES INC., CA
[86] (2819704)
[87] (2819704)
[22] 2005-04-20
[62] 2,504,507

[11] **2,819,812**
[13] C
[51] **Int.Cl. E21B 19/00 (2006.01)**
[25] EN
[54] **CONTROL LINE RUNNING SYSTEM**
[54] **SYSTEME DE CIRCULATION DE LIGNE DE SERVICE**
[72] BOUTWELL, DOYLE FREDERIC, JR., US
[72] HEIDECKE, KARSTEN, US
[72] WOOD, KEVIN, DE
[72] PIETRAS, BERND-GEORG, DE
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2819812)
[87] (2819812)
[22] 2008-06-13
[62] 2,691,146
[30] US (60/944,465) 2007-06-15

[11] **2,820,418**
[13] C
[51] **Int.Cl. A63J 1/00 (2006.01)**
[25] EN
[54] **LIFTING STAGE FOR AQUACADE**
[54] **SCENE MOBILE POUR FETE SUR L'EAU**
[72] LAI, JIANYAN, CN
[72] WANG, YUAN, CN
[73] WANDA CULTURAL TOURISM PLANNING & RESEARCH INSTITUTE CO., LTD., CN
[86] (2820418)
[87] (2820418)
[22] 2013-06-14
[30] CN (201210283544.4) 2012-08-10

[11] **2,820,633**
[13] C
[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM WITH EJECTOR BYPASS CHANNEL CONTROL**
[54] **SYSTEME DE PILE A COMBUSTIBLE AVEC COMMANDE DE CANAL A CONTOURNEMENT D'EJECTEUR**
[72] IKEZOE, KEIGO, JP
[72] ICHIKAWA, YASUSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2013-05-22
[86] 2011-11-02 (PCT/JP2011/075297)
[87] (WO2012/070367)
[30] JP (2010-260154) 2010-11-22

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[13] C
[51] **Int.Cl. A61G 10/02 (2006.01) A61M 27/00 (2006.01)**
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[54] **CONTROLLER FOR AN EXTREMITY HYPERBARIC DEVICE**
[54] **DISPOSITIF DE COMMANDE POUR UN DISPOSITIF HYPERBARE D'EXTREMITE**
[72] HOVORKA, GEORGE, US
[72] LOORI, PHILLIP, US
[73] AOTI, INC., US
[86] (2822163)
[87] (2822163)
[22] 2008-05-30
[62] 2,688,831
[30] US (60/932,708) 2007-05-31
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[51] **Int.Cl. C07D 401/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF 4-AMINO-2-(2,6-DIOXOPIPERIDIN-3-YL)ISOINDOLINE-1,3-DIONE COMPOUNDS**
[54] **ELABORATION DE COMPOSES 4-AMINO-2-(2,6-DIOXOPIPERIDIN-3-YL)ISOINDOLINE-1,3-DIONIQUES**
[72] MULLER, GEORGE W., US
[72] SAINDANE, MANOHAR T., US
[72] GE, CHUANSHENG, US
[72] CHEN, ROGER, US
[73] CELGENE CORPORATION, US
[86] (2823088)
[87] (2823088)
[22] 2006-06-29
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[11] **2,823,735**
[13] C
[51] **Int.Cl. B65D 81/24 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) B65D 25/02 (2006.01)**
[25] EN
[54] **CONTAINER WITH AN ABSORBENT SUPPORT BELOW THE FILTER**
[54] **CONTENANT COMPORTANT UN SUPPORT ABSORBANT PLACE SOUS LE FILTRE**
[72] CRUMP, JOHN W., US
[72] HURLEY, THOMAS J., US
[72] INCORVIA, SAMUEL A., US
[72] PAYNE, DAVID S., US
[72] QUINN, JONATHAN, US
[73] MULTISORB TECHNOLOGIES, INC., US
[85] 2013-07-03
[86] 2011-12-30 (PCT/US2011/068087)
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[30] US (12/984,321) 2011-01-04

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING FELINE HYPERTHYROIDISM**
[54] **PROCEDES ET COMPOSITIONS DESTINES A TRAITER L'HYPERTHYROIDIE FELINE**
[72] WEDEKIND, KAREN JOY, US
[72] FRITSCH, DALE ALLEN, US
[72] DODD, CHADWICK EVERETT, US
[72] ALLEN, TIMOTHY ARTHUR, US
[73] HILL'S PET NUTRITION, INC., US
[86] (2823751)
[87] (2823751)
[22] 2007-01-26
[62] 2,636,700
[30] US (60/762,479) 2006-01-26

[11] **2,824,261**
[13] C

- [51] **Int.Cl. F16L 55/165 (2006.01) F16L 55/179 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REPAIRING PIPE**
[54] **DISPOSITIF ET PROCEDE DE REPARATION DE CONDUITES**
[72] KIEST, LARRY W., JR., US
[73] LMK TECHNOLOGIES, LLC, US
[86] (2824261)
[87] (2824261)
[22] 2008-08-22
[62] 2,697,280
[30] US (11/845,134) 2007-08-27

[11] **2,824,291**
[13] C

- [51] **Int.Cl. A61F 2/42 (2006.01)**
[25] EN
[54] **WRIST PROSTHESIS**
[54] **PROTHESE DE POIGNET**
[72] SCHEKER, LUIS ROMAN, US
[73] APTIS MEDICAL, LLC, US
[86] (2824291)
[87] (2824291)
[22] 2006-10-10
[62] 2,625,256
[30] US (60/726,113) 2005-10-13
[30] US (11/306,311) 2005-12-22

[11] **2,824,491**
[13] C

- [51] **Int.Cl. F03B 13/18 (2006.01) F03B 13/06 (2006.01)**
[25] EN
[54] **WAVE POWER CONVERTING DEVICE**
[54] **DISPOSITIF DE CONVERSION DE LA PUISSANCE DES VAGUES**
[72] YU, YUN-CHANG, TW
[73] YU, YUN-CHANG, TW
[86] (2824491)
[87] (2824491)
[22] 2013-08-20
[30] TW (101133752) 2012-09-14

[11] **2,825,449**
[13] C

- [51] **Int.Cl. B02C 17/24 (2006.01)**
[25] EN
[54] **TUBE MILL**
[54] **BROYEUR TUBULAIRE**
[72] KUMMLEE, HORST, DE
[72] PETEREIT, PETER, DE
[72] SEIBICKE, FRANK, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2013-07-23
[86] 2011-01-25 (PCT/EP2011/050950)
[87] (WO2012/100818)

[11] **2,827,394**
[13] C

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[25] EN
[54] **DEVICE AND METHOD FOR RESCUING FROM A HIGH-RISE FACILITY**
[54] **DISPOSITIF ET PROCEDE DE SAUVETAGE A PARTIR D'UNE INSTALLATION DE GRANDE HAUTEUR**
[72] KULIK, SERGEY VASILYEVICH, RU
[72] METELEV, YURY ALEKSEEVICH, RU
[73] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "KOSMICHESKIE SISTEMY SPASENIYA", RU
[73] FILATOV, ANDREY VASILYEVICH, RU
[85] 2013-08-14
[86] 2012-02-13 (PCT/RU2012/000098)
[87] (WO2012/112078)
[30] RU (2011105298) 2011-02-15

[11] **2,828,351**
[13] C

- [51] **Int.Cl. B65D 43/26 (2006.01)**
[25] EN
[54] **CONTAINER LID HAVING INDEPENDENTLY PIVOTING FLIP TOP AND HANDLE**
[54] **COUVERCLE DE CONTENANT POURVU D'UNE PARTIE SUPERIEURE BASCULANTE ET D'UNE POIGNEE PIVOTANT INDEPENDAMMENT**
[72] MEYERS, DAVID O., US
[72] SORENSEN, STEVEN M., US
[72] SORENSEN, KIM L., US
[73] RUNWAY BLUE, LLC, US
[85] 2013-09-11
[86] 2013-06-21 (PCT/US2013/047161)
[87] (WO2014/042737)
[30] US (13/610,445) 2012-09-11

[11] **2,828,633**
[13] C

- [51] **Int.Cl. A24B 3/12 (2006.01) A24B 15/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPREGNATING TOBACCO INDUSTRY PRODUCTS WITH SENSATE CONSTITUENTS OF BOTANICALS**
[54] **PROCEDE ET APPAREIL POUR IMPREGNER DES PRODUITS DE L'INDUSTRIE DU TABAC DE CONSTITUANTS SENSORIELS D'AGENTS BOTANIQUE**
[72] BARBER, LOUIS, GB
[72] MCLELLAN, ANDY, GB
[72] HEPWORTH, RICHARD, GB
[72] BROOKBANK, AARON, GB
[72] WHIFFEN, ROBERT, GB
[72] CASSEL, MARK, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2013-08-29
[86] 2012-03-06 (PCT/EP2012/053799)
[87] (WO2012/123285)
[30] GB (1104311.4) 2011-03-15

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[13] C
[51] **Int.Cl. B25B 13/48 (2006.01) B25B 21/00 (2006.01) B25B 23/14 (2006.01) F16B 35/04 (2006.01)**
[25] EN
[54] **TORQUE-ANGLE STRUCTURAL FASTENING SYSTEM**
[54] **SYSTEME DE FIXATION STRUCTURAL A ANGLE DE COUPLE**
[72] LARSON, CHAD M., US
[73] LARSON, CHAD M., US
[85] 2013-08-21
[86] 2012-03-20 (PCT/US2012/029773)
[87] (WO2012/129212)
[30] US (61/466,341) 2011-03-22

[11] **2,830,000**
[13] C
[51] **Int.Cl. A41D 27/10 (2006.01) A41D 1/06 (2006.01) A45C 13/00 (2006.01) A45F 3/00 (2006.01)**
[25] EN
[54] **OVERLAPPING ELEMENT**
[54] **ELEMENT DE CHEVAUchement**
[72] FUNK-DANIELSON, BRENDA K., US
[73] NIKE INNOVATE C.V., US
[86] (2830000)
[87] (2830000)
[22] 2005-05-12
[62] 2,688,913
[30] US (10/845,479) 2004-05-14

[11] **2,831,401**
[13] C
[51] **Int.Cl. B01J 6/00 (2006.01) B01J 19/12 (2006.01) B09B 3/00 (2006.01) C02F 1/02 (2006.01) C02F 1/30 (2006.01) C02F 11/10 (2006.01)**
[25] EN
[54] **CATALYST FOR DISTRIBUTED BATCH MICROWAVE PYROLYSIS AND PROCESS THEREOF**
[54] **CATALYSEUR DE PYROLYSE PAR MICRO-ONDES PAR LOTS DISTRIBUES ET PROCEDE DE PYROLYSE CORRESPONDANT**
[72] DOUCET, JOCELYN, CA
[72] CHAOUKI, JAMAL, CA
[72] SOBHAY, AMR, CA
[73] SERVICES KENGTEK INC., CA
[86] (2831401)
[87] (2831401)
[22] 2012-01-19
[62] 2,823,494
[30] US (61/434,230) 2011-01-19

[11] **2,831,550**
[13] C
[51] **Int.Cl. C09D 11/40 (2014.01) B41J 2/01 (2006.01) B41J 2/21 (2006.01)**
[25] EN
[54] **INKJET RECORDING INK SET, INK CARTRIDGE, INKJET RECORDING DEVICE, INKJET RECORDING METHOD, AND IMAGE FORMED MATTER**
[54] **ENSEMBLE D'ENCRE D'ENREGISTREMENT A JET D'ENCRE, CARTOUCHE D'ENCRE, DISPOSITIF D'ENREGISTREMENT A JET D'ENCRE, PROCEDE D'ENREGISTREMENT A JET D'ENCRE ET MATIERE DESTINEE A FORMERUNE IMAGE**
[72] HASEGAWA, SHIN, JP
[72] FUSHIMI, HIROYUKI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2013-09-26
[86] 2012-04-02 (PCT/JP2012/059616)
[87] (WO2012/133953)
[30] JP (2011-081980) 2011-04-01

[11] **2,831,614**
[13] C
[51] **Int.Cl. C10M 135/18 (2006.01)**
[25] EN
[54] **ZINC DITHIOCARBAMATE LUBRICATING OIL ADDITIVES**
[54] **ADDITIFS D'HUILE LUBRIFIANTE A BASE DE DITHIOCARBAMATE DE ZINC**
[72] AGUILAR, GASTON A., US
[72] CHENG, FRANCIS S., US
[72] CHASE, KEVIN J., US
[73] VANDERBILT CHEMICALS, LLC, US
[85] 2013-09-26
[86] 2012-04-02 (PCT/US2012/031837)
[87] (WO2012/141929)
[30] US (61/474,063) 2011-04-11

[11] **2,832,118**
[13] C
[51] **Int.Cl. H02G 1/08 (2006.01)**
[25] EN
[54] **DIVIDED CONDUIT AND PROCESS FOR FORMING**
[54] **CONDUIT DIVISE ET PROCEDE DE FORMATION DE CE CONDUIT**
[72] HEPFINGER, JOHN M., US
[72] ZEILER, BERNHARD, US
[73] MILLIKEN & COMPANY, US
[85] 2013-10-02
[86] 2012-02-07 (PCT/US2012/024053)
[87] (WO2012/145055)
[30] US (13/088,837) 2011-04-18
[30] US (13/088,859) 2011-04-18

[11] **2,832,831**
[13] C
[51] **Int.Cl. A61K 8/49 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **SKIN LIGHTENING COMPOSITIONS**
[54] **COMPOSITIONS D'ECLAIRCISSEMENT DE LA PEAU**
[72] NIKI, YOKO, US
[72] YAROSH, DANIEL B., JP
[72] MATSUI, MARY S., US
[72] YOSHIDA, MASAKI, JP
[72] ICHIHASHI, MASAMITSU, JP
[72] ANDO, HIDEYA, JP
[73] ELC MANAGEMENT LLC, US
[86] (2832831)
[87] (2832831)
[22] 2011-01-05
[62] 2,785,747
[30] US (61/292,577) 2010-01-06

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[11] **2,833,616**

[13] C

[51] **Int.Cl. C09K 3/14 (2006.01) C30B 29/04 (2006.01) C30B 33/00 (2006.01) E21B 10/46 (2006.01)**

[25] EN

[54] **POLYCRYSTALLINE DIAMOND COMPACTS, METHOD OF FABRICATING SAME, AND VARIOUS APPLICATIONS**
[54] **BLOCS COMPACTS DE DIAMANT POLYCRISTALLIN, PROCEDE DE FABRICATION DE CEUX-CI, ET APPLICATIONS DIVERSES**

[72] BERTAGNOLLI, KENNETH E., US

[72] MIESS, DAVID P., US

[72] QIAN, JIANG, US

[72] WIGGINS, JASON K., US

[72] VAIL, MICHAEL A., US

[72] MUKHOPADHYAY, DEBKUMAR, US

[73] US SYNTHETIC CORPORATION, US

[86] (2833616)

[87] (2833616)

[22] 2010-12-09

[62] 2,786,007

[30] US (12/690,998) 2010-01-21

[11] **2,834,582**

[13] C

[51] **Int.Cl. B25B 21/00 (2006.01) A61B 17/88 (2006.01) B25B 13/46 (2006.01)**

[25] EN

[54] **ELECTRIC RATCHET FOR A POWERED SCREWDRIVER**
[54] **CLIQUET ELECTRIQUE POUR TOURNEVIS A MOTEUR**

[72] FAIR, CHRISTOPHER L., US

[72] KOLTZ, MICHAEL L., JR., US

[73] MEDTRONIC XOMED, INC., US

[85] 2013-10-28

[86] 2012-04-25 (PCT/US2012/035004)

[87] (WO2012/149023)

[30] US (13/095,600) 2011-04-27

[11] **2,835,386**

[13] C

[51] **Int.Cl. C21B 13/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR REDUCING IRON OXIDE TO METALLIC IRON USING COKE OVEN GAS AND OXYGEN STEELMAKING FURNACE GAS**

[54] **SYSTEME ET PROCEDE DE REDUCTION D'OXYDE DE FER EN FER METALLIQUE UTILISANT DU GAZ DE FOUR A COKE ET DU GAZ DE FOUR A OXYGENE DE PRODUCTION D'ACIER**

[72] METIUS, GARY E., US

[72] MCCLELLAND, JAMES M., JR., US

[72] MEISSNER, DAVID C., US

[73] MIDREX TECHNOLOGIES, INC., US

[85] 2013-11-06

[86] 2011-05-26 (PCT/US2011/038040)

[87] (WO2012/158178)

[30] US (13/107,013) 2011-05-13

[11] **2,836,047**

[13] C

[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F02C 7/18 (2006.01)**

[25] EN

[54] **GAS TURBINE ENGINE**
[54] **MOTEUR DE TURBINE A GAZ**
[72] OKITA, YOJI, JP
[73] IHI CORPORATION, JP
[85] 2013-11-12

[86] 2012-05-10 (PCT/JP2012/061935)

[87] (WO2012/157498)

[30] JP (2011-108720) 2011-05-13

[11] **2,836,761**

[13] C

[51] **Int.Cl. B60G 5/02 (2006.01) B60G 5/00 (2006.01) B60G 11/22 (2006.01) B60G 11/24 (2006.01) B60G 21/045 (2006.01) F16F 1/40 (2006.01) F16F 1/50 (2006.01)**

[25] EN

[54] **MODULAR SUSPENSION SYSTEM AND COMPONENTS THEREOF**
[54] **SYSTEME DE SUSPENSION MODULAIRE ET COMPOSANTS ASSOCIES**

[72] NOBLE, SHAWN D., US

[72] ROBINSON, MICHAEL P., US

[72] FORREST, CHRISTOPHER W., US

[72] BRANNIGAN, MICHAEL, US

[72] DUDDING, ASHLEY T., US

[72] STUART, JOHN W., US

[73] HENDRICKSON USA, L.L.C., US

[86] (2836761)

[87] (2836761)

[22] 2009-03-10

[62] 2,716,198

[30] US (12/045,069) 2008-03-10

[30] US (12/334,195) 2008-12-12

[11] **2,838,364**

[13] C

[51] **Int.Cl. B29C 49/00 (2006.01)**

[25] EN

[54] **SYNTHETIC RESIN BOTTLE AND PROCESS FOR MOLDING THE SAME**
[54] **PROCEDE DE MOULAGE D'UN CORPS DE BOUTEILLE DE RESINE SYNTHETIQUE**

[72] ISHII, YUSUKE, JP

[72] OTSUKA, TAKASHI, JP

[72] INAGAWA, KATSUYOSHI, JP

[72] IIZUKA, TAKAO, JP

[73] YOSHINO KOGYOSHO CO., LTD., JP

[86] (2838364)

[87] (2838364)

[22] 2008-05-30

[62] 2,688,582

[30] JP (2007-145918) 2007-05-31

[30] JP (2007-335963) 2007-12-27

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[11] **2,838,385**
[13] C
[51] **Int.Cl. B31F 1/07 (2006.01) B41F 19/02 (2006.01) B41M 1/24 (2006.01) B65B 61/00 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR PRODUCING A WEB SUBSTRATE HAVING INDICIA PRINTED THEREON AND ELASTIC-LIKE BEHAVIOR IMPARTED THERETO**
[54] **APPAREIL ET PROCÉDE DE PRODUCTION D'UN SUBSTRAT EN TOILE SUR LEQUEL SON DISPOSEES DES IMPRESSIONS ET AUQUEL EST CONFÉRE UN COMPORTEMENT ELASTIQUE**
[72] HEILMAN, LAURA LYNN, US
[72] ORR, JILL MARLENE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2838385)
[87] (2838385)
[22] 2008-10-10
[62] 2,702,070
[30] US (11/973,659) 2007-10-10

[11] **2,838,386**
[13] C
[51] **Int.Cl. H04R 1/00 (2006.01) A63B 71/00 (2006.01) G01H 3/00 (2006.01) G01H 3/08 (2006.01) G10L 19/02 (2013.01) G06Q 30/06 (2012.01) G06F 17/14 (2006.01)**
[25] EN
[54] **MICROPHONE ARRAY AND METHOD OF USE**
[54] **RESEAU DE MICROPHONES ET METHODE D'UTILISATION CONNEXE**
[72] KABESHITA, YUTAKA, US
[72] LEECH, NICHOLAS A., US
[72] MOLINARI, ARTHUR, US
[72] MASHIMO, HIROYUKI, US
[72] NISHIURA, TAKANOBU, US
[72] ISHII, HIDEYUKI, US
[73] NIKE INNOVATE C.V., US
[86] (2838386)
[87] (2838386)
[22] 2011-03-16
[62] 2,734,003
[30] US (61/315,734) 2010-03-19

[11] **2,842,883**
[13] C
[51] **Int.Cl. A01N 45/02 (2006.01) A01N 43/56 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL COMPOSITIONS COMPRISING A 3-SUBSTITUTED 1-METHYL-1H-PYRAZOLE-4-CARBOXYLIC ACID (9-DIHALOMETHYLIDENE-BENZONORBORNENE-5-YL) AMIDE AND A SECOND FUNGICIDE**
[54] **COMPOSITIONS FONGICIDES COMPORTANT UN ACIDE CARBOXYLIQUE 3-SUBSTITUE 1-METHYL-1H-PYRAZOLE-4 (9-DIHALOMETHYLIDENE-BENZONORBORNENE-5-YL) AMINE ET UN DEUXIEME FONGICIDE**
[72] TOBLER, HANS, CH
[72] WALTER, HARALD, CH
[72] HAAS, ULRICH JOHANNES, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
[86] (2842883)
[87] (2842883)
[22] 2008-04-23
[62] 2,682,983
[30] EP (07008370.4) 2007-04-25

[11] **2,842,910**
[13] C
[51] **Int.Cl. B65D 8/00 (2006.01) B32B 15/08 (2006.01)**
[25] EN
[54] **THREE-PIECE RESEALABLE CAN**
[54] **BOUTEILLE REFERMABLE EN TROIS PARTIES**
[72] HIRANO, SHIGERU, JP
[72] TANI, YOSHIKI, JP
[72] YOKOYA, HIROKAZU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-01-23
[86] 2013-05-27 (PCT/JP2013/064622)
[87] (WO2013/180056)
[30] JP (2012-124812) 2012-05-31

[11] **2,844,041**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) A23K 1/14 (2006.01) A23L 1/20 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR WN1118256**
[54] **CULTIVAR DE SOJA WN1118256**
[72] THRELKELD, KEVIN CHRIS, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[86] (2844041)
[87] (2844041)
[22] 2014-02-26
[30] US (13/845,193) 2013-03-18

[11] **2,846,731**
[13] C
[51] **Int.Cl. F26B 25/00 (2006.01)**
[25] EN
[54] **MULTI-PASS LUMBER KILNS**
[54] **SECHOIRS A BOIS MULTIPASSAGE**
[72] BLOMQUIST, CHRISTOPHER W., US
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2846731)
[87] (2846731)
[22] 2014-03-14
[30] US (61/802,307) 2013-03-15

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[11] **2,846,932**
[13] C

[51] **Int.Cl. C22B 3/42 (2006.01) C22B 3/04 (2006.01) C22B 3/46 (2006.01) C25C 3/34 (2006.01) C22B 59/00 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING RARE METAL**

[54] **PROCEDE DE PRODUCTION DE METAL RARE**

[72] MIZUGUCHI, KOJI, JP
[72] KANAMURA, SHOHEI, JP
[72] OSATO, TETSUO, JP
[72] TAKAHASHI, YUYA, JP
[72] YAITA, YUMI, JP
[72] YAMASHITA, YU, JP
[72] FUJITA, REIKO, JP
[72] OMORI, TAKASHI, JP
[72] YAZAWA, TAKASHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[86] (2846932)
[87] (2846932)
[22] 2012-06-27
[62] 2,781,238
[30] JP (146565/2011) 2011-06-30

[11] **2,849,600**
[13] C

[51] **Int.Cl. C04B 35/80 (2006.01) C04B 35/577 (2006.01)**

[25] EN

[54] **PROCESS FOR MANUFACTURING A PART MADE OF A CERAMIC MATRIX COMPOSITE CONTAINING MATRIX PHASES FOR HEALING AND DEFLECTING CRACKS**

[54] **PROCEDE DE FABRICATION DE PIECE EN MATERIAU COMPOSITE A MATRICE CERAMIQUE CONTENANT DES PHASES DE MATRICE CICATRISANTE ET DEVIATRICE DE FISSURES**

[72] EBERLING-FUX, NICOLAS, FR
[72] PHILIPPE, ERIC, FR
[72] BERTRAND, SEBASTIEN, FR
[72] PAILLER, RENE, FR
[73] HERAKLES, FR
[86] (2849600)
[87] (2849600)
[22] 2007-10-16
[62] 2,666,042
[30] FR (0654326) 2006-10-17

[11] **2,850,477**
[13] C

[51] **Int.Cl. B61F 5/24 (2006.01)**

[25] EN

[54] **RAILWAY VEHICLE VIBRATION DAMPING DEVICE**

[54] **DISPOSITIF DE SUPPRESSION DES VIBRATIONS DANS UN VEHICULE FERROVIAIRE**

[72] OGAWA, TAKAYUKI, JP
[73] KAYABA INDUSTRY CO., LTD., JP
[85] 2014-03-28
[86] 2013-03-13 (PCT/JP2013/056945)
[87] (WO2013/137295)
[30] JP (2012-056848) 2012-03-14

[11] **2,856,688**
[13] C

[51] **Int.Cl. B65D 21/04 (2006.01) B65D 1/36 (2006.01)**

[25] EN

[54] **COMPACT STACKABLE TRAY**

[54] **PLATEAU COMPACT EMPILABLE**

[72] RIFF, CHRISTOPHER, CA
[72] DORGAN, PETER, CA
[73] AGROPUR COOPERATIVE, CA
[86] (2856688)
[87] (2856688)
[22] 2014-07-10
[30] CA (2,853,385) 2014-06-02

[11] **2,857,405**
[13] C

[51] **Int.Cl. C07D 237/32 (2006.01) A61K 31/502 (2006.01) A61K 31/506 (2006.01) A61K 31/551 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**

[25] EN

[54] **PTHALIC HYDRAZIDE (PTHALAZINE KETONE) COMPOUNDS AS PARP INHIBITORS AND COMPOSITION THEREOF**

[54] **COMPOSES HYDRAZIDE PHTALIQUE (PHTALAZINECETONE) EN TANT QU'INHIBITEURS PARP ET COMPOSITION DE CEUX-CI**

[72] JI, JIANXIN, CN
[72] GUO, NA, CN
[72] XUE, TING, CN
[72] KANG, BINGQIANG, CN
[72] YE, XINFANG, CN
[72] CHEN, XIN, CN
[72] ZHANG, TAO, CN
[73] CHENGDU D'AO PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2014-05-29
[86] 2012-12-03 (PCT/CN2012/001611)
[87] (WO2013/078771)
[30] CN (201110390364.1) 2011-11-30

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[13] C

[51] **Int.Cl. H04N 19/129 (2014.01) H04N 19/34 (2014.01) H04N 19/42 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING VIDEO IN CONSIDERATION OF SCANNING ORDER OF CODING UNITS HAVING HIERARCHICAL STRUCTURE, AND METHOD AND APPARATUS FOR DECODING VIDEO IN CONSIDERATION OF SCANNING ORDER OF CODING UNITS HAVING HIERARCHICAL STRUCTURE**

[54] **METHODE ET APPAREIL DE CODAGE VIDEO TENANT COMPTE DE L'ORDRE DE BALAYAGE DES UNITES DE CODAGE AYANT UNE STRUCTURE HIERARCHIQUE, ET METHODE ET APPAREIL DE DECODAGE VIDEO TENANT COMPTE DE L'ORDRE DE BALAYAGE DES UNITES DE CODAGE AYANT UNE STRUCTURE HIERARCHIQUE**

[72] JUNG, HAE-KYUNG, KR
[72] CHEON, MIN-SU, KR
[72] MIN, JUNG-HYE, KR
[72] KIM, IL-KOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2857833)
[87] (2857833)
[22] 2010-08-16
[62] 2,768,693
[30] KR (10-2009-0075432) 2009-08-14

[11] **2,860,029**
[13] C

[51] **Int.Cl. C09K 8/62 (2006.01) C06B 45/18 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR STIMULATING WELLS WITH PROPELLANTS**

[54] **PROCEDE ET DISPOSITIF PERMETTANT DE STIMULER DES Puits AVEC DES AGENTS DE PROPULSION**

[72] SEEKFORD, DALE, US
[73] SEEKFORD, DALE, US
[86] (2860029)
[87] (2860029)
[22] 2006-02-22
[62] 2,807,835
[30] US (60/655,456) 2005-02-23

[11] **2,865,806**
[13] C

[51] **Int.Cl. B60L 11/00 (2006.01) H02J 7/00 (2006.01) H02J 7/14 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR EFFICIENT FUEL CONSUMPTION**

[54] **PROCEDE ET APPAREIL POUR CONSOMMATION DE CARBURANT ECONOMIQUE**

[72] MARKOSKI, LARRY J., US
[73] INI POWER SYSTEMS, INC., US
[85] 2014-08-27
[86] 2013-02-27 (PCT/US2013/027922)
[87] (WO2013/130533)
[30] US (13/408,903) 2012-02-29

[11] **2,870,592**
[13] C

[51] **Int.Cl. G07F 17/24 (2006.01) G07C 1/30 (2006.01)**

[25] EN

[54] **SINGLE SPACE PARKING METER AND REMOVABLE SINGLE SPACE PARKING METER MECHANISM**

[54] **PARCOMETRE POUR AIRE DE STATIONNEMENT SIMPLE ET MECANISME DE PARCOMETRE AMOVIBLE POUR AIRE DE STATIONNEMENT SIMPLE**

[72] MACKAY, GEORGE ALLAN, CA
[72] CHAUVIN, GREGORY EMILE, CA
[72] MCLARTY, SHAMUS JOHN ANGUS, CA
[72] GARVEY, BEN, CA
[73] J.J. MACKAY CANADA LIMITED, CA
[86] (2870592)
[87] (2870592)
[22] 2012-03-02
[62] 2,770,093
[30] CA (2,733,110) 2011-03-03
[30] CA (2,756,489) 2011-10-28

[11] **2,871,354**
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING THE FLOW OF FLUIDS INTO WELLBORE TUBULARS**

[54] **METHODE ET APPAREIL DE CONTROLE D'ECOULEMENT DE FLUIDES DANS LES TUBAGES DE TROUS DE FORAGE**

[72] DYCK, DAVID PAUL, CA
[73] INFLOW SYSTEMS INC., CA
[86] (2871354)
[87] (2871354)
[22] 2014-11-17
[30] US (14/328,519) 2014-07-10

[11] **2,873,724**
[13] C

[51] **Int.Cl. G01N 1/04 (2006.01) B09B 3/00 (2006.01) B09B 5/00 (2006.01)**

[25] EN

[54] **SAMPLING METHOD AND SAMPLING DEVICE OF RECYCLED RAW MATERIAL, ANALYSIS SAMPLE OF RECYCLED RAW MATERIAL, AND EVALUATION METHOD OF RECYCLED RAW MATERIAL**

[54] **PROCEDE ET DISPOSITIF D'ECHANTILLONNAGE DE MATIERES PREMIERES RECYCLEES, ECHANTILLON D'ANALYSE DE MATIERES PREMIERES RECYCLEES ET PROCEDE D'EVALUATION DE MATIERES PREMIERES RECYCLEES**

[72] OGUMA, NOBUHIRO, JP
[72] TAKAGI, MAKOTO, JP
[72] WAJIMA, EIJI, JP
[73] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2014-11-14
[86] 2013-09-13 (PCT/JP2013/074845)
[87] (WO2014/174699)
[30] JP (2013-094734) 2013-04-26

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[11] **2,874,420**
[13] C

[51] **Int.Cl. C07D 413/12 (2006.01) C07D 419/12 (2006.01)**

[25] EN

[54] **CONVENIENT PROCESS FOR THE PREPARATION OF STATINS**

[54] **PROCEDE PRATIQUE POUR LA PREPARATION DE STATINES**

[72] DE LUCCHI, OTTORINO, IT

[72] TARTAGGIA, STEFANO, IT

[72] FERRARI, CLARK, IT

[72] GALVAGNI, MARCO, IT

[72] PONTINI, MARTA, IT

[72] FOGAL, STEFANO, IT

[72] MOTTERLE, RICCARDO, IT

[72] MORENO, ROSA MARIA, ES

[72] COMELY, ALEX, ES

[73] F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A., IT

[85] 2014-11-21

[86] 2014-02-11 (PCT/EP2014/052627)

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[11] **2,874,444**
[13] C

[51] **Int.Cl. E04F 15/18 (2006.01) B29C 41/08 (2006.01) E04C 2/30 (2006.01)**

[25] EN

[54] **SUBFLOOR COMPONENT AND METHOD OF MANUFACTURING SAME**

[54] **COMPOSANT DE PLANCHER BRUT ET PROCEDE DE FABRICATION DE CELUI-CI**

[72] AMEND, VICTOR, CA

[73] AMEND, VICTOR, CA

[86] (2874444)

[87] (2874444)

[22] 2014-12-12

[30] CA (2858887) 2014-08-11

[11] **2,876,420**
[13] C

[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/184 (2014.01) H04N 19/44 (2014.01)**

[25] EN

[54] **ENCODING AND DECODING VIDEO USING HIERARCHICALLY-DIVIDED CODING UNITS**

[54] **CODAGE ET DECODAGE VIDEO A L'AIDE D'UNITES DE CODAGE HIERARCHIQUES**

[72] CHEN, JIANLE, KR

[72] CHEON, MIN-SU, KR

[72] LEE, JAE-CHOO, KR

[72] MIN, JUNG-HYE, KR

[72] JUNG, HAE-KYUNG, KR

[72] KIM, IL-KOO, KR

[72] LEE, SANG-RAE, KR

[72] LEE, KYO-HYUK, KR

[73] SAMSUNG ELECTRONICS CO., LTD., KR

[86] (2876420)

[87] (2876420)

[22] 2010-08-13

[62] 2,770,991

[30] KR (10-2009-0075335) 2009-08-14

[11] **2,876,445**
[13] C

[51] **Int.Cl. G01N 35/10 (2006.01) G01N 1/28 (2006.01) G01N 33/15 (2006.01)**

[25] EN

[54] **AUTOMATED ULTRA-FILTRATION SYSTEM**

[54] **SYSTEME AUTOMATISE D'ULTRAFILTRATION**

[72] SAMSOONDAR, JAMES, CA

[73] CHROMEDX CORP., CA

[86] (2876445)

[87] (2876445)

[22] 2013-12-06

[62] 2,870,368

[30] US (61/735,041) 2012-12-09

[11] **2,877,255**
[13] C

[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/122 (2014.01) H04N 19/159 (2014.01) H04N 19/18 (2014.01) H04N 19/44 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE BY USING LARGE TRANSFORMATION UNIT**

[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'IMAGE A L'AIDE D'UNE UNITE GRANDE DIMENSION**

[72] LEE, TAMMY, KR

[72] HAN, WOO-JIN, KR

[72] CHEN, JIANLE, KR

[72] JUNG, HAE-KYUNG, KR

[73] SAMSUNG ELECTRONICS CO., LTD., KR

[86] (2877255)

[87] (2877255)

[22] 2010-08-13

[62] 2,768,181

[30] KR (10-2009-0074895) 2009-08-13

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[13] A1
[51] **Int.Cl. E04G 17/06 (2006.01) B25B 27/14 (2006.01)**
[25] EN
[54] **CONCRETE FORM SNAP TIE BREAKER**
[54] **TIRANT CASSABLE POUR FORME DE BETON**
[72] KADAR, JOSEPH ANTAL, CA
[71] KADAR DEVELOPMENTS LTD., CA
[22] 2014-03-25
[41] 2015-09-25

[21] **2,846,960**
[13] A1
[51] **Int.Cl. G06F 7/552 (2006.01) G06F 17/10 (2006.01)**
[25] EN
[54] **METHOD, HARDWARE UNIT AND PROCESSOR FOR CALCULATING A SQUARE ROOT**
[54] **METHODE, MODULE MATERIEL ET PROCESSEUR DE CALCUL DE LA RACINE CARREE**
[72] KO, SEOK-BUM, CA
[72] KAIVANI, AMIR, CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[22] 2014-03-20
[41] 2015-09-20

[21] **2,847,014**
[13] A1
[51] **Int.Cl. C25D 11/02 (2006.01)**
[25] EN
[54] **LUBRICIOUS COMPOSITE OXIDE COATING AND PROCESS FOR MAKING THE SAME**
[54] **REVETEMENT D'OXYDE COMPOSITE LUBRIFIANT ET SON PROCEDE DE FABRICATION**
[72] ZHANG, JINGZENG J., CA
[72] NIE, XUEYUAN X., CA
[71] ZHANG, JINGZENG J., CA
[71] NIE, YINING Y., CA
[22] 2014-03-20
[41] 2015-09-20

[21] **2,847,090**
[13] A1
[51] **Int.Cl. B01F 3/12 (2006.01) B01F 7/00 (2006.01) B01F 15/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR COLLOIDAL MIXING OF SLURRIES**
[54] **APPAREIL DE MELANGE COLLOIDAL DE BOUES**
[72] ARBOUR, DENNIS M., CA
[71] AMIX SYSTEMS LTD, CA
[22] 2014-03-20
[41] 2015-09-20

[21] **2,847,123**
[13] A1
[51] **Int.Cl. G01S 5/02 (2010.01) H01Q 15/14 (2006.01) H04B 7/145 (2006.01)**
[25] EN
[54] **RF WAVE BENDER**
[54] **DISPOSITIF DE FLEXION D'ONDE RF**
[72] FATTOUCHE, MICHEL, CA
[72] EL-HAMAMSY, SAYED-AMR, CA
[72] TCHAIRDJIAN, DIKRAN, CA
[71] SRD INNOVATIONS INC., CA
[22] 2014-03-24
[41] 2015-09-24

[21] **2,847,129**
[13] A1
[51] **Int.Cl. A63B 69/40 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **PUCKMASTER**
[54] **PUCKMASTER**
[72] IMRAY, WILLIAM J., CA
[71] IMRAY, WILLIAM J., CA
[71] STEVENS, ANN M., CA
[22] 2014-03-20
[41] 2015-09-20

[21] **2,847,131**
[13] A1
[51] **Int.Cl. F24F 13/068 (2006.01) E04B 1/70 (2006.01) E04C 2/30 (2006.01) E06B 7/02 (2006.01) F24F 7/10 (2006.01) F24F 13/18 (2006.01)**
[25] EN
[54] **PANEL AND PANEL STRUCTURE FOR VENTILATION AND BOTH REACTIVE AND DISSIPATIVE SOUND DAMPENING**
[54] **PANNEAU ET STRUCTURE DE PANNEAU SERVANT A LA VENTILATION ET A L'ATTENUATION REACTIVE ET DISSIPATIVE DU SON**
[72] YAU, VICKING WAI KING, CA
[72] HIGGINS, JAMES, CA
[71] VANAIR DESIGN INC., CA
[22] 2014-03-20
[41] 2015-09-20

[21] **2,847,135**
[13] A1
[51] **Int.Cl. B60P 1/00 (2006.01) B60P 1/56 (2006.01) B60P 1/60 (2006.01) B60P 3/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OFF-LOADING LIQUIDS FROM TANK TRAILERS**
[54] **SYSTEME ET METHODE DE DECHARGEMENT DE LIQUIDE DE REMORQUE-CITERNE**
[72] GOODIER, PETER CHARLES, US
[71] PARAGON TANK TRUCK EQUIPMENT, LLC, US
[22] 2014-03-21
[41] 2015-09-21

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[21] **2,847,136**
[13] A1

[51] **Int.Cl. B62B 1/02 (2006.01) B62B 1/06 (2006.01) G09F 21/00 (2006.01)**

[25] EN

[54] **ELECTRONIC SIGN BOARD, PORTABLE SIGN SHACK AND THRESHOLD TRANSPORT DOLLY**

[54] **PANNONCEAU ELECTRONIQUE, ENCEINTE PORTABLE ET CHARIOT DE TRANSPORT A SEUIL**

[72] MACDOUGALL, KENNETH L., CA
[71] MACDOUGALL, KENNETH L., CA
[22] 2014-03-24
[41] 2015-09-24

[21] **2,847,250**
[13] A1

[51] **Int.Cl. A61K 38/28 (2006.01) A61K 31/7048 (2006.01) A61P 3/08 (2006.01)**

[25] EN

[54] **THERAPEUTIC METHODS AND COMPOSITIONS FOR TREATING DIABETES**

[54] **METHODES ET COMPOSITIONS THERAPEUTIQUES POUR LE TRAITEMENT DU DIABETE**

[72] SU, MING-JAI, TW
[72] LEE, SHOEI-SHENG, TW
[71] ORIENT EUROPHARMA CO., LTD., CN
[22] 2014-03-20
[41] 2015-09-20

[21] **2,847,286**
[13] A1

[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **THERAPEUTIC METHODS AND COMPOSITIONS FOR TREATING DIABETES UTILIZING DITERPENOID COMPOUNDS**

[54] **METHODES ET COMPOSITIONS THERAPEUTIQUES COMPORTANT DES COMPOSES DE DITERPENOIDE POUR LE TRAITEMENT DU DIABETE**

[72] SU, MING-JAI, TW
[72] LEE, SHOEI-SHENG, CH
[71] ORIENT EUROPHARMA CO., LTD., CN
[22] 2014-03-20
[41] 2015-09-20

[21] **2,847,314**
[13] A1

[51] **Int.Cl. H04B 7/185 (2006.01) H04W 36/32 (2009.01) B64G 1/24 (2006.01) H01Q 21/00 (2006.01) H04B 1/16 (2006.01) H04B 7/19 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SATELLITE NETWORK CAPACITY BOOST BY FREQUENCY CROSS-STRAPPING**

[54] **SYSTEME ET METHODE DE STIMULATION DE LA CAPACITE RESEAU SATELLITE PAR PERMUTATION DE FREQUENCE**

[72] WENDLING, DAVE, CA
[72] SKUBLICS, KEN, CA
[72] GOODING, VICTOR, CA
[72] PAL SINGH, SURINDER, CA
[72] BIGRAS, ANDRE E., CA
[71] TELESAT CANADA, CA
[22] 2014-03-21
[41] 2015-09-21

[21] **2,847,321**
[13] A1

[51] **Int.Cl. E04D 13/064 (2006.01)**

[25] EN

[54] **CLIP FOR SECURING GUTTER GUARD TO GUTTER**

[54] **PINCE SERVANT A FIXER UN PROTEGE-CANIVEAU A UN CANIVEAU**

[72] CULLEN, JAMES M., US
[71] PRODUCTS INNOVATION GROUP, INC., US
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,341**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/295 (2006.01) F04B 47/00 (2006.01)**

[25] EN

[54] **ARTIFICIAL LIFT SYSTEM**

[54] **SYSTEME DE LEVAGE ARTIFICIEL**

[72] SAPONJA, JEFF, CA
[72] HARI, ROB, CA
[72] TYMKO, DEAN, CA
[71] 1784237 ALBERTA LTD., CA
[22] 2014-03-24
[41] 2015-09-24

[21] **2,847,382**
[13] A1

[51] **Int.Cl. B27B 23/00 (2006.01) B26D 1/25 (2006.01)**

[25] EN

[54] **A PORTABLE CUTTER FOR CUTTING BOARDS**

[54] **UN DISPOSITIF DE COUPE PORTATIF POUR PLANCHES A DECOUPER**

[72] LEFEBVRE, RICHARD, CA
[71] LEFEBVRE, RICHARD, CA
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,388**
[13] A1

[51] **Int.Cl. A01M 1/20 (2006.01) B65D 83/06 (2006.01) A01N 61/00 (2006.01) A01P 7/00 (2006.01)**

[25] EN

[54] **DIATOMACEOUS EARTH INTERMIXED WITH A COLOURING AGENT, AND SPRAY APPARATUSES, USES, AND METHODS INVOLVING SAME**

[54] **TERRE DE DIATOMEES MELANGEES A UN AGENT COLORANT ET APPAREILS DE PULVERISATION, UTILISATIONS ET METHODES ASSOCIEES**

[72] PHILLIPS, RODERICK WILLIAM, CA
[71] PHILLIPS, RODERICK WILLIAM, CA
[22] 2014-03-21
[41] 2015-09-21

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[21] **2,847,430**
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/45 (2011.01) H04N 21/482 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CREATING AND MANAGING INDIVIDUAL USERS FOR PERSONALIZED TELEVISION AND BLENDED MEDIA SERVICES**

[54] **SYSTEME ET METHODE DE CREATION ET DE GESTION D'UTILISATEURS INDIVIDUELS POUR SERVICES DE TELEVISION ET DE MULTIMEDIAS MIXTES PERSONNALISES**

[72] DEEN, JAY A., CA
[72] WAGHMARE, GEMINI, CA
[72] WANG, JERRY, CA
[72] ROZBOROVA, LUCIA, CA
[71] UXP SYSTEMS INC., CA
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,433**
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/45 (2011.01) H04N 21/482 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CREATING AND MANAGING INDIVIDUAL USERS FOR PERSONALIZED TELEVISION ON BEHALF OF PRE-EXISTING VIDEO DELIVERY PLATFORMS**

[54] **SYSTEME ET METHODE DE CREATION ET DE GESTION D'UTILISATEURS INDIVIDUELS PERSONNALISEE AU NOM DE PLATEFORMES DE LIVRAISON VIDEO PREEXISTANTES**

[72] WANG, JERRY, CA
[72] LIM, SOYEON, CA
[72] WAGHMARE, GEMINI, CA
[72] DEEN, JAY A., CA
[71] UXP SYSTEMS INC., CA
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,446**
[13] A1

[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PRODUCING FORMATION FLUIDS**

[54] **SYSTEMES ET METHODES DE PRODUCTION DE FLUIDES DE FORMATION**

[72] SAPONJA, JEFF, CA
[72] FLANGAN, COLIN, CA
[72] HARI, ROB, CA
[71] 1784237 ALBERTA LTD., CA
[22] 2014-03-24
[41] 2015-09-24

[21] **2,847,456**
[13] A1

[51] **Int.Cl. A01D 65/00 (2006.01)**

[25] EN

[54] **CAM REEL WITH COMPLEX BAT PATH**

[54] **RABATTEUR A CAME A CHEMIN DE LATTES COMPLEXE**

[72] HONEY, GREGORY, CA
[72] HONEY, GLENN, CA
[71] HONEY BEE MANUFACTURING LTD., CA
[22] 2014-03-26
[41] 2015-09-26

[21] **2,847,483**
[13] A1

[51] **Int.Cl. E03C 1/12 (2006.01) E03C 1/122 (2006.01) C02F 1/00 (2006.01)**

[25] FR

[54] **MONITORING AND SELF-PROTECTION SYSTEM FOR A TREATMENT AND DISTRIBUTION PROCESS FOR GRAY WATER, SAID GRAY WATER INTENDED TO BE REUSED**

[54] **SYSTEME DE SURVEILLANCE ET D'AUTOPROTECTION D'UN PROCEDE DE TRAITEMENT ET DISTRIBUTION D'EAU GRISE, LADITE EAU GRISE ETANT DESTINEE A LA REUTILISATION**

[72] LAMY, JEAN-FRANCOIS, CA
[71] LAMY, JEAN-FRANCOIS, CA
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,505**
[13] A1

[51] **Int.Cl. A41F 11/00 (2006.01) A41B 11/12 (2006.01) A41F 19/00 (2006.01) A63B 71/12 (2006.01)**

[25] EN

[54] **SPORT SOCK SUPPORT DEVICE**

[54] **DISPOSITIF DE SOUTIEN DE CHAUSSETTE DE SPORT**

[72] VERBAKEL, HENRY, CA
[71] VERBAKEL, HENRY, CA
[22] 2014-03-26
[41] 2015-09-26

[21] **2,847,511**
[13] A1

[51] **Int.Cl. E02B 3/02 (2006.01) A01K 63/00 (2006.01) F04F 10/00 (2006.01) F16L 55/07 (2006.01)**

[25] EN

[54] **LAKE/POND LEVELER**

[54] **NIVELEUR POUR LAC OU ETANG**

[72] COLE, WILLIAM T., CA
[71] COLE, WILLIAM T., CA
[22] 2014-03-26
[41] 2015-09-26

[21] **2,847,520**
[13] A1

[51] **Int.Cl. F16L 47/18 (2006.01) B29C 63/26 (2006.01) F16L 11/15 (2006.01) F16L 21/00 (2006.01) F16L 27/11 (2006.01) F16L 51/02 (2006.01)**

[25] EN

[54] **METHODS OF MANUFACTURING AN EXPANSION COMPENSATOR**

[54] **METHODES DE FABRICATION DE COMPENSATEUR D'EXPANSION**

[72] CONRAD, WAYNE ERNEST, CA
[71] G.B.D. CORP, BS
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,536**
[13] A1

[51] **Int.Cl. B29C 49/04 (2006.01)**

[25] EN

[54] **METHODS OF MANUFACTURING AN EXPANSION COMPENSATOR**

[54] **METHODES DE FABRICATION DE COMPENSATEUR D'EXPANSION**

[72] CONRAD, WAYNE ERNEST, CA
[71] G.B.D. CORP, BS
[22] 2014-03-25
[41] 2015-09-25

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[21] **2,847,576**
[13] A1

[51] **Int.Cl. H01P 1/39 (2006.01)**
[25] EN
[54] **WAVEGUIDE CIRCULATOR CONFIGURATION AND METHOD OF USING SAME**
[54] **CONFIGURATION DE CIRCULATEUR DE GUIDE D'ONDES ET SA METHODE D'UTILISATION**
[72] HELSZAJN, JOSEPH, GB
[72] CARIGNAN, LOUIS-PHILIPPE, CA
[72] CAPLIN, MARCO, CA
[71] APOLLO MICROWAVES, LTD., CA
[22] 2014-03-24
[41] 2015-09-24

[21] **2,847,578**
[13] A1

[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **CONTROLLING MECHANISM FOR CORDLESS BLIND SET**
[54] **MECANISME DE CONTROLE DE STORE SANS FIL**
[72] CHEN, PO-YU, TW
[71] CHEN, CHIN-FU, TW
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,585**
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **TIMING SYSTEM FOR SEEDER PRODUCT DELIVERY**
[54] **DISPOSITIF DE SYNCHRONISATION POUR LA DISTRIBUTION DE PRODUIT D'UN SEMOIR**
[72] KINCH, OWEN, CA
[72] BEAUJOT, NORBERT, CA
[72] OTTENBREIT, TIMOTHY, CA
[71] STRAW TRACK MANUFACTURING INC., CA
[22] 2014-03-25
[41] 2015-09-25

[21] **2,847,606**
[13] A1

[51] **Int.Cl. F16L 5/10 (2006.01) F16L 3/22 (2006.01)**
[25] EN
[54] **CABLE PASS THROUGH SEALING SYSTEMS**
[54] **DISPOSITIFS D'ETANCHEISATION DE PASSE-CABLE**
[72] COX, MARTIN, CA
[72] JUNG, SYDNEY, CA
[71] SUPERIOR TRAY SYSTEMS INC., CA
[22] 2014-03-26
[41] 2015-09-26

[21] **2,847,642**
[13] A1

[51] **Int.Cl. A63B 63/02 (2006.01) A63B 63/00 (2006.01)**
[25] EN
[54] **SOCCER APPARATUS AND METHOD**
[54] **APPAREIL DE SOCCER ET METHODE**
[72] BHIMSINGH, MICHAEL P., CA
[71] BHIMSINGH, MICHAEL P., CA
[22] 2014-03-24
[41] 2015-09-24

[21] **2,847,919**
[13] A1

[51] **Int.Cl. H02K 99/00 (2014.01) F03G 7/10 (2006.01) H02K 53/00 (2006.01)**
[25] EN
[54] **ENERGY SAVER**
[54] **ECONOMISEUR D'ENERGIE**
[72] GENEST, GARY, CA
[71] GENEST, GARY, CA
[22] 2014-03-26
[41] 2015-09-26

[21] **2,848,486**
[13] A1

[51] **Int.Cl. C10L 11/04 (2006.01)**
[25] EN
[54] **IGNITION FORMULATION FOR AN INCENDIARY MATERIAL AND A SYSTEM FOR CONTROLLING GENERATION OF A FLAME FROM AN INCENDIARY CAPSULE**
[54] **FORMULE D'ALLUMAGE POUR UN MATERIAU INCENDIAIRE ET UN DISPOSITIF DE CONTROLE DE PRODUCTION DE FLAMME A PARTIR D'UNE CAPSULE INCENDIAIRE**
[72] STEVENSON, ROBERT ANDREW, AU
[72] FRANKLIN, ROGER, AU
[71] RAINDANCE SYSTEMS PTY LTD, AU
[22] 2014-04-07
[41] 2015-09-24
[30] AU (2014901047) 2014-03-24
[30] US (61/975,097) 2014-04-04

[21] **2,850,204**
[13] A1

[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/071 (2010.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR CELL DIFFERENTIATION**
[54] **METHODE DE DIFFERENCIATION DE CELLULES**
[72] CZYSZ, KATARZYNA ANNA, GB
[71] GE HEALTHCARE UK LIMITED, GB
[22] 2014-04-28
[41] 2015-09-26
[30] US (14/225,740) 2014-03-26

[21] **2,852,819**
[13] A1

[51] **Int.Cl. A41D 13/08 (2006.01) A41D 19/015 (2006.01) A63B 71/14 (2006.01)**
[25] EN
[54] **SPORTS GLOVE WITH AN ADJUSTABLE CUFF**
[54] **GANT DE SPORT DOTE D'UN POIGNET AJUSTABLE**
[72] LEMIEUX, ERIC, CA
[71] BAUER PERFORMANCE LACROSSE CORP., CA
[22] 2014-05-29
[41] 2015-09-20
[30] US (14/220,438) 2014-03-20

**Canadian Applications Open to Public Inspection
September 20, 2015 to September 26, 2015**

[21] **2,852,886**
[13] A1

[51] **Int.Cl. A63B 71/08 (2006.01) A41D 13/015 (2006.01) A41D 13/05 (2006.01) A41D 13/08 (2006.01)**

[25] EN

[54] **ARM PROTECTOR OR OTHER BODY PART PROTECTOR**

[54] **PROTEUR POUR BRAS OU PROTECTEUR POUR D'AUTRES PARTIES DU CORPS**

[72] MORIN, KYLE, US

[72] LEMIEUX, ERIC, CA

[71] BAUER PERFORMANCE LACROSSE CORP., CA

[22] 2014-05-29

[41] 2015-09-20

[30] US (14/220,465) 2014-03-20

[21] **2,853,586**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV844429**

[54] **PLANTES ET SEMENCES DE VARIETE CV844429 DE MAIS**

[72] OCHS, NICHOLAS P., US

[72] TRIFUNOVIC, SLOBODAN, US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-06

[41] 2015-09-25

[30] US (14/225,212) 2014-03-25

[21] **2,853,588**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV442915**

[54] **PLANTES ET SEMENCES DE VARIETE CV442915 DE MAIS**

[72] FAUE, ALLEN C., US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-06

[41] 2015-09-25

[30] US (14/225,291) 2014-03-25

[21] **2,853,589**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV132428**

[54] **PLANTES ET SEMENCES DE VARIETE CV132428 DE MAIS**

[72] PAGE, NATHANIEL J., US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-05

[41] 2015-09-25

[30] US (14/225,044) 2014-03-25

[21] **2,853,590**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV511034**

[54] **PLANTES ET SEMENCES DE VARIETE CV511034 DE MAIS**

[72] POPI, JON, US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-05

[41] 2015-09-25

[30] US (14/225,009) 2014-03-25

[21] **2,853,601**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV950930**

[54] **PLANTES ET SEMENCES DE VARIETE CV950930 DE MAIS**

[72] POPI, JON, US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-06

[41] 2015-09-25

[30] US (14/225,301) 2014-03-25

Demandes canadiennes mises à la disponibilité du public
20 septembre 2015 au 26 septembre 2015

[21] **2,854,393**
[13] A1

[51] **Int.Cl. C22B 3/08 (2006.01) C22B 3/22 (2006.01) C22B 23/00 (2006.01)**

[25] EN

[54] **RECOVERY OF NICKEL AND COBALT FROM LATERIES BY SONIC ASSISTED SULFATATION**

[54] **RECUPERATION DE NICKEL ET DE COBALT DE LATERITES PAR SULFATATION ASSISTEE PAR ULTRASON**

[72] LALANCETTE, JEAN-MARC, CA

[72] DUBREUIL, BERTRAND, CA

[72] LEMIEUX, DAVID, CA

[71] DUNDEE SUSTAINABLE TECHNOLOGIES INC., CA

[22] 2014-06-13

[41] 2015-09-20

[30] US (61/968,029) 2014-03-20

[21] **2,854,499**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV137072**

[54] **PLANTES ET SEMENCES DE VARIETE CV137072 DE MAIS**

[72] POPI, JON, US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-17

[41] 2015-09-25

[30] US (14/224,995) 2014-03-25

[21] **2,854,500**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23C 1/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV566597**

[54] **PLANTES ET SEMENCES DE VARIETE CV566597 DE MAIS**

[72] PAGE, NATHANIEL J., US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-17

[41] 2015-09-25

[30] US (14/225,026) 2014-03-25

[21] **2,854,501**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV576465**

[54] **PLANTES ET SEMENCES DE VARIETE CV576465 DE MAIS**

[72] BIRRU, FUFA H., US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-17

[41] 2015-09-25

[30] US (14/225,113) 2014-03-25

[21] **2,854,502**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV853963**

[54] **PLANTES ET SEMENCES DE VARIETE CV853963 DE MAIS**

[72] PAPPATHOPOULOS, SARAH, US

[72] ROUCOLLE, JOEL, US

[72] STELPFLUG, RICHARD G., US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-17

[41] 2015-09-25

[30] US (14/225,197) 2014-03-25

[21] **2,854,575**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN

[54] **PLANTS AND SEEDS OF CORN VARIETY CV163018**

[54] **PLANTES ET SEMENCES DE VARIETE CV163018 DE MAIS**

[72] POPI, JON, US

[71] MONSANTO TECHNOLOGY LLC, US

[22] 2014-06-18

[41] 2015-09-25

[30] US (14/225,273) 2014-03-25

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[21] **2,854,577**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23K 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN
[54] **PLANTS AND SEEDS OF CORN VARIETY CV247671**
[54] **PLANTES ET SEMENCES DE VARIETE CV247671 DE MAIS**

[72] BOERBOOM, MARVIN L., US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2014-06-18
[41] 2015-09-25
[30] US (14/225,297) 2014-03-25

[21] **2,854,586**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN
[54] **PLANTS AND SEEDS OF CORN VARIETY CV934423**
[54] **PLANTES ET SEMENCES DE VARIETE CV934423 DE MAIS**

[72] KRIVANEK, ALAN, US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2014-06-18
[41] 2015-09-25
[30] US (14/225,305) 2014-03-25

[21] **2,854,661**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23L 1/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01) C13K 3/00 (2006.01) C08B 30/04 (2006.01)**

[25] EN
[54] **PLANTS AND SEEDS OF CORN VARIETY CV730854**
[54] **PLANTES ET SEMENCES DE VARIETE CV730854 DE MAIS**

[72] POPI, JON, US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2014-06-19
[41] 2015-09-25
[30] US (14/225,231) 2014-03-25

[21] **2,855,042**
[13] A1

[51] **Int.Cl. E21B 19/06 (2006.01)**

[25] EN
[54] **APPARATUS AND METHOD FOR THE INSTALLATION OR REMOVAL OF A ROTARY CONTROL DEVICE INSERT OR A COMPONENT THEREOF**
[54] **APPAREIL ET METHODE D'INSTALLATION OU DE RETRAIT D'UNE INSERTION DE DISPOSITIF DE COMMANDE ROTATIF OU D'UNE COMPOSANTE DE CELUI-CI**

[72] MARSHALL, BARRY, US
[72] MARSHALL, GARY, US
[71] JTB TOOLS & OILFIELD SERVICES, LLC, US
[22] 2014-06-25
[41] 2015-09-21
[30] US (14/222,205) 2014-03-21
[30] US (14/269,889) 2014-05-05

[21] **2,855,060**
[13] A1

[51] **Int.Cl. B24C 1/04 (2006.01)**

[25] EN
[54] **METHOD OF TREATING A SURFACE OF A UTENSIL**
[54] **METHODE DE TRAITEMENT DE SURFACE D'UN USTENSILE**

[72] FENG, ZHIHUI, CN
[72] ZHANG, JUNBIN, CN
[71] LES PROMOTIONS ATLANTIQUES INC. / ATLANTIC PROMOTIONS INC., CA
[22] 2014-06-23
[41] 2015-09-22

[21] **2,864,492**
[13] A1

[51] **Int.Cl. F15B 15/14 (2006.01) B63H 20/10 (2006.01) B66F 3/25 (2006.01) B66F 3/42 (2006.01)**

[25] EN
[54] **PUMP APPARATUS AND HYDRAULIC ACTUATOR**
[54] **APPAREIL DE POMPAGE ET ACTIONNEUR HYDRAULIQUE**

[72] TSUTSUI, HAYATO, JP
[72] SADAKATA, KAZUHIKO, JP
[72] KAGAWA, ATSUSHI, JP
[71] SHOWA CORPORATION, JP
[22] 2014-09-23
[41] 2015-09-25
[30] JP (2014-062718) 2014-03-25

[21] **2,865,638**
[13] A1

[51] **Int.Cl. H02J 15/00 (2006.01) B60L 11/18 (2006.01) B60R 16/02 (2006.01) H02J 7/00 (2006.01)**

[25] EN
[54] **CONTROLLING BATTERIES FOR ELECTRIC BUS**
[54] **COMMANDE DE BATTERIES POUR AUTOBUS ELECTRIQUE**

[72] OWEN, ROBERT BRYDON THOMAS, CA
[72] NAYLOR, DAVID GLEN, CA
[71] NEW FLYER INDUSTRIES CANADA ULC, CA
[22] 2014-10-01
[41] 2015-09-26
[30] US (61/970,486) 2014-03-26

Demandes canadiennes mises à la disponibilité du public
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[21] **2,866,074**
[13] A1

[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/12 (2006.01)**
 [25] EN
 [54] **BRA WITH TWO LAYERS OF SUPPORT**
 [54] **SOUTIEN-GORGE OFFRANT DEUX COUCHES DE SOUTIEN**
 [72] RANDALL, TRACEY, US
 [72] MUHLENFELD, STEPHANIE KRISTIN, US
 [71] MAST INDUSTRIES (FAR EAST) LIMITED, HK
 [22] 2014-10-06
 [41] 2015-09-20
 [30] US (29/485,614) 2014-03-20
 [30] US (29/485,615) 2014-03-20
 [30] US (14/325,992) 2014-07-08

[21] **2,866,258**
[13] A1

[51] **Int.Cl. G01N 21/25 (2006.01) G06T 7/00 (2006.01)**
 [25] EN
 [54] **METHOD AND APPARATUS FOR UNSUPERVISED SEGMENTATION OF MICROSCOPIC COLOR IMAGE OF UNSTAINED SPECIMEN AND DIGITAL STAINING OF SEGMENTED HISTOLOGICAL STRUCTURES**
 [54] **METHODE ET APPAREIL DE SEGMENTATION NON SUPERVISEE D'IMAGE COULEUR MICROSCOPIQUE D'ECHANTILLON NON COLORE ET COLORATION NUMERIQUE DE STRUCTURES HISTOLOGIQUES SEGMENTEES**
 [72] KOPRIVA, IVICA, HR
 [72] POPOVIC-HADZIJA, MARIJANA, HR
 [72] HADZIJA, MIRKO, HR
 [72] ARALICA, GORANA, HR
 [71] RUDJER BOSKOVIC INSTITUTE, HR
 [22] 2014-10-06
 [41] 2015-09-20
 [30] US (14/221,017) 2014-03-20

[21] **2,868,889**
[13] A1

[51] **Int.Cl. B63H 20/10 (2006.01) C23F 13/20 (2006.01) F16J 7/00 (2006.01)**
 [25] EN
 [54] **TRIM AND TILT DEVICE AND MARINE VESSEL PROPELLING MACHINE**
 [54] **DISPOSITIF D'EQUILIBRAGE ET D'INCLINAISON ET MACHINE DE PROPULSION DE BATIMENT MARITIME**
 [72] SAITO, TAKAHIKO, JP
 [72] TSUTSUI, HAYATO, JP
 [71] SHOWA CORPORATION, JP
 [22] 2014-10-28
 [41] 2015-09-26
 [30] JP (2014-063104) 2014-03-26

[21] **2,868,892**
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) B63H 20/10 (2006.01) B66F 3/24 (2006.01) B66F 3/42 (2006.01) F04B 9/08 (2006.01) F15B 15/14 (2006.01) F15C 3/00 (2006.01)**
 [25] EN
 [54] **PUMP DEVICE AND HYDRAULIC ACTUATOR**
 [54] **DISPOSITIF DE POMPAGE ET ACTIONNEUR HYDRAULIQUE**
 [72] TSUTSUI, HAYATO, JP
 [72] TANAKA, NOBUAKI, JP
 [72] UEKI, TAKESHI, JP
 [71] SHOWA CORPORATION, JP
 [22] 2014-10-28
 [41] 2015-09-25
 [30] JP (2014-062716) 2014-03-25

[21] **2,868,898**
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) B63H 20/10 (2006.01) B66F 3/25 (2006.01) B66F 3/42 (2006.01) F04B 9/10 (2006.01) F15B 15/14 (2006.01)**
 [25] EN
 [54] **PUMP DEVICE AND HYDRAULIC ACTUATOR**
 [54] **DISPOSITIF DE POMPAGE ET ACTIONNEUR HYDRAULIQUE**
 [72] TSUTSUI, HAYATO, JP
 [72] HORIE, SHINYA, JP
 [72] SADAKATA, KAZUHIKO, JP
 [72] UEKI, TAKESHI, JP
 [71] SHOWA CORPORATION, JP
 [22] 2014-10-28
 [41] 2015-09-25
 [30] JP (2014-062717) 2014-03-25

[21] **2,871,824**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 50/10 (2012.01)**
 [25] EN
 [54] **METHODS AND SYSTEMS RELATING TO IMMEDIATE SERVICE DELIVERY**
 [54] **METHODES ET SYSTEMES RELATIFS A LA PRESTATION IMMEDIATE DE SERVICE**
 [72] ROY, GUSTAVE, CA
 [71] EPLow CORP., CA
 [22] 2014-11-19
 [41] 2015-09-25
 [30] US (61/969,865) 2014-03-25

[21] **2,872,024**
[13] A1

[51] **Int.Cl. A61F 9/00 (2006.01) A61B 3/00 (2006.01)**
 [25] EN
 [54] **SHARP FIXATION TARGET**
 [54] **CIBLE DE FIXATION POINTUE**
 [72] WEBER, MAREC, DE
 [71] NOVARTIS AG, CH
 [22] 2014-11-21
 [41] 2015-09-24
 [30] DE (10 2014 004 248.0) 2014-03-24

[21] **2,873,730**
[13] A1

[51] **Int.Cl. B32B 5/10 (2006.01) B29C 70/16 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 27/04 (2006.01) B32B 38/08 (2006.01)**
 [25] EN
 [54] **THREE-DIMENSIONAL FILAMENT NETWORK FOR A COMPOSITE LAMINATE**
 [54] **RESEAU DE FILAMENT EN TROIS DIMENSIONS POUR UN LAMELLE EN COMPOSITE**
 [72] MEURE, SAMUEL JAMES, US
 [72] HOWE, CHRISTOPHER ALAN, US
 [72] WILSON, THOMAS, US
 [71] THE BOEING COMPANY, US
 [22] 2014-12-05
 [41] 2015-09-25
 [30] US (14/224,278) 2014-03-25

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[21] **2,875,099**
[13] A1

[51] **Int.Cl. G01V 3/02 (2006.01)**
[25] EN
[54] **NON-POLARIZED GEOPHYSICAL ELECTRODE**
[54] **ELECTRODE GEOPHYSIQUE NON POLARISEE**
[72] LU, YI, CA
[72] WANG, ZHONGXING, CN
[72] DI, QINGYUN, CN
[71] INSTITUTE OF GEOLOGY AND GEOPHYSICS, CHINESE ACADEMY OF SCIENCES, CN
[71] LU, YI, CA
[22] 2014-12-15
[41] 2015-09-21
[30] US (13/999,781) 2014-03-21

[21] **2,875,687**
[13] A1

[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **USE OF ELECTRICAL HEATING ELEMENTS FOR SAGD START-UP**
[54] **UTILISATION D'ELEMENTS CHAUFFANTS ELECTRIQUES POUR LE DEMARRAGE DE Puits SAGD**
[72] FREDERICK, LAWRENCE J., CA
[72] ERUCHALU, JANE IFEOMA, CA
[72] LAURESHEN, CATHERINE JEAN, CA
[72] SAEEDFAR, AMIN, CA
[71] HUSKY OIL OPERATIONS LIMITED, CA
[71] STATOIL CANADA LIMITED, CA
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[30] US (61/969,731) 2014-03-24

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[25] EN
[54] **METHOD OF ATTACHING POWER CABLE AND HOME APPLIANCE WITH POWER CABLE**
[54] **METHODE DE FIXATION DE CABLE D'ALIMENTATION ET APPAREIL ELECTROMENAGER DOTE D'UN CABLE D'ALIMENTATION**
[72] JONES, ROBERT, US
[72] TANVIR, ANSAR, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH BOSCH UND SIEMENS HAUSGERATE GMBH, DE
[22] 2015-01-06
[41] 2015-09-26
[30] US (14/225,479) 2014-03-26

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[13] A1

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[25] EN
[54] **MOBILE DEVICE HEATING JACKET**
[54] **ENVELOPPE CHAUFFANTE POUR DISPOSITIF MOBILE**
[72] MELLO, ANDREA, US
[71] MELLO, ANDREA, US
[22] 2015-01-05
[41] 2015-09-24
[30] US (14/223,808) 2014-03-24

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[25] EN
[54] **PLACEMENT OF PREPREG TOWS IN HIGH ANGLE TRANSITION REGIONS**
[54] **POSITIONNEMENT DE CABLES DE REMORQUAGE PREIMPREGNES DANS LES REGIONS DE TRANSITION A GRAND ANGLE**
[72] ANDERSON, DONALD A., US
[72] HUGHES, JESSICA R., US
[71] THE BOEING COMPANY, US
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[41] 2015-09-20
[30] US (14/220,725) 2014-03-20

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[25] EN
[54] **FULLY CUSTOMIZABLE MOBILE GREETING CARD APP**
[54] **APPLI DE CARTE DE SOUHAITS MOBILE PERSONNALISABLE**
[72] MATOUSEK, ROB, US
[72] MOSCA, LARRY, US
[72] SCHRINER, SALLY, US
[71] AMERICAN GREETINGS CORPORATION, US
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[41] 2015-09-24
[30] US (61/969,335) 2014-03-24
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[54] **SOYBEAN CULTIVAR WN1116094-1**
[54] **CULTIVAR DE SOJA WN1116094-1**
[72] THRELKELD, KEVIN CHRIS, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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 [54] **FUSE INSULATING SUPPORT BRACKET WITH PRE-MOLDED SHED**
 [54] **MONTANT DE SUPPORT ISOLANT POUR FUSIBLE ET ENVELOPPE PREMOULEE**
 [72] SIEBENS, LARRY N., US
 [72] GARDNER, DANIEL L., US
 [72] HAYNES, GARY, US
 [71] THOMAS & BETTS INTERNATIONAL, INC., US
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 [41] 2015-09-20
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 [25] EN
 [54] **SERVICING MONITORING SYSTEM FOR MIXED FLUID-GAS SHOCK STRUTS**
 [54] **SYSTEME DE SURVEILLANCE D'ENTRETIEN POUR AMORTISSEUR MIXTE LIQUIDE-GAZ**
 [72] FAZELI, AMIR M., CA
 [72] CEPIC, ADNAN, CA
 [72] REBER, SUSANNE M., US
 [71] GOODRICH CORPORATION, US
 [22] 2015-02-18
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 [30] US (61/968,462) 2014-03-21
 [30] US (14/318,055) 2014-06-27

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 [54] **SEAT HEIGHT ADJUSTMENT**
 [54] **MECANISME D'AJUSTEMENT DE HAUTEUR DE SIEGE**
 [72] OHLINGER, JOACHIM, DE
 [71] KOKINETICS GMBH, DE
 [22] 2015-02-18
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 [30] DE (10 2014 004 111.5) 2014-03-24

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 [54] **SYSTEMS AND METHODS FOR CONTROLLING A FUEL TANK ENVIRONMENT**
 [54] **MECANISMES ET METHODES DE CONTROLE D'UN ENVIRONNEMENT DE RESERVOIR DE CARBURANT**
 [72] HEATH, JONATHAN CHRISTOPHER, US
 [71] THE BOEING COMPANY, US
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 [30] US (14/223749) 2014-03-24

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 [54] **AIR CONDITIONING SYSTEM**
 [54] **APPAREIL DE CONDITIONNEMENT DE L'AIR**
 [72] MATSUBARA, MITSUNORI, JP
 [72] XIAO, CHAOHONG, CN
 [72] WU, XIAOWEN, CN
 [72] DENG, YIXIA, CN
 [72] ZENG, WANTING, JP
 [72] TSUBOSA, DAISUKE, CN
 [71] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN
 [71] PANASONIC CORPORATION, JP
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[13] A1

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 [54] **HIP RESURFACING DRILL GUIDE DEVICE**
 [54] **DISPOSITIF GUIDE DE RESURFACAGE DE HANCHE**
 [72] JOHANNABER, KENNETH DALE, US
 [71] SYNVASIVE TECHNOLOGY, INC., US
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 [30] US (14/224,920) 2014-03-25

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 [25] EN
 [54] **OVER-FRAME BLANKET ASSEMBLIES AND METHODS OF INSTALLATION IN FUSELAGE ASSEMBLIES**
 [54] **ASSEMBLAGES DE REVETEMENT CHEVAUCHANT UNE STRUCTURE ET METHODES D'INSTALLATION DANS LES ASSEMBLAGES DE FUSELAGE**
 [72] LUCAS, MIKE, US
 [72] LYNCH, KRISTOPHER PHILIP, US
 [71] GULFSTREAM AEROSPACE CORPORATION, US
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 [54] **COMPACTEUR DE FORAGE**
 [72] DALEIDEN, KEVIN L., US
 [71] AGROMATIC INC., US
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 [54] **PREPAID CARD EXCHANGE SYSTEMS AND ASSOCIATED METHODS**
 [54] **SYSTEMES D'ECHANGE DE CARTE PREPAYEE ET METHODES ASSOCIEES**
 [72] FRIEDLANDER, JASON, US
 [71] OUTERWALL INC., US
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[54] **SYSTEM AND METHOD FOR ASSEMBLY MANUFACTURING**
[54] **SYSTEME ET METHODE DE FABRICATION D'ASSEMBLAGE**
[72] REID, ERIC M., US
[72] DESJARDIEN, MATTHEW R., US
[72] BATT, EDWARD J., US
[72] MICALE, ANTONIO C., US
[71] THE BOEING COMPANY, US
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[30] US (14/222,878) 2014-03-24

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[25] EN
[54] **METHOD FOR MONITORING THE OPERATION OF A METAL DETECTION SYSTEM AND METAL DETECTION SYSTEM**
[54] **METHODE DE SURVEILLANCE DU FONCTIONNEMENT D'UN DISPOSITIF DE DETECTION DE METAL ET DISPOSITIF DE DETECTION DE METAL**
[72] MCADAM, STEPHEN, GB
[71] METTLER-TOLEDO SAFELINE LTD., GB
[22] 2015-03-04
[41] 2015-09-25
[30] EP (14161582.3) 2014-03-25

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[13] A1

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[54] **LADDER-TYPE CABLE TRAY**
[54] **PLATEAU DE CABLES DE TYPE ECHELLE**
[72] TALLY, BRANDON MICHAEL, US
[72] THOMPSON, STEPHEN NATHANIEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2015-03-09
[41] 2015-09-26
[30] US (14/226,322) 2014-03-26

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[25] EN
[54] **SYSTEM AND METHOD OF CONTROLLING AN ELECTRONIC COMPONENT OF A WIND TURBINE USING CONTINGENCY COMMUNICATIONS**
[54] **SYSTEME ET METHODE DE CONTROLE D'UN COMPOSANT ELECTRONIQUE D'UNE EOLIENNE A L'AIDE DE COMMUNICATIONS D'EVENTUALITE**
[72] SEYMOUR, ROBERT ALLEN, US
[72] NOWAK, JAMES MICHAEL, US
[72] SMITH, DAVID, US
[72] TACKMAN, TERRY MICHAEL, US
[72] RITTER, ALLEN MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2015-09-21
[30] US (14/221,566) 2014-03-21

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[25] EN
[54] **APPARATUS AND METHOD FOR FORMING FLANGES ON COMPONENTS**
[54] **APPAREIL ET METHODE DE FORMATION DE BRIDES SUR DES COMPOSANTES**
[72] VERMILYEA, MARK ERNEST, US
[72] KRAY, NICHOLAS JOSEPH, US
[72] RADEBACH, MATTHEW ALLEN, US
[72] VALLEE, ALEXANDER JOSEPH, JR., US
[72] CARMICHAEL, CRAIG DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2015-09-21
[30] US (14/221,583) 2014-03-21

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[13] A1

[51] **Int.Cl. B64F 5/00 (2006.01) B64C 25/58 (2006.01) F16F 9/43 (2006.01)**
[25] EN
[54] **METHOD OF INITIALIZING A LANDING GEAR STRUT**
[54] **METHODE D'INITIALISATION D'UNE JAMBE AMORTISSEUR DE TRAIN D'ATTERRISAGE**
[72] FAZELI, AMIR M., CA
[72] CEPIC, ADNAN, CA
[72] REBER, SUSANNE M., US
[71] GOODRICH CORPORATION, US
[22] 2015-03-11
[41] 2015-09-21
[30] US (61/968,449) 2014-03-21
[30] US (14/317,977) 2014-06-27

[21] **2,884,968**
[13] A1

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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING OIL FROM OIL SANDS RESERVOIRS WITH LOW OVERBURDEN OR PERMEABLE CAPROCK AND HEAVY OIL RESERVOIRS**
[54] **SYSTEME ET METHODE DE PRODUCTION DE PETROLE A PARTIR DE RESERVOIRS DE SABLES BITUMINEUX AYANT UNE ROCHE COUVERTURE DE FAIBLE RECOUVREMENT OU PERMEABLE ET DE RESERVOIRS DE PETROLE LOURD**
[72] OBREJANU, MARCEL, CA
[71] REDSTREAM ENERGY INC., CA
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[41] 2015-09-24
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[13] A1

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 [54] **CONTROL SYSTEM FOR POWERED ROTATION**
 [54] **SYSTEME DE CONTROLE DE ROTATION ELECTRIQUE**
 [72] HOLVERSON, ANDREW, US
 [71] MONROE TRUCK EQUIPMENT, INC., US
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 [41] 2015-09-21
 [30] US (14/221,376) 2014-03-21

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[13] A1

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 [25] EN
 [54] **ILLUMINATED AIMING DEVICES AND RELATED METHODS**
 [54] **DISPOSITIFS DE POINTAGE ILLUMINES ET METHODES ASSOCIEES**
 [72] GRACE, LOUIS, JR., US
 [72] ROELENS, TIMOTHY J., JR. II, US
 [71] GRACE ENGINEERING CORP., US
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 [30] US (61/968,069) 2014-03-20
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 [30] US (14/644,704) 2015-03-11
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[13] A1

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 [25] EN
 [54] **AXLE SHAFT**
 [54] **ARBRE D'ESSIEU**
 [72] MALED, PATRICK T., US
 [72] STRAUB, STEPHEN W., US
 [72] PETSCHKE, THOMAS A., US
 [72] MASCHING, JOSEPH RANDOLPH, US
 [72] EBLEN, DAVID MICHAEL, US
 [72] YAKSIC, MATTHEW, US
 [72] RODRIGUEZ, ALBERTO FABIAN VILLALOBOS, MX
 [72] GUIA, JOSE MEDINA, MX
 [72] MORALES, OSCAR REYES, MX
 [71] SYPRIS TECHNOLOGIES, INC., US
 [22] 2015-03-13
 [41] 2015-09-20
 [30] US (14/220,485) 2014-03-20

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[13] A1

[51] **Int.Cl. A61L 27/16 (2006.01) C08J 3/28 (2006.01)**
 [25] EN
 [54] **ANNEALING METHOD FOR CROSS-LINKED POLYETHYLENE**
 [54] **METHODE DE RECUIV POUR POLYETHYLENE RETICULE**
 [72] SONG, LIN, US
 [72] LAWRYNOWICZ, DANIEL E., US
 [72] LE, KIM-PHUONG NGUYEN, US
 [72] TENHUISEN, KEVOR SHANE, US
 [71] HOWMEDICA OSTEONICS, CORP, US
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[13] A1

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 [25] EN
 [54] **SENSOR SYSTEM, MOTE AND A MOTES-SYSTEM FOR SENSING AN ENVIRONMENTAL PARAMETER**
 [54] **MECANISME DE DETECTEUR, CAPTEUR ET MECANISME A CAPTEUR POUR DETECTER UN PARAMETRE ENVIRONNEMENTAL**
 [72] WORTCHE, HEINRICH JOHANNES, NL
 [72] TALNISHNIKH, ELENA, NL
 [72] VAN POL, JOHANNES HUBERTUS GERARDUS, NL
 [71] STICHTING INCAS3, NL
 [22] 2015-03-13
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 [30] NL (2012484) 2014-03-20

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[13] A1

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 [54] **ROTOR DE TURBINE A GAZ**
 [72] ALVAREZ GARCIA, JOSE JAVIER, ES
 [71] INDUSTRIA DE TURBO PROPULSORES, S.A., ES
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 [30] EP (14382102.3) 2014-03-25

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[13] A1

[51] **Int.Cl. B65D 47/34 (2006.01)**
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 [54] **SUPPLY CONTAINER AND FLUID SUPPLY ASSEMBLY**
 [54] **CONTENANT D'APPROVISIONNEMENT ET DISPOSITIF D'APPROVISIONNEMENT EN LIQUIDE**
 [72] LIU, CHUN CHIN, TW
 [71] CANAMERICA GROUP CO., LTD., TW
 [71] LIU, CHUN CHIN, TW
 [22] 2015-03-13
 [41] 2015-09-21
 [30] TW (103110658) 2014-03-21

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[13] A1

[51] **Int.Cl. B61L 27/00 (2006.01)**
 [25] EN
 [54] **EQUIPMENT FOR A SECONDARY RAIL DETECTION SYSTEM AND SIGNALIZATION SYSTEM INTEGRATING SUCH EQUIPMENT**
 [54] **EQUIPEMENT POUR SYSTEME DE DETECTION DE RAIL SECONDAIRE ET MECANISME DE SIGNALISATION INTEGRANT UN TEL EQUIPEMENT**
 [72] BRESSON, MATHIEU, FR
 [72] PERROT, JOCELYN, FR
 [72] VENENCIE, JEAN-LOUIS, FR
 [71] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[13] A1

[51] **Int.Cl. G01V 13/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MAPPING A THREE-DIMENSIONAL STRUCTURE USING MOTES**
[54] **METHODE ET SYSTEME DE MAPPAGE DE STRUCTURE TRIDIMENSIONNELLE A L'AIDE D'IMPURETES**
[72] WORTCHE, HEINRICH JOHANNES, NL
[72] TALNISHNIKH, ELENA, NL
[71] STICHTING INCAS3, NL
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[41] 2015-09-20
[30] NL (2012483) 2014-03-20

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[13] A1

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[25] EN
[54] **EXHAUST GAS HEAT RECOVERY APPARATUS**
[54] **APPAREIL DE RECUPERATION DE CHALEUR DE GAZ D'ECHAPPEMENT**
[72] ISHIHATA, TAKATO, JP
[72] MURATA, TOSHIO, JP
[72] HIRATA, YUICHIROU, JP
[72] MATSUDA, YUKIHISA, JP
[72] NAKAGAWA, TADASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[41] 2015-09-25
[30] JP (2014-062478) 2014-03-25

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[13] A1

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[25] EN
[54] **BRUSH PARTS HOLDER**
[54] **SUPPORT POUR PARTIES DE BROSSE**
[72] HUYBRECKX, MICHEL JOZEF RENE LAMBERT, NL
[71] KOTI ONROEREND GOED B.V., NL
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[30] NL (1040743) 2014-03-24
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[25] FR
[54] **POWER SUPPLY SYSTEM FOR UNGUIDED ELECTRIC VEHICLES THROUGH THE GROUND**
[54] **SYSTEME D'ALIMENTATION PAR LE SOL POUR VEHICULES ELECTRIQUES NON GUIDES**
[72] HOURTANE, JEAN-LUC, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2015-03-13
[41] 2015-09-25
[30] FR (14 52527) 2014-03-25

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[13] A1

[51] **Int.Cl. A45F 5/00 (2006.01) A45C 13/20 (2006.01) A45C 13/30 (2006.01)**
[25] EN
[54] **LOOP SUITABLE FOR USE WITH A VARIETY OF OBJECTS**
[54] **BOUCLE CONVENANT A UNE VARIETE D'OBJETS**
[72] BROUSSEAU, JEAN-PHILLIPE, CA
[71] BROUSSEAU, JEAN-PHILLIPE, CA
[22] 2015-03-20
[41] 2015-09-20
[30] US (61/968,165) 2014-03-20
[30] US (62/135,694) 2015-03-19

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[13] A1

[51] **Int.Cl. A61K 47/40 (2006.01) A61K 31/164 (2006.01)**
[25] EN
[54] **OPHTHALMIC, INTRA-ARTICULAR OR INTRAVESICAL PREPARATIONS CONTAINING N-ACYL-ETHANOLAMINES**
[54] **PREPARATIONS OPHTALMIQUES, INTERARTICULAIRES OU INTRAVESICALES CONTENANT DES N-ACYL-ETHANOLAMINES**
[72] DELLA VALLE, FRANCESCO, IT
[72] MANGIAFICO, SEBASTIANO, IT
[72] DELLA VALLE, MARIA FEDERICA, IT
[71] EPITECH GROUP S.R.L., IT
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[30] IT (MI2014A000477) 2014-03-21
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[21] **2,885,445**
[13] A1

[51] **Int.Cl. G01R 15/18 (2006.01) G01R 27/02 (2006.01) H02J 3/10 (2006.01) H03H 7/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR AC CURRENT SOURCES, PRECISION CURRENT TRANSDUCERS AND DETECTORS**
[54] **METHODES ET DISPOSITIFS SERVANT AUX SOURCES DE COURANT CA, TRANSDUCTEURS DE COURANT DE PRECISION ET DETECTEURS**
[72] MILJANIC, PETAR N., RS
[72] BARCZYK, TOMASZ, CA
[71] GUILDLINE INSTRUMENTS LIMITED, CA
[22] 2015-03-20
[41] 2015-09-21
[30] US (61/968,557) 2014-03-21

[21] **2,885,446**
[13] A1

[51] **Int.Cl. B66F 9/22 (2006.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01) F15B 1/02 (2006.01) F15B 21/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL VEHICLE**
[54] **VEHICULE INDUSTRIEL**
[72] KATO, NORIHIKO, JP
[72] KOIDE, YUKIKAZU, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2015-03-18
[41] 2015-09-26
[30] JP (2014-064796) 2014-03-26

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[21] **2,885,447**
[13] A1

[51] **Int.Cl. E05B 3/06 (2006.01)**
[25] EN
[54] **INSTALLATION BODY FOR DOOR AND/OR WINDOW HANDLES AND HANDLE ARRANGEMENT WITH ONE INSTALLATION BODY**
[54] **CORPS D'INSTALLATION POUR POIGNEES DE PORTE OU DE FENETRE ET DISPOSITION DE POIGNEE POUR UN CORPS D'INSTALLATION**
[72] KARNUTSCH, ELIAS, AU
[72] SCHUBERTH, OLIVER, IT
[71] HOPPE AG, IT
[22] 2015-03-19
[41] 2015-09-25
[30] GB (DE 10 2014 104 119.4) 2014-03-25
[30] US (14/660,854) 2015-03-17

[21] **2,885,450**
[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01) F25B 49/02 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **SYSTEM FOR OPERATING AN HVAC SYSTEM HAVING TANDEM COMPRESSORS**
[54] **SYSTEME DE FONCTIONNEMENT D'UN SYSTEME CVCA COMPORTANT DES COMPRESSEURS EN TANDEM**
[72] HUNG, DER-KAI, US
[72] HAVARD, HAROLD GENE, US
[72] LEAL, ROSA MARIA, US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-03-19
[41] 2015-09-21
[30] US (14/221,862) 2014-03-21

[21] **2,885,460**
[13] A1

[51] **Int.Cl. B66F 9/22 (2006.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01) F15B 1/02 (2006.01) F15B 21/08 (2006.01)**
[25] EN
[54] **POWER CONTROL DEVICE FOR CARGO HANDLING VEHICLE**
[54] **DISPOSITIF DE CONTROLE D'ALIMENTATION POUR VEHICULE DE MANUTENTION DE FRET**
[72] KATO, NORIHIKO, JP
[72] KOIDE, YUKIKAZU, JP
[72] TANAKA, HIROYUKI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2015-03-19
[41] 2015-09-24
[30] JP (P2014-060085) 2014-03-24

[21] **2,885,449**
[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01) F25B 49/02 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING OPERATION OF AN HVAC SYSTEM HAVING TANDEM COMPRESSORS**
[54] **SYSTEME DE COMMANDE DE FONCTIONNEMENT D'UN SYSTEME CVCA DOTE DE COMPRESSEURS EN TANDEM**
[72] HUNG, DER-KAI, US
[72] HAVARD, HAROLD GENE, US
[72] LEAL, ROSA MARIA, US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-03-19
[41] 2015-09-21
[30] US (14/221,843) 2014-03-21

[21] **2,885,456**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMMUNICATING FINANCIAL BENEFIT INFORMATION TO PATIENTS AND PRESCRIBERS FOR A MEDICATION PRESCRIBED DURING A PRESCRIPTION PROCESS**
[54] **SYSTEMES ET METHODES DE COMMUNICATION D'INFORMATION D'AVANTAGE FINANCIER AUX PATIENTS ET AUX PRESCRIPTEURS RELATIVEMENT A UN MEDICAMENT PRESCRIT PENDANT UN PROCESSUS DE PRESCRIPTION**
[72] KING, BRIAN, US
[72] KAYE, ELIZABETH S., US
[72] MARKS, ALLAN, US
[71] MCKESSON FINANCIAL HOLDINGS, BM
[22] 2015-03-19
[41] 2015-09-26
[30] US (14/226689) 2014-03-26

[21] **2,885,462**
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 2/00 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM, DRYING STATE ESTIMATION METHOD, AND FUEL CELL SYSTEM CONTROL METHOD**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE, METHODES D'ESTIMATION D'ETAT D'ASSECHEMENT ET METHODE DE CONTROLE DU DISPOSITIF DE PILE A COMBUSTIBLE**
[72] MATSUSUE, MASAOKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-03-20
[41] 2015-09-24
[30] JP (2014-060238) 2014-03-24

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[21] **2,885,463**
[13] A1

[51] **Int.Cl. A01D 34/416 (2006.01)**
[25] EN
[54] **TRIMMER HEAD AND METHOD OF INSTALLING PIVOT POSTS THEREIN**
[54] **TETE D'OUTIL DE COUPE ET METHODES D'INSTALLATION DE MONTANTS PIVOTS**
[72] SKINNER, DAVID B., US
[71] SHAKESPEARE COMPANY, LLC, US
[22] 2015-03-20
[41] 2015-09-20
[30] US (61/955,949) 2014-03-20

[21] **2,885,464**
[13] A1

[51] **Int.Cl. F23L 1/02 (2006.01) F23B 60/02 (2006.01) F24B 1/191 (2006.01) F24B 5/02 (2006.01)**
[25] EN
[54] **WOOD-BURNING FIRE PIT APPARATUS WITH AIR FLOW MEMBER**
[54] **APPAREIL DE FOYER AU BOIS COMPORTANT UN ELEMENT DE CIRCULATION D'AIR**
[72] ZEMEL, MARC, US
[72] SCHILLEN, ADAM, US
[71] BLUE RHINO GLOBAL SOURCING, INC., US
[22] 2015-03-20
[41] 2015-09-24
[30] US (61/969,293) 2014-03-24

[21] **2,885,465**
[13] A1

[51] **Int.Cl. E02F 7/00 (2006.01)**
[25] EN
[54] **APPARATUSES FOR USE WITH AN EXCAVATOR FOR SEPARATING LIQUIDS AND SOLIDS**
[54] **APPAREILS POUR UN EXCAVATEUR SERVANT A SEPARER LES LIQUIDES ET LES SOLIDES**
[72] SAGER, MATTHEW, CA
[71] SAGER, MATTHEW, CA
[22] 2015-03-18
[41] 2015-09-20
[30] US (61/968,035) 2014-03-20
[30] US (62/099,647) 2015-01-05

[21] **2,885,468**
[13] A1

[51] **Int.Cl. E01F 13/02 (2006.01) E01F 13/00 (2006.01)**
[25] EN
[54] **IMPROVED A-FRAME STAND**
[54] **SUPPORT DE CADRE EN A AMELIORE**
[72] GODIN, CLARENCE, CA
[71] GODIN, CLARENCE, CA
[22] 2015-03-20
[41] 2015-09-20
[30] US (61/968,299) 2014-03-20

[21] **2,885,485**
[13] A1

[51] **Int.Cl. F23D 14/58 (2006.01) F23D 14/22 (2006.01)**
[25] EN
[54] **LOW-FIRING RATE OXY-FUEL FLAT FLAME BURNER WITH OXYGEN STAGING**
[54] **BRULEUR A FLAMME DE GAZ OXYGENE PLATE COMPORTANT UN ETAGE D'OXYGENATION**
[72] GOURUNNEY, TUNC, US
[72] HE, XIAOYI, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2015-03-18
[41] 2015-09-24
[30] US (61/969,302) 2014-03-24
[30] US (14/636,287) 2015-03-03

[21] **2,885,501**
[13] A1

[51] **Int.Cl. H04N 19/40 (2014.01) H04N 19/177 (2014.01) H04N 19/436 (2014.01) H04N 19/61 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **EFFICIENT SOFTWARE FOR TRANSCODING TO HEVC ON MULTI-CORE PROCESSORS**
[54] **LOGICIEL EFFICACE POUR LE TRANSCODAGE VERS HEVC SUR DES PROCESSEURS MULTIC-URS**
[72] WEN, JIANGTAO, US
[72] CHEN, YUCONG, CN
[72] WEN, ZIYU, CN
[72] SHEN, TONG, CN
[71] NANJING YUYAN INFORMATION TECHNOLOGY LTD., CN
[22] 2015-03-19
[41] 2015-09-20
[30] US (61/955,932) 2014-03-20

[21] **2,885,503**
[13] A1

[51] **Int.Cl. E05B 3/06 (2006.01) E05B 3/04 (2006.01)**
[25] EN
[54] **INSTALLATION BODY FOR DOOR AND/OR WINDOW HANDLES**
[54] **DISPOSITIF D'INSTALLATION POUR POIGNEES DE PORTE OU DE FENETRE**
[72] LUDWIG, MANFRED, DE
[72] KLEIS, MATTHIAS, DE
[71] HOPPE AG, DE
[22] 2015-03-18
[41] 2015-09-26
[30] GB (DE 10 2014 104 271.9) 2014-03-26
[30] US (14/658,122) 2015-03-13

[21] **2,885,565**
[13] A1

[51] **Int.Cl. B01D 46/10 (2006.01)**
[25] EN
[54] **FRAMED AIR FILTER WITH INTEGRATED NESTABLE JOINT**
[54] **FILTRE A AIR ENCADRE DOTE D'UN JOINT EMBOITABLE INTEGRE**
[72] FOX, ANDREW ROBERT, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[22] 2015-03-23
[41] 2015-09-24
[30] US (61/969,595) 2014-03-24

[21] **2,885,598**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **METHOD, SERVER AND AGENT FOR MONITORING USER INTERACTION PATTERNS**
[54] **METHODE, SERVEUR ET AGENT DE SURVEILLANCE DES HABITUDES D'INTERACTION D'UN USAGER**
[72] SUNDQVIST, MORGAN, SE
[72] NURMI, SAM, SE
[71] PINGDOM AB, SE
[22] 2015-03-19
[41] 2015-09-24
[30] EP (14161278.8) 2014-03-24

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[21] **2,885,628**
[13] A1

[51] **Int.Cl. B01D 46/52 (2006.01)**
[25] EN
[54] **COLLAPSIBLE AIR FILTER ASSEMBLY**
[54] **DISPOSITIF DE FIL A AIR COMPRIMABLE**
[72] ZHANG, ZHIQUN, US
[72] ECHEVERRI, NICOLAS ANTONIO, US
[72] FOX, ANDREW ROBERT, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[22] 2015-03-23
[41] 2015-09-21
[30] US (61/968,949) 2014-03-21

[21] **2,885,633**
[13] A1

[51] **Int.Cl. B01J 21/12 (2006.01) B01J 23/75 (2006.01) B01J 27/185 (2006.01) B01J 37/02 (2006.01) C07C 1/04 (2006.01)**
[25] FR
[54] **FISCHER-TROPSCH CATALYST FROM A GROUP VIII B METAL AND AN OXYDE SUPPORT INCLUDING ALUMINIUM OXIDE, SILICA, A SPINEL AND PHOSPHORUS**
[54] **CATALYSEUR FISCHER-TROPSCH A BASE D'UN METAL DU GROUPE VIII B ET D'UN SUPPORT D'OXYDES COMPRENANT DE L'ALUMINE, DE LA SILICE, UNE SPINELLE ET DU PHOSPHORE**
[72] DECOTTIGNIES, DOMINIQUE, FR
[72] DIEHL, FABRICE, FR
[72] LECOCQ, VINCENT, FR
[72] VELLY, MARIE, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] ENI S.P.A., IT
[22] 2015-03-19
[41] 2015-09-20
[30] FR (14 52 311) 2014-03-20

[21] **2,885,672**
[13] A1

[51] **Int.Cl. B22F 3/11 (2006.01) B28B 7/34 (2006.01) C04B 35/64 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING OPEN-CELL BODIES AND BODIES MANUFACTURED USING SAID METHOD**
[54] **PROCEDE DE FABRICATION DE CORPS A CELLULE OUVERTE ET CORPS FABRIQUES SELON LEDIT PROCEDE**
[72] WAAG, ULF, DE
[72] REGER, NORMAN, DE
[72] REINHARDT, PETER, DE
[71] GLATT GMBH, DE
[22] 2015-03-24
[41] 2015-09-26
[30] DE (10 2014 205 623.3) 2014-03-26

[21] **2,885,690**
[13] A1

[51] **Int.Cl. G07F 17/30 (2006.01) H04W 4/24 (2009.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RECEIVING BONUS CREDITS THROUGH A JUKEBOX CONTROLLED BY A MOBILE DEVICE**
[54] **SYSTEME ET METHODE DE RECEPTION DE CREDITS BONIS PAR UN JUKEBOX CONTROLE PAR UN DISPOSITIF MOBILE**
[72] RICHARDS, RONALD, US
[72] JAROS, CHARLES, US
[72] ALESIA, ANTHONY, US
[71] AMI ENTERTAINMENT NETWORK, LLC, US
[22] 2015-03-20
[41] 2015-09-21
[30] US (61/968,644) 2014-03-21
[30] US (14/662,924) 2015-03-19

[21] **2,885,708**
[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01) F24F 1/38 (2011.01) F25B 49/02 (2006.01)**
[25] EN
[54] **FAN OPERATION MANAGEMENT**
[54] **GESTION DU FONCTIONNEMENT D'UN VENTILATEUR**
[72] HAVARD, H. GENE, JR., US
[72] PATE, THOMAS, US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-03-23
[41] 2015-09-25
[30] US (14/224,870) 2014-03-25

[21] **2,885,709**
[13] A1

[51] **Int.Cl. E04C 3/02 (2006.01)**
[25] EN
[54] **TRUSS**
[54] **FERME**
[72] SIROWATKA, JOHN, US
[71] UNIVERSAL FOREST PRODUCTS, INC., US
[22] 2015-03-23
[41] 2015-09-24
[30] US (61/969,481) 2014-03-24

[21] **2,885,733**
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/10 (2006.01) H01M 8/24 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND WATER CONTENT CONTROL METHOD OF FUEL CELL**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE ET METHODE DE CONTROLE DE LA TENEUR EN EAU DE LA PILE A COMBUSTIBLE**
[72] TEJIMA, GO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-03-24
[41] 2015-09-25
[30] JP (2014-061298) 2014-03-25

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[21] **2,885,734**
[13] A1

[51] **Int.Cl. B08B 3/10 (2006.01) B08B 17/00 (2006.01)**
[25] EN
[54] **PYROPHORIC TREATMENT USING SODIUM NITRITE**
[54] **TRAITEMENT PYROPHORIQUE EMPLOYANT LE NITRITE DE SODIUM**
[72] SEARS, SEAN, US
[71] REFINED TECHNOLOGIES, INC., US
[22] 2015-03-24
[41] 2015-09-26
[30] US (61/970,773) 2014-03-26

[21] **2,885,737**
[13] A1

[51] **Int.Cl. F25B 49/02 (2006.01) F24F 1/08 (2011.01) F16N 39/04 (2006.01) F25B 31/00 (2006.01)**
[25] EN
[54] **LOW AMBIENT TEMPERATURE OPERATION MANAGEMENT**
[54] **GESTION DE FONCTIONNEMENT A BASSE TEMPERATURE AMBIANTE**
[72] GOEL, RAKESH, US
[72] PHILLIPS, DEREK, US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-03-23
[41] 2015-09-25
[30] US (14/224,648) 2014-03-25

[21] **2,885,755**
[13] A1

[51] **Int.Cl. F25B 45/00 (2006.01) F24F 13/00 (2006.01)**
[25] EN
[54] **VARIABLE REFRIGERANT CHARGE CONTROL**
[54] **CONTROLE DE CHARGE DE FRIGORIGENE VARIABLE**
[72] BERG, ERIC, US
[72] GOEL, RAKESH, US
[71] LENNOX INDUSTRIES INC., US
[22] 2015-03-19
[41] 2015-09-21
[30] US (14/221,702) 2014-03-21

[21] **2,885,758**
[13] A1

[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **PRINTING APPARATUS**
[54] **APPAREIL D'IMPRESSIION**
[72] MUHL, WOLFGANG, DE
[72] BECKMANN, STEFAN, DE
[71] FRANCO TYP-POSTALIA GMBH, DE
[22] 2015-03-23
[41] 2015-09-24
[30] DE (10 2014 103 987.4) 2014-03-24

[21] **2,885,811**
[13] A1

[51] **Int.Cl. B66F 9/22 (2006.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01) F15B 1/02 (2006.01) F15B 21/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL VEHICLE**
[54] **VEHICULE INDUSTRIEL**
[72] HAGINO, KENICHI, JP
[72] GOTO, TETSUYA, JP
[72] NAKAJIMA, SHIGETO, JP
[72] KOYAMA, TAKAHIRO, JP
[72] TAKANO, SATOSHI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2015-03-20
[41] 2015-09-26
[30] JP (2014-064797) 2014-03-26

[21] **2,885,814**
[13] A1

[51] **Int.Cl. E05B 3/00 (2006.01) E05B 1/00 (2006.01)**
[25] EN
[54] **ACTUATION HANDLE**
[54] **POIGNEE D'ACTIONNEMENT**
[72] KARNUTSCH, ELIAS, AT
[72] SCHUBERTH, OLIVER ERICH RUDOLPH, AT
[71] HOPPE AG, IT
[22] 2015-03-23
[41] 2015-09-25
[30] GB (DE 10 2014 104 141.0) 2014-03-25
[30] US (14/664,905) 2015-03-22

[21] **2,885,816**
[13] A1

[51] **Int.Cl. G08B 21/18 (2006.01) H04W 4/00 (2009.01) H04W 64/00 (2009.01) G06Q 50/26 (2012.01)**
[25] EN
[54] **MOBILE DEVICE-BASED COMMUNITY CORRECTIONS SUPERVISION SYSTEM**
[54] **SYSTEME DE SUPERVISION DE MODIFICATIONS DESTINEES A LA COMMUNAUTE FONDE SUR UN DISPOSITIF MOBILE**
[72] TORGERSRUD, RICHARD, US
[72] CLIFTON, CURT, US
[72] DITTO, CHRISTOPHER, US
[71] TELMATE, LLC, US
[22] 2015-03-23
[41] 2015-09-22
[30] US (61/969,092) 2014-03-22
[30] US (14/664,460) 2015-03-20

[21] **2,885,824**
[13] A1

[51] **Int.Cl. A01G 9/14 (2006.01) E04B 1/343 (2006.01)**
[25] EN
[54] **BUILDING ASSEMBLY FOR GREENHOUSES AND OTHER BUILDINGS**
[54] **ASSEMBLAGE DE CONSTRUCTION POUR SERRES ET AUTRES BATIMENTS**
[72] FRIESEN, JOHN, CA
[72] FRIESEN, KENNETH KYLE, CA
[71] FRIESEN, JOHN, CA
[71] FRIESEN, KENNETH KYLE, CA
[22] 2015-03-25
[41] 2015-09-26
[30] US (61/970,392) 2014-03-26

[21] **2,885,827**
[13] A1

[51] **Int.Cl. E21B 44/02 (2006.01) E21B 47/01 (2012.01) E21B 47/024 (2006.01)**
[25] EN
[54] **STICTION CONTROL**
[54] **CONTROLE DE LA STRICTION**
[72] ROLONG, CARLOS, US
[72] HADI, MAHMOUD, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
[22] 2015-03-24
[41] 2015-09-25
[30] US (61/970,111) 2014-03-25

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[21] **2,885,877**
 [13] A1

[51] **Int.Cl. A01K 5/00 (2006.01) A01K 1/00 (2006.01) B60W 30/00 (2006.01)**
 [25] EN
 [54] **A MOTORIZED FEEDING VEHICLE AND A METHOD OF OPERATING AN ANIMAL FARMING SYSTEM**
 [54] **UN VEHICULE D'ALIMENTATION MOTORISE ET UNE METHODE DE FONCTIONNEMENT DU SYSTEME AGRICOLE DESTINE AUX ANIMAUX**
 [72] PALSGAARD, HENRIK, DK
 [72] LARSEN, JOHNNY MOLLERUP, DK
 [72] PEDERSEN, RUDI, DK
 [71] DANSK MINK PAPIR A/S, DK
 [22] 2015-03-24
 [41] 2015-09-25
 [30] EP (14161461.0) 2014-03-25

[21] **2,885,949**
 [13] A1

[51] **Int.Cl. F15B 21/00 (2006.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01)**
 [25] EN
 [54] **VEHICLE EQUIPPED WITH A HYDRAULICALLY-OPERATED DEVICE**
 [54] **VEHICULE EQUIPE D'UN DISPOSITIF A FONCTIONNEMENT HYDRAULIQUE**
 [72] KATO, NORIHIKO, JP
 [72] KOIDE, YUKIKAZU, JP
 [71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
 [22] 2015-03-23
 [41] 2015-09-26
 [30] JP (2014-064795) 2014-03-26

[21] **2,885,955**
 [13] A1

[51] **Int.Cl. E04D 13/14 (2006.01) E04D 13/147 (2006.01)**
 [25] EN
 [54] **MOLDABLE ROOF FLASHING BANDE DE COUVERTURE MOULABLE**
 [72] HULL, ERIC G, US
 [72] PEREZ, WILLIE, US
 [71] OATEY CO., US
 [22] 2015-03-24
 [41] 2015-09-24
 [30] US (61/969,535) 2014-03-24

[21] **2,885,978**
 [13] A1

[51] **Int.Cl. B65D 55/02 (2006.01)**
 [25] EN
 [54] **TAMPER EVIDENT CONTAINERS WITH LID TABS**
 [54] **CONTENANTS INVOLABLES COMPORTANT DES PATTES DE COUVERCLE**
 [72] DOW, STEPHEN PATRICK KENNEDY, US
 [72] LISOWY, CHRISTIAN, US
 [72] WARNER, MICHAEL V., US
 [71] GENPAK LLC, US
 [22] 2015-03-23
 [41] 2015-09-21
 [30] US (61/968,985) 2014-03-21

[21] **2,886,022**
 [13] A1

[51] **Int.Cl. B60K 26/02 (2006.01)**
 [25] EN
 [54] **GUARD FOR THROTTLE CONTROL OF A MOTORIZED VEHICLE**
 [54] **PROTECTEUR DE LEVIER D'ACCELERATION D'UN VEHICULE MOTORISE**
 [72] SCHREIDER, THOMAS PATRICK, CA
 [72] ROGERS, JAMES KENNETH, CA
 [71] MX CROSS DESIGNS INCORPORATED, CA
 [22] 2015-03-24
 [41] 2015-09-24
 [30] US (61/969,507) 2014-03-24

[21] **2,886,026**
 [13] A1

[51] **Int.Cl. B23K 9/28 (2006.01)**
 [25] EN
 [54] **ARC WELDING APPARATUS WITH TRIGGER**
 [54] **APPAREIL DE SOUDAGE A L'ARC DOTE D'UN DECLENCHEUR**
 [72] PHILL, DARREN R., CA
 [72] REIMER, CHRIS, CA
 [71] PHILL, DARREN R., CA
 [71] REIMER, CHRIS, CA
 [22] 2015-03-20
 [41] 2015-09-20
 [30] US (61/968,301) 2014-03-20

[21] **2,886,049**
 [13] A1

[51] **Int.Cl. G08G 5/06 (2006.01) G06F 19/00 (2011.01)**
 [25] EN
 [54] **SYSTEM AND METHOD FOR AUTOMATIC GENERATION OF AERODROME SURFACE MOVEMENT MODELS**
 [54] **SYSTEME ET METHODE DE GENERATION AUTOMATIQUE DE MODELES DE MOUVEMENT DE SURFACE D'UN AERODROME**
 [72] DHULIPUDI, DURGA PRASAD, US
 [72] OJHA, NARENDRA, US
 [72] DAKOJU, GOVIND, US
 [72] GARBHAM, SREEDHAR, US
 [72] SRIVASTAV, AMIT, US
 [72] NICHOLAS, DON, US
 [71] HONEYWELL INTERNATIONAL INC., US
 [22] 2015-03-10
 [41] 2015-09-25
 [30] US (14/224,420) 2014-03-25

[21] **2,886,054**
 [13] A1

[51] **Int.Cl. B66F 9/18 (2006.01) B66F 9/14 (2006.01)**
 [25] EN
 [54] **CLAMPING APPARATUS APPAREIL A PINCES**
 [72] TYGARD, EDWARD, US
 [71] TYGARD MACHINE & MANUFACTURING COMPANY, US
 [22] 2015-03-23
 [41] 2015-09-21
 [30] US (61/968,577) 2014-03-21

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[21] **2,886,105**
[13] A1

[51] **Int.Cl. B01J 23/26 (2006.01) B01J 27/08 (2006.01) B01J 31/12 (2006.01) B01J 31/26 (2006.01) C07C 2/22 (2006.01)**

[25] FR

[54] **NEW CATALYTIC COMPOSITION AND PROCESS FOR THE OLIGOMERIZATION OF ETHYLENE INTO 1-HEXENE**

[54] **NOUVELLE COMPOSITION CATALYTIQUE ET PROCEDE POUR L'OLIGOMERISATION DE L'ETHYLENE EN HEXENE-1**

[72] MAGNA, LIONEL, FR

[72] DROCHON, SEBASTIEN, FR

[72] OLIVIER-BOURBIGOU, HELENE, FR

[71] IFP ENERGIES NOUVELLES, FR

[22] 2015-03-23

[41] 2015-09-25

[30] FR (14 52 517) 2014-03-25

[21] **2,886,110**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01) E21B 43/00 (2006.01)**

[25] FR

[54] **CONSTRUCTION PROCESS FOR AN IMPROVED MESHING FOR THE SIMULATION OF A RESERVOIR IN AN UNDERGROUND FORMATION**

[54] **PROCEDE DE CONSTRUCTION D'UN MAILLAGE OPTIMISE POUR LA SIMULATION DE RESERVOIR DANS UNE FORMATION SOUTERRAINE**

[72] MESRI, YOUSSEF, FR

[72] RICOIS, OLIVIER, FR

[71] IFP ENERGIES NOUVELLES, FR

[22] 2015-03-23

[41] 2015-09-25

[30] FR (14 52 480) 2014-03-25

[21] **2,886,126**
[13] A1

[51] **Int.Cl. H02N 2/14 (2006.01) B06B 1/06 (2006.01) F03G 7/06 (2006.01) F03G 7/08 (2006.01) F16H 13/00 (2006.01) F16H 27/00 (2006.01)**

[25] EN

[54] **ULTRASONIC MOTOR CONTROL SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE DE COMMANDE DE MOTEUR ULTRASONIQUE**

[72] TAVALLAEI, MOHAMMAD ALI, CA

[72] DRANGOVA, MARIA, CA

[71] VITAL BIOMEDICAL TECHNOLOGIES INC., CA

[22] 2015-03-24

[41] 2015-09-24

[30] US (61/969726) 2014-03-24

[21] **2,886,136**
[13] A1

[51] **Int.Cl. H04N 21/441 (2011.01) H04W 88/02 (2009.01) H04N 21/4415 (2011.01) G10L 15/00 (2013.01)**

[25] EN

[54] **AUTHENTICATION USING A VIDEO SIGNATURE**

[54] **AUTHENTIFICATION A L'AIDE D'UNE SIGNATURE VIDEO**

[72] MCDONOUGH, JOHN C., US

[72] HROMI, JONATHAN, US

[72] STERN, HADLEY RUPERT, US

[72] BISIKALO, DMITRY, US

[71] FMR LLC, US

[22] 2015-03-24

[41] 2015-09-25

[30] US (14/224,901) 2014-03-25

[21] **2,886,159**
[13] A1

[51] **Int.Cl. G08G 1/017 (2006.01) G07B 15/06 (2011.01) G08G 1/015 (2006.01)**

[25] FR

[54] **AUTOMATIC CLASSIFICATION SYSTEM FOR CARS**

[54] **SYSTEME DE CLASSIFICATION AUTOMATIQUE DE VEHICULES AUTOMOBILES**

[72] LAMEYRE, BRUNO, FR

[72] JOUANNAIS, JACQUES, FR

[71] SURVISION, FR

[22] 2015-03-24

[41] 2015-09-24

[30] FR (14 52 453) 2014-03-24

[21] **2,886,163**
[13] A1

[51] **Int.Cl. H04N 21/4415 (2011.01) H04N 21/2347 (2011.01) H04N 7/15 (2006.01) G06Q 40/00 (2012.01)**

[25] EN

[54] **SECURE VIDEO CONFERENCING TO CONDUCT FINANCIAL TRANSACTIONS**

[54] **VIDEOCONFERENCE SECURISEE POUR MENER DES TRANSACTIONS FINANCIERES**

[72] HROMI, JONATHAN, US

[72] MCDONOUGH, JOHN C., US

[72] BISIKALO, DMITRY, US

[72] STERN, HADLEY RUPERT, US

[71] FMR LLC, US

[22] 2015-03-24

[41] 2015-09-25

[30] US (14/224,881) 2014-03-25

[21] **2,886,169**
[13] A1

[51] **Int.Cl. E04B 1/38 (2006.01) E04B 1/26 (2006.01) E04C 5/16 (2006.01)**

[25] EN

[54] **KNEE BRACE**

[54] **SUPPORT POUR GENOU**

[72] LIN, JIN-JIE, US

[71] SIMPSON STRONG-TIE COMPANY, INC., US

[22] 2015-03-24

[41] 2015-09-25

[30] US (14/225,265) 2014-03-25

[21] **2,886,170**
[13] A1

[51] **Int.Cl. E04C 5/18 (2006.01) E04B 1/38 (2006.01)**

[25] EN

[54] **NAIL PLATE HANGER WITH BENDABLE TAB**

[54] **SUPPORT DE CLOU-PLAQUE DOTE D'UN ONGLET PLIABLE**

[72] HENSEN, SAM THOMAS, US

[71] SIMPSON STRONG-TIE COMPANY, INC., US

[22] 2015-03-24

[41] 2015-09-25

[30] US (14/224,081) 2014-03-25

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20 septembre 2015 au 26 septembre 2015

[21] **2,886,171**
[13] A1

[51] **Int.Cl. B60L 5/00 (2006.01) B60L 15/00 (2006.01)**

[25] FR

[54] **POWER SUPPLY SYSTEM FOR UNGUIDED ELECTRIC VEHICLES THROUGH THE GROUND AND ASSOCIATED USAGE PROCESS**

[54] **SYSTEME D'ALIMENTATION PAR LE SOL POUR VEHICULES ELECTRIQUES NON GUIDES ET PROCEDE D'UTILISATION ASSOCIE**

[72] HOURTANE, JEAN-LUC, FR

[71] ALSTOM TRANSPORT TECHNOLOGIES, FR

[22] 2015-03-24

[41] 2015-09-25

[30] FR (14 52 525) 2014-03-25

[21] **2,886,192**
[13] A1

[51] **Int.Cl. E02D 7/18 (2006.01) E02D 13/00 (2006.01) E02F 3/36 (2006.01)**

[25] EN

[54] **VIBRATORY APPARATUS FOR FORCING MEMBERS INTO AND OUT OF A MATERIAL**

[54] **APPAREIL VIBRATOIRE SERVANT A FORCER DES ELEMENTS A ENTRER OU A SORTIR D'UN MATERIAU**

[72] AUDET, MICHEL, CA

[71] LES PRODUITS GILBERT INC., CA

[22] 2015-03-25

[41] 2015-09-25

[30] US (61/970,012) 2014-03-25

[21] **2,886,206**
[13] A1

[51] **Int.Cl. F16L 37/252 (2006.01) F16L 37/248 (2006.01)**

[25] EN

[54] **QUICK CONNECT COUPLING RACCORD A CONNEXION RAPIDE**

[72] PAREKH, HARSH RAJNIKANT, US

[72] CRUICKSHANK, BRIAN, US

[71] PARKER-HANNIFIN CORPORATION, US

[22] 2015-03-25

[41] 2015-09-25

[30] US (61/970,082) 2014-03-25

[21] **2,886,219**
[13] A1

[51] **Int.Cl. A41D 13/05 (2006.01) A41D 13/015 (2006.01)**

[25] EN

[54] **PROTECTIVE ARTICLES ARTICLES DE PROTECTION**

[72] WOOD, AARON, CA

[71] STEALTHWEAR PROTECTIVE CLOTHING INC., CA

[22] 2015-03-26

[41] 2015-09-26

[30] US (61/970,645) 2014-03-26

[21] **2,886,349**
[13] A1

[51] **Int.Cl. B60K 13/02 (2006.01)**

[25] EN

[54] **AIR INTAKE ASSEMBLY FOR A VEHICLE**

[54] **DISPOSITIF D'ENTREE D'AIR POUR UN VEHICULE**

[72] ZOCHER, WALTER, ZA

[72] WILBUR MOUTON, CALVYN, ZA

[71] SHEM, LLC, US

[22] 2015-03-26

[41] 2015-09-26

[30] US (61/970,650) 2014-03-26

[21] **2,886,388**
[13] A1

[51] **Int.Cl. H04M 3/51 (2006.01) H04M 3/42 (2006.01) H04M 3/527 (2006.01) H04L 9/00 (2006.01)**

[25] EN

[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR PROTECTING SENSITIVE INFORMATION WITHIN A CALL CENTER IN REAL TIME**

[54] **SYSTEME INFORMATIQUE ET METHODE DE PROTECTION EN TEMPS REEL D'INFORMATION SENSIBLE D'UN CENTRE D'APPELS**

[72] MILSTEIN, DAVID, US

[72] ODINAK, GILAD, US

[72] LEE, HOWARD M., US

[71] INTELLISIST, INC., US

[22] 2015-03-25

[41] 2015-09-25

[30] US (61/970,275) 2014-03-25

[30] US (14/667,603) 2015-03-24

[21] **2,886,421**
[13] A1

[51] **Int.Cl. H04M 3/527 (2006.01) H04M 3/523 (2006.01)**

[25] EN

[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR DETECTING EVENTS FOR USE IN AN AUTOMATED CALL CENTER ENVIRONMENT**

[54] **SYSTEME INFORMATIQUE ET METHODES DE DETECTION D'EVENEMENTS POUR UN ENVIRONNEMENT DE CENTRE D'APPELS AUTOMATISES**

[72] MILSTEIN, DAVID, US

[72] ODINAK, GILAD, US

[72] LEE, HOWARD M., US

[71] INTELLISIST, INC., US

[22] 2015-03-25

[41] 2015-09-25

[30] US (61/970,283) 2014-03-25

[30] US (14/667,549) 2015-03-24

[21] **2,886,455**
[13] A1

[51] **Int.Cl. C02F 9/04 (2006.01) C02F 1/40 (2006.01) C02F 1/72 (2006.01)**

[25] EN

[54] **GREASE INTERCEPTOR INTERCEPTEUR DE GRAISSE**

[72] LOEB, STEPHANIE, US

[72] SHALHOUB, MATT, CA

[71] TG DIGESTERS CANADA INC., CA

[22] 2015-03-24

[41] 2015-09-24

[30] US (61/969,484) 2014-03-24

[21] **2,886,477**
[13] A1

[51] **Int.Cl. B60W 10/30 (2006.01) B60W 10/06 (2006.01) B66F 9/06 (2006.01) F15B 21/00 (2006.01)**

[25] EN

[54] **INDUSTRIAL VEHICLE VEHICULE INDUSTRIEL**

[72] KOIDE, YUKIKAZU, JP

[72] KATO, NORIHIKO, JP

[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP

[22] 2015-03-26

[41] 2015-09-26

[30] JP (2014-064794) 2014-03-26

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[21] **2,886,714**
[13] A1

[51] **Int.Cl. B62H 1/02 (2006.01)**
[25] EN
[54] **MOTORCYCLE JACK**
[54] **CRIC DE LEVAGE POUR**
MOTOCYCLETTE
[72] ANDREWS, BASIL PAUL, CA
[71] ANDREWS, BASIL PAUL, CA
[22] 2015-03-25
[41] 2015-09-26
[30] US (61/970,635) 2014-03-26

[21] **2,887,185**
[13] A1

[51] **Int.Cl. G08G 5/06 (2006.01) G06F**
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[25] EN
[54] **SYSTEM AND METHOD FOR**
AUTOMATIC GENERATION OF
AERODROME SURFACE
MOVEMENT MODELS
[54] **SYSTEME ET METHODE DE**
GENERATION AUTOMATIQUE
DE MODELES DE MOUVEMENT
DE SURFACE D'UN AERODROME
[72] DHULIPUDI, DURGA PRASAD, US
[72] OJHA, NARENDRA, US
[72] DAKOJU, GOVIND, US
[72] GARBHAM, SREEDHAR, US
[72] SRIVASTAV, AMIT, US
[72] NICHOLAS, DON, US
[71] HONEYWELL INTERNATIONAL
INC., US
[22] 2015-03-10
[41] 2015-09-25
[30] US (14/224,420) 2014-03-25

[21] **2,887,223**
[13] A1

[51] **Int.Cl. H01L 21/336 (2006.01) G11C**
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(2006.01) H01L 21/8239 (2006.01)
H01L 27/105 (2006.01)
[25] EN
[54] **ANTI-FUSE MEMORY CELL**
[54] **CELLULE MEMOIRE ANTI-**
FUSION
[72] KURJANOWICZ, WLODEK, CA
[71] SIDENSE CORPORATION, CA
[22] 2015-04-02
[41] 2015-09-24
[30] US (14/244,499) 2014-04-03

[21] **2,892,018**
[13] A1

[51] **Int.Cl. G01N 24/08 (2006.01) E21B**
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G01F 1/716 (2006.01) G01R 33/44
(2006.01) G07C 3/14 (2006.01)
[25] EN
[54] **MEANS AND METHODS FOR**
MULTIMODALITY ANALYSIS
AND PROCESSING OF DRILLING
MUD
[54] **MECANISMES ET METHODES**
D'ANALYSE MULTIMODALE ET
DE TRAITEMENT DE BOUE DE
FORAGE
[72] RAPOPORT, URI, US
[71] ASPECT INTERNATIONAL (2015)
PRIVATE LIMITED, SG
[22] 2014-12-16
[41] 2015-09-23
[30] US (61/969,175) 2014-03-23
[30] US (61/992,919) 2014-05-14
[30] US (62/029,585) 2014-07-28

[21] **2,893,988**
[13] A1

[51] **Int.Cl. C10C 3/08 (2006.01) C10G**
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[25] EN
[54] **METHODS OF PROCESSING**
BITUMEN FROTH
[54] **METHODES DE TRAITEMENT DE**
MOUSSE DE BITUME
[72] ESMAEIL, PAYMAN, US
[72] PIERRE, FRITZ, US
[71] EXXONMOBIL UPSTREAM
RESEARCH COMPANY, US
[22] 2015-06-10
[41] 2015-09-23

[21] **2,898,562**
[13] A1

[51] **Int.Cl. G10G 5/00 (2006.01)**
[25] EN
[54] **FEET FOR SUPPORTING A NON-**
SELF-STANDING MUSICAL
INSTRUMENT IN A SELF-
SUPPORTED STANDING
POSITION ON A SUPPORT
SURFACE
[54] **PIED SERVANT A SOUTENIR UN**
INSTRUMENT MUSICAL SANS
SUPPORT AUTONOME DANS UNE
POSITION SUPPORTEE
AUTONOME SUR UNE SURFACE
D'APPUI
[72] MILLER, GREGORY, CA
[71] MILLER, GREGORY, CA
[22] 2015-07-27
[41] 2015-09-25

[21] **2,898,810**
[13] A1

[51] **Int.Cl. B65D 3/28 (2006.01)**
[25] EN
[54] **ANTI-DEPRESSION PLASTIC**
CONTAINER
[54] **CONTENANT DE PLASTIQUE**
ANTI-DEPRESSION
[72] BOUVERET, NICOLAS, CA
[71] NORTH AMERICA I.M.L.
CONTAINERS, CA
[22] 2015-07-27
[41] 2015-09-25
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[51] Int.Cl. A61B 17/68 (2006.01) A61B 17/80 (2006.01) A61F 2/42 (2006.01)	[51] Int.Cl. F41H 5/007 (2006.01) F41H 5/02 (2006.01)	[51] Int.Cl. A61F 9/02 (2006.01) A61F 9/04 (2006.01) G02C 1/00 (2006.01)
[25] EN	[25] EN	[25] FR
[54] POSTERIOR ANKLE FUSION PLATE	[54] RESILIENTLY MOUNTED ARMOR PANEL	[54] PROTECTIVE MASK FOR EYES, SPECIFICALLY FOR SKIING
[54] PLAQUE DE FUSION DE CHEVILLE POSTERIEURE	[54] PANNEAU DE BLINDAGE MONTE DE MANIERE RESILIENTE	[54] MASQUE DE PROTECTION DES YEUX, NOTAMMENT POUR LA PRATIQUE DU SKI
[72] O'KANE, TIMOTHY M., US	[72] PEPKA, CHARLES F., US	[72] LAPERRIERE, CHRISTOPHE, FR
[72] PATEL, VINAY D., US	[71] RENTON COIL SPRING COMPANY, US	[72] BONDET, PIERRE, FR
[72] MCCOMBS-STEARNES, MARY J., US	[85] 2015-05-29	[71] BONDET LUNETTES, FR
[72] HARNESS, DAVID, US	[86] 2013-11-27 (PCT/US2013/072356)	[85] 2015-07-09
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US	[87] (WO2014/149087)	[86] 2015-02-26 (PCT/IB2015/051419)
[85] 2014-09-09	[30] US (13/691,406) 2012-11-30	[87] (2896409)
[86] 2014-03-25 (PCT/US2014/031708)		[30] FR (14 52598) 2014-03-26
[87] (2863663)		
[21] 2,888,192 [13] A1	[21] 2,895,099 [13] A1	[21] 2,898,816 [13] A1
[51] Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01) H04L 12/18 (2006.01)	[51] Int.Cl. G01V 3/38 (2006.01)	[51] Int.Cl. H01M 2/24 (2006.01) H01M 10/04 (2006.01)
[25] EN	[25] EN	[25] EN
[54] A CONFIGURABLE SIMULATOR FOR PERFORMING A DISTRIBUTED SIMULATION	[54] METHOD OF DETERMINING THE LOCATION AND DEPTH OF MAGNETIC SOURCES IN THE EARTH	[54] STACKED-TYPE SECONDARY BATTERY
[54] UN SIMULATEUR CONFIGURABLE POUR EXECUTER UNE SIMULATION DISTRIBUEE	[54] METHODE DE DETERMINATION DE L'EMPLACEMENT ET DE LA PROFONDEUR DE SOURCES MAGNETIQUES DANS LA TERRE	[54] BATTERIE SECONDAIRE DE TYPE EMPILEE
[72] GALIBOIS, MICHEL, CA	[72] COOPER, GORDON ROBERT JOHN, ZA	[72] SAITOH, TOMOKAZU, JP
[72] COTE, YANICK, CA	[71] UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, ZA	[72] IZUMO, SHOZO, JP
[71] CAE INC., CA	[85] 2015-06-22	[72] INOUE, TATSUO, JP
[85] 2015-04-17	[86] 2014-03-24 (PCT/IB2014/060078)	[72] NAKAZAWA, AKIRA, JP
[86] 2014-04-04 (PCT/CA2014/000323)	[87] (2895099)	[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
[87] (2888192)		[71] GUALA TECHNOLOGY CO., LTD., JP
[30] US (14/226,561) 2014-03-26		[85] 2015-07-28
		[86] 2014-04-03 (PCT/JP2014/059787)
		[87] (2898816)
		[30] JP (2014-064868) 2014-03-26

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[21] **2,903,058**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/40 (2006.01)**

[25] EN

[54] **BALLOON IMPLANT DEVICE**

[54] **DISPOSITIF D'IMPLANT A BALLONNET**

[72] VANLEEUWEN, RYAN, US

[72] VAUGHN, SHANNON, US

[72] WEISEL, THOMAS, US

[71] MICROAIRE SURGICAL INSTRUMENTS LLC, US

[85] 2015-08-28

[86] 2014-03-24 (PCT/US2014/031573)

[87] (WO2014/153557)

[30] US (61/786,263) 2013-03-14

[30] US (14/213,009) 2014-03-14

[21] **2,903,081**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01)**

[25] EN

[54] **HISTONE DEMETHYLASE INHIBITORS**

[54] **INHIBITEURS D'HISTONE DEMETHYLASE**

[72] KANOONI, TOUFIKE, US

[72] NIE, ZHE, US

[72] STAFFORD, JEFFREY ALAN, US

[72] VEAL, JAMES MARVIN, US

[71] QUANTICEL PHARMACEUTICALS, INC., US

[85] 2015-08-28

[86] 2014-03-13 (PCT/US2014/026710)

[87] (WO2014/151945)

[30] US (61/783,563) 2013-03-14

[21] **2,903,119**
[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/42 (2006.01) A47J 42/38 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REPLICATING COFFEE FLAVOR**

[54] **PROCEDE ET APPAREIL PERMETTANT DE REPRODUIRE L'AROME DU CAFE**

[72] DAY, NEIL M., US

[71] DAY, NEIL M., US

[85] 2015-08-28

[86] 2014-03-11 (PCT/US2014/023747)

[87] (WO2014/164903)

[30] US (61/776,619) 2013-03-11

[30] US (14/205,044) 2014-03-11

[21] **2,903,249**
[13] A1

[51] **Int.Cl. F02C 9/26 (2006.01) F02C 9/46 (2006.01)**

[25] FR

[54] **DOSING DEVICE FOR AN ENGINE FUEL SUPPLY CIRCUIT**

[54] **DISPOSITIF DE DOSAGE D'UN CIRCUIT D'ALIMENTATION EN CARBURANT D'UN MOTEUR**

[72] LANGFORD, STEPHEN, FR

[72] BENEZECH, PHILIPPE JEAN RENE MARIE, FR

[72] SICAIRE, PIERRE, FR

[72] SAMSON, RAFAEL, FR

[71] TURBOMECA, FR

[85] 2015-08-31

[86] 2014-03-07 (PCT/FR2014/050521)

[87] (WO2014/140460)

[30] FR (1352169) 2013-03-12

[21] **2,903,272**
[13] A1

[51] **Int.Cl. E05B 81/54 (2014.01) E05B 85/02 (2014.01) H05K 7/02 (2006.01)**

[25] EN

[54] **COMPONENT CARRIER FOR ELECTRICAL/ELECTRONIC COMPONENTS**

[54] **SUPPORT POUR COMPOSANTS ELECTRIQUES OU ELECTRONIQUES**

[72] KOCH, ASMUS, DE

[72] HEINZEN, INGA, DE

[72] FASSEL, JAN, CZ

[72] SUK, JAN, CZ

[71] KIEKERT AKTIENGESELLSCHAFT, DE

[85] 2015-09-01

[86] 2013-12-23 (PCT/DE2013/000823)

[87] (WO2014/101914)

[30] DE (20 2012 105 072.2) 2012-12-27

[21] **2,903,399**
[13] A1

[51] **Int.Cl. B22F 1/00 (2006.01) B22F 1/02 (2006.01) C22C 38/00 (2006.01) H01F 1/24 (2006.01) H01F 27/255 (2006.01)**

[25] EN

[54] **IRON POWDER FOR DUST CORE AND INSULATION-COATED IRON POWDER FOR DUST CORE**

[54] **POUDRE DE FER POUR NOYAU A POUDDRE DE FER, ET POUDDRE DE FER PORTANT UNE ISOLATION THERMIQUE POUR NOYAU A POUDDRE DE FER**

[72] TAKASHITA, TAKUYA, JP

[72] NAKAMURA, NAOMICHI, JP

[71] JFE STEEL CORPORATION, JP

[85] 2015-09-01

[86] 2014-04-08 (PCT/JP2014/002008)

[87] (WO2014/171105)

[30] JP (2013-088717) 2013-04-19

[21] **2,903,419**
[13] A1

[51] **Int.Cl. A61K 8/891 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE COMPOSITIONS CONTAINING POLYORGANOSILSESQUIOXANE PARTICLES**

[54] **COMPOSITIONS DE SOINS ORALES CONTENANT DES PARTICULES DE POLYORGANOSILSESQUIOXANE**

[72] MIDHA, SANJEEV, US

[72] LEBLANC, MICHAEL JUDE, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-08-31

[86] 2014-04-10 (PCT/US2014/033572)

[87] (WO2014/169082)

[30] US (61/810,414) 2013-04-10

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[21] **2,903,421**
[13] A1

[51] **Int.Cl. A61K 8/89 (2006.01) A61K 8/02 (2006.01) A61K 8/21 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE COMPOSITIONS CONTAINING POLYORGANOSILSESQUIOXANE PARTICLES**

[54] **COMPOSITIONS DE SOINS ORALES CONTENANT DES PARTICULES DE POLYORGANOSILSESQUIOXANE**

[72] MIDHA, SANJEEV, US
[72] LEBLANC, MICHAEL JUDE, US
[72] SCHNEIDERMAN, EVA, US
[72] HUGHES, IAIN ALLAN, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-08-31
[86] 2014-04-10 (PCT/US2014/033573)
[87] (WO2014/169083)
[30] US (61/810,416) 2013-04-10

[21] **2,903,582**
[13] A1

[51] **Int.Cl. C12N 15/861 (2006.01)**

[25] EN

[54] **ONCOLYTIC ADENOVIRUS COMPOSITIONS**

[54] **COMPOSITIONS D'ADENOVIRUS ONCOLYTIQUES**

[72] O'SHEA, CLODAGH, US
[72] MIYAKE-STONER, SHIGEKI, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US

[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/029587)
[87] (WO2014/153204)
[30] US (61/782,932) 2013-03-14

[21] **2,903,583**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61M 37/00 (2006.01)**

[25] EN

[54] **MICROARRAY FOR DELIVERY OF THERAPEUTIC AGENT, METHODS OF USE, AND METHODS OF MAKING**

[54] **MICRO-RESEAU POUR ADMINISTRER UN AGENT THERAPEUTIQUE, PROCEDES D'UTILISATION ET PROCEDES DE FABRICATION**

[72] CHEN, GUOHUA, US
[72] DING, ZHONGLI, US
[72] GHARTEY-TAGOE, ESI, US
[72] SHASTRY, ASHUTOSH, US
[72] WORSHAM, ROBERT WADE, US
[72] SINGH, PARMINDER, US
[71] CORIUM INTERNATIONAL, INC., US

[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/029601)
[87] (WO2014/144973)
[30] US (61/792,069) 2013-03-15

[21] **2,903,587**
[13] A1

[51] **Int.Cl. C07K 14/54 (2006.01) A61K 38/20 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **IL-22 POLYPEPTIDES AND IL-22 FC FUSION PROTEINS AND METHODS OF USE**

[54] **POLYPEPTIDES D'IL-22 ET PROTEINES DE FUSION FC IL-22 ET LEURS PROCEDES D'UTILISATION**

[72] SCHEER, JUSTIN, US
[72] OUYANG, WENJUN, US
[72] VANDLEN, RICHARD, US
[72] WANG, XIAOTING, US
[72] ROSS, JED, US
[72] VAN BRUGGEN, NICHOLAS, US
[72] STEFANICH, ERIC GARY, US
[72] HAAS, PHILIP E., US
[72] KOLUMAM, GANESH A., US
[72] LEE, WYNE P., US
[71] GENENTECH, INC., US

[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/029652)
[87] (WO2014/145016)
[30] US (61/800,148) 2013-03-15
[30] US (61/800,795) 2013-03-15
[30] US (61/801,144) 2013-03-15
[30] US (61/821,062) 2013-05-08
[30] US (61/860,176) 2013-07-30

[21] **2,903,588**
[13] A1

[51] **Int.Cl. C07D 473/16 (2006.01) A61K 31/52 (2006.01) A61P 1/00 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 473/18 (2006.01) C07D 473/34 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **PURINE DERIVATIVES AS CB2 RECEPTOR AGONISTS**

[54] **DERIVES DE LA PURINE EN TANT QU'AGONISTES DU RECEPTEUR CB2**

[72] BENDELS, STEFANIE, CH
[72] GRETHER, UWE, DE
[72] KIMBARA, ATSUSHI, JP
[72] NETTEKOVEN, MATTHIAS, DE
[72] ROEVER, STEPHAN, DE
[72] ROGERS-EVANS, MARK, CH
[72] SCHULZ-GASCH, TANJA, CH
[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-09-02
[86] 2014-04-28 (PCT/EP2014/058545)
[87] (WO2014/177490)
[30] EP (13166293.4) 2013-05-02

[21] **2,903,589**
[13] A1

[51] **Int.Cl. C12P 21/08 (2006.01) A61K 39/395 (2006.01) C07K 16/22 (2006.01) C07K 16/46 (2006.01) C12N 5/02 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/00 (2006.01)**

[25] EN

[54] **CELL CULTURE MEDIA AND METHODS OF ANTIBODY PRODUCTION**

[54] **SUPPORT DE CULTURE CELLULAIRE ET PROCEDES DE PRODUCTION D'ANTICORPS**

[72] CARVALHAL, VERONICA, US
[72] VIJAYASANKARAN, NATARAJAN, US
[72] FEENEY, LAUREN, US
[72] DIROCCO, THOMAS, US
[72] MCKNIGHT, NATHAN, US
[71] GENENTECH, INC., US

[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/029758)
[87] (WO2014/145091)
[30] US (61/801,247) 2013-03-15

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[21] **2,903,593**
[13] A1

[51] **Int.Cl. B60N 2/58 (2006.01) B60N 2/26 (2006.01)**
[25] EN
[54] **VEHICLE SEAT PROTECTOR**
[54] **DISPOSITIF DE PROTECTION DE SIEGE DE VEHICULE**
[72] DALEY, RICHARD A., US
[71] MUNCHKIN, INC., US
[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/029764)
[87] (WO2014/145094)
[30] US (13/840,716) 2013-03-15

[21] **2,903,596**
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **CELL CULTURE COMPOSITIONS WITH ANTIOXIDANTS AND METHODS FOR POLYPEPTIDE PRODUCTION**
[54] **COMPOSITIONS DE CULTURE CELLULAIRE AYANT ANTI-OXYDANTS ET PROCEDES POUR UNE PRODUCTION DE POLYPEPTIDE**
[72] VIJAYASANKARAN, NATARAJAN, US
[72] MEIER, STEVEN J., US
[72] VARMA, SHARAT, US
[72] YANG, YI, US
[71] GENENTECH, INC., US
[85] 2015-09-01
[86] 2014-03-14 (PCT/US2014/029772)
[87] (WO2014/145098)
[30] US (61/799,602) 2013-03-15

[21] **2,903,600**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **CATHETER-GUIDED REPLACEMENT VALVES APPARATUS AND METHODS**
[54] **VALVULES, APPAREIL ET PROCEDES DE REMPLACEMENT GUIDE PAR CATHETER**
[72] QUIJANO, RODOLFO C., US
[72] CLARK, JASON K., US
[71] NAVIGATE CARDIAC STRUCTURES, INC., US
[85] 2015-09-01
[86] 2014-03-15 (PCT/US2014/030078)
[87] (WO2014/145338)
[30] US (61/802,311) 2013-03-15

[21] **2,903,603**
[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/52 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN DE Puits DE FORAGE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] MCDANIEL, CATO RUSSELL, US
[72] DAVIDSON, ERIC, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-01
[86] 2014-03-17 (PCT/US2014/030269)
[87] (WO2014/172051)
[30] US (13/857,639) 2013-04-05

[21] **2,903,630**
[13] A1

[51] **Int.Cl. A61F 11/00 (2006.01)**
[25] EN
[54] **PERSONALIZED AUDITORY-SOMATOSENSORY STIMULATION TO TREAT TINNITUS**
[54] **STIMULATION AUDITIVE-SOMATOSENSOIRELLE PERSONNALISEE POUR TRAITER UN ACOUPHENE**
[72] KOEHLER, SETH, US
[72] MARTEL, DAVID, US
[72] SHORE, SUSAN, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2015-09-01
[86] 2014-03-17 (PCT/US2014/030765)
[87] (WO2014/145914)
[30] US (61/800,607) 2013-03-15
[30] US (61/803,062) 2013-03-18

[21] **2,903,632**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/06 (2013.01) A61M 25/04 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **EXPANDABLE BODY DEVICE AND METHOD OF USE**
[54] **DISPOSITIF A CORPS EXTENSIBLE ET PROCEDE D'UTILISATION**
[72] FRANANO, F. NICHOLAS, US
[72] LOREE, HOWARD M., II., US
[72] BRUNELL, STEPHEN, US
[72] STEPHENSON, KATHERINE, US
[71] METACTIVE MEDICAL, INC., US
[85] 2015-09-01
[86] 2014-03-17 (PCT/US2014/030869)
[87] (WO2014/146001)
[30] US (61/793,737) 2013-03-15

[21] **2,903,709**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **ASSAY WITH INTERNAL CALIBRATION**
[54] **DOSAGE PAR ETALONNAGE INTERNE**
[72] GAYDA, SUSAN, US
[72] RUAN, QIAOQIAO, US
[72] SKINNER, JOSEPH P., US
[72] TETIN, SERGEY Y., US
[71] ABBOTT LABORATORIES, US
[85] 2015-09-08
[86] 2013-12-20 (PCT/US2013/077073)
[87] (WO2014/143323)
[30] US (13/833,365) 2013-03-15

[21] **2,903,767**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **ASSAY WITH INCREASED DYNAMIC RANGE**
[54] **DOSAGE AVEC UNE PLAGES DYNAMIQUE ACCRUE**
[72] DOWELL, BARRY L., US
[72] GAYDA, SUSAN, US
[72] RUAN, QIAOQIAO, US
[72] SKINNER, JOSEPH P., US
[72] TETIN, SERGEY Y., US
[71] ABBOTT LABORATORIES, US
[85] 2015-09-08
[86] 2013-12-20 (PCT/US2013/077063)
[87] (WO2014/149111)
[30] US (13/833,655) 2013-03-15

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[21] **2,903,862**
[13] A1

[51] **Int.Cl. B67D 1/08 (2006.01)**
[25] EN
[54] **A DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION**
[72] GREEN, C. BRAD, US
[71] THE COCA-COLA COMPANY, US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/029550)
[87] (WO2014/153198)
[30] US (61/781,132) 2013-03-14
[30] US (14/209,970) 2014-03-13

[21] **2,903,867**
[13] A1

[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/26 (2006.01) A61Q 11/00 (2006.01) C01B 33/193 (2006.01)**
[25] EN
[54] **HIGH CLEANING SILICA WITH LOW ABRASION AND METHOD FOR MAKING SAME**
[54] **SILICE HAUTEMENT NETTOYANTE ET FAIBLEMENT ABRASIVE, ET SON PROCEDE DE FABRICATION**
[72] SINCLAIR, FITZGERALD A., US
[71] J.M. HUBER CORPORATION, US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/027687)
[87] (WO2014/152745)
[30] US (61/790,280) 2013-03-15
[30] US (14/201,399) 2014-03-07

[21] **2,903,869**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **APOLIPOPROTEIN MIMETICS AND USES THEREOF**
[54] **MIMETIQUES D'APOLIPOPROTEINE ET LEURS UTILISATIONS**
[72] ANANTHARAMAIAH, G. M., US
[72] GOLDBERG, DENNIS, US
[71] UAB RESEARCH FOUNDATION, US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/027719)
[87] (WO2014/152776)
[30] US (61/782,956) 2013-03-14
[30] US (61/834,992) 2013-06-14

[21] **2,903,870**
[13] A1

[51] **Int.Cl. G09F 9/302 (2006.01) G06F 3/14 (2006.01) G09F 9/33 (2006.01) G09F 9/37 (2006.01) H01L 25/10 (2006.01) H05K 5/00 (2006.01)**
[25] EN
[54] **DISPLAY DEVICES**
[54] **DISPOSITIFS D'AFFICHAGE**
[72] JUREWICZ, WILLIAM JEFFERSON, US
[72] SQUIRES, JAMES ALLEN, US
[72] HAROLDSON, BARRETT DAVID, US
[72] DUARTE, LAWRENCE ALEXANDER, US
[72] HUESKE, JEREMIAH MATTHEW, US
[72] KWONG, LO CHI, US
[72] ROSKE, SHAWN, US
[72] OBELLEIRO, JULIO, US
[72] PERKINS, MERVIN, US
[72] WEST, RYAN, US
[72] REVELAS, PETER, US
[72] KIRSCHNER, JONATHAN, US
[72] MARCHBANKS, LISA R., US
[72] PRESTEN, MARJORIE, US
[72] BROWN, KATHERINE MARIE, US
[72] BILLIG, JEREMY D., US
[72] BRYANT, GREGORY OREN, US
[71] THE COCA-COLA COMPANY, US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/029573)
[87] (WO2014/144956)
[30] US (61/800,611) 2013-03-15

[21] **2,903,871**
[13] A1

[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/426 (2006.01) A61K 47/34 (2006.01) A61K 47/40 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS, FORMULATIONS AND METHODS FOR TREATING OCULAR DISEASES**
[54] **COMPOSITIONS, FORMULATIONS ET METHODES DE TRAITEMENT DE MALADIES OCULAIRES**
[72] PETERS, KEVIN, US
[72] SHALWITZ, ROBERT, US
[72] JANUSZ, JOHN, US
[72] SMITH, ALEXANDER, US
[71] AERPIO THERAPEUTICS INC., US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/029723)
[87] (WO2014/145068)
[30] US (61/792,868) 2013-03-15
[30] US (61/792,679) 2013-03-15
[30] US (61/882,056) 2013-09-25
[30] US (61/882,048) 2013-09-25
[30] US (61/934,570) 2014-01-31

[21] **2,903,872**
[13] A1

[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **EXON SKIPPING COMPOSITIONS FOR TREATING MUSCULAR DYSTROPHY**
[54] **COMPOSITIONS DE SAUTS D'EXON POUR LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE**
[72] BESTWICK, RICHARD K., US
[72] FRANK, DIANE ELIZABETH, US
[71] SAREPTA THERAPEUTICS, INC., US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/029766)
[87] (WO2014/153240)
[30] US (61/782,706) 2013-03-14

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[21] **2,903,873**
[13] A1

[51] **Int.Cl. C12N 9/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **THERMOSTABLE BLUNT-END LIGASE AND METHODS OF USE**
[54] **LIGASE A EXTREMITE FRANCHE THERMOSTABLE ET PROCEDES D'UTILISATION**
[72] CHRISTIANS, FREDERICK, US
[71] THERANOS, INC., US
[85] 2015-09-02
[86] 2014-03-15 (PCT/US2014/030003)
[87] (WO2014/145269)
[30] US (61/802,124) 2013-03-15

[21] **2,903,874**
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) C12M 1/00 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **NUCLEIC ACID AMPLIFICATION**
[54] **AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] BELHOCINE, KAMILA, US
[72] LEE, JOSEPHINE, US
[72] PATEL, PRANAV, US
[72] RICHARDSON, AARON, US
[72] TABAKMAN, SCOTT, US
[71] THERANOS, INC., US
[85] 2015-09-02
[86] 2014-03-15 (PCT/US2014/030036)
[87] (WO2014/145298)
[30] US (61/802,241) 2013-03-15

[21] **2,903,899**
[13] A1

[51] **Int.Cl. F02B 63/04 (2006.01) F02B 75/28 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE HAVING A LINEAR GENERATOR AND ROTARY GENERATOR**
[54] **MOTEUR A COMBUSTION INTERNE POURVU D'UN GENERATEUR LINEAIRE ET D'UN GENERATEUR ROTATIF**
[72] HAMANN, JENS, DE
[72] KLOTZEK, ANDREAS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-09-03
[86] 2013-03-05 (PCT/EP2013/054398)
[87] (WO2014/135198)

[21] **2,903,900**
[13] A1

[51] **Int.Cl. H04S 3/00 (2006.01) G10L 19/008 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MULTICHANNEL DIRECT-AMBIENT DECOMPOSITION FOR AUDIO SIGNAL PROCESSING**
[54] **APPAREIL ET PROCEDE POUR UNE DECOMPOSITION MULTI CANAL DE NIVEAU AMBIANT/DIRECT EN VUE D'UN TRAITEMENT DU SIGNAL AUDIO**
[72] UHLE, CHRISTIAN, DE
[72] HABETS, EMANUEL, DE
[72] GAMPP, PATRICK, DE
[72] KRATZ, MICHAEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-09-03
[86] 2013-10-23 (PCT/EP2013/072170)
[87] (WO2014/135235)
[30] US (61/772,708) 2013-03-05

[21] **2,903,901**
[13] A1

[51] **Int.Cl. C07D 473/32 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **9-(ARYL OR HETEROARYL)-2-(PYRAZOLYL, PYRROLIDINYL OR CYCLOPENTYL)AMINOPURINE DERIVATIVES AS ANTICANCER AGENTS**
[54] **DERIVES DE 9-(ARYL OU HETEROARYL)-2-(PYRAZOLYL, PYRROLIDINYL OU CYCLOPENTYL)AMINOPURINE UTILISES EN TANT QU'AGENTS ANTICANCEREUX**
[72] HOELZEMANN, GUENTER, DE
[72] DORSCH, DIETER, DE
[72] WEGENER, ANSGAR, DE
[72] POESCHKE, OLIVER, DE
[72] BUSCH, MICHAEL, DE
[72] SEENISAMY, JEYAPRAKASHNARAYANAN, IN
[71] MERCK PATENT GMBH, DE
[85] 2015-09-03
[86] 2014-02-11 (PCT/EP2014/000371)
[87] (WO2014/135245)
[30] EP (13001111.7) 2013-03-05

[21] **2,903,902**
[13] A1

[51] **Int.Cl. E06B 1/60 (2006.01)**
[25] EN
[54] **ADJUSTABLE SUPPORT DEVICE FOR A FRAME MEMBER AND INSTALLATION METHOD**
[54] **DISPOSITIF DE SUPPORT REGLABLE POUR UN ELEMENT DE CHASSIS ET PROCEDE D'INSTALLATION**
[72] NESBO, PAUL ARNE, NO
[72] BROCHMANN, OYVIND, NO
[71] NESBO, PAUL ARNE, NO
[71] BROCHMANN, OYVIND, NO
[85] 2015-09-03
[86] 2012-03-08 (PCT/EP2012/054026)
[87] (WO2013/131572)

[21] **2,903,903**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **TRIAZOLO[4,5-D]PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF DISEASES SUCH AS CANCER**
[54] **DERIVES DE TRIAZOLO[4,5-D]PYRIMIDINE POUR LE TRAITEMENT DE MALADIES TELLES QUE LE CANCER**
[72] DORSCH, DIETER, DE
[72] HOELZEMANN, GUENTER, DE
[72] CALDERINI, MICHEL, DE
[72] WEGENER, ANSGAR, DE
[72] POESCHKE, OLIVER, DE
[71] MERCK PATENT GMBH, DE
[85] 2015-09-03
[86] 2014-02-10 (PCT/EP2014/000361)
[87] (WO2014/135244)
[30] EP (13001110.9) 2013-03-05

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[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **SINGLE PLANE TISSUE REPAIR PATCH**
[54] **PIECE DE REPARATION DE TISSU PLAN UNIQUE**
[72] LIU, XIAODONG, US
[72] CARDINALE, MICHAEL, US
[71] ETHICON, INC., US
[85] 2015-09-02
[86] 2014-02-24 (PCT/US2014/017940)
[87] (WO2014/163840)
[30] US (13/793,281) 2013-03-11

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[21] **2,903,905**
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[51] **Int.Cl. A63C 1/30 (2006.01) A43B 5/16 (2006.01)**
[25] EN
[54] **SKATE BLADE SYSTEM WITH DYNAMIC MOVEMENT**
[54] **SYSTEME POUR LAME DE PATIN A MOUVEMENT DYNAMIQUE**
[72] AZZOLIN, JEFFREY DANIEL BRUNO, CA
[72] MCPHEE, JOHN JOSEPH, CA
[71] BLADETECH HOCKEY INC., CA
[85] 2015-09-03
[86] 2014-03-12 (PCT/CA2014/050220)
[87] (WO2014/138977)
[30] US (61/784,436) 2013-03-14

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[13] A1

[51] **Int.Cl. F01C 3/06 (2006.01) F01C 3/08 (2006.01) F04C 18/54 (2006.01)**
[25] EN
[54] **DUAL AXIS ROTOR**
[54] **ROTOR A AXE DOUBLE**
[72] JUAN, ALEJANDRO, CA
[72] PATTERSON, CURTIS, CA
[72] FARRELL, ERIK, CA
[72] SCOTT, STEPHEN, CA
[72] FIOLKA, KYLE, CA
[71] EXPONENTIAL TECHNOLOGIES, INC., CA
[85] 2015-09-03
[86] 2014-03-17 (PCT/CA2014/050287)
[87] (WO2014/139036)
[30] US (13/840,514) 2013-03-15

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[13] A1

[51] **Int.Cl. A61K 36/752 (2006.01) A61K 36/15 (2006.01) A61K 36/16 (2006.01) A61K 36/185 (2006.01) A61K 36/19 (2006.01) A61K 36/23 (2006.01) A61K 36/28 (2006.01) A61K 36/324 (2006.01) A61K 36/41 (2006.01) A61K 36/77 (2006.01) A61K 36/81 (2006.01) A61K 36/82 (2006.01) A61K 36/835 (2006.01) A61K 36/87 (2006.01) A61K 36/88 (2006.01) A61K 36/9066 (2006.01) A61K 36/9068 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR PREVENTING, REDUCING, ALLEVIATING OR TREATING IDIOPATHIC VOMITING**
[54] **COMPOSITION ET PROCEDE PERMETTANT D'EMPECHER, DE REDUIRE, DE SOULAGER OU DE TRAITER LES VOMISSEMENTS IDIOPATHIQUES**
[72] PARK, JEAN SOON, US
[72] HU, PING, US
[72] LIN, YAKANG, US
[72] REINSALU, LORI ANN, US
[71] THE IAMS COMPANY, US
[85] 2015-09-02
[86] 2014-02-25 (PCT/US2014/018291)
[87] (WO2014/149424)
[30] US (61/786,465) 2013-03-15

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[13] A1

[51] **Int.Cl. H04L 12/10 (2006.01)**
[25] EN
[54] **POWER SUPPLY CIRCUIT AND POWER SUPPLY PANEL**
[54] **CIRCUIT D'ALIMENTATION ELECTRIQUE ET PANNEAU D'ALIMENTATION ELECTRIQUE**
[72] GAO, XINGGUO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-09-03
[86] 2013-03-06 (PCT/CN2013/072241)
[87] (WO2014/134798)

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[13] A1

[51] **Int.Cl. H01B 13/14 (2006.01) H01B 7/02 (2006.01) H01B 9/02 (2006.01)**
[25] EN
[54] **POWER CABLE WITH A THICK INSULATION LAYER AND A METHOD FOR ITS MANUFACTURE**
[54] **CABLE D'ALIMENTATION AVEC UNE COUCHE D'ISOLATION EPAISSE ET SON PROCEDE DE FABRICATION**
[72] PERSON, TIMOTHY J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-09-02
[86] 2014-02-25 (PCT/US2014/018317)
[87] (WO2014/158570)
[30] US (61/777,021) 2013-03-12

[21] **2,903,910**
[13] A1

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/424 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) C07D 498/14 (2006.01)**
[25] EN
[54] **TETRACYCLIC BROMODOMAIN INHIBITORS**
[54] **INHIBITEURS DE BROMODOMAINES TETRACYCLIQUES**
[72] FIDANZE, STEVEN D., US
[72] LIU, DACHUN, US
[72] MANTEI, ROBERT A., US
[72] MCDANIEL, KEITH F., US
[72] PRATT, JOHN, US
[72] SHEPPARD, GEORGE S., US
[72] WANG, LE, US
[72] BOGDAN, ANDREW, US
[72] HOLMS, JAMES H., US
[72] DIETRICH, JUSTIN D., US
[72] MARJANOVIC, JASMINA, US
[72] HASVOLD, LISA A., US
[72] DAI, YUJIA, US
[71] ABBVIE INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/CN2014/000258)
[87] (WO2014/139324)
[30] US (61/777,797) 2013-03-12
[30] US (61/928,779) 2014-01-17

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[25] EN
[54] **ELECTRONIC DEADBOLT**
[54] **PENE DORMANT ELECTRONIQUE**
[72] CHONG, GERALD, US
[71] SPECTRUM BRANDS, INC., US
[85] 2015-09-02
[86] 2014-02-25 (PCT/US2014/018435)
[87] (WO2014/163878)
[30] US (61/776,474) 2013-03-11

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[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **NETWORK FOR ONLINE MONITORING OF POWER TRANSFORMER AT INTELLIGENT SUBSTATION**
[54] **RESEAU POUR SURVEILLANCE EN LIGNE DE TRANSFORMATEUR DE PUISSANCE DANS UN POSTE ELECTRIQUE INTELLIGENT**
[72] LIN, QIYOU, CN
[72] WANG, LIUFANG, CN
[72] GAO, JIWEI, CN
[72] DING, GUOCHENG, CN
[72] PENG, ZHIQUAN, CN
[72] ZHU, TAIYUN, CN
[72] ZHANG, CHANGLI, CN
[72] LI, TAO, CN
[71] STATE GRID ANHUI WUHU POWER SUPPLY COMPANY, CN
[71] STATE GRID CORPORATION OF CHINA (SGCC), CN
[85] 2015-09-03
[86] 2014-02-25 (PCT/CN2014/072515)
[87] (WO2014/135015)
[30] CN (201310073809.2) 2013-03-07

[21] **2,903,913**
[13] A1

[51] **Int.Cl. C08G 65/48 (2006.01) C08F 8/00 (2006.01) C08G 18/48 (2006.01) C08J 9/00 (2006.01)**
[25] EN
[54] **POLYBUTADIENE MODIFIED POLYMER POLYOLS, FOAMS PREPARED FROM POLYBUTADIENE MODIFIED POLYMER POLYOLS, AND PROCESSES FOR THE PRODUCTION THEREOF**
[54] **POLYOLS POLYMERES MODIFIES PAR POLYBUTADIENE, MOUSSES PREPAREES A PARTIR DE POLYOLS POLYMERES MODIFIES PAR POLYBUTADIENE ET PROCEDES DE PRODUCTION CORRESPONDANTS**
[72] ADKINS, RICK L., US
[72] NEAL, BRIAN L., US
[72] KRISHER, DANIEL P., US
[71] BAYER MATERIALSCIENCE LLC, US
[85] 2015-09-02
[86] 2014-02-26 (PCT/US2014/018505)
[87] (WO2014/137678)
[30] US (13/790,249) 2013-03-08

[21] **2,903,914**
[13] A1

[51] **Int.Cl. A43D 119/00 (2006.01) A43D 11/00 (2006.01) A43D 95/06 (2006.01) A43D 95/26 (2006.01) B05B 15/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING AN IMPREGNATING AGENT ONTO SURFACES OF ITEMS, IN PARTICULAR FOOTWEAR**
[54] **APPAREIL ET PROCEDE D'APPLICATION D'UN AGENT D'IMPREGNATION SUR LES SURFACES D'ARTICLES, EN PARTICULIER D'ARTICLES CHAUSSANTS**
[72] MARKER, RENE, DK
[72] BJERRING, PER, DK
[71] IMBOX SHOECARE A/S, DK
[85] 2015-09-03
[86] 2014-03-03 (PCT/DK2014/050044)
[87] (WO2014/135166)
[30] DK (PA 2013 70128) 2013-03-06

[21] **2,903,915**
[13] A1

[51] **Int.Cl. F24F 13/26 (2006.01) F24F 1/01 (2011.01) F24F 13/24 (2006.01)**
[25] FR
[54] **AIR CONDITIONING UNIT**
[54] **CLIMATISEUR**
[72] BUNIS, DAN ALEXANDRU, BE
[71] W PROPERTIES, BE
[85] 2015-09-02
[86] 2014-02-26 (PCT/EP2014/053677)
[87] (WO2014/135406)
[30] BE (2013/0144) 2013-03-05

[21] **2,903,916**
[13] A1

[51] **Int.Cl. C22C 38/38 (2006.01) C21D 8/02 (2006.01) C22C 38/06 (2006.01) C22C 38/26 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **HIGH STRENGTH HOT DIP GALVANISED COMPLEX PHASE STEEL STRIP**
[54] **BANDE D'ACIER HAUTE RESISTANCE, A PHASE COMPLEXE ET GALVANISEE A CHAUD**
[72] ENNIS, BERNARD LEO, NL
[71] TATA STEEL IJMUIDEN BV, NL
[85] 2015-09-03
[86] 2014-02-14 (PCT/EP2014/000400)
[87] (WO2014/139625)
[30] EP (13001215.6) 2013-03-11

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[21] **2,903,917**
[13] A1

[51] **Int.Cl. B32B 5/16 (2006.01) B32B 5/22 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) B32B 7/12 (2006.01) B32B 21/02 (2006.01) B32B 21/04 (2006.01) B32B 21/08 (2006.01) B32B 21/10 (2006.01) B32B 27/04 (2006.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01) B32B 27/42 (2006.01) E04F 13/16 (2006.01) E04F 15/10 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING AN AT LEAST TWO-LAYERED BOARD, AND AN AT LEAST TWO-LAYERED BOARD**

[54] **PROCEDE SERVANT A FABRIQUER UNE PLAQUE COMPRENANT AU MOINS DEUX COUCHES ET PLAQUE COMPRENANT AU MOINS DEUX COUCHES**

[72] THOLE, VOLKER, DE
[72] SCHIRP, ARNE, DE
[72] HENNIGER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-09-03
[86] 2014-03-03 (PCT/EP2014/000535)
[87] (WO2014/135260)
[30] DE (10 2013 003 947.9) 2013-03-07

[21] **2,903,918**
[13] A1

[51] **Int.Cl. B60K 6/485 (2007.10) B60K 6/24 (2007.10) B60K 6/26 (2007.10)**

[25] EN

[54] **INTERNAL COMBUSTION ENGINE COMPRISING AN ELECTRIC DRIVE ON THE CRANKSHAFT**

[54] **MOTEUR A COMBUSTION INTERNE AVEC ENTRAINEMENT ELECTRIQUE SUR LE VILEBREQUIN**

[72] WOLLENBERG, JOHANNES, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-09-03
[86] 2013-03-05 (PCT/EP2013/054403)
[87] (WO2014/135199)

[21] **2,903,921**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01)**

[25] EN

[54] **METHODS FOR DETECTING INFLAMMATORY DISORDERS**

[54] **PROCEDES DESTINES A LA DETECTION DE TROUBLES INFLAMMATOIRES**

[72] HAHN, SINUHE, CH
[72] HASLER, PAUL, CH
[72] GIAGLIS, STAVROS, CH
[72] CHOWDHURY, CHANCHAL SUR, CH
[71] UNIVERSITATSSPITAL BASEL, CH
[85] 2015-09-03
[86] 2014-03-02 (PCT/EP2014/054013)
[87] (WO2014/135469)
[30] EP (13158225.6) 2013-03-07

[21] **2,903,922**
[13] A1

[51] **Int.Cl. A61C 5/02 (2006.01)**

[25] FR

[54] **ENDODONTIC INSTRUMENT, IN PARTICULAR FOR REAMING A ROOT CANAL**

[54] **INSTRUMENT ENDODONTIQUE, NOTAMMENT POUR L'ALEPAGE D'UN CANAL RADICULAIRE.**

[72] BREGUET, OLIVIER, CH
[72] ROSATO, GIANLUCA, CH
[71] FKG DENTAIRE S.A., CH
[85] 2015-09-03
[86] 2014-03-10 (PCT/CH2014/000028)
[87] (WO2014/139039)
[30] CH (586/13) 2013-03-12

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[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **SUBSTITUTED THIAZOLOPYRIMIDINES**

[54] **THIAZOLOPYRIMIDINES SUBSTITUEES**

[72] KLAR, ULRICH, DE
[72] WORTMANN, LARS, DE
[72] GRAHAM, KEITH, DE
[72] PUEHLER, FLORIAN, US
[72] SULZLE, DETLEF, DE
[72] KETTSCHAU, GEORG, DE
[72] LIENAU, PHILIP, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2015-09-03
[86] 2014-03-03 (PCT/EP2014/054028)
[87] (WO2014/135480)
[30] EP (13157909.6) 2013-03-06

[21] **2,903,926**
[13] A1

[51] **Int.Cl. B65D 77/06 (2006.01)**

[25] EN

[54] **PALLET CONTAINER**

[54] **CUVE-PALETTE**

[72] SIEBEL, SASCHA, DE
[71] MAUSER-WERKE GMBH, DE
[71] IBA INTERMEDIATE BULK ALLIANCE GMBH, DE
[85] 2015-09-03
[86] 2014-03-05 (PCT/EP2014/000559)
[87] (WO2014/135275)
[30] DE (20 2013 002 053.9) 2013-03-05
[30] DE (20 2013 007 403.5) 2013-08-12
[30] US (61/883,582) 2013-09-27

[21] **2,903,929**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**

[25] EN

[54] **PROGNOSTIC MARKER TO DETERMINE THE RISK FOR EARLY-ONSET PREECLAMPSIA**

[54] **MARQUEUR PRONOSTIQUE POUR DETERMINER LE RISQUE DE PREECLAMPSIE PRECOCE**

[72] SCHUITEMAKER, JOOST HENRIC NICOLAAS, NL
[71] IQ PRODUCTS B.V., NL
[85] 2015-09-03
[86] 2014-03-03 (PCT/EP2014/054053)
[87] (WO2014/135488)
[30] US (61/772,501) 2013-03-04
[30] EP (13171331.5) 2013-06-10

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[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS HAVING ENHANCED NITROGEN USE EFFICIENCY AND METHODS OF PRODUCING SAME**
[54] **PLANTES PRESENTANT UNE EFFICACITE D'UTILISATION DE L'AZOTE AMPLIFIEE ET PROCEDES DE PRODUCTION ASSOCIES**
[72] MCALLISTER, CHANDRA, CA
[72] BEATTY, PERRIN, CA
[72] D'ENTREMONT, JAYNE, CA
[72] GOOD, ALLEN, CA
[71] BAYER CROPSCIENCE LP, US
[85] 2015-09-03
[86] 2014-03-04 (PCT/EP2014/054171)
[87] (WO2014/135535)
[30] US (61/773,770) 2013-03-06

[21] **2,903,932**
[13] A1

[51] **Int.Cl. B65D 77/06 (2006.01)**
[25] EN
[54] **PALLET CONTAINER**
[54] **CUVE-PALETTE**
[72] SIEBEL, SASCHA, DE
[71] MAUSER-WERKE GMBH, DE
[71] IBA INTERMEDIATE BULK ALLIANCE GMBH, DE
[85] 2015-09-03
[86] 2014-03-05 (PCT/EP2014/000561)
[87] (WO2014/135277)
[30] DE (20 2013 002 053.9) 2013-03-05
[30] DE (20 2013 007 403.5) 2013-08-12
[30] US (61/883,582) 2013-09-27

[21] **2,903,934**
[13] A1

[51] **Int.Cl. C12N 9/34 (2006.01)**
[25] EN
[54] **GLUCOAMYLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS DE GLUCOAMYLASE ET POLYNUCLEOTIDES LES CODANT**
[72] FRIIS, ESBEN P., DK
[72] VIND, JESPER, DK
[72] DE MARIA, LEONARDO, DK
[72] HANSEN, BJARNE G., DK
[71] NOVOZYMES A/S, DK
[85] 2015-09-03
[86] 2014-03-06 (PCT/EP2014/054375)
[87] (WO2014/135647)
[30] EP (13158093.8) 2013-03-07

[21] **2,903,936**
[13] A1

[51] **Int.Cl. C21D 8/04 (2006.01) B21B 1/46 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A COLD-ROLLED FLAT STEEL PRODUCT FOR DEEP-DRAWING AND IRONING APPLICATIONS, FLAT STEEL PRODUCT, AND USE OF A FLAT STEEL PRODUCT OF SAID TYPE**
[54] **PROCEDE SERVANT A PRODUIRE UN PRODUIT PLAT EN ACIER LAMINE A FROID APTE A L'EMBOUITISSAGE ET A L'ETIRAGE, PRODUIT PLAT EN ACIER ET UTILISATION D'UN PRODUIT PLAT EN ACIER DE CE TYPE**
[72] HOLLECK, ERHARD, DE
[72] SOWKA, EBERHARD, DE
[72] KAUP, BURKHARD, DE
[72] SCHIESTER, STEPHAN, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP RASSELSTEIN GMBH, DE
[85] 2015-09-03
[86] 2014-03-06 (PCT/EP2014/054368)
[87] (WO2014/135645)
[30] DE (10 2013 102 273.1) 2013-03-07

[21] **2,903,937**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/02 (2006.01)**
[25] EN
[54] **ACELLULAR PERTUSSIS VACCINE**
[54] **VACCIN ACELLULAIRE CONTRE LA COQUELUCHE**
[72] POOLMAN, JAN THEUNIS, NL
[71] CRUCCELL HOLLAND B.V., NL
[85] 2015-09-03
[86] 2014-03-06 (PCT/EP2014/054379)
[87] (WO2014/135651)
[30] US (61/774,993) 2013-03-08
[30] EP (13169328.5) 2013-05-27

[21] **2,903,938**
[13] A1

[51] **Int.Cl. C07C 67/37 (2006.01) B01J 29/06 (2006.01) B01J 29/18 (2006.01) B01J 29/24 (2006.01) B01J 29/65 (2006.01) B01J 29/70 (2006.01) B01J 29/87 (2006.01) B01J 35/10 (2006.01) B01J 37/00 (2006.01) C01B 39/26 (2006.01) C01B 39/50 (2006.01)**
[25] EN
[54] **CARBONYLATION CATALYST AND PROCESS**
[54] **CATALYSEUR DE CARBONYLATION ET PROCEDE ASSOCIE**
[72] SUNLEY, JOHN GLENN, GB
[71] BP CHEMICALS LIMITED, GB
[85] 2015-09-03
[86] 2014-03-06 (PCT/EP2014/054393)
[87] (WO2014/135661)
[30] EP (13158470.8) 2013-03-08

[21] **2,903,939**
[13] A1

[51] **Int.Cl. B01D 21/00 (2006.01) F24D 19/00 (2006.01)**
[25] EN
[54] **FLUID TREATMENT APPARATUS & METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE FLUIDE**
[72] COWLEY, RICHARD ANTONY, GB
[72] WILKINSON, DARREN LEE, GB
[71] VEXO INTERNATIONAL (UK) LIMITED, GB
[85] 2015-09-03
[86] 2014-03-06 (PCT/GB2014/000084)
[87] (WO2014/135837)
[30] GB (1304043.1) 2013-03-06

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[13] A1

[51] **Int.Cl. A23L 3/3571 (2006.01) A23C 9/12 (2006.01)**
[25] EN
[54] **NOVEL LACTOBACILLUS STRAINS AND THE USES THEREOF**
[54] **NOUVELLES SOUCHES DE LACTOBACILLES ET LEURS UTILISATIONS**
[72] GOELLING, DETLEF, DE
[72] HEILMANN, ANDREAS, DE
[72] LANG, CHRISTINE, DE
[71] ORGANOBALANCE GMBH, DE
[85] 2015-09-03
[86] 2014-03-12 (PCT/EP2014/054879)
[87] (WO2014/140123)
[30] EP (13159061.4) 2013-03-13
[30] US (61/779,246) 2013-03-13

[21] **2,903,941**
[13] A1

[51] **Int.Cl. H01J 49/42 (2006.01) G01N 27/62 (2006.01) H01J 49/06 (2006.01)**
[25] EN
[54] **COAXIAL ION GUIDE**
[54] **GUIDE D'IONS COAXIAL**
[72] GILES, KEVIN, GB
[72] GREEN, MARTIN RAYMOND, GB
[72] WILDGOOSE, JASON LEE, GB
[71] MICROMASS UK LIMITED, GB
[85] 2015-09-03
[86] 2014-03-13 (PCT/GB2014/050748)
[87] (WO2014/140579)
[30] GB (1304521.6) 2013-03-13
[30] EP (13159069.7) 2013-03-13

[21] **2,903,942**
[13] A1

[51] **Int.Cl. H01M 4/38 (2006.01) H01M 10/052 (2010.01) H01M 10/44 (2006.01)**
[25] EN
[54] **A METHOD OF CHARGING A LITHIUM-SULPHUR CELL**
[54] **PROCEDE DE CHARGE D'UNE BATTERIE AU LITHIUM-SOUFRE**
[72] KOLOSITSYN, VLADIMIR, GB
[72] AINSWORTH, DAVID, GB
[72] KABACIK, LUKASZ, GB
[71] OXIS ENERGY LIMITED, GB
[85] 2015-09-03
[86] 2014-03-21 (PCT/GB2014/050888)
[87] (WO2014/155068)
[30] EP (13160777.2) 2013-03-25
[30] GB (1318214.2) 2013-10-15

[21] **2,903,943**
[13] A1

[51] **Int.Cl. C12M 1/33 (2006.01) A61M 1/02 (2006.01) B01L 3/00 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **A SYSTEM FOR EXTRACTION OF CELLS FROM A SAMPLE OF TISSUE**
[54] **SYSTEME D'EXTRACTION DE CELLULES DANS UN ECHANTILLON DE TISSU**
[72] GOLA, MAURO, CH
[72] SOLDATI, GIANNI, CH
[71] SWISS STEM CELL FOUNDATION, CH
[85] 2015-09-03
[86] 2014-01-22 (PCT/EP2014/051253)
[87] (WO2014/135300)
[30] EP (PCT/EP2013/054297) 2013-03-04

[21] **2,903,944**
[13] A1

[51] **Int.Cl. H01M 4/38 (2006.01) H01M 10/052 (2010.01) H01M 10/44 (2006.01)**
[25] EN
[54] **A METHOD OF CYCLING A LITHIUM-SULPHUR CELL**
[54] **PROCEDE DE CYCLAGE D'UNE BATTERIE AU LITHIUM-SOUFRE**
[72] KABACIK, LUKASZ, GB
[71] OXIS ENERGY LIMITED, GB
[85] 2015-09-03
[86] 2014-03-21 (PCT/GB2014/050890)
[87] (WO2014/155069)
[30] EP (13160756.6) 2013-03-25
[30] GB (1321703.9) 2013-12-09

[21] **2,903,945**
[13] A1

[51] **Int.Cl. F16F 7/12 (2006.01) F16F 7/00 (2006.01)**
[25] EN
[54] **IMPACT-ABSORBING COMPONENT**
[54] **COMPOSANT AMORTISSEUR DE CHOCS**
[72] KOGA, ATSUO, JP
[72] OHISHI, HIROSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-09-03
[86] 2014-03-03 (PCT/JP2014/055343)
[87] (WO2014/136733)
[30] JP (2013-042208) 2013-03-04

[21] **2,903,946**
[13] A1

[51] **Int.Cl. G01N 33/92 (2006.01)**
[25] EN
[54] **NON-HIGH DENSITY LIPOPROTEIN DERIVED CVD MARKERS**
[54] **MARQUEURS CVD ISSUS D'UNE LIPOPROTEINE NON A DENSITE ELEVEE**
[72] LAAKSONEN, REIJO, FI
[71] ZORA BIOSCIENCES OY, FI
[85] 2015-09-03
[86] 2014-03-07 (PCT/EP2014/054499)
[87] (WO2014/135696)
[30] US (61/775,445) 2013-03-08

[21] **2,903,947**
[13] A1

[51] **Int.Cl. H01M 4/38 (2006.01) H01M 4/136 (2010.01) H01M 10/052 (2010.01) H01M 4/58 (2010.01) H01M 10/42 (2006.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **A METHOD OF CHARGING A LITHIUM-SULPHUR CELL**
[54] **PROCEDE DE CHARGE DE BATTERIE LITHIUM/SOUFRE**
[72] KABACIK, LUKASZ, GB
[72] AINSWORTH, DAVID, GB
[71] OXIS ENERGY LIMITED, GB
[85] 2015-09-03
[86] 2014-03-21 (PCT/GB2014/050891)
[87] (WO2014/155070)
[30] EP (13160790.5) 2013-03-25

[21] **2,903,949**
[13] A1

[51] **Int.Cl. C23C 14/24 (2006.01) B82Y 40/00 (2011.01)**
[25] EN
[54] **NANOPARTICLE DIFFERENTIATION DEVICE**
[54] **DISPOSITIF DE DIFFERENCIATION DE NANOPARTICULES**
[72] UCHIYAMA, NAOKI, JP
[71] KABUSHIKI KAISHA ATSUMITEC, JP
[85] 2015-09-03
[86] 2014-03-07 (PCT/JP2014/055989)
[87] (WO2014/156565)
[30] JP (2013-062254) 2013-03-25

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[21] **2,903,950**
[13] A1

[51] **Int.Cl. H01G 11/04 (2013.01) H01G 11/70 (2013.01) H01M 12/00 (2006.01)**

[25] FR

[54] **ASYMMETRIC SUPERCAPACITOR WITH ALKALINE ELECTROLYTE COMPRISING A THREE-DIMENSIONAL NEGATIVE ELECTRODE AND METHOD FOR PRODUCING SAME**

[54] **SUPERCONDENSATEUR ASYMETRIQUE A ELECTROLYTE ALCALIN COMPORANT UNE ELECTRODE NEGATIVE TRIDIMENSIONNELLE ET SON PROCEDE DE FABRICATION**

[72] CHEVALIER, STEPHANIE, FR
[72] DENDARY, MELANIE, FR
[72] BERNARD, PATRICK, FR
[71] SAFT, FR
[85] 2015-09-03
[86] 2014-03-07 (PCT/EP2014/054445)
[87] (WO2014/135678)
[30] FR (1352108) 2013-03-08

[21] **2,903,951**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/12 (2006.01)**

[25] EN

[54] **POWER GENERATOR**

[54] **DISPOSITIF DE GENERATEUR**

[72] UCHIYAMA, NAOKI, JP
[72] UCHIYAMA, YASUYUKI, JP
[72] NAKABAYASHI, SEIGOU, JP
[71] KABUSHIKI KAISHA ATSUMITEC, JP

[85] 2015-09-03
[86] 2014-03-07 (PCT/JP2014/055990)
[87] (WO2014/156566)
[30] JP (2013-064202) 2013-03-26

[21] **2,903,952**
[13] A1

[51] **Int.Cl. B22D 41/24 (2006.01) B22D 11/10 (2006.01) B22D 41/28 (2006.01)**

[25] EN

[54] **SLIDING NOZZLE DEVICE**

[54] **DISPOSITIF A BUSE COULISSANTE**

[72] FUNATO, JUNICI, JP
[72] YOKOI, NOBUYUKI, JP
[72] IMAHASE, TOSHIHIRO, JP
[71] KROSAKIHARIMA CORPORATION, JP

[85] 2015-09-03
[86] 2014-03-25 (PCT/JP2014/058210)
[87] (WO2014/157157)
[30] JP (2013-067044) 2013-03-27
[30] JP (2013-200144) 2013-09-26

[21] **2,903,953**
[13] A1

[51] **Int.Cl. A61B 5/055 (2006.01) A61B 5/0476 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MODELING BRAIN DYNAMICS IN NORMAL AND DISEASED STATES**

[54] **SYSTEME ET PROCEDE PERMETTANT DE MODELISER LES DYNAMIQUES DU CERVEAU EN BONNE SANTE ET MALADE**

[72] LEE, JIN HYUNG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2015-09-02
[86] 2014-01-31 (PCT/US2014/014318)
[87] (WO2014/121146)
[30] US (61/759,363) 2013-01-31

[21] **2,903,954**
[13] A1

[51] **Int.Cl. B64C 25/26 (2006.01)**

[25] FR

[54] **AIRCRAFT LANDING GEAR PROVIDED WITH AN ADJUSTABLE ROLLER**

[54] **ATTERRESSEUR D'AERONEF MUNI D'UNE OLIVE REGLABLE**

[72] LA COMMARA, DOMENICO, FR
[72] FAURE, THIBAUT, FR
[71] MESSIER-BUGATTI-DOWTY, FR

[85] 2015-09-03
[86] 2014-03-12 (PCT/EP2014/054897)
[87] (WO2014/140139)
[30] FR (13 52208) 2013-03-12

[21] **2,903,955**
[13] A1

[51] **Int.Cl. C21B 7/00 (2006.01) C21B 5/00 (2006.01)**

[25] EN

[54] **BLAST FURNACE OPERATION METHOD**

[54] **PROCEDE D'EXPLOITATION DE HAUT-FOURNEAU**

[72] FUJIWARA DAIKI, JP
[72] MURAO AKINORI, JP
[71] JFE STEEL CORPORATION, JP

[85] 2015-09-03
[86] 2014-03-27 (PCT/JP2014/058793)
[87] (WO2014/162964)
[30] JP (2013-077524) 2013-04-03

[21] **2,903,956**
[13] A1

[51] **Int.Cl. E21C 35/00 (2006.01) G01C 21/10 (2006.01)**

[25] EN

[54] **MINING MACHINE POSITION TRACKING AND MAPPING**

[54] **SUIVI ET MAPPAGE DE LA POSITION D'UNE MACHINE DE MINE**

[72] DE ZOETEN, ERIC, AU
[72] O'DONNELL, PETER, AU
[71] INDUSTREA MINING TECHNOLOGY PTY LTD, AU

[85] 2015-09-03
[86] 2014-03-13 (PCT/IB2014/000302)
[87] (WO2014/140732)
[30] AU (2013900878) 2013-03-14

[21] **2,903,957**
[13] A1

[51] **Int.Cl. G01J 3/02 (2006.01) H04N 5/341 (2011.01) G01J 3/26 (2006.01) G01J 3/28 (2006.01) G01J 3/36 (2006.01) G01J 3/51 (2006.01) H01L 27/146 (2006.01) H04N 5/225 (2006.01)**

[25] EN

[54] **IMAGING UNIT**

[54] **UNITE D'IMAGERIE**

[72] SKAULI, TORBJORN, NO
[71] FORSVARETS FORSKNINGINSTITUTT, NO

[85] 2015-09-03
[86] 2014-03-13 (PCT/EP2014/054980)
[87] (WO2014/140189)
[30] NO (20130382) 2013-03-15

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[21] **2,903,959**
[13] A1

[51] **Int.Cl. G01S 19/51 (2010.01) G01S 19/28 (2010.01) G01S 19/41 (2010.01)**

[25] EN

[54] **RELATIVE POSITION CALCULATING SYSTEM FOR WORK MACHINE**

[54] **SYSTEME DE CALCUL DE POSITION RELATIVE POUR MACHINE DE TRAVAIL**

[72] BANDO, MIKIO, JP
[72] SATO, TAKAYUKI, JP
[72] ISHIMOTO, HIDEFUMI, JP
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP

[85] 2015-09-03
[86] 2014-07-25 (PCT/JP2014/069765)
[87] (WO2015/016159)
[30] JP (2013-156409) 2013-07-29

[21] **2,903,960**
[13] A1

[51] **Int.Cl. G07C 11/00 (2006.01) G06Q 10/02 (2012.01) G06K 19/077 (2006.01)**

[25] EN

[54] **A CONTROL SYSTEM FOR DETECTING THE PRESENCE OF EQUIPMENT DEVICES**

[54] **SYSTEME DE COMMANDE POUR DETECTER LA PRESENCE DE DISPOSITIFS D'EQUIPEMENT**

[72] MICELOTTA, ANDREA, IT
[72] COSSU, VALENTINA, IT
[71] A-KEY S.R.L., IT
[71] ENEL DISTRIBUZIONE SPA DIVISIONE INFRASTRUTTURE E RETI, IT

[85] 2015-07-14
[86] 2014-01-16 (PCT/IB2014/058316)
[87] (WO2014/111872)
[30] IT (GE2013A000005) 2013-01-16

[21] **2,903,961**
[13] A1

[51] **Int.Cl. A61K 31/41 (2006.01) A61K 31/505 (2006.01) A61P 3/00 (2006.01) A61P 3/06 (2006.01)**

[25] EN

[54] **COMPLEX PREPARATION INCLUDING VALSARTAN AND ROSUVASTATIN CALCIUM AND MANUFACTURING METHOD THEREFOR**

[54] **PREPARATION DE COMPLEXE COMPORTANT DU VALSARTAN ET DE LA ROSUVASTATINE CALCIQUE ET PROCEDE DE FABRICATION CORRESPONDANT**

[72] SONG, JEONG UK, KR
[72] KIM, GEUN TAE, KR
[72] KIM, SUN IL, KR
[72] LEE, KI KON, KR
[71] LG LIFE SCIENCES LTD., KR

[85] 2015-09-03
[86] 2014-03-11 (PCT/KR2014/002008)
[87] (WO2014/142521)
[30] KR (10-2013-0026146) 2013-03-12

[21] **2,903,962**
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01)**

[25] EN

[54] **TISSUE ANCHORING AND DEPLOYMENT SYSTEMS**

[54] **SYSTEMES D'ANCRAGE ET DE DEPLOIEMENT DE TISSU**

[72] ROSENTHAL, MICHAEL H., US
[72] GONZALES, DONALD A., US
[72] SALINAS, SERGIO, US
[72] GARCIA, JOSE L., US
[71] MIMOSA MEDICAL, INC., US

[85] 2015-09-14
[86] 2014-02-11 (PCT/US2014/015708)
[87] (WO2014/143466)
[30] US (13/839,401) 2013-03-15

[21] **2,903,964**
[13] A1

[51] **Int.Cl. G01S 17/10 (2006.01) G01F 23/292 (2006.01) G01S 17/42 (2006.01) G01S 17/88 (2006.01)**

[25] EN

[54] **OPTICAL REMOTE SENSING SYSTEM FOR PROCESS ENGINEERING CONTROL**

[54] **SYSTEME DE TELEDETECTION OPTIQUE POUR LE CONTROLE DE L'INGENIERIE DES PROCEDES**

[72] TENHUNEN, JUSSI, FI
[72] SIIKANEN, SAMI, FI
[72] KOSTAMOVARA, JUHA, FI
[71] ANDRITZ OY, FI

[85] 2015-09-03
[86] 2014-02-20 (PCT/IB2014/059130)
[87] (WO2014/128644)
[30] FI (20135159) 2013-02-22

[21] **2,903,965**
[13] A1

[51] **Int.Cl. A61M 11/02 (2006.01) A61M 11/06 (2006.01) A61M 15/02 (2006.01)**

[25] EN

[54] **NEBULIZER FOR INFANTS AND RESPIRATORY COMPROMISED PATIENTS**

[54] **NEBULISEUR POUR NOURRISSONS ET PATIENTS ATTEINTS DE PROBLEMES RESPIRATOIRES**

[72] GUMASTE, ANAND, US
[72] FLEMING, SCOTT, US
[72] CHAN, PHILIP, US
[71] MICRODOSE THERAPEUTX, INC., US

[85] 2015-09-03
[86] 2014-03-03 (PCT/US2014/019965)
[87] (WO2014/158764)
[30] US (13/830,498) 2013-03-14

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[21] **2,903,966**
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **NASAL CANNULA ASSEMBLIES AND RELATED PARTS**
[54] **ENSEMBLES CANULES NAsALES ET PARTIES ASSOCIEES**
[72] O'CONNOR, MARK THOMAS, NZ
[72] KLENNER, JASON ALLAN, NZ
[72] ASSI, MILANJOT SINGH, NZ
[72] SPENCE, CALLUM JAMES THOMAS, NZ
[72] HOPKINS, CAROLINE GERALDINE, NZ
[72] DUTHIE, NEIL GRAY, NZ
[72] WHITE, CRAIG KARL, NZ
[72] EVANS, ALICIA JERRAM HUNTER, NZ
[72] LAING, BRENT IAN, NZ
[72] CLARKSON, SOOJI HOPE, NZ
[72] GULLIVER, LAURENCE, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2015-09-03
[86] 2014-03-14 (PCT/NZ2014/000040)
[87] (WO2014/142681)
[30] US (61/799,583) 2013-03-15
[30] US (61/815,671) 2013-04-24
[30] US (61/829,103) 2013-05-30
[30] US (61/880,541) 2013-09-20
[30] US (61/881,316) 2013-09-23
[30] US (61/881,693) 2013-09-24
[30] US (61/916,686) 2013-12-16

[21] **2,903,967**
[13] A1

[51] **Int.Cl. B24D 3/14 (2006.01)**
[25] EN
[54] **NONWOVEN ABRASIVE ARTICLE CONTAINING FORMED ABRASIVE PARTICLES**
[54] **ARTICLE ABRASIF NON-TISSE CONTENANT DES PARTICULES ABRASIVES FORMEES**
[72] KAUR, JASMEET, US
[72] ZWIER, JACOB M., US
[72] ADEFRIS, NEGUS B., US
[72] WOO, EDWARD J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-09-03
[86] 2014-03-04 (PCT/US2014/020106)
[87] (WO2014/137972)
[30] US (61/772,007) 2013-03-04

[21] **2,903,968**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **DETECTION OF ACUTE RENAL ALLOGRAFT REJECTION**
[54] **DETECTION DU REJET AIGU D'UNE ALLOGREFFE RENALE**
[72] REUTER, STEFAN, DE
[72] TIEMANN, KLAUS, DE
[71] WESTFAELISCHE WILHELMS-UNIVERSITAET MUENSTER, DE
[85] 2015-09-03
[86] 2014-03-13 (PCT/EP2014/054992)
[87] (WO2014/140197)
[30] EP (13159604.1) 2013-03-15

[21] **2,903,969**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING VITAL SIGN INFORMATION**
[54] **SYSTEME ET PROCEDE POUR DETERMINER DES INFORMATIONS DE SIGNES VITAUX**
[72] BRESCH, ERIK, NL
[72] MUHLSTEFF, JENS, NL
[72] NEUMANN, ROLF, NL
[72] ROCQUE, MUKUL JULIUS, NL
[72] VERKUIJSSE, WILLEM, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2015-09-03
[86] 2014-02-28 (PCT/IB2014/059333)
[87] (WO2014/136027)
[30] US (61/773,438) 2013-03-06
[30] EP (13157992.2) 2013-03-06
[30] US (61/781,112) 2013-03-14
[30] EP (13159110.9) 2013-03-14

[21] **2,903,970**
[13] A1

[51] **Int.Cl. A61K 38/10 (2006.01) A61K 38/17 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **NEW STABLE PENTADECAPEPTIDE SALTS, A PROCESS FOR PREPARATION THEREOF, A USE THEREOF IN THE MANUFACTURE OF PHARMACEUTICAL PREPARATIONS AND A USE THEREOF IN THERAPY**
[54] **NOUVEAUX SELS PENTADECAPEPTIDES STABLES, PROCEDE DE PREPARATION ASSOCIE, LEUR UTILISATION DANS LA FABRICATION DE PREPARATIONS PHARMACEUTIQUES ET LEUR UTILISATION EN THERAPIE**
[72] RUCMAN, RUDOLF, SI
[71] DIAGEN D.O.O., SI
[85] 2015-09-03
[86] 2013-05-09 (PCT/SI2013/000026)
[87] (WO2014/142764)
[30] SI (P-201300055) 2013-03-13

[21] **2,903,971**
[13] A1

[51] **Int.Cl. B64D 37/00 (2006.01) B64D 37/32 (2006.01)**
[25] EN
[54] **TANK WALL CONNECTOR SYSTEM**
[54] **SYSTEME DE CONNECTEUR DE PAROI DE RESERVOIR**
[72] SOURBES, GUILLAUME, CA
[72] DESY, PHILIPPE, CA
[72] GAUDREAU, JEAN-GUY, CA
[71] BOMBARDIER INC., CA
[85] 2015-09-03
[86] 2014-03-06 (PCT/IB2014/059501)
[87] (WO2014/136085)
[30] US (61/773,410) 2013-03-06

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[21] **2,903,973**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/337 (2006.01) A61K 47/10 (2006.01)**
[25] EN
[54] **TAXOID - PURIFICATION PRINCIPLE FOR LIQUID EXCIPIENTS**
[54] **PRINCIPE DE PURIFICATION DE TAXOIDE POUR DES EXCIPIENTS LIQUIDES**
[72] VAN LAMOEN, RICHARD, NL
[72] FEUNEKES, LENDERT, NL
[72] BOING, JAN, NL
[72] BRANDSMA, JELTE, NL
[72] VAN ACHTHOVEN, ERWIN, NL
[72] SMIT, RUUD, NL
[71] PHARMACHEMIE B.V., NL
[85] 2015-09-03
[86] 2014-03-13 (PCT/EP2014/055016)
[87] (WO2014/140213)
[30] EP (13159275.0) 2013-03-14
[30] US (61/783,550) 2013-03-14

[21] **2,903,974**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATING A NEUROMUSCULAR DEFECT**
[54] **APPAREIL POUR LE TRAITEMENT D'UN DEFAUT NEUROMUSCULAIRE**
[72] PAPAY, FRANCIS A., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2015-09-03
[86] 2013-03-07 (PCT/US2013/029583)
[87] (WO2014/137344)

[21] **2,903,975**
[13] A1

[51] **Int.Cl. G01F 1/696 (2006.01) G01F 1/698 (2006.01)**
[25] EN
[54] **FLOW SENSOR CIRCUIT FOR MONITORING A FLUID FLOWPATH**
[54] **CIRCUIT DE DETECTION D'ECOULEMENT PERMETTANT DE SURVEILLER UN TRAJET D'ECOULEMENT DE FLUIDE**
[72] CLAY, BRIAN K., US
[72] PRIETO MARTINEZ, HELEN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-09-03
[86] 2013-03-12 (PCT/US2013/030452)
[87] (WO2014/142806)

[21] **2,903,976**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MARKERS ASSOCIATED WITH WNT INHIBITORS**
[54] **MARQUEURS ASSOCIES A DES INHIBITEURS DE LA VOIE WNT**
[72] CHE, JIANWEI, US
[72] HARRIS, JENNIFER, US
[72] HSIEH, HSIN-I, US
[72] LI, JIE, US
[72] LIU, JUN, US
[72] NG, NICHOLAS, US
[71] NOVARTIS AG, CH
[85] 2015-09-03
[86] 2014-03-10 (PCT/IB2014/059585)
[87] (WO2014/141038)
[30] US (61/776,334) 2013-03-11

[21] **2,903,977**
[13] A1

[51] **Int.Cl. E03F 3/02 (2006.01)**
[25] EN
[54] **UNDERDRAIN AND METHOD FOR TRANSFERRING FORCES AND DIRECTING FLOW**
[54] **DRAIN SOUTERRAIN, PROCEDE DE TRANSFERT DE FORCES ET GUIDAGE DE FLUX**
[72] BALL, CHRISTOPHER J., US
[72] BATES, BRIAN J., US
[72] SWEENEY, HOWARD J., US
[71] XYLEM WATER SOLUTIONS ZELIENOPLE LLC, US
[85] 2015-09-03
[86] 2014-03-04 (PCT/US2014/020266)
[87] (WO2014/138042)
[30] US (61/772,701) 2013-03-05

[21] **2,903,978**
[13] A1

[51] **Int.Cl. A01N 37/36 (2006.01) A01N 25/30 (2006.01) C07C 69/734 (2006.01) C07C 235/00 (2006.01) C11D 1/40 (2006.01) C11D 1/42 (2006.01) C11D 1/44 (2006.01) C11D 1/52 (2006.01) C11D 1/72 (2006.01) C11D 1/74 (2006.01)**
[25] EN
[54] **NITROGEN CONTAINING SURFACTANTS WITH ALKOXYLATION ON THE HYDROXYL GROUP OF FATTY CHAINS**
[54] **TENSIOACTIFS AZOTES AVEC ALKOXYLATION SUR LE GROUPE HYDROXYLE DE CHAINES D'ACIDES GRAS**
[72] ZHU, SHAWN, US
[72] SU, BIING-MING, US
[72] NGUYEN, GIAO VINH, US
[72] SCHWARZMAYR, LOUIS, SE
[72] SUN, JINXIA SUSAN, US
[72] WANG, XIAOYU, CN
[72] BAND, ELLIOT ISAAC, US
[72] ISLAM, MOJAHEDUL, US
[72] PUGLISI, CHRISTINE, US
[72] WINKENWERDER, WYATT, US
[72] DAVIS, CHARLES WOODVILLE, US
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2015-09-03
[86] 2014-03-13 (PCT/EP2014/055017)
[87] (WO2014/140214)
[30] US (61/782,473) 2013-03-14
[30] EP (13174883.2) 2013-07-03

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[21] **2,903,979**
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 413/04 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **3-PYRIMIDIN-4-YL-OXAZOLIDIN-2-ONES AS INHIBITORS OF MUTANT IDH**

[54] **3-PYRIMIDIN-4-YL-OXAZOLIDIN-2-ONES COMME INHIBITEURS D'IDH MUTANTE**

[72] CAFERRO, THOMAS RAYMOND, US

[72] CHEN, ZHUOLIANG, US

[72] CHO, YOUNG SHIN, US

[72] COSTALES, ABRAN Q., US

[72] LEVELL, JULIAN ROY, US

[72] LIU, GANG, US

[72] MANNING, JAMES R., US

[72] SENDZIK, MARTIN, US

[72] SHAFER, CYNTHIA, US

[72] SHULTZ, MICHAEL DAVID, US

[72] SUTTON, JAMES, US

[72] WANG, YAPING, US

[72] ZHAO, QIAN, US

[71] NOVARTIS AG, CH

[85] 2015-09-03

[86] 2014-03-12 (PCT/IB2014/059695)

[87] (WO2014/141104)

[30] US (61/783,210) 2013-03-14

[30] US (61/892,131) 2013-10-17

[21] **2,903,980**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR CLAMPING A BLISTER WITHIN A DRY POWDER INHALER**

[54] **PROCEDE ET DISPOSITIF POUR SERRER UNE COQUE A L'INTERIEUR D'UN INHALATEUR A POUDRE SECHE**

[72] MOSIER, KENT D., US

[71] MICRODOSE THERAPEUTX, INC., US

[85] 2015-09-03

[86] 2014-03-04 (PCT/US2014/020371)

[87] (WO2014/149691)

[30] US (13/840,577) 2013-03-15

[21] **2,903,981**
[13] A1

[51] **Int.Cl. G01L 19/08 (2006.01) G01L 9/06 (2006.01) G08C 15/06 (2006.01) G01M 9/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MULTIPLEXED AND BUFFERED MINIATURIZED SENSOR ARRAYS**

[54] **SYSTEME ET PROCEDE POUR RESEAUX DE CAPTEURS MINIATURISES MULTIPLEXES ET TAMPONNES**

[72] KEETER, STEVEN MARK, US

[71] MEASUREMENT SPECIALTIES, INC., US

[85] 2015-09-03

[86] 2014-03-04 (PCT/US2014/020231)

[87] (WO2014/138030)

[30] US (13/785,742) 2013-03-05

[21] **2,903,982**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/08 (2006.01)**

[25] EN

[54] **FLOW CONTROL SCREEN ASSEMBLY HAVING AN ADJUSTABLE INFLOW CONTROL DEVICE**

[54] **ENSEMBLE ECRAN DE REGULATION DE DEBIT AYANT UN DISPOSITIF DE REGULATION DE DEBIT D'ENTREE AJUSTABLE**

[72] KANG, JAMES JUN, US

[72] FRIPP, MICHAEL LINLEY, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-09-03

[86] 2013-04-10 (PCT/US2013/036042)

[87] (WO2014/168617)

[21] **2,903,983**
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**

[25] EN

[54] **PREDICTING APPROVAL OF TRANSACTIONS**

[54] **PREDICTION DE L'APPROBATION DE TRANSACTIONS**

[72] SCOTT, BRYAN J., US

[72] BHORANIA, JEVIN C., US

[72] MASON, RAYMOND KNIGHT, III, US

[72] POURSARTIP, ARIANA, US

[71] SQUARE, INC., US

[85] 2015-09-03

[86] 2014-03-04 (PCT/US2014/020389)

[87] (WO2014/138109)

[30] US (13/786,262) 2013-03-05

[21] **2,903,984**
[13] A1

[51] **Int.Cl. B07C 5/36 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR TRANSPORTING AND EXAMINING FAST-MOVING OBJECTS TO BE TREATED**

[54] **DISPOSITIF ET PROCEDE POUR TRANSPORTER ET EXAMINER DES PRODUITS A TRAITER DEFILANT A VITESSE ELEVEE**

[72] HERMLE, MATTHIAS, CH

[72] KUBALEK, BERNHARD, CH

[72] MAIBACH, FRIDOLIN, CH

[71] FINATEC HOLDING AG, CH

[85] 2015-09-03

[86] 2014-03-14 (PCT/EP2014/055108)

[87] (WO2014/140280)

[30] DE (10 2013 102 653.2) 2013-03-14

[21] **2,903,985**
[13] A1

[51] **Int.Cl. C10M 133/16 (2006.01)**

[25] EN

[54] **LIMITED SLIP FRICTION MODIFIERS FOR DIFFERENTIALS**

[54] **MODIFICATEURS DE FROTTEMENT A GLISSEMENT LIMITE POUR DIFFERENTIELS**

[72] BASU, SHUBHAMITA, US

[72] BARTLEY, STUART L., US

[71] THE LUBRIZOL CORPORATION, US

[85] 2015-09-03

[86] 2014-02-18 (PCT/US2014/016787)

[87] (WO2014/137580)

[30] US (61/773,904) 2013-03-07

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[21] **2,903,986**
[13] A1

[51] **Int.Cl. B64C 19/02 (2006.01)**
[25] EN
[54] **HYBRID ASSEMBLY FOR AN AIRCRAFT**
[54] **SYSTEME HYBRIDE POUR AERONEF**
[72] ANDERSON, RICHARD, US
[72] COSTELLO, LORI, US
[72] EASTLAKE, CHARLES N., US
[72] GONITZKE, MATT, US
[72] GREINER, GLENN P., US
[71] EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, INC., US
[85] 2015-09-03
[86] 2013-04-19 (PCT/US2013/037409)
[87] (WO2014/137365)
[30] US (13/785,605) 2013-03-05
[30] US (13/785,737) 2013-03-05

[21] **2,903,987**
[13] A1

[51] **Int.Cl. C01B 31/02 (2006.01) B82B 1/00 (2006.01) B82B 3/00 (2006.01)**
[25] EN
[54] **LARGE SCALE OXIDIZED GRAPHENE PRODUCTION FOR INDUSTRIAL APPLICATIONS**
[54] **PRODUCTION DE GRAPHENE OXYDE A GRANDE ECHELLE POUR DES APPLICATIONS INDUSTRIELLES**
[72] BLAIR, RICHARD, US
[71] GARMOR, INC., US
[85] 2015-09-03
[86] 2014-03-07 (PCT/US2014/021810)
[87] (WO2014/138596)
[30] US (61/774,633) 2013-03-08

[21] **2,903,988**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) C10L 1/02 (2006.01) C11C 3/12 (2006.01)**
[25] EN
[54] **RENEWABLE HYDROCARBON COMPOSITION**
[54] **COMPOSITION D'HYDROCARBURE RENOUEVELABLE**
[72] LINDBERG, TEEMU, FI
[72] NOUSIAINEN, JAAKKO, FI
[72] LAUMOLA, HELI, FI
[72] RISSANEN, ARTO, FI
[71] UPM-KYMMENE CORPORATION, FI
[85] 2015-09-03
[86] 2014-03-20 (PCT/EP2014/055630)
[87] (WO2014/161724)
[30] FI (20135309) 2013-04-02

[21] **2,903,989**
[13] A1

[51] **Int.Cl. G07B 15/06 (2011.01)**
[25] EN
[54] **TOLL PAYMENT COLLECTION WITH COMMUNICATION DEVICE**
[54] **COLLECTE DE PAIEMENT DE PEAGE AVEC DISPOSITIF DE COMMUNICATION**
[72] FUSTES, MANUEL, US
[71] FUSTES, MANUEL, US
[85] 2015-09-03
[86] 2014-02-21 (PCT/US2014/017586)
[87] (WO2014/163830)
[30] US (61/776,324) 2013-03-11

[21] **2,903,990**
[13] A1

[51] **Int.Cl. H01J 13/08 (2006.01) H01J 13/52 (2006.01) H01J 17/08 (2006.01)**
[25] EN
[54] **COLD-CATHODE SWITCHING DEVICE AND CONVERTER**
[54] **DISPOSITIF DE COMMUTATION A CATHODE FROIDE ET CONVERTISSEUR**
[72] SOMMERER, TIMOTHY JOHN, US
[72] MICHAEL, JOSEPH DARRYL, US
[72] SMITH, DAVID JOHN, US
[72] ZALUBOVSKY, SERGEY JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-09-03
[86] 2013-05-21 (PCT/US2013/041987)
[87] (WO2014/143100)
[30] US (61/790,650) 2013-03-15

[21] **2,903,991**
[13] A1

[51] **Int.Cl. F01D 5/18 (2006.01)**
[25] EN
[54] **TURBINE BLADE FOR IMPROVING DUST MITIGATION**
[54] **AUBE DE TURBINE POUR AMELIORER LA REDUCTION DE LA POUSSIERE**
[72] MOLTER, STEPHEN MARK, US
[72] STONE, TIMOTHY DERYCK, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-09-03
[86] 2014-02-21 (PCT/US2014/017600)
[87] (WO2014/186022)
[30] US (13/800,647) 2013-03-13

[21] **2,903,992**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/455 (2006.01) G06F 9/46 (2006.01)**
[25] EN
[54] **APPLICATION MARKETPLACE FOR VIRTUAL DESKTOPS**
[54] **MARCHE D'APPLICATION POUR BUREAUX VIRTUELS**
[72] SURYANARAYANAN, DEEPAK, US
[72] FARRELL, EUGENE MICHAEL, US
[72] BROWN, DAVID EVERARD, US
[72] LUSZCZ, STEPHEN WILLIAM, US
[72] PADUKONE, AJIT NAGENDRA, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2015-09-03
[86] 2014-03-04 (PCT/US2014/020404)
[87] (WO2014/164075)
[30] US (13/794,600) 2013-03-11

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[21] **2,903,993**
[13] A1

[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/16 (2006.01) A61K 45/06 (2006.01) A61K 47/36 (2006.01) A61L 31/14 (2006.01) A61L 31/16 (2006.01) A61P 9/10 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL FORMULATION FOR USE IN THE TREATMENT AND/OR PREVENTION OF RESTENOSIS COMPOSITION PHARMACEUTIQUE A UTILISER DANS LE TRAITEMENT ET/OU LA PREVENTION DE LA RESTENOSE**

[72] DELIE, FLORENCE, CH
[72] JORDAN, OLIVIER, CH
[72] LUCA, LUDMILA, CH
[72] SAUCY, FRANCOIS, CH
[72] HAEFLIGER, JACQUES-ANTOINE, CH

[72] MYLONAKI, IOANNA, CH
[71] CENTRE HOSPITALIER UNIVERSITAIRE VAUDOIS (C.H.U.V), CH

[85] 2015-09-03
[86] 2014-03-27 (PCT/EP2014/056157)
[87] (WO2014/154804)
[30] US (61/805,716) 2013-03-27

[21] **2,903,994**
[13] A1

[51] **Int.Cl. C07D 475/04 (2006.01) A61K 31/519 (2006.01) A61K 41/00 (2006.01) A61K 51/04 (2006.01) G01N 33/52 (2006.01)**

[25] EN

[54] **SYNTHESIS AND COMPOSITION OF AMINO ACID LINKING GROUPS CONJUGATED TO COMPOUNDS USED FOR THE TARGETED IMAGING OF TUMORS**

[54] **SYNTHESE ET COMPOSITION DE GROUPE DE LIAISON D'ACIDES AMINES CONJUGUES A DES COMPOSES UTILISES POUR L'IMAGERIE CIBLEE DE TUMEURS**

[72] LOW, PHILIP S., US
[72] KULARATNE, SUMITH A., US
[72] MAHALINGAM, SAKKARAPALAYAM M., US

[71] PURDUE RESEARCH FOUNDATION, US

[85] 2015-09-03
[86] 2013-08-26 (PCT/US2013/056629)
[87] (WO2014/149069)
[30] US (61/791,921) 2013-03-15

[21] **2,903,995**
[13] A1

[51] **Int.Cl. F03D 7/02 (2006.01)**

[25] EN

[54] **WIND TURBINE AND METHOD FOR OPERATING A WIND TURBINE**

[54] **EOLIENNE ET PROCEDE DE FONCTIONNEMENT D'UNE EOLIENNE**

[72] BUSKER, KAI, DE
[72] BEEKMANN, ALFRED, DE
[71] WOBLEN PROPERTIES GMBH, DE

[85] 2015-09-03
[86] 2014-04-04 (PCT/EP2014/056783)
[87] (WO2014/166824)
[30] DE (10 2013 206 119.6) 2013-04-08

[21] **2,903,996**
[13] A1

[51] **Int.Cl. H04W 8/20 (2009.01) H04W 8/24 (2009.01) H04W 8/26 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR AUTO-CONFIGURING A USER EQUIPMENT DEVICE WITH CONTENT CONSUMPTION MATERIAL**

[54] **SYSTEMES ET PROCEDES POUR L'AUTO-CONFIGURATION D'UN DISPOSITIF EQUIPEMENT D'UTILISATEUR AVEC UN MATERIEL DE CONSOMMATION DE CONTENU**

[72] LUNDELL, GREGORY, JAMES, US
[71] ROVI GUIDES, INC., US

[85] 2015-09-03
[86] 2014-03-05 (PCT/US2014/020609)
[87] (WO2014/164109)
[30] US (13/794,292) 2013-03-11

[21] **2,903,997**
[13] A1

[51] **Int.Cl. F01D 11/12 (2006.01) F01D 11/00 (2006.01) F01D 25/24 (2006.01) F02C 7/28 (2006.01)**

[25] EN

[54] **TURBINE SHROUD WITH SPLINE SEAL**

[54] **CARENAGE DE TURBINE COMPRENANT JOINT A CANNELURE**

[72] ALBERS, JOSEPH C., US
[72] SHELTON, MONTY LEE, US
[72] PROCTOR, ROBERT, US
[72] RUSSO, RICHARD, JR., US
[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-09-03
[86] 2014-03-07 (PCT/US2014/021975)
[87] (WO2014/193509)
[30] US (13/827,762) 2013-03-14

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[21] **2,903,998**
[13] A1

[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/08 (2006.01) F01D 25/32 (2006.01) F02C 7/052 (2006.01)**

[25] EN

[54] **CYCLONIC DIRT SEPARATING TURBINE ACCELERATOR**

[54] **ACCELERATEUR CYCLONIQUE DE SEPARATION D'IMPURETES POUR TURBINE**

[72] MANNING, ROBERT FRANCIS, US

[72] CORREIA, VICTOR HUGO SILVA, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-09-03

[86] 2014-02-21 (PCT/US2014/017605)

[87] (WO2014/149353)

[30] US (13/836,737) 2013-03-15

[21] **2,903,999**
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01)**

[25] EN

[54] **APPARATUS FOR SPINAL FIXATION AND METHODS OF USE**

[54] **APPAREIL DE FIXATION SPINALE ET PROCEDES D'UTILISATION**

[72] BLAIN, JASON, US

[72] MARTIN, GREG, US

[71] SPINAL ELEMENTS, INC., US

[85] 2015-09-03

[86] 2014-02-28 (PCT/US2014/019302)

[87] (WO2014/158690)

[30] US (13/804,407) 2013-03-14

[21] **2,904,000**
[13] A1

[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/172 (2006.01) A61M 36/06 (2006.01) F04B 43/00 (2006.01) F04B 49/06 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR DOSING CONTROL IN AN AUTOMATED FLUID DELIVERY SYSTEM**

[54] **METHODES ET SYSTEMES DE COMMANDE DE DOSAGE DANS UN SYSTEME DE DISTRIBUTION DE FLUIDE AUTOMATISE**

[72] MARSH, CHARLES, US

[72] MCCUTCHAN, LARRY, US

[71] BAYER MEDICAL CARE INC., US

[85] 2015-09-03

[86] 2014-02-28 (PCT/US2014/019430)

[87] (WO2014/137809)

[30] US (13/784,615) 2013-03-04

[21] **2,904,001**
[13] A1

[51] **Int.Cl. C12N 15/86 (2006.01) A61K 48/00 (2006.01) C12N 15/12 (2006.01)**

[25] EN

[54] **CYTOMEGALOVIRUS VECTORS ENABLING CONTROL OF T CELL TARGETING**

[54] **VECTEURS CYTOMEGALOVIRUS PERMETTANT LA COMMANDE DU CIBLAGE DE LYMPHOCYTE T**

[72] PICKER, LOUIS, US

[72] HANSEN, SCOTT, US

[72] FRUEH, KLAUS, US

[72] MALOULI, DANIEL, US

[71] OREGON HEALTH & SCIENCE UNIVERSITY, US

[85] 2015-09-03

[86] 2014-03-05 (PCT/US2014/020690)

[87] (WO2014/138209)

[30] US (61/772,962) 2013-03-05

[21] **2,904,002**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01)**

[25] EN

[54] **ROOT-PREFERRED PROMOTER AND METHODS OF USE**

[54] **PROMOTEUR DESTINE DE PREFERENCE AUX RACINES ET PROCEDES D'UTILISATION**

[72] CROW, ANDREW C., US

[72] DIEHN, SCOTT, US

[72] PETERSON-BURCH, BROOKE, US

[71] PIONEER HI-BRED INTERNATIONAL, INC., US

[85] 2015-09-03

[86] 2014-03-07 (PCT/US2014/022008)

[87] (WO2014/159113)

[30] US (13/794,917) 2013-03-12

[21] **2,904,003**
[13] A1

[51] **Int.Cl. F16K 41/10 (2006.01) F16K 1/226 (2006.01)**

[25] EN

[54] **ROTARY SHAFT SEALS**

[54] **JOINTS D'ETANCHEITE D'ARBRE ROTATIF**

[72] JACKSON, TRENTON FRANK, US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2015-09-03

[86] 2014-03-10 (PCT/US2014/022248)

[87] (WO2014/150109)

[30] US (13/830,434) 2013-03-14

[21] **2,904,004**
[13] A1

[51] **Int.Cl. A61M 16/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **VENTILATION MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE VENTILATION**

[72] STEINHAEUER, TOM, US

[72] LAM, WILLIS, US

[72] ROGERS, MARK, US

[72] BLANSFIELD, TERRY, US

[72] BIRCH, STEPHEN J., US

[71] CAREFUSION 303, INC., US

[85] 2015-09-03

[86] 2013-09-03 (PCT/US2013/057860)

[87] (WO2014/143151)

[30] US (13/830,730) 2013-03-14

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[21] **2,904,005**
[13] A1

[51] **Int.Cl. A61B 17/3205 (2006.01) A61B 17/00 (2006.01) A61B 18/00 (2006.01) A61B 18/14 (2006.01)**

[25] EN

[54] **RESECTION DEVICE AND RELATED METHODS OF USE**

[54] **DISPOSITIF DE RESECTION ET PROCEDES D'UTILISATION ASSOCIES**

[72] SMITH, PAUL, US

[72] RAYBIN, SAMUEL, US

[72] SUON, NAROUN, US

[71] BOSTON SCIENTIFIC SCIMED, INC., US

[85] 2015-09-03

[86] 2014-03-05 (PCT/US2014/020791)

[87] (WO2014/164137)

[30] US (61/776,502) 2013-03-11

[21] **2,904,006**
[13] A1

[51] **Int.Cl. F16K 1/42 (2006.01) F16K 3/24 (2006.01)**

[25] EN

[54] **VALVE SEAT APPARATUS FOR USE WITH FLUID VALVES**

[54] **APPAREIL A SIEGE DE CLAPET DESTINE A ETRE UTILISE AVEC DES CLAPETS A FLUIDE**

[72] BELL, BRANDON WAYNE, US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2015-09-03

[86] 2014-03-10 (PCT/US2014/022251)

[87] (WO2014/159154)

[30] US (13/828,539) 2013-03-14

[21] **2,904,007**
[13] A1

[51] **Int.Cl. A47J 37/07 (2006.01) F23D 14/10 (2006.01) F23D 23/00 (2006.01)**

[25] EN

[54] **THIN PROFILE MULTI-TUBE BURNER FOR GAS GRILL**

[54] **BRULEUR A TUBES MULTIPLES A PROFIL MINCE POUR GRIL A GAZ**

[72] AHMED, MALLIK R., US

[71] CHAR-BROIL, LLC, US

[85] 2015-09-03

[86] 2014-03-05 (PCT/US2014/020884)

[87] (WO2014/138294)

[30] US (61/772,828) 2013-03-05

[21] **2,904,008**
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/28 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **METHODS OF CHARACTERIZING EARTH FORMATIONS USING PHYSIOCHEMICAL MODEL**

[54] **PROCEDES DE CARACTERISATION DE FORMATIONS TERRESTRES A L'AIDE D'UN MODELE PHYSICO-CHIMIQUE**

[72] RAMAKRISHNAN, TERIZHANDUR S., US

[72] ALTUNDAS, YUSUF BILGIN, US

[72] CHUGUNOV, NIKITA, US

[72] DE LOUBENS, ROMAIN, FR

[72] FAYARD, FRANCOIS B., US

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2015-09-03

[86] 2013-10-04 (PCT/US2013/063425)

[87] (WO2014/143166)

[30] US (61/790,398) 2013-03-15

[21] **2,904,010**
[13] A1

[51] **Int.Cl. E01F 3/00 (2006.01)**

[25] EN

[54] **HELIPORT**

[54] **HELIPORT**

[72] BRODY, DAVID E., US

[71] XTI AIR TRANSIT, INC., US

[85] 2015-09-03

[86] 2014-02-28 (PCT/US2014/019505)

[87] (WO2014/137822)

[30] US (61/773,544) 2013-03-06

[21] **2,904,011**
[13] A1

[51] **Int.Cl. C07H 21/00 (2006.01)**

[25] EN

[54] **SYNTHETIC POLYMERS CONTAINING AMINO ACID SIDE CHAINS**

[54] **POLYMERES SYNTHETIQUES CONTENANT DES CHAINES LATERALES D'AMINOACIDES**

[72] THOMPSON, THERESA, US

[71] CHIMEROCHEM LLC, US

[85] 2015-09-03

[86] 2014-03-06 (PCT/US2014/021076)

[87] (WO2014/158954)

[30] US (61/786,302) 2013-03-14

[21] **2,904,012**
[13] A1

[51] **Int.Cl. B65D 43/02 (2006.01) B65D 65/46 (2006.01)**

[25] EN

[54] **PAPER CLOSURES AND PAPER CONTAINERS**

[54] **FERMETURES EN PAPIER ET RECEPTACLES EN PAPIER**

[72] WEST, ELLERY, US

[72] WEST, GAIL, US

[71] WEST, ELLERY, US

[71] WEST, GAIL, US

[85] 2015-09-03

[86] 2014-01-14 (PCT/US2014/011527)

[87] (WO2014/110592)

[30] US (61/752,317) 2013-01-14

[21] **2,904,013**
[13] A1

[51] **Int.Cl. G06F 3/0338 (2013.01) G06F 3/041 (2006.01)**

[25] EN

[54] **MECHANICAL ACTUATOR APPARATUS FOR A TOUCH SENSING SURFACE OF AN ELECTRONIC DEVICE**

[54] **APPAREIL D'ACTIONNEUR MECANIQUE POUR UNE SURFACE TACTILE D'UN DISPOSITIF ELECTRONIQUE**

[72] PETERSEN, DARREN C., US

[71] PETERSEN, DARREN C., US

[85] 2015-09-03

[86] 2014-03-02 (PCT/US2014/019755)

[87] (WO2014/137851)

[30] US (13/789,787) 2013-03-08

Demandes PCT entrant en phase nationale

[21] **2,904,014**
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01)**

[25] EN

[54] **MODIFIED T LYMPHOCYTES HAVING IMPROVED SPECIFICITY**

[54] **LYMPHOCYTES T MODIFIES AYANT UNE SPECIFICITE AMELIOREE**

[72] LIANG, BITAO, US

[72] ABBOT, STEWART, US

[72] LIU, WEI, US

[71] ANTHROGENESIS CORPORATION, US

[85] 2015-09-03

[86] 2014-02-06 (PCT/US2014/015113)

[87] (WO2014/124143)

[30] US (61/761,548) 2013-02-06

[21] **2,904,015**
[13] A1

[51] **Int.Cl. G06F 3/0338 (2013.01) G06F 3/041 (2006.01)**

[25] EN

[54] **MECHANICAL ACTUATOR APPARATUS FOR A TOUCHSCREEN**

[54] **APPAREIL D'ACTIONNEUR MECANIQUE POUR UN ECRAN TACTILE**

[72] PETERSEN, DARREN C., US

[71] PETERSEN, DARREN C., US

[85] 2015-09-03

[86] 2014-03-02 (PCT/US2014/019756)

[87] (WO2014/137852)

[30] US (13/789,807) 2013-03-08

[21] **2,904,016**
[13] A1

[51] **Int.Cl. C01G 23/047 (2006.01) C09C 1/36 (2006.01) C09C 3/10 (2006.01)**

[25] EN

[54] **TITANIUM DIOXIDE PIGMENT AND MANUFACTURING METHOD**

[54] **PIGMENT DE DIOXYDE DE TITANE ET PROCEDE DE FABRICATION**

[72] GOPARAJU, VENKATA RAMA RAO, US

[72] MARSHALL, DAVID FRANK, US

[71] TRONOX LLC, US

[85] 2015-09-03

[86] 2014-03-10 (PCT/US2014/022325)

[87] (WO2014/150128)

[30] US (13/840,520) 2013-03-15

[21] **2,904,017**
[13] A1

[51] **Int.Cl. A61M 39/02 (2006.01)**

[25] EN

[54] **AUTOMATIC ANGLED INFUSION SET ASSEMBLY**

[54] **ENSEMBLE DE TUBULURE DE PERFUSION COUDEE AUTOMATIQUE**

[72] COLE, RUSSELL, US

[72] BENE, ERIC, US

[72] SCHOONMAKER, RYAN, US

[72] ROSEN, MELISSA, US

[72] BRUEHWILER, MICHEL, US

[72] CONSTANTINEAU, COLE, US

[72] YASEVAC, DANIEL, US

[72] WALISH, JUDY, US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2015-09-03

[86] 2014-02-14 (PCT/US2014/016510)

[87] (WO2014/143496)

[30] US (13/842,866) 2013-03-15

[21] **2,904,018**
[13] A1

[51] **Int.Cl. B04B 1/04 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **CENTRIFUGE LOADING APPARATUS, SYSTEMS, AND METHODS**

[54] **APPAREIL, SYSTEMES ET PROCEDES DE CHARGEMENT DE CENTRIFUGEUSE**

[72] MILLER, KERRY, US

[72] SPARKS, STEVEN, US

[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US

[85] 2015-09-03

[86] 2014-03-10 (PCT/US2014/022485)

[87] (WO2014/164459)

[30] US (61/776,100) 2013-03-11

[21] **2,904,019**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) C07C 27/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR GENERATING CARBON DIOXIDE FOR USE AS A REFORMING OXIDANT IN MAKING SYNGAS**

[54] **SYSTEMES ET PROCEDES POUR GENERER DU DIOXYDE DE CARBONE A UTILISER COMME OXYDANT DE REFORMAGE DANS LA PRODUCTION DE GAZ DE SYNTHESE**

[72] MEISSNER, DAVID C., US

[72] STUBBING, MATTHEW C., US

[72] METIUS, GARY E., US

[71] MIDREX TECHNOLOGIES, INC., US

[85] 2015-09-03

[86] 2014-03-11 (PCT/US2014/022945)

[87] (WO2014/164592)

[30] US (61/777,264) 2013-03-12

[30] US (14/195,521) 2014-03-03

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[21] **2,904,020**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01) G01N 33/483 (2006.01)**

[25] EN

[54] **IMPROVED METHODS FOR CONDUCTING MULTIPLEXED ASSAYS**

[54] **PROCEDES AMELIORES POUR CONDUIRE DES DOSAGES MULTIPLEXES**

[72] GLEZER, ELI N., US

[72] KUMAR, SUDEEP, US

[72] OBEROI, PANKAJ, US

[72] SIGAL, GEORGE, US

[72] TSIONSKY, MICHAEL, US

[71] MESO SCALE TECHNOLOGIES, LLC., US

[85] 2015-09-03

[86] 2014-03-11 (PCT/US2014/022948)

[87] (WO2014/164594)

[30] US (61/775,860) 2013-03-11

[30] US (61/778,727) 2013-03-13

[21] **2,904,021**
[13] A1

[51] **Int.Cl. A23L 1/09 (2006.01) A61K 31/70 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **USE OF SPECIFIC CARBOHYDRATE SYSTEMS DURING PREGNANCY FOR PREVENTING FAT ACCUMULATION IN PREGNANT WOMEN**

[54] **UTILISATION DE SYSTEMES GLUCIDIQUES SPECIFIQUES PENDANT LA GROSSESSE POUR LA PREVENTION DE L'ACCUMULATION DE GRAISSE CHEZ LES FEMMES ENCEINTES**

[72] PEDROSA, JOSE MARIA LOPEZ, ES

[72] MARTIN, MANUEL CRISTOBAL MANZANO, ES

[72] VARGAS, MARIA DEL PILAR BUENO, ES

[72] CABRERA, RICARDO RUEDA, ES

[71] ABBOTT LABORATORIES, US

[85] 2015-09-03

[86] 2014-03-11 (PCT/US2014/023007)

[87] (WO2014/150351)

[30] EP (13382090.2) 2013-03-15

[21] **2,904,022**
[13] A1

[51] **Int.Cl. C12N 9/34 (2006.01)**

[25] EN

[54] **GLUCOAMYLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**

[54] **VARIANTS DE GLUCOAMYLASE ET POLYNUCLEOTIDES CODANT POUR CES DERNIERS**

[72] TSUTSUMI, NORIKO, JP

[72] AYABE, KEIICHI, JP

[72] KISHISHITA, SIIK, DK

[71] NOVOZYMES A/S, DK

[85] 2015-09-03

[86] 2014-04-29 (PCT/EP2014/058692)

[87] (WO2014/177546)

[30] EP (13165995.5) 2013-04-30

[21] **2,904,023**
[13] A1

[51] **Int.Cl. H04W 28/12 (2009.01) H04W 28/02 (2009.01) H04W 28/08 (2009.01) H04W 76/02 (2009.01)**

[25] EN

[54] **SENDING DATA RATE INFORMATION TO A WIRELESS ACCESS NETWORK NODE**

[54] **ENVOI D'INFORMATIONS DE DEBIT DE DONNEES A UN NœUD DE RESEAU D'ACCES SANS FIL**

[72] BLANKENSHIP, YUFEI WU, US

[72] CAI, ZHIJUN, US

[72] SONG, YI, US

[72] GAO, SHIWEI, CA

[71] BLACKBERRY LIMITED, CA

[85] 2015-09-03

[86] 2014-03-06 (PCT/US2014/021194)

[87] (WO2014/138395)

[30] US (13/789,931) 2013-03-08

[21] **2,904,024**
[13] A1

[51] **Int.Cl. B24B 47/22 (2006.01) B24B 9/14 (2006.01)**

[25] FR

[54] **DEVICE FOR CUTTING AN OPHTHALMIC LENS**

[54] **DISPOSITIF DE DETOURAGE DE LENTILLES OPHTALMIQUES**

[72] NAUCHE, MICHEL, FR

[72] GEYSELS, LAURENT, FR

[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR

[85] 2015-09-03

[86] 2014-02-25 (PCT/FR2014/050406)

[87] (WO2014/135761)

[30] FR (1352114) 2013-03-08

[21] **2,904,025**
[13] A1

[51] **Int.Cl. E01B 23/10 (2006.01) B66C 7/08 (2006.01)**

[25] EN

[54] **RAIL SYSTEM FOR JACKING TOWER**

[54] **SYSTEME DE RAILS POUR TOUR DE LEVAGE**

[72] YUSTUS, JOE, US

[72] JONES, MARCUS, US

[71] KONECRANES PLC, FI

[85] 2015-09-03

[86] 2014-03-11 (PCT/IB2014/000294)

[87] (WO2014/140726)

[30] US (13/797,904) 2013-03-12

[21] **2,904,026**
[13] A1

[51] **Int.Cl. C07H 21/04 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **ALKALINE ACTIVATION FOR IMMOBILIZATION OF DNA TAGGANTS**

[54] **ACTIVATION ALCALINE PERMETTANT L'IMMOBILISATION DE TRACEURS ADN**

[72] BERRADA, ABDELKRIM, US

[72] LIANG, BENJAMIN MINGHWA, US

[72] JUNG, LAWRENCE, US

[72] JENSEN, KURT, US

[71] APPLIED DNA SCIENCES INC., US

[85] 2015-09-03

[86] 2014-03-06 (PCT/US2014/021207)

[87] (WO2015/002677)

[30] US (13/789,093) 2013-07-03

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[21] **2,904,029**
[13] A1

[51] **Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01)**

[25] EN

[54] **MODULAR GLENOID BASE PLATE WITH AUGMENTS**

[54] **PLAQUE DE BASE GLENOIDE MODULAIRE AVEC DES AUGMENTATIONS**

[72] WINSLOW, NATHAN A., US

[72] TELKA, ANDREW MATTHEW, US

[72] SMITS, AARON, US

[72] MCDANIEL, JOHN M., US

[71] BIOMET MANUFACTURING, LLC, US

[85] 2015-09-03

[86] 2014-03-06 (PCT/US2014/021281)

[87] (WO2014/138424)

[30] US (61/775,119) 2013-03-08

[30] US (14/028,930) 2013-09-17

[21] **2,904,032**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/5377 (2006.01) A61K 35/00 (2006.01) A61K 47/14 (2006.01)**

[25] EN

[54] **FORMULATIONS OF ORGANIC COMPOUNDS**

[54] **FORMULATIONS DE COMPOSES ORGANIQUES**

[72] KOCHHAR, CHARU, CH

[72] QUINTON, JACQUES, CH

[71] NOVARTIS AG, CH

[85] 2015-09-03

[86] 2014-03-04 (PCT/IB2014/059424)

[87] (WO2014/136048)

[30] US (61/773,492) 2013-03-06

[21] **2,904,035**
[13] A1

[51] **Int.Cl. C07K 14/525 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **TNF ALPHA INHIBITOR POLYPEPTIDES, POLYNUCLEOTIDES ENCODING SAME, CELLS EXPRESSING SAME AND METHODS OF PRODUCING SAME**

[54] **POLYPEPTIDES INHIBITEURS DE TNF ALPHA, POLYNUCLEOTIDES CODANT POUR CEUX-CI, CELLULES EXPRIMANT CEUX-CI ET LEURS PROCEDES DE PRODUCTION**

[72] SHAALTIEL, YOSEPH, IL

[72] HANANIA, URI, IL

[72] KIZHNER, TAL, IL

[72] ARIEL, TAMI, IL

[72] GINGIS-VELITSKI, SVETLANA, IL

[71] PROTALIX LTD., IL

[85] 2015-09-03

[86] 2014-03-06 (PCT/IL2014/050228)

[87] (WO2014/136114)

[30] US (61/773,431) 2013-03-06

[30] US (61/773,401) 2013-03-06

[21] **2,904,036**
[13] A1

[51] **Int.Cl. B32B 7/10 (2006.01) B32B 33/00 (2006.01) B32B 37/26 (2006.01) F16L 59/00 (2006.01)**

[25] EN

[54] **REFLECTIVE INSULATION**

[54] **ISOLATION REFLECHISSANTE**

[72] ENNIS, DERMOT JOSEPH, US

[72] FERRERO, TERRY, US

[71] INTERNATIONAL INSULATION PRODUCTS LLC, US

[85] 2015-09-03

[86] 2014-02-27 (PCT/US2014/018824)

[87] (WO2014/137715)

[30] US (61/772,013) 2013-03-04

[21] **2,904,037**
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01) A61G 12/00 (2006.01) E05B 47/02 (2006.01) E05B 65/46 (2006.01)**

[25] EN

[54] **DRAWER LOCKING MECHANISM AND MOBILE CART FOR DISPENSING MEDICINE COMPRISING THE SAME**

[54] **MECANISME DE VERROUILLAGE DE TIROIR ET CHARIOT MOBILE POUR DISTRIBUER DES MEDICAMENTS LE COMPRENANT**

[72] BOYD, JAMES S., US

[71] SCOTT-CLARK, L.P., US

[85] 2015-09-03

[86] 2014-03-03 (PCT/US2014/019856)

[87] (WO2014/137888)

[30] US (61/772,308) 2013-03-04

[21] **2,904,038**
[13] A1

[51] **Int.Cl. C12P 7/64 (2006.01)**

[25] EN

[54] **PRODUCTION OF OMEGA-3 FATTY ACIDS FROM PYTHIUM SPECIES**

[54] **PRODUCTION D'ACIDES GRAS OMEGA-3 A PARTIR D'ESPECES DE PYTHIUM**

[72] ROE, CHARLES L., US

[72] WYNN, JAMES P., US

[71] ALGISYS, LLC, US

[85] 2015-09-03

[86] 2014-03-03 (PCT/US2014/019882)

[87] (WO2014/137894)

[30] US (13/788,372) 2013-03-07

PCT Applications Entering the National Phase

[21] **2,904,039**
[13] A1

[51] **Int.Cl. B01J 20/20 (2006.01) B01D 53/02 (2006.01) B01D 53/10 (2006.01) B01J 20/32 (2006.01) C01B 31/08 (2006.01)**

[25] EN

[54] **ACTIVATED CARBON SORBENT INCLUDING NITROGEN AND METHODS OF USING THE SAME**

[54] **SORBANT DE CHARBON ACTIF COMPRENANT DE L'AZOTE ET SES PROCEDES D'UTILISATION**

[72] OLSON, EDWIN S., US

[72] PAVLISH, JOHN HENRY, US

[71] ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION, US

[85] 2015-09-03

[86] 2014-03-03 (PCT/US2014/019916)

[87] (WO2014/137907)

[30] US (61/773,549) 2013-03-06

[21] **2,904,040**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY OF AN AFUCOSYLATED CD20 ANTIBODY WITH A CD22 ANTIBODY-DRUG CONJUGATE**

[54] **POLYTHERAPIE D'UN ANTICORPS AFUCOSYLE ANTI-CD20 AVEC UN CONJUGUE ANTICORPS ANTI-CD22-MEDICAMENT**

[72] KLEIN, CHRISTIAN, CH

[72] LANG, SABINE, CH

[72] POLSON, ANDREW G., US

[72] UMANA, PABLO, CH

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-09-03

[86] 2014-04-30 (PCT/EP2014/058831)

[87] (WO2014/177617)

[30] US (61/818,810) 2013-05-02

[21] **2,904,043**
[13] A1

[51] **Int.Cl. B64C 1/18 (2006.01) B64D 45/02 (2006.01) H02G 3/04 (2006.01)**

[25] EN

[54] **AIRCRAFT FLOOR INCORPORATING A GROUND PLANE**

[54] **PLANCHER D'AERONEF INCORPORANT UN PLAN DE MASSE**

[72] ROBOREL DE CLIMENS, LODY, CA

[72] DESY, PHILIPPE, CA

[72] GAUDREAU, JEAN-GUY, CA

[71] BOMBARDIER INC., CA

[85] 2015-09-03

[86] 2014-02-26 (PCT/IB2014/000209)

[87] (WO2014/135943)

[30] US (61/773,441) 2013-03-06

[21] **2,904,044**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01) C07K 5/06 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **PYRROLOBENZODIAZEPINES AND CONJUGATES THEREOF**

[54] **PYRROLOBENZODIAZEPINES ET LEURS CONJUGUES**

[72] HOWARD, PHILIP WILSON, GB

[72] FLYGARE, JOHN A., US

[72] PILLOW, THOMAS, US

[72] WEI, BINQING, US

[71] MEDIMMUNE LIMITED, GB

[85] 2015-09-03

[86] 2014-03-13 (PCT/IB2014/001029)

[87] (WO2014/140862)

[30] US (61/778,777) 2013-03-13

[30] US (61/856,351) 2013-07-19

[21] **2,904,045**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/24 (2006.01) A61K 9/28 (2006.01) A61K 9/50 (2006.01) A61K 31/09 (2006.01) A61K 31/216 (2006.01)**

[25] EN

[54] **BENZONATATE MODIFIED RELEASE SOLID TABLETS AND CAPSULES**

[54] **COMPRIMES ET CAPSULES SOLIDES A LIBERATION MODIFIEE DE BENZONATATE**

[72] NELSON, ANDREA, US

[72] CHEN, QUIN-ZENE, US

[72] MEHTA, HARSH, US

[72] TU, YU-HSING, US

[71] TRIS PHARMA, INC., US

[85] 2015-09-03

[86] 2014-03-11 (PCT/US2014/023106)

[87] (WO2014/159340)

[30] US (61/780,689) 2013-03-13

[30] US (61/872,019) 2013-08-30

[21] **2,904,046**
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/196 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **MATERIALS AND METHODS FOR IMPROVING LUNG FUNCTION AND FOR PREVENTION AND/OR TREATMENT OF RADIATION-INDUCED LUNG COMPLICATIONS**

[54] **MATIERES ET PROCEDES POUR AMELIORER UNE FONCTION PULMONAIRE ET POUR PREVENIR ET/OU TRAITER DES COMPLICATIONS PULMONAIRES INDUITES PAR RAYONNEMENT**

[72] VIDYASAGAR, SADASIVAN, US

[72] OKUNIEFF, PAUL, US

[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US

[85] 2015-09-03

[86] 2014-03-11 (PCT/US2014/023363)

[87] (WO2014/164736)

[30] US (61/775,754) 2013-03-11

Demandes PCT entrant en phase nationale

[21] **2,904,047**
[13] A1

[51] **Int.Cl. E21B 17/046 (2006.01) E21B 17/05 (2006.01)**
[25] EN
[54] **UP-HOLE BUSHING AND CORE BARREL HEAD ASSEMBLY COMPRISING SAME**
[54] **DOUILLE POUR FORATION MONTANTE ET ENSEMBLE TETE DE CAROTTIER LA COMPORTANT**
[72] IONDOV, GEORGE, CA
[71] LONGYEAR TM, INC., US
[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/023405)
[87] (WO2014/159395)
[30] US (13/803,820) 2013-03-14

[21] **2,904,048**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/407 (2006.01) A61K 31/437 (2006.01) A61K 31/5025 (2006.01) A61K 31/519 (2006.01) A61P 13/00 (2006.01) A61P 15/06 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **BROMODOMAIN INHIBITORS**
[54] **INHIBITEURS DE BROMODOMAINE**
[72] HASVOLD, LISA A., US
[72] LIU, DACHUN, US
[72] PRATT, JOHN K., US
[72] SHEPPARD, GEORGE S., US
[72] MCDANIEL, KEITH F., US
[72] WADA, CAROL K., US
[72] WOLLER, KEVIN R., US
[71] ABBVIE INC., US
[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/023437)
[87] (WO2014/164771)
[30] US (61/776,530) 2013-03-11

[21] **2,904,049**
[13] A1

[51] **Int.Cl. C07D 471/12 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 471/22 (2006.01)**
[25] EN
[54] **FUSED TETRACYCLIC BROMODOMAIN INHIBITORS**
[54] **INHIBITEURS DE BROMODOMAINE TETRACYCLIQUES DE FUSION**
[72] LIU, DACHUN, US
[72] PRATT, JOHN K., US
[72] WANG, LE, US
[72] HASVOLD, LISA A., US
[72] BOGDAN, ANDREW, US
[71] ABBVIE INC., US
[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/023463)
[87] (WO2014/164780)
[30] US (61/776,547) 2013-03-11

[21] **2,904,050**
[13] A1

[51] **Int.Cl. F16D 57/00 (2006.01) F16F 9/12 (2006.01) F16F 9/512 (2006.01)**
[25] EN
[54] **VIBRATION DAMPING DEVICE**
[54] **DISPOSITIF D'AMORTISSEMENT DE VIBRATION**
[72] MCNEELY, MICHAEL, US
[71] PENTAIR FLOW SERVICES AG, CH
[85] 2015-09-03
[86] 2014-03-06 (PCT/US2014/021316)
[87] (WO2014/138438)
[30] US (61/773,458) 2013-03-06
[30] US (14/198,401) 2014-03-05
[30] US (14/198,345) 2014-03-05
[30] US (14/198,373) 2014-03-05

[21] **2,904,051**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF CONCEPTS AND ASSOCIATED PROCESSING**
[54] **IDENTIFICATION DE CONCEPTS ET TRAITEMENT ASSOCIE**
[72] PASIK, ALEXANDER J., US
[72] GRIFFIN, THOMAS PATRICK, US
[71] THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC., US
[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/023224)
[87] (WO2014/164688)
[30] US (13/801,068) 2013-03-13

[21] **2,904,052**
[13] A1

[51] **Int.Cl. A61K 31/4709 (2006.01) A61P 7/10 (2006.01) C07D 215/26 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **METHODS OF TREATING B2-BRADYKININ RECEPTOR MEDIATED ANGIOEDEMA**
[54] **METHODES DE TRAITEMENT DE L'ŒDEME DE QUINCKE INDUIT PAR LE RECEPTEUR DE LA BRADYKININE DU TYPE B2**
[72] LEACH, KEVIN, US
[72] WRIGHT, TERESA, US
[72] FELICE, BRIAN, US
[72] PFEIFER, RICHARD, US
[72] CALIAS, PERICLES, US
[72] MCCAULEY, THOMAS, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024540)
[87] (WO2014/159637)
[30] US (61/786,126) 2013-03-14

[21] **2,904,053**
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/751 (2013.01) H04L 12/801 (2013.01) H04L 12/12 (2006.01) H04L 12/18 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE COMMUNICATION METHOD**
[54] **PROCEDE DE COMMUNICATION DE DISPOSITIF MEDICAL**
[72] JHA, PRAKASH K., US
[72] CUDNEY, JAMES, US
[72] HERR, BENJAMIN, US
[72] LEE, MARK I., US
[72] PICINICH, MATTEO D., US
[71] HOSPIRA, INC., US
[85] 2015-09-03
[86] 2014-03-06 (PCT/US2014/021335)
[87] (WO2014/138446)
[30] US (61/773,647) 2013-03-06
[30] US (14/198,807) 2014-03-06

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[21] **2,904,054**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **DEUTERATED PALBOCICLIB**
[54] **PALBOCICLIB DEUTERE**
[72] MORGAN, ADAM J., US
[71] CONCERT PHARMACEUTICALS, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024564)
[87] (WO2014/150925)
[30] US (61/787,540) 2013-03-15

[21] **2,904,055**
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC DOSING OF A NEUREGULIN OR A FRAGMENT THEREOF FOR TREATMENT OR PROPHYLAXIS OF HEART FAILURE**
[54] **DOSAGE THERAPEUTIQUE D'UNE NEUREGULINE OU D'UN FRAGMENT ASSOCIE POUR LE TRAITEMENT OU LA PROPHYLAXIE DE L'INSUFFISANCE CARDIAQUE**
[72] CAGGIANO, ANTHONY O., US
[72] GANGULY, ANINDITA, US
[72] IACI, JENNIFER, US
[72] PARRY, TOM, US
[71] ACORDA THERAPEUTICS, INC., US
[85] 2015-09-03
[86] 2014-03-06 (PCT/US2014/021446)
[87] (WO2014/138502)
[30] US (61/773,538) 2013-03-06
[30] US (61/774,553) 2013-03-07
[30] US (61/900,142) 2013-11-05

[21] **2,904,056**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **INTERACTIVE ELEMENTS FOR LAUNCHING FROM A USER INTERFACE**
[54] **ELEMENTS INTERACTIFS POUR LANCEMENT A PARTIR D'UNE INTERFACE UTILISATEUR**
[72] FLYNN, WILLIAM JOSEPH, III, US
[71] FACEBOOK, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024654)
[87] (WO2014/150963)
[30] US (13/842,316) 2013-03-15

[21] **2,904,057**
[13] A1

[51] **Int.Cl. G21B 3/00 (2006.01)**
[25] EN
[54] **LOCALISED ENERGY CONCENTRATION**
[54] **CONCENTRATION D'ENERGIE LOCALISEE**
[72] VENTIKOS, YIANNIS, GB
[72] HAWKER, NICHOLAS, GB
[72] BETNEY, MATTHEW, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 2015-09-02
[86] 2014-03-06 (PCT/GB2014/050661)
[87] (WO2014/135880)
[30] GB (1304047.2) 2013-03-06

[21] **2,904,058**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01) D04B 1/00 (2006.01) D04B 21/00 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE AND METHOD OF DELIVERING THE MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL ET PROCEDE D'IMPLANTATION DU DISPOSITIF MEDICAL**
[72] PEREIRA, PETER J., US
[72] GODDARD, JAMES M., US
[72] CHU, MICHAEL S.H., US
[72] FLYNN, KENNETH M., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024804)
[87] (WO2014/165211)
[30] US (61/779,523) 2013-03-13
[30] US (61/891,186) 2013-10-15
[30] US (14/204,985) 2014-03-11

[21] **2,904,059**
[13] A1

[51] **Int.Cl. C01B 31/02 (2006.01)**
[25] EN
[54] **GRAPHENE ENTRAINMENT IN A HOST**
[54] **ENTRAINEMENT DE GRAPHENE DANS UN HOTE**
[72] STOLTZ, RICHARD, US
[72] BULLINGTON, JEFF, US
[71] GARMOR, INC., US
[85] 2015-09-03
[86] 2014-03-07 (PCT/US2014/021765)
[87] (WO2014/138587)
[30] US (61/775,071) 2013-03-08
[30] US (61/775,024) 2013-03-08
[30] US (61/775,087) 2013-03-08
[30] US (61/775,099) 2013-03-08
[30] US (61/775,113) 2013-03-08
[30] US (61/788,247) 2013-03-15

[21] **2,904,060**
[13] A1

[51] **Int.Cl. G21B 3/00 (2006.01)**
[25] EN
[54] **LOCALISED ENERGY CONCENTRATION**
[54] **CONCENTRATION D'ENERGIE LOCALISEE**
[72] VENTIKOS, YIANNIS, GB
[72] HAWKER, NICHOLAS, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 2015-09-02
[86] 2014-03-06 (PCT/GB2014/050663)
[87] (WO2014/135881)
[30] GB (1304046.4) 2013-03-06

[21] **2,904,061**
[13] A1

[51] **Int.Cl. D04H 1/54 (2012.01) D06M 13/184 (2006.01)**
[25] EN
[54] **DISPERSIBLE FIBER BUNDLES AND SUSPENSIONS USING ENVIRONMENTALLY-FRIENDLY SOLVENTS**
[54] **FAISCEAUX ET SUSPENSIONS DE FIBRES DISPERSABLES UTILISANT DES SOLVANTS ECOLOGIQUES**
[72] SEHGAL, ARMIT, US
[72] AYMES, CHARLES, US
[72] KESAVAN, SUBRAMANIAN, US
[72] LANGLOIS, BRUNO, FR
[71] RHODIA OPERATIONS, FR
[85] 2015-09-03
[86] 2014-03-07 (PCT/US2014/021770)
[87] (WO2014/138588)
[30] US (61/774,956) 2013-03-08

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[21] **2,904,062**
[13] A1

[51] **Int.Cl. G01T 7/00 (2006.01)**
[25] EN
[54] **RADIATION DETECTION DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE RAYONNEMENT**
[72] SCOTT, THOMAS, GB
[72] MACFARLANE, JAMES, GB
[71] THE UNIVERSITY OF BRISTOL, GB
[85] 2015-09-02
[86] 2014-03-07 (PCT/GB2014/050676)
[87] (WO2014/140536)
[30] GB (1304335.1) 2013-03-11

[21] **2,904,064**
[13] A1

[51] **Int.Cl. G09B 9/02 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **MOTION PLATFORM CONFIGURATION**
[54] **CONFIGURATION DE PLATEFORME MOBILE**
[72] SYWAK, STEPHEN ALAN, US
[71] OCEANEERING INTERNATIONAL, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024854)
[87] (WO2014/151056)
[30] US (61/799,146) 2013-03-15

[21] **2,904,067**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **COMPRESSIBLE WOUND FILLERS AND SYSTEMS AND METHODS OF USE IN TREATING WOUNDS WITH NEGATIVE PRESSURE**
[54] **PRODUITS COMPRESSIBLES DE REMPLISSAGE DE PLAIES, ET SYSTEMES ET PROCEDES D'UTILISATION POUR TRAITER DES PLAIES A L'AIDE D'UNE PRESSION NEGATIVE**
[72] HARTWELL, EDWARD YERBURY, GB
[72] HICKS, JOHN KENNETH, GB
[72] SAXBY, CARL, GB
[72] HUDDLESTON, ELIZABETH MARY, GB
[72] HOGGARTH, JOHN CHRISTIAN, GB
[72] STERN, TIM, GB
[72] LINTON, ANDREW, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2015-09-02
[86] 2014-03-13 (PCT/GB2014/050746)
[87] (WO2014/140578)
[30] US (61/784,868) 2013-03-14

[21] **2,904,068**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DELIVERING AN OCULAR IMPLANT TO THE SUPRACHOROIDAL SPACE WITHIN AN EYE**
[54] **SYSTEMES ET PROCEDES POUR METTRE EN PLACE UN IMPLANT OCULAIRE DANS L'ESPACE SUPRA-CHOROÏDIEN DANS UN**
□ **IL**
[72] RANGEL-FRIEDMAN, GARY, US
[72] HAFFNER, DAVID S., US
[71] GLAUKOS CORPORATION, US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024889)
[87] (WO2014/151070)
[30] US (61/790,759) 2013-03-15

[21] **2,904,073**
[13] A1

[51] **Int.Cl. B01F 7/00 (2006.01) A61B 17/88 (2006.01) B01F 13/00 (2006.01) B01F 15/00 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR MIXING AND DELIVERING BONE CEMENT**
[54] **APPAREIL PERMETTANT DE MELANGER ET D'ADMINISTRER DU CIMENT OSSEUX**
[72] FOSTER, DAVID, GB
[72] BRUNS, ROBERT, GB
[71] SUMMIT MEDICAL LIMITED, GB
[85] 2015-09-02
[86] 2014-03-18 (PCT/GB2014/050847)
[87] (WO2014/147385)
[30] GB (1304902.8) 2013-03-18

[21] **2,904,074**
[13] A1

[51] **Int.Cl. A01M 7/00 (2006.01) A01G 25/16 (2006.01) B05B 1/00 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR RECONFIGURING SPRAY EQUIPMENT, AND METHOD**
[54] **APPAREIL POUR RECONFIGURER UN EQUIPEMENT DE PULVERISATION, ET PROCEDE**
[72] LENHARDT, THEODORE, US
[71] AGRICULTURAL MAGNETICS, LTD., IE
[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/025273)
[87] (WO2014/159828)
[30] US (13/828,787) 2013-03-14

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[21] **2,904,077**
[13] A1

[51] **Int.Cl. A61K 47/04 (2006.01) A61K 9/00 (2006.01) A61K 38/42 (2006.01) A61K 47/26 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01)**

[25] EN

[54] **BIOERODIBLE SILICON-BASED COMPOSITIONS FOR DELIVERY OF THERAPEUTIC AGENTS**

[54] **COMPOSITIONS A BASE DE SILICIUM BIOERODABLES POUR L'ADMINISTRATION D'AGENTS THERAPEUTIQUES**

[72] BARNETT, CHRISTIAN, GB

[72] ASHTON, PAUL, US

[72] CANHAM, LEIGH T., GB

[71] PSIVIDA US, INC., US

[71] PSIMEDICA LIMITED, GB

[85] 2015-09-03

[86] 2014-03-13 (PCT/US2014/025612)

[87] (WO2014/151381)

[30] US (61/798,324) 2013-03-15

[21] **2,904,078**
[13] A1

[51] **Int.Cl. B21D 22/21 (2006.01) B21D 22/28 (2006.01) B21D 35/00 (2006.01) B21D 51/24 (2006.01) F17C 1/14 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING PRESSURE VESSEL LINERS**

[54] **PROCEDE DE FABRICATION DE CHEMISES DE CUVE SOUS PRESSION**

[72] CHALANDON, BERNARD ALAIN JACQUES, FR

[72] DAVAL, ROMARY GEORGES MARCEL, FR

[72] HEPPLES, WARREN, GB

[71] LUXFER GAS CYLINDERS LIMITED, GB

[85] 2015-09-02

[86] 2014-03-14 (PCT/GB2014/050788)

[87] (WO2014/140610)

[30] FR (1352261) 2013-03-14

[21] **2,904,079**
[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01)**

[25] EN

[54] **A PROCESS FOR PREPARATION OF (2S, 5R)-7-OXO-6-SULPHOOXY-2-(((3R)-PIPERIDINE-3-CARBONYL)-HYDRAZINO CARBONYL)-1,6-DIAZA-BICYCLO [3.2.1]- OCTANE**

[54] **PROCEDE POUR LA PREPARATION DU (2S, 5R)-7-OXO-6-SULFO-OXY-2-(((3R)-PIPERIDINE-3-CARBONYL)-HYDRAZINO CARBONYL)-1,6-DIAZA-BICYCLO[3.2.1]OCTANE**

[72] JOSHI, SANJEEV, IN

[72] WANKHEDE, KARUNA SURESH, IN

[72] JADHAV, SUNIL BHAGINATH, IN

[72] PAWAR, SHIVAJI SAMPATRAO, IN

[72] AHIRRAO, VINOD KASHINATH, IN

[72] BHAWSAR, SATISH, IN

[72] DESHPANDE, PRASAD KESHAV, IN

[72] YEOLE, RAVINDRA DATTATRAYA, IN

[72] PATEL, MAHESH VITHALBHAI, IN

[71] WOCKHARDT LIMITED, IN

[85] 2015-09-02

[86] 2013-10-12 (PCT/IB2013/059326)

[87] (WO2014/135931)

[30] IN (717/MUM/2013) 2013-03-08

[21] **2,904,080**
[13] A1

[51] **Int.Cl. A61C 17/02 (2006.01) A61C 17/028 (2006.01) A61C 17/22 (2006.01) A61H 35/04 (2006.01)**

[25] EN

[54] **ORAL IRRIGATOR WITH MASSAGE MODE**

[54] **IRRIGATEUR ORAL A MODE DE MASSAGE**

[72] LUETTGEN, HAROLD A., US

[72] HASZIER, GORDON, US

[72] TAYLOR, KURT M., US

[71] WATER PIK, INC., US

[85] 2015-09-03

[86] 2014-03-13 (PCT/US2014/025716)

[87] (WO2014/160051)

[30] US (13/831,401) 2013-03-14

[30] US (61/897,762) 2013-10-30

[21] **2,904,081**
[13] A1

[51] **Int.Cl. G01N 17/00 (2006.01) G05B 19/4065 (2006.01)**

[25] EN

[54] **VALVE PROGNOSTICS FOR POLYMERIC COMPONENTS BASED ON ACCELERATED AGING TECHNIQUES**

[54] **PRONOSTICS DE SOUPAPE POUR COMPOSANTS POLYMERES FONDES SUR DES TECHNIQUES DE VIEILLISSEMENT ACCELERE**

[72] GRABAU, TED DENNIS, US

[72] BELL, MEREDITH, US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2015-09-03

[86] 2014-03-14 (PCT/US2014/026970)

[87] (WO2014/152117)

[30] US (61/785,014) 2013-03-14

[21] **2,904,082**
[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01)**

[25] EN

[54] **A PROCESS FOR PREPARATION OF (2S, 5R)-7-OXO-6-SULPHOOXY-2-(((3R)-PYRROLIDINE-3-CARBONYL)-HYDRAZINO CARBONYL)-1,6-DIAZA-BICYCLO[3.2.1]OCTANE**

[54] **PROCEDE DE PREPARATION DE (2S, 5R)-7-OXO-6-SULFOXY-2-(((3R)- PYRROLIDINE- 3-CARBONYL)-HYDRAZINOCARBONYL)-1,6-DIAZA-BICYCLO[3.2.1]OCTANE**

[72] PAWAR, SHIVAJI SAMPATRAO, IN

[72] JADHAV, SUNIL BHAGINATH, IN

[72] MISHRA, AMIT CHANDRA, IN

[72] RANE, VIPUL, IN

[72] BHAWSAR, SATISH, IN

[72] DESHPANDE, PRASAD KESHAV, IN

[72] YEOLE, RAVINDRA DATTATRAYA, IN

[72] PATEL, MAHESH VITHALBHAI, IN

[71] WOCKHARDT LIMITED, IN

[85] 2015-09-02

[86] 2013-10-12 (PCT/IB2013/059327)

[87] (WO2014/135932)

[30] IN (715/MUM/2013) 2013-03-08

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[21] **2,904,083**
[13] A1

[51] **Int.Cl. E01C 5/06 (2006.01)**
[25] EN
[54] **PERMEABLE PAVING SYSTEM**
[54] **SYSTEME DE PAVAGE**
PERMEABLE
[72] WHITE, CHARLES R., US
[71] WHITE, CHARLES R., US
[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/025798)
[87] (WO2014/160094)
[30] US (61/783,162) 2013-03-14
[30] US (14/208,287) 2014-03-13

[21] **2,904,084**
[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARATION**
OF (2S, 5R)- SULFURIC ACID
MONO-{{(4-AMINOPIPERIDIN-4-
YL) CARBONYL]-7-OXO-1,6-
DIAZA-BICYCLO[3.2.1]-OCT-6-
YL} ESTER
[54] **PROCEDE DE PREPARATION DE**
(2S, 5R)- ACIDE SULFURIQUE
MONO-{{(4- AMINOPIPERIDIN-4-
YL) CARBONYL]-7-OXO-1,6-
DIAZA-BICYCLO[3.2.1]-OCT-6-
YL} ESTER
[72] WANKHEDE, KARUNA SURESH, IN
[72] SURWASE, MAHESH MANIKRAO,
IN
[72] BHAWSAR, SATISH, IN
[72] DESHPANDE, PRASAD KESHAV, IN
[72] YEOLE, RAVINDRA
DATTATRAYA, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[71] WOCKHARDT LIMITED, IN
[85] 2015-09-02
[86] 2013-10-12 (PCT/IB2013/059329)
[87] (WO2015/033191)
[30] IN (716/MUM/2013) 2013-03-08

[21] **2,904,085**
[13] A1

[51] **Int.Cl. C07D 405/12 (2006.01) A61K**
31/336 (2006.01) A61K 31/404
(2006.01) C07D 303/32 (2006.01)
C07D 409/12 (2006.01)
[25] EN
[54] **DIPEPTIDE AND TRIPEPTIDE**
EPOXY KETONE PROTEASE
INHIBITORS
[54] **INHIBITEURS DE DIPEPTIDE ET**
DE TRIPEPTIDE EPOXY CETONE
PROTEASES
[72] MCMINN, DUSTIN, US
[72] JOHNSON, HENRY, US
[72] MOEBIUS, DAVID C., US
[71] ONYX THERAPEUTICS, INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/026980)
[87] (WO2014/152127)
[30] US (61/785,608) 2013-03-14
[30] US (61/786,086) 2013-03-14
[30] US (61/847,780) 2013-07-18
[30] US (61/856,847) 2013-07-22
[30] US (61/883,798) 2013-09-27
[30] US (61/883,843) 2013-09-27
[30] US (61/941,798) 2014-02-19

[21] **2,904,086**
[13] A1

[51] **Int.Cl. E04B 7/04 (2006.01) E04B 1/00**
(2006.01)
[25] EN
[54] **METAL BUILDING SYSTEM**
[54] **SYSTEME DE CONSTRUCTION**
METALLIQUE
[72] KNUDSON, GARY, US
[71] KNUDSON, GARY, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027023)
[87] (WO2014/152163)
[30] US (61/787,429) 2013-03-15

[21] **2,904,087**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR**
PROVIDING VEHICLE MARKET
ANALYSIS
[54] **SYSTEMES ET PROCEDES POUR**
FOURNIR UNE ANALYSE DU
MARCHE DES VEHICULES
[72] DUGUID, ANNIE, US
[72] MILLS, AMY, US
[72] GEORGE, JOE, US
[72] MARLATT, KRISTA, US
[72] HENSLER, BONNIE, US
[71] MANHEIM INVESTMENTS, INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/029094)
[87] (WO2014/144611)
[30] US (61/794,944) 2013-03-15

[21] **2,904,088**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS**
FOR DETECTING AND
DETERMINING A PROGNOSIS
FOR PROSTATE CANCER
[54] **COMPOSITIONS ET PROCEDES**
POUR DETECTER ET
DETERMINER UN PRONOSTIC
DE CANCER DE LA PROSTATE
[72] ALBITAR, MAHER, US
[71] NEOGENOMICS LABORATORIES,
INC., US
[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/025860)
[87] (WO2014/160120)
[30] US (61/785,375) 2013-03-14

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[21] **2,904,089**
[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01)**
[25] EN
[54] **A PROCESS FOR SODIUM SALT OF (2S, 5R)-2-CARBOXAMIDO-7-OXO-6-SULFOOXY -1,6-DIAZABICYCLO[3.2.1]OCTANE**
[54] **PROCEDE POUR SEL DE SODIUM DE (2S, 5R)-2-CARBOXAMIDO -7-OXO-6-SULFOOXY -1,6-DIAZABICYCLO[3.2.1]OCTANE**
[72] GUPTA, SUNIL VISHNUBHAGWAN, IN
[72] JADHAV, SUNIL BHAGINATH, IN
[72] RANE, VIPUL, IN
[72] DESHPANDE, PRASAD KESHAV, IN
[72] BHAWSAR, SATISH, IN
[72] YEOLE, RAVINDRA DATTATRAYA, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[71] WOCKHARDT LIMITED, IN
[85] 2015-09-02
[86] 2013-10-12 (PCT/IB2013/059325)
[87] (WO2014/135930)
[30] IN (718/MUM/2013) 2013-03-08

[21] **2,904,090**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 49/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODY DRUG CONJUGATES**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS**
[72] ETTENBERG, SETH, US
[72] HAUBST, NICOLE, DE
[72] HU, TIANCEN, US
[72] JENKINS, DAVID, US
[72] TOKSOZ, ENGIN, DE
[72] MOSHER, REBECCA, US
[72] MEYER, MATTHEW JOHN, US
[72] PETROPOULOS, KONSTANTIN, DE
[72] BATT, DAVID BRYANT (DECEASED), US
[71] NOVARTIS AG, CH
[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/025944)
[87] (WO2014/160160)
[30] US (61/780,299) 2013-03-13

[21] **2,904,091**
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01)**
[25] EN
[54] **MICROORGANISMS AND METHODS FOR PRODUCING SIALYLATED AND N-ACETYLGLUCOSAMINE-CONTAINING OLIGOSACCHARIDES**
[54] **MICRO-ORGANISMES ET PROCEDES DE PRODUCTION D'OLIGOSACCHARIDES SIALYLES ET A BASE DE N-ACETYLGLUCOSAMINE**
[72] MERIGHI, MASSIMO, US
[72] HEIDTMAN, MATTHEW IAN, US
[72] MCCOY, JOHN M., US
[71] GLYCOSYN LLC, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/029804)
[87] (WO2014/153253)
[30] US (61/782,999) 2013-03-14

[21] **2,904,092**
[13] A1

[51] **Int.Cl. A61F 13/551 (2006.01) D04H 1/4291 (2012.01) D04H 1/544 (2012.01) D04H 3/007 (2012.01)**
[25] EN
[54] **PACKAGES FOR ARTICLES OF COMMERCE**
[54] **EMBALLAGES POUR ARTICLES DU COMMERCE**
[72] CHENG, CALVIN HOI WUNG, US
[72] ISELE, OLAF ERIK ALEXANDER, US
[72] UDENGAARD, BRIAN, DK
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-09-03
[86] 2014-03-17 (PCT/US2014/030403)
[87] (WO2014/145608)
[30] US (13/833,503) 2013-03-15

[21] **2,904,093**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DETECTION OF NUCLEIC ACIDS IN URINE**
[54] **DETECTION D'ACIDES NUCLEIQUES DANS L'URINE**
[72] RODI, CHARLES, US
[72] VIBAT, CECILE ROSE, US
[71] TROVAGENE, INC., US
[85] 2015-09-02
[86] 2014-03-15 (PCT/US2014/030080)
[87] (WO2014/145340)
[30] US (61/802,131) 2013-03-15

[21] **2,904,094**
[13] A1

[51] **Int.Cl. C09K 8/52 (2006.01)**
[25] EN
[54] **FILTERCAKE REMOVAL USING EXOTHERMIC IN-SITU NITROGEN-PRODUCING REACTANTS**
[54] **ELIMINATION DE GATEAU DE FILTRATION A L'AIDE DE REACTIFS PRODUCTEURS D'AZOTE IN-SITU**
[72] AL-TAQ, ALI A., SA
[72] HAJI, HABEEB H., SA
[72] SALEEM, JAFFAR ABDULLA, SA
[72] AL-NAKHLI, AYMAN R., SA
[72] RAGBIR, DAUNE BEVAN, SA
[72] FRANCO, ZADSON DE ALMEIDA, BR
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-09-03
[86] 2014-03-25 (PCT/US2014/031661)
[87] (WO2014/165347)
[30] US (61/807,186) 2013-04-01

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[21] **2,904,095**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/567 (2006.01)**

[25] EN

[54] **USE OF BIOMARKERS FOR ASSESSING TREATMENT OF GASTROINTESTINAL INFLAMMATORY DISORDERS WITH BETA7 INTEGRIN ANTAGONISTS**

[54] **UTILISATION DE BIOMARQUEURS POUR EVALUER LE TRAITEMENT DE TROUBLES GASTRO-INTESTINAUX INFLAMMATOIRES PAR DES ANTAGONISTES DE L'INTEGRINE BETA7**

[72] DIEHL, LAURI, US
[72] KEIR, MARY, US
[72] TANG, MEINA TAO, US
[72] WEI, XIAOHUI, US
[72] WILLIAMS, MARNA B., US
[71] GENENTECH, INC., US
[85] 2015-09-03
[86] 2014-03-26 (PCT/US2014/031825)
[87] (WO2014/160753)
[30] US (61/805,860) 2013-03-27
[30] US (61/914,619) 2013-12-11

[21] **2,904,096**
[13] A1

[51] **Int.Cl. A63B 71/06 (2006.01) A63B 67/00 (2006.01)**

[25] EN

[54] **A METHOD FOR ONLINE AND OFFLINE IMPLEMENTATION OF MINI-SOCCER MATCH**

[54] **PROCEDE POUR REALISER UN JEU DE MINI-FOOTBALL EN LIGNE ET HORS LIGNE COMBINE**

[72] LIU, XIAOYAN, CN
[71] LIU, XIAOYAN, CN
[85] 2015-09-04
[86] 2014-03-07 (PCT/CN2014/073038)
[87] (WO2014/135116)
[30] CN (201310074361.6) 2013-03-08

[21] **2,904,097**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **AUTOMATED CONSULTATIVE METHOD AND SYSTEM**

[54] **PROCEDE ET SYSTEME CONSULTATIFS AUTOMATISES**

[72] FARMER, DAVID E., US
[72] DILLON, DONOVAN, US
[71] AD GIANTS, LLC, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027177)
[87] (WO2014/152297)
[30] US (61/786,816) 2013-03-15

[21] **2,904,098**
[13] A1

[51] **Int.Cl. E05B 77/06 (2014.01) E05B 85/24 (2014.01)**

[25] EN

[54] **LOCK FOR A MOTOR VEHICLE**

[54] **SERRURE POUR UN VEHICULE A MOTEUR**

[72] WAHMANN, HENDRIK, DE
[72] EICHEL, DIRK, DE
[72] FUCHS, CARSTEN, DE
[71] KIEKERT AKTIENGESELLSCHAFT, DE
[85] 2015-09-04
[86] 2014-02-14 (PCT/DE2014/000055)
[87] (WO2014/135139)
[30] DE (10 2013 203 808.9) 2013-03-06

[21] **2,904,099**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12Q 1/02 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **DENDRITIC CELL RESPONSE GENE EXPRESSION, COMPOSITIONS OF MATTERS AND METHODS OF USE THEREOF**

[54] **EXPRESSION DE GENE DE REPONSE D'UNE CELLULE DENDRITIQUE, COMPOSITIONS DE MATIERES ET PROCEDES D'UTILISATION ASSOCIES**

[72] REGEV, AVIV, US
[72] SHALEK, ALEXANDER K., US
[72] SATIJA, RAHUL, US
[72] PARK, HONGKUN, US
[71] THE BROAD INSTITUTE, INC., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2015-09-02
[86] 2014-03-17 (PCT/US2014/030429)
[87] (WO2014/145631)
[30] US (61/787,378) 2013-03-15

[21] **2,904,100**
[13] A1

[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/077 (2010.01) A61K 35/28 (2015.01)**

[25] EN

[54] **TREATED CELLS AND THERAPEUTIC USES**

[54] **CELLULES TRAITEES ET LEURS UTILISATIONS THERAPEUTIQUES**

[72] GIRDLESTONE, JOHN, GB
[72] NAVARRETE, CRISTINA, GB
[71] NHS BLOOD & TRANSPLANT, GB
[85] 2015-09-04
[86] 2014-03-06 (PCT/GB2014/050658)
[87] (WO2014/135878)
[30] GB (1304038.1) 2013-03-06

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[21] **2,904,101**
[13] A1

[51] **Int.Cl. B60G 11/26 (2006.01) B60G 11/27 (2006.01)**
[25] EN
[54] **VEHICLE SUSPENSION SYSTEM WITH RESERVOIR FOR AIR SPRING DAMPING**
[54] **SYSTEME DE SUSPENSION DE VEHICULE COMPRENANT UN RESERVOIR POUR UN AMORTISSEMENT PAR RESSORT PNEUMATIQUE**
[72] DELORENZIS, DAMON, US
[71] WATSON & CHALIN MANUFACTURING, INC., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2015-09-03
[86] 2014-04-01 (PCT/US2014/032450)
[87] (WO2014/165465)
[30] US (13/855,788) 2013-04-03

[21] **2,904,102**
[13] A1

[51] **Int.Cl. A61C 19/06 (2006.01) A61C 8/00 (2006.01) A61C 17/00 (2006.01)**
[25] EN
[54] **PERI-IMPLANTITIS THERAPY DEVICE**
[54] **DISPOSITIF THERAPEUTIQUE POUR PERI-IMPLANTITE**
[72] KANNO, TARO, JP
[72] NAKAMURA, KEISUKE, JP
[72] NIWANO, YOSHIMI, JP
[72] KANNO, MINORU, JP
[71] A-Z LTD., JP
[85] 2015-09-04
[86] 2013-03-08 (PCT/JP2013/056449)
[87] (WO2014/136255)

[21] **2,904,103**
[13] A1

[51] **Int.Cl. E05B 77/06 (2014.01)**
[25] EN
[54] **LOCK FOR A MOTOR VEHICLE**
[54] **SERRURE POUR UN VEHICULE A MOTEUR**
[72] WAHMANN, HENDRIK, DE
[72] FUCHS, CARSTEN, DE
[72] EICHEL, DIRK, DE
[71] KIEKERT AKTIENGESELLSCHAFT, DE
[85] 2015-09-04
[86] 2014-02-28 (PCT/DE2014/000082)
[87] (WO2014/135142)
[30] DE (DE 10 2013 203 788.0) 2013-03-06
[30] DE (DE 10 2013 211 050.2) 2013-06-13

[21] **2,904,104**
[13] A1

[51] **Int.Cl. F04B 39/00 (2006.01) F04B 53/12 (2006.01)**
[25] EN
[54] **HORIZONTAL PISTON COMPRESSOR**
[54] **COMPRESSEUR A PISTON HORIZONTAL**
[72] KOOP, LAURENTIUS GERARDUS MARIA, NL
[72] DUINEVELD, PETRUS NICOLAAS, NL
[71] HOWDEN THOMASSEN COMPRESSORS BV, NL
[85] 2015-09-04
[86] 2013-03-13 (PCT/EP2013/055174)
[87] (WO2014/139565)

[21] **2,904,105**
[13] A1

[51] **Int.Cl. A61K 8/14 (2006.01) A61K 8/97 (2006.01) A61K 36/185 (2006.01) A61K 36/21 (2006.01) A61K 36/48 (2006.01) A61K 36/488 (2006.01) A61K 36/899 (2006.01) A61K 36/8998 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF DELIVERY SYSTEMS FOR PERSONAL CARE PRODUCTS**
[54] **COMPOSITIONS CONTENANT DES SYSTEMES DE LIBERATION POUR PRODUITS DE SOINS D'HYGIENE PERSONNELLE**
[72] BEYER, MONIKA, DE
[72] GETZAT, CAROLINE, DE
[72] GODDARD, RICHARD JOSEPH, US
[72] MUNK, CHRISTIAN, DE
[72] NOOR, MUSSARAT, US
[72] SACHER, MICHAEL MANFRED, DE
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2015-09-03
[86] 2014-04-01 (PCT/US2014/032493)
[87] (WO2014/165490)
[30] US (61/807,554) 2013-04-02
[30] US (61/888,649) 2013-10-09

[51] **Int.Cl. F04B 39/00 (2006.01) F04B 53/12 (2006.01)**
[25] EN
[54] **PORTABLE RESCUE TOOL**
[54] **OUTIL DE SAUVETAGE PORTATIF**
[72] HICKERSON, WILLIAM, US
[71] POWER HAWK TECHNOLOGIES INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027507)
[87] (WO2014/152591)
[30] US (13/833,910) 2013-03-15

[21] **2,904,106**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/532 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **IMPROVED ASSAY METHODS**
[54] **METHODES DE DOSAGE AMELIORE**
[72] AGHVANYAN, ANAHIT, US
[72] GLEZER, ELI N., US
[72] KENTEN, JOHN, US
[72] SIGAL, GEORGE, US
[72] STENGELIN, MARTIN, US
[71] MESO SCALE TECHNOLOGIES, LLC., US
[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/026010)
[87] (WO2014/160192)
[30] US (61/779,050) 2013-03-13
[30] US (61/919,887) 2013-12-23

[21] **2,904,107**
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01)**
[25] EN
[54] **TUBE TRAY VISION SYSTEM**
[54] **SYSTEME DE VISION DE PLATEAU DE TUBES**
[72] POLLACK, BENJAMIN, US
[72] GERMAN, RYAN, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027217)
[87] (WO2014/152329)
[30] US (61/782,435) 2013-03-14

[21] **2,904,108**
[13] A1

[51] **Int.Cl. A62B 3/00 (2006.01) F16D 13/22 (2006.01)**
[25] EN
[54] **PORTABLE RESCUE TOOL**
[54] **OUTIL DE SAUVETAGE PORTATIF**
[72] HICKERSON, WILLIAM, US
[71] POWER HAWK TECHNOLOGIES INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027507)
[87] (WO2014/152591)
[30] US (13/833,910) 2013-03-15

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[21] **2,904,109**
[13] A1

[51] **Int.Cl. B63B 21/66 (2006.01) B63B 27/36 (2006.01) B63G 8/42 (2006.01)**

[25] FR

[54] **SYSTEME ET PROCEDE DE RECUPERATION D'UN ENGIN SOUS-MARIN AUTONOME**

[54] **SYSTEM AND METHOD FOR RECOVERING AN AUTONOMOUS UNDERWATER VEHICLE**

[72] JOURDAN, MICHAEL, FR

[72] TOM, ALBERT, FR

[72] GUTHMANN, PIERRE, FR

[71] THALES, FR

[85] 2015-09-04

[86] 2014-03-04 (PCT/EP2014/054149)

[87] (WO2014/135522)

[30] FR (1300480) 2013-03-05

[21] **2,904,110**
[13] A1

[51] **Int.Cl. D06P 5/30 (2006.01) C07D 251/68 (2006.01) C11D 3/42 (2006.01) D06L 3/12 (2006.01) D21H 21/30 (2006.01)**

[25] EN

[54] **OPTICAL BRIGHTENING AGENTS FOR HIGH QUALITY INK-JET PRINTING**

[54] **AGENTS AZURANTS OPTIQUES POUR L'IMPRESSION PAR JET D'ENCRE DE HAUTE QUALITE**

[72] ATKINSON, DAVID, CH

[72] DOMINGUEZ, CRISTINA, FR

[72] JACKSON, ANDREW CLIVE, CH

[71] ARCHROMA IP GMBH, CH

[85] 2015-09-04

[86] 2014-03-21 (PCT/EP2014/000784)

[87] (WO2014/146798)

[30] EP (13001466.5) 2013-03-21

[21] **2,904,111**
[13] A1

[51] **Int.Cl. G01N 23/04 (2006.01) G06T 3/40 (2006.01)**

[25] EN

[54] **HIGH-RESOLUTION COMPUTED TOMOGRAPHY**

[54] **TOMOGRAPHIE ASSISTEE PAR ORDINATEUR HAUTE RESOLUTION**

[72] WANG, YUXIN, US

[72] SHARPE, JOSHUA, US

[72] SCHLECHT, JOSEPH, US

[72] FERLEY, ERIC, US

[72] NOEL, JULIEN, US

[71] ILLNOIS TOOL WORKS INC., US

[85] 2015-09-03

[86] 2014-04-02 (PCT/US2014/032670)

[87] (WO2014/168796)

[30] US (61/811,151) 2013-04-12

[21] **2,904,112**
[13] A1

[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61K 45/06 (2006.01) A61P 17/00 (2006.01) A61P 19/00 (2006.01) A61P 25/00 (2006.01) A61P 27/00 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **MIXTURE OF FATTY ACIDS FOR USE IN THE TREATMENT OF INFLAMMATORY PATHOLOGIES**

[54] **MELANGE D'ACIDES GRAS POUR UTILISATION DANS LE TRAITEMENT DE PATHOLOGIES INFLAMMATOIRES**

[72] BURATTIN, LODOVICO, IT

[71] AGAIN LIFE ITALIA SRL, IT

[85] 2015-09-04

[86] 2014-03-04 (PCT/EP2014/054163)

[87] (WO2014/135529)

[30] IT (MI2013A000354) 2013-03-08

[30] US (61/774,796) 2013-03-08

[21] **2,904,113**
[13] A1

[51] **Int.Cl. A47C 1/0355 (2013.01) B60N 2/24 (2006.01) B64D 11/06 (2006.01)**

[25] EN

[54] **VEHICLE SEAT WITH SIMULTANEOUS ARTICULATION OF SEAT PAN AND SEAT BACK**

[54] **SIEGE DE VEHICULE AYANT UNE ARTICULATION SIMULTANEE DE PLATEAU DE SIEGE ET DE DOSSIER DE SIEGE**

[72] BERTH, MICHAEL, US

[72] UDRISTE, DAN, US

[72] DE LA GARZA, JAVIER VALDES, US

[71] B/E AEROSPACE, INC., US

[85] 2015-09-03

[86] 2014-04-08 (PCT/US2014/033326)

[87] (WO2014/168945)

[30] US (61/809,491) 2013-04-08

[21] **2,904,114**
[13] A1

[51] **Int.Cl. G06F 21/83 (2013.01) G06Q 20/20 (2012.01) G06F 21/86 (2013.01) G07F 19/00 (2006.01)**

[25] EN

[54] **TRUSTED TERMINAL PLATFORM**

[54] **PLATEFORME DE TERMINAL DE CONFIANCE**

[72] NOLTE, MICHAEL, DE

[72] ZAVADSKY, VALDEMAR, CZ

[71] WINCOR NIXDORF INTERNATIONAL GMBH, DE

[85] 2015-09-04

[86] 2014-03-05 (PCT/EP2014/054223)

[87] (WO2014/135569)

[30] EP (13157884.1) 2013-03-05

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[21] **2,904,115**
[13] A1

[51] **Int.Cl. H04N 21/2362 (2011.01) H04N 21/2381 (2011.01)**
[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**
[54] **APPAREIL DE TRANSMISSION, PROCEDE DE TRANSMISSION, APPAREIL DE RECEPTION, ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2015-09-04
[86] 2014-03-12 (PCT/JP2014/056574)
[87] (WO2014/142203)
[30] JP (2013-052559) 2013-03-14
[30] JP (2013-100774) 2013-05-10

[21] **2,904,116**
[13] A1

[51] **Int.Cl. A61K 31/565 (2006.01) C07J 41/00 (2006.01)**
[25] EN
[54] **ONAPRISTONE POLYMORPHIC FORMS AND METHODS OF USE**
[54] **FORMES POLYMORPHES DE L'ONAPRISTONE ET LEURS PROCEDES D'UTILISATION**
[72] PRONIUK, STEFAN, US
[71] ARNO THERAPEUTICS, US
[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/023651)
[87] (WO2014/164861)
[30] US (61/777,752) 2013-03-12

[21] **2,904,117**
[13] A1

[51] **Int.Cl. A41D 13/015 (2006.01) A41D 13/05 (2006.01)**
[25] EN
[54] **REMOVABLE BODY PADDING**
[54] **COUSSINET DE REMBOURRAGE AMOVIBLE POUR LE CORPS**
[72] SUGANO, ERIC W., US
[72] METZER, COLLIN, US
[72] FOLEY, PETER M., US
[72] DIFELICE, ERIC T., US
[72] KANOUS, TREVOR, US
[72] HADDEN, BRYANT R., US
[72] HUTSON, RICHARD B., US
[71] SKYDEX TECHNOLOGIES, INC., US
[85] 2015-09-03
[86] 2014-04-10 (PCT/US2014/033692)
[87] (WO2014/169147)
[30] US (61/810,839) 2013-04-11

[21] **2,904,118**
[13] A1

[51] **Int.Cl. C07D 407/04 (2006.01) C07D 303/16 (2006.01) C07D 407/06 (2006.01) C08K 5/101 (2006.01)**
[25] EN
[54] **FATTY-ACID BASED ISONONYL ESTER OR FATTY ACID MIXTURES CONSISTING OF TALL OIL OR LINSEED OIL**
[54] **ESTER ISONONYLIQUE A BASE D'ACIDES GRAS OU DE MELANGES D'ACIDES GRAS OBTENUS A PARTIR DE TALLOL OU D'HUILE DE LIN**
[72] WOLDT, BENJAMIN, DE
[72] GRASS, MICHAEL, DE
[72] GEVERS, ANDREAS, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2015-09-04
[86] 2014-02-14 (PCT/EP2014/052910)
[87] (WO2014/135355)
[30] DE (10 2013 203 972.7) 2013-03-08

[21] **2,904,119**
[13] A1

[51] **Int.Cl. A61K 31/19 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **TREATMENT OF INSULIN RESISTANCE ASSOCIATED WITH PROLONGED PHYSICAL INACTIVITY**
[54] **TRAITEMENT D'UNE INSULINORESISTANCE ASSOCIEE A UNE INACTIVITE PHYSIQUE PROLONGEE**
[72] LUO, MENGHUA, US
[72] PEREIRA, SUZETTE, US
[72] EDENS, NEILE, US
[72] DAVIS, GERARD, US
[72] GAWEL, SUSAN, US
[72] CHANDRAN, RAJ, US
[71] ABBOTT LABORATORIES, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027524)
[87] (WO2014/152606)
[30] US (61/783,301) 2013-03-14
[30] US (61/840,990) 2013-06-28
[30] US (61/866,061) 2013-08-15

[21] **2,904,120**
[13] A1

[51] **Int.Cl. A45F 3/04 (2006.01) A45F 3/08 (2006.01)**
[25] EN
[54] **BACKPACK**
[54] **SAC A DOS**
[72] WOLFFE, DAVID, GB
[71] WOLFFE, DAVID, GB
[85] 2015-09-04
[86] 2014-03-07 (PCT/GB2014/050682)
[87] (WO2014/135894)
[30] GB (1304254.4) 2013-03-08
[30] GB (1402768.4) 2014-02-17

[21] **2,904,121**
[13] A1

[51] **Int.Cl. A61M 5/31 (2006.01) H04W 84/18 (2009.01) A61M 5/172 (2006.01) A61M 5/24 (2006.01) A61M 37/00 (2006.01) G08B 21/02 (2006.01) H02J 17/00 (2006.01)**
[25] EN
[54] **SMART ADAPTER FOR INFUSION DEVICES**
[54] **ADAPTATEUR INTELLIGENT POUR DISPOSITIF DE PERFUSION**
[72] TAYLOR, MARGARET, US
[72] FEYGIN, DAVID, US
[72] NELSON, ELIZABETH, US
[72] PETERSON, BART, US
[72] RANGANATHAN, KARTHIK, US
[72] BYRD, RICHARD, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027640)
[87] (WO2014/152704)
[30] US (61/788,506) 2013-03-15

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[21] **2,904,122**
[13] A1

[51] **Int.Cl. C22C 38/32 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/28 (2006.01) C22C 38/38 (2006.01) C23C 2/12 (2006.01)**

[25] EN

[54] **HIGH STRENGTH STEEL SHEET EXCELLENT IN DELAYED FRACTURE RESISTANCE AND LOW TEMPERATURE TOUGHNESS, AND HIGH STRENGTH MEMBER MANUFACTURED USING THE SAME**

[54] **PLAQUE D'ACIER A RESISTANCE MECANIQUE ELEVEE DOTEE D'EXCELLENTE CARACTERISTIQUES DE RESISTANCE A LA DESTRUCTION RETARDEE ET D'UNE TENACITE A FAIBLE TEMPERATURE, ET ORGANE A HAUTERESISTANCE MECANIQUE FABRIQUE A L'AIDE DE CELLE-CI**

[72] TANAHASHI, HIROYUKI, JP
[72] TOMOKIYO, TOSHIMASA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2015-09-04
[86] 2014-03-13 (PCT/JP2014/056669)
[87] (WO2014/142238)
[30] JP (2013-051953) 2013-03-14

[21] **2,904,123**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR REMOTELY CONTROLLING AN ELECTRONIC GAMING DEVICE FROM A MOBILE DEVICE**

[54] **SYSTEME ET PROCEDE DE COMMANDE A DISTANCE D'UN DISPOSITIF DE JEU ELECTRONIQUE A PARTIR D'UN DISPOSITIF MOBILE**

[72] GRAF, JOHANN F., AT
[72] ZAJAC, TOMASZ, AT
[71] NOVOMATIC AG, AT

[85] 2015-09-04
[86] 2014-03-07 (PCT/EP2014/054483)
[87] (WO2014/135692)
[30] EP (13158466.6) 2013-03-08
[30] US (61/774,738) 2013-03-08

[21] **2,904,124**
[13] A1

[51] **Int.Cl. C09K 8/582 (2006.01) C09K 8/035 (2006.01) C09K 8/588 (2006.01)**

[25] EN

[54] **TREATMENT OF A SUBTERRANEAN FORMATION WITH COMPOSITION INCLUDING A MICROORGANISM OR COMPOUND GENERATED BY THE SAME**

[54] **TRAITEMENT D'UNE FORMATION SOUTERRAINE PAR UNE COMPOSITION COMPRENANT UN MICROORGANISME OU UN COMPOSE GENERE PAR CELUI-CI**

[72] MCDANIEL, CATO RUSSELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-09-03
[86] 2014-04-14 (PCT/US2014/033991)
[87] (WO2014/176061)
[30] US (13/867,536) 2013-04-22

[21] **2,904,125**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) C12N 15/67 (2006.01)**

[25] EN

[54] **IMPROVED RECOMBINANT PROTEIN EXPRESSION USING A HYBRID CHEF1 PROMOTER**

[54] **EXPRESSION AMELIOREE DE PROTEINES RECOMBINEES FAISANT APPEL A UN PROMOTEUR HYBRIDE CHEF1**

[72] CLARKE, HOWARD R., US
[71] CMC ICOS BIOLOGICS, INC., US

[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/023661)
[87] (WO2014/164869)
[30] US (61/777,603) 2013-03-12

[21] **2,904,126**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **MOLECULAR MARKERS IN BLADDER CANCER**

[54] **MARQUEURS MOLECULAIRES DANS LE CANCER DE LA VESSIE**

[72] SMIT, FRANCISCUS PETRUS, NL
[72] HESSELS, DAPHNE, NL
[72] SCHALKEN, JACOBUS A., NL
[71] NOVIOGENDIX RESEARCH B.V., NL

[85] 2015-09-04
[86] 2014-03-07 (PCT/EP2014/054501)
[87] (WO2014/135698)
[30] EP (PCT/EP2013/054777) 2013-03-08

[21] **2,904,127**
[13] A1

[51] **Int.Cl. C07D 487/22 (2006.01) G01N 21/64 (2006.01)**

[25] EN

[54] **OXYGEN SENSORS**

[54] **CAPTEURS D'OXYGENE**

[72] GAMSEY, SOYA, US
[72] WISNIEWSKI, NATALIE, US
[72] HELTON, KRISTEN, US
[72] MCMILLAN, WILLIAM, US
[71] PROFUSA, INC., US

[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/026183)
[87] (WO2014/160258)
[30] US (61/784,925) 2013-03-14

[21] **2,904,128**
[13] A1

[51] **Int.Cl. H01H 50/64 (2006.01) H01H 1/26 (2006.01) H01H 1/62 (2006.01) H01H 50/10 (2006.01) H01H 50/14 (2006.01) H01H 51/22 (2006.01)**

[25] EN

[54] **IMPROVED SWITCH AND ASSOCIATED METHODS**

[54] **COMMUTATEUR AMELIORE ET PROCEDES CORRESPONDANTS**

[72] STANTON, CHRISTOPHER JOHN, GB
[72] CHESTER, JOHN WILLIAM, GB
[72] JIANG, HONG WEN, GB
[71] REL DEVELOPMENTS LIMITED, GB

[85] 2015-09-04
[86] 2014-03-07 (PCT/GB2014/050689)
[87] (WO2014/135898)
[30] GB (1304224.7) 2013-03-08

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[21] **2,904,129**
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61P 1/16 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING NON-ALCOHOLIC STEATOHEPATITIS**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA STEATOHEPATITE NON ALCOOLIQUE**

[72] HARADA, TSUYOSHI, JP
[72] KANEHIRO, HIDEO, JP
[72] MIZUGUCHI, KIYOSHI, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP

[85] 2015-09-04
[86] 2014-03-14 (PCT/JP2014/058145)
[87] (WO2014/142364)
[30] US (61/791,533) 2013-03-15
[30] US (61/793,309) 2013-03-15
[30] US (61/817,796) 2013-04-30

[21] **2,904,130**
[13] A1

[51] **Int.Cl. B05B 5/08 (2006.01) B05B 5/16 (2006.01) B05C 19/00 (2006.01) B05D 1/14 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ADJUSTING THE RELATIVE MOVEMENT BETWEEN FLOCKING FIBERS AND FLOCKED OBJECTS**

[54] **PROCEDE ET APPAREIL POUR REGLER LE MOUVEMENT RELATIF ENTRE DES FIBRES DE FLOCAGE ET DES OBJETS FLOQUES**

[72] GILOH, EHUD, GB
[71] TAMICARE LTD., GB

[85] 2015-09-04
[86] 2014-03-05 (PCT/IB2014/000544)
[87] (WO2014/135971)
[30] US (13/788,095) 2013-03-07

[21] **2,904,131**
[13] A1

[51] **Int.Cl. C23C 2/02 (2006.01) C21D 9/46 (2006.01) C22C 18/04 (2006.01) C22C 38/00 (2006.01) C22C 38/38 (2006.01) C23C 2/06 (2006.01)**

[25] EN

[54] **HOT-DIP ZINC ALLOY COATED STEEL SHEET EXCELLENT IN COATING ADHESION, AND METHOD FOR PRODUCING THE SAME**

[54] **PLAQUE D'ACIER GALVANISEE PAR IMMERSION A CHAUD AYANT UNE EXCELLENTE ADHERENCE DE REVETEMENT ET SON PROCEDE DE FABRICATION**

[72] URANAKA, MASAOKI, JP
[72] SHIMIZU, TAKESHI, JP
[72] HIRATA, KENTARO, JP
[71] NISSHIN STEEL CO., LTD., JP

[85] 2015-09-04
[86] 2014-03-25 (PCT/JP2014/058208)
[87] (WO2014/157155)
[30] JP (2013-066576) 2013-03-27
[30] JP (2014-060809) 2014-03-24

[21] **2,904,132**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01)**

[25] EN

[54] **PRODUCTION OF SMALL INTERFERING RNAS IN PLANTA**

[54] **PRODUCTION DE PETITS ARN INTERFERENTS IN PLANTA**

[72] MCGONIGLE, BRIAN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/026448)
[87] (WO2014/160383)
[30] US (61/779,840) 2013-03-13

[21] **2,904,133**
[13] A1

[51] **Int.Cl. C02F 3/00 (2006.01) B09C 1/08 (2006.01) B09C 1/10 (2006.01) C02F 3/34 (2006.01)**

[25] EN

[54] **INHIBITION OF METHANE PRODUCTION DURING ANAEROBIC REDUCTIVE DECHLORINATION**

[54] **INHIBITION DE PRODUCTION DE METHANE PENDANT LA DECHLORATION REDUCTIVE ANAEROBIE**

[72] SCALZI, MICHAEL, US
[72] KARACHALIOS, ANTONIS, US
[71] INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC., US

[85] 2015-09-03
[86] 2014-05-02 (PCT/US2014/036632)
[87] (WO2014/153567)
[30] US (13/785,840) 2013-03-05
[30] US (14/268,637) 2014-05-02

[21] **2,904,134**
[13] A1

[51] **Int.Cl. H04H 60/11 (2009.01) H04L 1/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RECOVERING AUDIO PDU TRANSPORT ELEMENTS IN DIGITAL RADIO BROADCAST RECEIVER**

[54] **SYSTEME ET PROCEDE POUR RECUPERER DES ELEMENTS DE TRANSPORT D'UNE PDU AUDIO DANS UN RECEPTEUR DE RADIODIFFUSION NUMERIQUE**

[72] MILBAR, MAREK, US
[71] IBIQUITY DIGITAL CORPORATION, US

[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027657)
[87] (WO2014/143668)
[30] US (13/843,956) 2013-03-15

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[21] **2,904,135**
[13] A1

[51] **Int.Cl. G01N 35/08 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTION AND QUANTIFICATION OF ANALYTES**
[54] **SYSTEMES ET PROCEDES POUR LA DETECTION ET LA QUANTIFICATION D'ANALYTES**
[72] KHATTAK, AYUB, US
[72] SEVER, CLINTON, US
[71] CUE INC., US
[85] 2015-09-03
[86] 2014-03-11 (PCT/US2014/023821)
[87] (WO2014/164933)
[30] US (61/776,254) 2013-03-11

[21] **2,904,136**
[13] A1

[51] **Int.Cl. H01M 4/131 (2010.01) H01M 10/0525 (2010.01)**
[25] EN
[54] **HIGH VOLTAGE LITHIUM ION BATTERY**
[54] **BATTERIE AU LITHIUM-ION HAUTE TENSION**
[72] LIU, JUN J., US
[72] ROELOFS, MARK GERRIT, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/027976)
[87] (WO2014/143834)
[30] US (13/837,378) 2013-03-15

[21] **2,904,137**
[13] A1

[51] **Int.Cl. C11C 1/02 (2006.01) C08L 63/10 (2006.01) C11C 1/08 (2006.01) C11C 3/00 (2006.01) C11C 3/14 (2006.01)**
[25] EN
[54] **ISONONYL ESTERS ON THE BASIS OF FATTY ACID MIXTURES CONSISTING OF VEGETABLE OILS**
[54] **ESTER ISONONYLIQUE A BASE DE MELANGES D'ACIDES GRAS OBTENUS A PARTIR D'HUILES VEGETALES**
[72] WOLDT, BENJAMIN, DE
[72] GRASS, MICHAEL, DE
[72] WOELK-FAHRMANN, MICHAEL, DE
[72] SCHNEIDER, CHARLOTTE, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2015-09-04
[86] 2014-02-18 (PCT/EP2014/053095)
[87] (WO2014/135366)
[30] DE (10 2013 203 973.5) 2013-03-08

[21] **2,904,138**
[13] A1

[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0775 (2010.01) A61K 35/32 (2015.01)**
[25] EN
[54] **ISOLATED DISCOGENIC CELLS, METHODS OF USING, AND METHODS OF PREPARING SAME FROM MAMMALIAN TISSUE**
[54] **CELLULES DISCOGENIQUES ISOLEES, PROCEDES D'UTILISATION ET PROCEDES DE PREPARATION DE CELLES-CI A PARTIR D'UN TISSU DE MAMMIFERE**
[72] SILVERMAN, LARA IONESCU, US
[72] FOLEY, KEVIN T., US
[71] DISCGENICS, INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/028026)
[87] (WO2014/143870)
[30] US (61/794,691) 2013-03-15

[21] **2,904,139**
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/28 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **DIRECT FLUID INDICATORS IN MULTIPLE SEGMENT PROSPECTS**
[54] **INDICATEURS DE FLUIDE DIRECTS DANS DES PROSPECTS A SEGMENTS MULTIPLES**
[72] MARTINELLI, GABRIELE, NO
[72] STABELL, CHARLES, NO
[72] LANGLIE, ESPEN, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/023855)
[87] (WO2014/159479)
[30] US (61/781,723) 2013-03-14

[21] **2,904,140**
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHOD OF TREATING PANCREATIC AND LIVER CONDITIONS BY TRANSPLANTATION OF STEM CELLS INTO BILE DUCT WALLS**
[54] **PROCEDES DE TRAITEMENT D'AFFECTIONS PANCREATIQUES ET HEPATIQUES PAR TRANSPLANTATION DE CELLULES SOUCHES DANS LES PAROIS DE CANAUX BILIAIRES**
[72] REID, LOLA MCADAMS, US
[72] WANG, YUNFANG, CN
[72] GERBER, DAVID A., US
[72] LANZONI, GIACOMO, US
[72] INVERARDI, LUCA, US
[72] DOMINGUEZ-BENDALA, JUAN, US
[72] ALVARO, DOMENICO, IT
[72] CARDINALE, VINCENZO, IT
[72] GAUDIO, EUGENIO, IT
[72] CARPINO, GUIDO, IT
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[71] UNIVERSITY OF MIAMI, US
[71] SAPIENZA UNIVERSITA DI ROMA, IT
[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/026461)
[87] (WO2014/143632)
[30] US (61/780,644) 2013-03-13
[30] US (14/207,191) 2014-03-12

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[21] **2,904,141**
[13] A1

[51] **Int.Cl. E21B 19/08 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **DRILL ROD GUARD AND SYSTEMS AND METHODS OF USING SAME**
[54] **PROTECTION DE TIGE DE FORAGE ET SES SYSTEMES ET SES PROCEDES D'UTILISATION**
[72] MIGNAULT, RENE, CA
[71] LONGYEAR TM, INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/028382)
[87] (WO2014/144108)
[30] US (61/792,740) 2013-03-15

[21] **2,904,142**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/5377 (2006.01) A61P 1/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01) A61P 11/08 (2006.01) A61P 13/02 (2006.01) A61P 13/12 (2006.01) A61P 19/06 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **PYRAZOLE DERIVATIVE**
[54] **DERIVE DE PYRAZOLE**
[72] KAWANA, ASahi, JP
[72] KANAZAWA, CHIKASHI, JP
[72] TERA, MASAYUKI, JP
[72] TAKAHASHI, YOSHIMASA, JP
[72] IMAZEKI, MARIKO, JP
[72] TAKAHASHI, HIROYUKI, JP
[72] TANOKURA, AKIRA, JP
[71] TEIJIN PHARMA LIMITED, JP
[85] 2015-09-04
[86] 2014-03-28 (PCT/JP2014/059912)
[87] (WO2014/157740)
[30] JP (2013-072788) 2013-03-29

[21] **2,904,143**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/5025 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **NANOPARTICULATE AND MACROPARTICULATE FORMULATIONS**
[54] **FORMULATIONS NANOPARTICULAIRES ET MACROPARTICULAIRES**
[72] BROWN, PETER D., US
[72] DRAGER, ANTHONY S., US
[71] CEPHALON, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/023922)
[87] (WO2014/164957)
[30] US (61/776,964) 2013-03-12

[21] **2,904,144**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD OF CALCULATING A SCORE OF A MEDICAL SUGGESTION AS A SUPPORT IN MEDICAL DECISION MAKING**
[54] **PROCEDE DE CALCUL D'UN SCORE D'UNE SUGGESTION MEDICALE EN TANT QUE SUPPORT DANS UNE PRISE DE DECISION MEDICALE**
[72] TAKLA, MICHAEL, DE
[72] HEIMANN, DIERK, DE
[72] HAGELE, MICHAEL, DE
[72] LEIDENBERGER, FREIMUT, DE
[71] MEDESSO GMBH, DE
[85] 2015-09-04
[86] 2014-03-07 (PCT/EP2014/054502)
[87] (WO2014/135699)
[30] EP (13158164.7) 2013-03-07

[21] **2,904,145**
[13] A1

[51] **Int.Cl. H01L 31/042 (2014.01) H01L 31/05 (2014.01) H02J 3/38 (2006.01)**
[25] EN
[54] **INTEGRATED SOLAR PANEL**
[54] **PANNEAU SOLAIRE INTEGRE**
[72] ESTES, CHRISTOPHER A., US
[71] SUNCULTURE SOLAR INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/028723)
[87] (WO2014/144354)
[30] US (13/843,573) 2013-03-15
[30] US (61/946,338) 2014-02-28

[21] **2,904,146**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **A CELL EXPRESSION SYSTEM**
[54] **SYSTEME D'EXPRESSION CELLULAIRE**
[72] SUNSTROM, NOELLE, AU
[71] NEUCLONE BIOLOGICS PTY LTD, AU
[85] 2015-09-04
[86] 2014-02-17 (PCT/AU2014/000129)
[87] (WO2014/134657)
[30] AU (2013900808) 2013-03-08
[30] AU (2013900804) 2013-03-08

[21] **2,904,147**
[13] A1

[51] **Int.Cl. E02F 3/24 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **BUCKET WHEEL FOR REMOVING MATERIALS FROM A MATERIAL COMPOSITE, PARTICULARLY OF HIGH HARDNESS**
[54] **ROUE A PALETTES DESTINEE AU DEMONTAGE DE MATERIAUX D'UN ASSEMBLAGE DE MATERIAUX PRESENTANT EN PARTICULIER UNE DURETE ELEVEE**
[72] RAAZ, VIKTOR, DE
[72] GEESMANN, FRANZ-OTTO, DE
[72] BUTTERBACH, EDELTRAUD, DE
[72] HOFMANN, BASTIAN, DE
[72] GRUSZIEN, CHRISTIAN, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2015-09-04
[86] 2014-03-10 (PCT/EP2014/054547)
[87] (WO2014/139927)
[30] DE (10 2013 102 407.6) 2013-03-11

[21] **2,904,148**
[13] A1

[51] **Int.Cl. C07D 403/10 (2006.01) A61K 31/506 (2006.01)**
[25] EN
[54] **DEUTERATED PACRITINIB**
[54] **PACRITINIB DEUTERIE**
[72] HARBESON, SCOTT L., US
[71] CONCERT PHARMACEUTICALS, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/023968)
[87] (WO2014/159511)
[30] US (61/785,727) 2013-03-14

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[21] 2,904,149 [13] A1	[21] 2,904,151 [13] A1	[21] 2,904,152 [13] A1
[51] Int.Cl. A61K 45/06 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)	[51] Int.Cl. C12N 7/00 (2006.01) A61K 31/7105 (2006.01) A61K 47/48 (2006.01)	[51] Int.Cl. C07D 401/14 (2006.01) A61K 31/433 (2006.01) A61P 35/00 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)
[25] EN	[25] EN	[25] EN
[54] USE OF (RS)-S-CYCLOPROPYL-S-(4-{4-[(1R,2R)-2-HYDROXY-1-METHYLPROPYL]-OXY}-5-(TRIFLUOROMETHYL)PYRIMIDI N-2-YL]AMINO}PHENYL)SULFOXIMI DE FOR TREATMENT OF SPECIFIC TUMOURS	[54] CFTR MRNA COMPOSITIONS AND RELATED METHODS AND USES	[54] 3-(ARYL OR HETEROARYL) METHYLENEINDOLIN-2-ONE DERIVATIVES AS INHIBITORS OF CANCER STEM CELL PATHWAY KINASES FOR THE TREATMENT OF CANCER
[54] UTILISATION DE (RS)-S-CYCLOPROPYL-S-(4-{4-[(1R,2R)-2-HYDROXY-1-METHYLPROPYL]OXY}-5-(TRIFLUOROMETHYL)PYRIMIDI N-2-YL]AMINO}PHENYL)SULFOXIMI DE POUR LE TRAITEMENT DE TUMEURS SPECIFIQUES	[54] COMPOSITION A BASE D'ARNM DU GENE CFTR ET PROCEDES ET UTILISATIONS ASSOCIES	[54] DERIVES DE 3-(ARYL OU HETEROARYL)METHYLENEINDOLIN-2-ONE EN TANT QU'INHIBITEURS DE KINASES DE LA VOIE DES CELLULES SOUCHES CANCEREUSES POUR LE TRAITEMENT DE CANCER
[72] SIEMEISTER, GERHARD, DE	[72] HEARTLEIN, MICHAEL, US	[72] LI, CHIANG J., US
[72] RIBRAG, VINCENT, FR	[72] GUILD, BRAYDON CHARLES, US	[72] LIU, JI-FENG, US
[72] CAMARA-CLAYETTE, VALERIE, FR	[72] DEROSA, FRANK, US	[72] LI, WEI, US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE	[72] RUDOLPH, CARSTEN, DE	[72] GIBEAU, AMANDA, US
[85] 2015-09-04	[72] PLANK, CHRISTIAN, DE	[72] ROGOFF, HARRY, US
[86] 2014-02-28 (PCT/EP2014/053975)	[72] SMITH, LIANNE, US	[72] TSUBOI, KATSUNORI, JP
[87] (WO2014/135460)	[71] SHIRE HUMAN GENETIC THERAPIES, INC., US	[72] TAKANASHI, YOSUKE, JP
[30] DE (10 2013 203 913.1) 2013-03-07	[71] ETHRIS GMBH, DE	[72] TOJO, SHINGO, JP
	[85] 2015-09-03	[72] KODAMA, TOMOHIRO, JP
	[86] 2014-03-14 (PCT/US2014/028849)	[72] KUBOTA, KATSUMI, JP
	[87] (WO2014/153052)	[72] KANAI, TOSHIO, JP
	[30] US (61/783,663) 2013-03-14	[71] BOSTON BIOMEDICAL, INC., US
		[85] 2015-09-03
		[86] 2014-03-13 (PCT/US2014/026498)
		[87] (WO2014/160401)
		[30] US (61/780,263) 2013-03-13
		[30] US (61/780,248) 2013-03-13
[21] 2,904,150 [13] A1		
[51] Int.Cl. H04L 29/06 (2006.01) H04W 12/10 (2009.01) H04L 9/32 (2006.01)		
[25] EN		
[54] METHOD, SYSTEM, AND DEVICE FOR GENERATING, STORING, USING, AND VALIDATING NFC TAGS AND DATA		
[54] PROCEDE, SYSTEME ET DISPOSITIF DE GENERATION, DE STOCKAGE, D'UTILISATION ET DE VALIDATION D'ETIQUETTES ET DE DONNEES NFC		
[72] HOYER, PHILIP, GB		
[72] LOVELOCK, JULIAN ERIC, US		
[72] ROBINTON, MARK, US		
[71] ASSA ABLOY AB, SE		
[85] 2015-09-04		
[86] 2014-02-21 (PCT/IB2014/000812)		
[87] (WO2014/140807)		
[30] US (61/794,447) 2013-03-15		
[30] US (61/794,371) 2013-03-15		

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[21] **2,904,153**
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR HYDRAULIC FRACTURING AND EVALUATION AND DIAGNOSTICS OF HYDRAULIC FRACTURES USING INFUSED POROUS CERAMIC PROPPANT**

[54] **COMPOSITION ET PROCEDE DE FRACTURATION HYDRAULIQUE ET EVALUATION ET DIAGNOSTICS DE FRACTURES HYDRAULIQUES A L'AIDE D'UN AGENT DE SOUTENEMENT CERAMIQUE POREUX INFUSE**

[72] DUENCKEL, ROBERT, US
[72] CONNER, MARK, US
[72] CANNAN, CHAD, US
[72] CADY, DANIEL, US
[72] LEASURE, JOSHUA, US
[72] LIENG, THU, US
[72] ROPER, TODD, US
[72] READ, PETER A., GB
[71] CARBO CERAMICS INC., US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/028886)
[87] (WO2014/144464)
[30] US (61/787,724) 2013-03-15
[30] US (61/803,652) 2013-03-20
[30] US (61/883,788) 2013-09-27
[30] US (61/885,334) 2013-10-01
[30] US (61/914,441) 2013-12-11
[30] US (61/929,761) 2014-01-21

[21] **2,904,154**
[13] A1

[51] **Int.Cl. C09D 201/08 (2006.01) C09D 7/12 (2006.01) C09D 7/14 (2006.01)**

[25] EN

[54] **MICROGELS PREPARED USING HYBRID CROSSLINKER SYSTEMS AND COATING COMPOSITIONS HAVING MICROGELS PREPARED THEREFROM**

[54] **MICROGELS PREPARES A L'AIDE DE SYSTEMES DE RETICULANTS HYBRIDES ET REVETEMENTS PRESENTANT DES MICROGELS PREPARES A PARTIR DE CEUX-CI**

[72] CRAUN, GARY PIERCE, US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2015-09-04
[86] 2014-03-11 (PCT/EP2014/054624)
[87] (WO2014/139972)
[30] US (61/781,343) 2013-03-14
[30] EP (13169100.8) 2013-05-24

[21] **2,904,155**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/50 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR ADMINISTRATION TO SUBJECTS WITH DYSPHAGIA**

[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION A DES SUJETS SOUFFRANT DE DYSPHAGIE**

[72] BARNES, DAVID, CA
[72] BARKER, JONATHAN, CA
[72] HAGGERTY, STEPHEN, CA
[71] BARNES, DAVID, CA
[71] BARKER, JONATHAN, CA
[71] HAGGERTY, STEPHEN, CA
[85] 2015-09-04
[86] 2014-03-14 (PCT/IB2014/001041)
[87] (WO2014/140867)
[30] US (61/788,038) 2013-03-15

[21] **2,904,156**
[13] A1

[51] **Int.Cl. C12N 15/864 (2006.01) C12N 15/113 (2010.01) A61K 35/76 (2015.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/63 (2006.01) C12N 15/86 (2006.01) C12N 15/87 (2006.01) C40B 40/02 (2006.01) A61K 31/7088 (2006.01) A61K 38/17 (2006.01) C07K 14/745 (2006.01)**

[25] EN

[54] **VECTORS COMPRISING STUFFER/FILLER POLYNUCLEOTIDE SEQUENCES AND METHODS OF USE**

[54] **VECTEURS COMPRENANT DES SEQUENCES POLYNUCLEOTIDIQUES DE GARNISSAGE/DE REMPLISSAGE ET LEURS PROCEDES D'UTILISATION**

[72] WRIGHT, J. FRASER, US
[72] ZELENIAIA, OLGA, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2015-09-03
[86] 2014-03-14 (PCT/US2014/028911)
[87] (WO2014/144486)
[30] US (61/799,342) 2013-03-15

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[21] **2,904,157**
[13] A1

[51] **Int.Cl. A23L 1/09 (2006.01) A61K 31/70 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 19/08 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **USE OF SPECIFIC CARBOHYDRATE SYSTEMS DURING PREGNANCY FOR IMPROVING BONE DEVELOPMENT AND FORMATION AND/OR FOR IMPROVING COGNITIVE AND CNS DEVELOPMENT IN OFFSPRING**

[54] **UTILISATION DE SYSTEMES DE GLUCIDES SPECIFIQUES PENDANT LA GROSSESSE POUR AMELIORER LE DEVELOPPEMENT ET LA FORMATION DES OS ET/OU POUR AMELIORER LE DEVELOPPEMENT COGNITIF ET DU SYSTEME NERVEUX CENTRAL DANS LA PROGENITURE**

[72] PEDROSA, JOSE MARIA LOPEZ, ES
[72] MARTIN, MANUEL CRISTOBAL MANZANO, ES
[72] MARTIN, MARIA-JESUS MARTIN, ES
[72] DELGADO, ELENA OLIVEROS, ES
[72] CABRERA, RICARDO RUEDA, ES
[72] VARGAS, MARIA DEL PILAR BUENO, ES
[71] ABBOTT LABORATORIES, US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/023971)
[87] (WO2014/150687)
[30] EP (13382088.6) 2013-03-15

[21] **2,904,158**
[13] A1

[51] **Int.Cl. H05K 5/02 (2006.01)**

[25] EN

[54] **SUPPORT DEVICE AND SUPPORT METHOD**

[54] **DISPOSITIF DE SUPPORT ET METHODE DE SUPPORT**

[72] TERAQ, CHIAKI, JP
[71] NEC PLATFORMS, LTD., JP
[85] 2015-09-11
[86] 2014-08-05 (PCT/JP2014/071137)
[87] (WO2015/029759)
[30] JP (2013-177190) 2013-08-28

[21] **2,904,159**
[13] A1

[51] **Int.Cl. C09D 4/00 (2006.01) C08F 220/00 (2006.01) C08G 77/00 (2006.01) C09D 183/00 (2006.01)**

[25] EN

[54] **HYBRID LATEX EMULSIONS AND COATING COMPOSITIONS FORMED FROM HYBRID LATEX EMULSIONS**

[54] **EMULSIONS LATEX HYBRIDES ET COMPOSITIONS DE REVETEMENT FORMEES A PARTIR D'EMULSIONS LATEX HYBRIDES**

[72] LI, CATHY, US
[72] MEMMER, TIMOTHY I., US
[72] SCAVUZZO, DEREK, US
[72] BODE, DANIEL, US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2015-09-04
[86] 2014-03-11 (PCT/EP2014/054625)
[87] (WO2014/139973)
[30] US (61/781,565) 2013-03-14
[30] EP (13171104.6) 2013-06-07

[21] **2,904,160**
[13] A1

[51] **Int.Cl. C07C 233/64 (2006.01) C12N 5/077 (2010.01) A61K 31/18 (2006.01) A61K 31/192 (2006.01) A61K 31/27 (2006.01) A61K 31/277 (2006.01) A61K 31/357 (2006.01) A61K 31/4035 (2006.01) A61K 31/415 (2006.01) A61K 31/42 (2006.01) A61K 31/426 (2006.01) A61K 31/44 (2006.01) A61K 31/635 (2006.01) A61P 19/02 (2006.01) C07C 255/49 (2006.01) C07C 275/42 (2006.01) C07C 311/01 (2006.01) C07D 209/46 (2006.01) C07D 295/26 (2006.01) C07D 307/88 (2006.01)**

[25] EN

[54] **COMPOUNDS AND METHODS FOR INDUCING CHONDROGENESIS**

[54] **COMPOSES ET PROCEDES POUR L'INDUCTION DE LA CHONDROGENESE**

[72] SCHULTZ, PETER G., US
[72] CHATTERJEE, ARNAB K., US
[72] ZHU, SHOUTIAN, US
[72] PAYETTE, JOSHUA, US
[72] YOON, HONGCHUL, US
[72] YANG, BAIYUAN, US
[71] THE CALIFORNIA INSTITUTE FOR BIOMEDICAL RESEARCH, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/026722)
[87] (WO2014/151953)
[30] US (61/794,094) 2013-03-15

[21] **2,904,161**
[13] A1

[51] **Int.Cl. A63H 17/00 (2006.01) A63H 17/26 (2006.01) A63H 17/39 (2006.01) A63H 30/04 (2006.01)**

[25] EN

[54] **TRANSFORMABLE TOY CAR**

[54] **PETITE VOITURE TRANSFORMABLE**

[72] CHOI, SHIN-KYU, KR
[71] CHOI, SHIN-KYU, KR
[85] 2015-09-04
[86] 2014-04-02 (PCT/KR2014/002810)
[87] (WO2014/163387)
[30] KR (10-2013-0036555) 2013-04-03

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[21] **2,904,162**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/132 (2006.01) A61H 9/00 (2006.01)**

[25] EN

[54] **METHODS RELATING TO THE USE OF REMOTE ISCHEMIC CONDITIONING**

[54] **METHODES SE RAPPORTANT A L'UTILISATION DU CONDITIONNEMENT ISCHEMIQUE A DISTANCE**

[72] REDINGTON, ANDREW, CA

[71] THE HOSPITAL FOR SICK CHILDREN, CA

[85] 2015-09-04

[86] 2014-03-14 (PCT/IB2014/001992)

[87] (WO2014/199239)

[30] US (61/801,665) 2013-03-15

[21] **2,904,164**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **MIR-204 AND MIR-211 AND USES THEREOF**

[54] **MIR-204 ET MIR-211 ET LEURS UTILISATIONS**

[72] SURACE, ENRICO MARIA, IT

[72] BANFI, SANDRO, IT

[72] CONTE, IVAN, IT

[72] KARALI, MARIANTHI, IT

[72] MARROCCO, ELENA, IT

[71] FONDAZIONE TELETHON, IT

[85] 2015-09-04

[86] 2014-03-11 (PCT/EP2014/054755)

[87] (WO2014/140051)

[30] EP (13158603.4) 2013-03-11

[21] **2,904,167**
[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01)**

[25] EN

[54] **CELL CULTURE MEDIA COMPOSITION AND METHODS OF PRODUCING THEREOF**

[54] **COMPOSITION DE MILIEUX DE CULTURE CELLULAIRE ET PROCEDES DE PRODUCTION ASSOCIES**

[72] SUNSTROM, NOELLE, AU

[71] NEUCLONE BIOLOGICS PTY LTD, AU

[85] 2015-09-04

[86] 2014-02-17 (PCT/AU2014/000130)

[87] (WO2014/134658)

[30] AU (2013900809) 2013-03-08

[21] **2,904,163**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR FACILITATING VEHICLE TRANSACTIONS**

[54] **SYSTEMES ET PROCEDES POUR FACILITER DES TRANSACTIONS DE VEHICULE**

[72] BURGISS, MICHAEL JOHN, US

[72] KROHNE, MARTIN, US

[72] O'BRIEN, JIM, US

[72] POMERANTZ, BRETT Z., US

[71] AUTOTRADER.COM, INC., US

[85] 2015-09-03

[86] 2014-03-14 (PCT/US2014/029001)

[87] (WO2014/144543)

[30] US (13/840,475) 2013-03-15

[30] US (13/972,366) 2013-08-21

[30] US (14/062,841) 2013-10-24

[21] **2,904,165**
[13] A1

[51] **Int.Cl. C09J 7/02 (2006.01) B32B 7/12 (2006.01) B32B 37/02 (2006.01)**

[25] EN

[54] **FOAM DUCT TAPE**

[54] **RUBAN ADHESIF ENTOILE AVEC MOUSSE**

[72] SAS, TIMOTHY, US

[71] SHURTECH BRANDS, LLC, US

[85] 2015-09-03

[86] 2014-03-12 (PCT/US2014/024061)

[87] (WO2014/164993)

[30] US (13/797,422) 2013-03-12

[21] **2,904,166**
[13] A1

[51] **Int.Cl. A61K 47/22 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) G01N 27/416 (2006.01)**

[25] EN

[54] **FORMULATIONS WITH REDUCED OXIDATION**

[54] **FORMULATIONS AYANT UNE OXYDATION REDUITE**

[72] ALAVATTAM, SREEDHARA, US

[72] MALLANEY, MARY, US

[72] GREWAL, PARBIR, US

[71] GENENTECH, INC., US

[85] 2015-09-03

[86] 2014-03-13 (PCT/US2014/026841)

[87] (WO2014/160495)

[30] US (61/780,845) 2013-03-13

[30] US (61/909,813) 2013-11-27

[21] **2,904,168**
[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/68 (2006.01) C09K 8/74 (2006.01)**

[25] EN

[54] **SYNERGISTIC EFFECT OF COSURFACTANTS ON THE RHEOLOGICAL PERFORMANCE OF DRILLING, COMPLETION AND FRACTURING FLUIDS**

[54] **EFFET SYNERGIQUE DE CO-TENSIOACTIFS SUR LES PERFORMANCES RHEOLOGIQUES DE FLUIDES DE FORAGE, DE COMPLETION ET DE FRACTURATION**

[72] LI, LINGLING, US

[72] GADBERRY, JAMES F., US

[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL

[85] 2015-09-04

[86] 2014-03-12 (PCT/EP2014/054759)

[87] (WO2014/140055)

[30] US (61/793,695) 2013-03-15

[30] US (61/861,092) 2013-08-01

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[21] **2,904,169**
[13] A1

[51] **Int.Cl. A61K 47/22 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) G01N 27/416 (2006.01)**

[25] EN

[54] **FORMULATIONS WITH REDUCED OXIDATION**

[54] **FORMULATIONS AVEC OXYDATION REDUITE**

[72] ALAVATTAM, SREEDHARA, US

[72] MALLANEY, MARY, US

[72] GREWAL, PARBIR, US

[71] GENENTECH, INC., US

[85] 2015-09-03

[86] 2014-03-13 (PCT/US2014/026850)

[87] (WO2014/160497)

[30] US (61/780,852) 2013-03-13

[30] US (61/909,850) 2013-11-27

[21] **2,904,170**
[13] A1

[51] **Int.Cl. C07J 43/00 (2006.01) A61K 31/58 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **ANDROGEN RECEPTOR DOWN-REGULATING AGENTS AND USES THEREOF**

[54] **AGENTS DE DIMINUTION DU RECEPTEUR DES ANDROGENES ET LEURS UTILISATIONS**

[72] NJAR, VINCENT C.O., US

[72] GEDIYA, LALJI K., US

[72] PURUSHOTTAMACHAR, PURANIK, US

[72] GODBOLE, ABHIJIT, US

[72] KWEGYIR-AFFUL, ANDREW, US

[72] VASAITIS, TADAS, US

[71] UNIVERSITY OF MARYLAND, BALTIMORE, US

[71] UNIVERSITY OF MARYLAND EASTERN SHORE, US

[71] THOMAS JEFFERSON UNIVERSITY, US

[85] 2015-09-03

[86] 2014-03-14 (PCT/US2014/029667)

[87] (WO2014/153215)

[30] US (61/782,383) 2013-03-14

[21] **2,904,171**
[13] A1

[51] **Int.Cl. B67D 7/00 (2010.01)**

[25] EN

[54] **POURING SPOUT FOR DISPENSING A LIQUID PRESENT IN A LIQUID CONTAINER**

[54] **BEC VERSEUR POUR DISTRIBUER UN LIQUIDE PRESENT DANS UN RECIPIENT DE LIQUIDE**

[72] VAN GELDER, PETER HEINZ MARIA, NL

[72] VAN GELDER, ERNST BARTHOLOMEUS MARIA, NL

[71] GVG OLIEHANDEL B.V., NL

[85] 2015-09-04

[86] 2014-03-07 (PCT/NL2014/050137)

[87] (WO2014/137216)

[30] NL (2010407) 2013-03-07

[21] **2,904,172**
[13] A1

[51] **Int.Cl. C10G 65/04 (2006.01) C10G 45/22 (2006.01) C10G 45/58 (2006.01) C10G 45/60 (2006.01) C10G 45/62 (2006.01) C10G 45/64 (2006.01) C10G 49/20 (2006.01) C10G 49/22 (2006.01) C10L 1/08 (2006.01)**

[25] EN

[54] **PROCESS FOR IMPROVING COLD FLOW PROPERTIES AND INCREASING YIELD OF MIDDLE DISTILLATE FEEDSTOCK THROUGH LIQUID FULL HYDROTREATING AND DEWAXING**

[54] **PROCEDE D'AMELIORATION DES PROPRIETES D'ECOULEMENT A FROID ET D'AUGMENTATION DU RENDEMENT DE CHARGE DE DISTILLAT MOYEN PAR HYDROTRAITEMENT ET DEPARAFFINAGE ASSOCIES A UN SYSTEME REMPLI DE LIQUIDE**

[72] DINDI, HASAN, US

[72] PALIT, SANDEEP, US

[72] PULLEY, ALAN HOWARD, US

[72] MURILLO, LUIS EDUARDO, US

[72] TA, THANH GIA, US

[72] BOEGER, BRIAN, US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2015-09-03

[86] 2014-03-12 (PCT/US2014/024190)

[87] (WO2014/159560)

[30] US (61/781,438) 2013-03-14

[21] **2,904,173**
[13] A1

[51] **Int.Cl. C08F 265/06 (2006.01) B65D 25/14 (2006.01) C08F 8/32 (2006.01) C08F 8/42 (2006.01) C08J 3/03 (2006.01) C09D 151/00 (2006.01)**

[25] EN

[54] **HYBRID WATER DISPERSIONS, (POLY)ETHYLENE (METH)ACRYLIC ACID COPOLYMER COMPOSITE LATEX EMULSIONS, HYBRID (POLY)ETHYLENE (METH)ACRYLIC ACID ORGANOSILANE COMPOSITE LATEX EMULSIONS, AND COATING COMPOSITIONS FORMED THEREFROM**

[54] **DISPERSIONS HYBRIDES AQUEUSES, EMULSIONS DE LATEX COMPOSITE CONTENANT UN COPOLYMER DE POLY(ETHYLENE)-ACIDE (METH)ACRYLIQUE, EMULSIONS HYBRIDES DE LATEX COMPOSITE CONTENANT UN COPOLYMERE POLY(ETHYLENE)-ACIDE (METH)ACRYLIQUE ET UN ORGANOSILANE, ET COMPOSITIONS DE REVETEMENT ASSOCIEES**

[72] LI, CATHY, US

[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL

[85] 2015-09-04

[86] 2014-03-12 (PCT/EP2014/054762)

[87] (WO2014/140057)

[30] US (61/802,028) 2013-03-15

[30] EP (13178524.8) 2013-07-30

[21] **2,904,174**
[13] A1

[51] **Int.Cl. A01G 23/083 (2006.01) A01G 23/093 (2006.01)**

[25] EN

[54] **A TIMBER-WORKING DEVICE AND METHOD OF OPERATION**

[54] **DISPOSITIF DE TRAVAIL DE BOIS D'□UVRE ET PROCEDE DE FONCTIONNEMENT**

[72] SWINYARD, DOUGLAS CRAIG, NZ

[72] KAYE, BRETT JAMES, NZ

[71] WARATAH NZ LIMITED, NZ

[85] 2015-09-04

[86] 2014-12-02 (PCT/NZ2014/000240)

[87] (WO2015/084184)

[30] NZ (618511) 2013-12-02

PCT Applications Entering the National Phase

[21] **2,904,175**
[13] A1

[51] **Int.Cl. B64D 37/30 (2006.01) B64D 37/34 (2006.01) F02C 3/22 (2006.01) F02C 7/224 (2006.01) F02C 9/40 (2006.01)**

[25] EN

[54] **ENERGY-EFFICIENT AND CONTROLLED VAPORIZATION OF CRYOFUELS FOR AIRCRAFT ENGINES**

[54] **VAPORISATION REGULEE ET ECOENERGETIQUE DE COMBUSTIBLES CRYOGENIQUES POUR MOTEURS D'AVION**

[72] KAMATH, DEEPAK MANOHAR, US
[72] DELGADO, ADON, JR., US
[72] EPSTEIN, MICHAEL JAY, US
[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024267)
[87] (WO2014/200582)
[30] US (61/786,723) 2013-03-15

[21] **2,904,176**
[13] A1

[51] **Int.Cl. G06F 13/372 (2006.01)**

[25] FR

[54] **BANDWIDTH CONTROL METHOD FOR AN ON-CHIP SYSTEM**

[54] **PROCEDE DE CONTROLE DE BANDE PASSANTE POUR SYSTEME SUR PUCE**

[72] LIU, CELINE, FR
[72] CHARRIER, NICOLAS, FR
[72] MARTI, NICOLAS, FR
[71] SAGEM DEFENSE SECURITE, FR

[85] 2015-09-04
[86] 2014-03-04 (PCT/EP2014/054121)
[87] (WO2014/135513)
[30] FR (1352017) 2013-03-06

[21] **2,904,177**
[13] A1

[51] **Int.Cl. A01G 23/083 (2006.01) A01G 23/093 (2006.01)**

[25] EN

[54] **A TIMBER-WORKING DEVICE AND METHOD OF OPERATION**

[54] **DISPOSITIF D'ABATTAGE-FACONNAGE DE BOIS ET PROCEDE DE FONCTIONNEMENT**

[72] SWINYARD, DOUGLAS CRAIG, NZ
[72] KAYE, BRETT JAMES, NZ
[72] GAMBLE, PAUL, NZ
[71] WARATAH NZ LIMITED, NZ

[85] 2015-09-04
[86] 2014-12-02 (PCT/NZ2014/000241)
[87] (WO2015/084185)
[30] NZ (618438) 2013-12-02

[21] **2,904,178**
[13] A1

[51] **Int.Cl. C09C 1/50 (2006.01) B01J 19/26 (2006.01) C08K 3/04 (2006.01)**

[25] EN

[54] **CARBON BLACK COMPOSITIONS**

[54] **COMPOSITIONS DE NOIR DE CARBONE**

[72] SCHWAIGER, BERNHARD, DE
[72] NIEDERMEIER, WERNER, DE
[72] PELSTER, THOMAS, DE
[72] SCHINKEL, ARNDT-PETER, DE
[72] TEIKE, SILKE, DE
[72] VOGLER, CONNY, DE
[71] ORION ENGINEERED CARBONS GMBH, DE

[85] 2015-09-04
[86] 2014-03-13 (PCT/EP2014/055042)
[87] (WO2014/140228)
[30] EP (13159552.2) 2013-03-15

[21] **2,904,179**
[13] A1

[51] **Int.Cl. B29C 41/08 (2006.01) B29C 41/36 (2006.01) A61F 2/02 (2006.01) B29C 41/34 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PRODUCING A BIOCOMPATIBLE THREE-DIMENSIONAL OBJECT**

[54] **APPAREIL ET PROCEDE POUR PRODUIRE UN OBJET TRIDIMENSIONNEL BIOCOMPATIBLE**

[72] BACCHERETI, MARCO, IT
[72] BOSIO, LUCA, IT
[72] SOLDANI, GIORGIO, IT
[71] S.M. SCIENZA MACHINALE S.R.L., IT

[85] 2015-09-04
[86] 2014-02-27 (PCT/IB2014/059291)
[87] (WO2014/136021)
[30] IT (PI2013A000015) 2013-03-07

[21] **2,904,180**
[13] A1

[51] **Int.Cl. A61K 31/7072 (2006.01) A61K 31/7064 (2006.01) A61K 31/7068 (2006.01) A61P 25/04 (2006.01) A61P 25/28 (2006.01) A61P 27/06 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07H 19/067 (2006.01)**

[25] EN

[54] **URIDINE NUCLEOSIDE DERIVATIVES, COMPOSITIONS AND METHODS OF USE**

[54] **DERIVES D'URIDINE NUCLEOSIDE, COMPOSITIONS ET PROCEDES D'UTILISATION**

[72] HAYDON, PHILIP G., US
[72] LEE, JINBO, US
[71] TUFTS UNIVERSITY, US

[85] 2015-09-03
[86] 2014-03-13 (PCT/US2014/026865)
[87] (WO2014/160502)
[30] US (61/780,219) 2013-03-13
[30] US (61/883,604) 2013-09-27

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[21] **2,904,181**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **IMPROVED ASSAY METHODS**
[54] **PROCEDES DE DOSAGE AMELIORES**
[72] AGHVANYAN, ANAHIT, US
[72] GLEZER, ELI N., US
[72] KENTEN, JOHN, US
[72] SIGAL, GEORGE, US
[72] STENGELIN, MARTIN, US
[71] MESO SCALE TECHNOLOGIES, LLC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024279)
[87] (WO2014/165061)
[30] US (61/779,050) 2013-03-13
[30] US (61/919,887) 2013-12-23

[21] **2,904,183**
[13] A1

[51] **Int.Cl. D02G 3/36 (2006.01) D01F 8/06 (2006.01) D02G 3/02 (2006.01) D02G 3/22 (2006.01) D02G 3/32 (2006.01) D02G 3/38 (2006.01) D03D 15/00 (2006.01) D03D 15/08 (2006.01)**
[25] EN
[54] **FABRIC SYSTEM**
[54] **SYSTEME DE TISSU**
[72] THOMSON, MATTHEW, AU
[72] THOMSON, SCOTT, AU
[72] RATHUGAMAN, PUSHPAJI SHYAMAL, AU
[71] GRT DEVELOPMENTS PTY LIMITED, AU
[71] RMIT UNIVERSITY, AU
[85] 2015-09-04
[86] 2014-03-07 (PCT/AU2014/000220)
[87] (WO2014/134682)
[30] AU (2013900785) 2013-03-07

[21] **2,904,184**
[13] A1

[51] **Int.Cl. C07C 217/58 (2006.01) A61K 31/137 (2006.01)**
[25] EN
[54] **LIPIDS AND LIPID COMPOSITIONS FOR THE DELIVERY OF ACTIVE AGENTS**
[54] **LIPIDES ET COMPOSITIONS LIPIDIQUES POUR L'ADMINISTRATION DE PRINCIPES ACTIFS**
[72] BARYZA, JEREMY LEE, US
[72] BECKWITH, ROHAN ERIC JOHN, US
[72] BOWMAN, KEITH, US
[72] BYERS, CRYSTAL, US
[72] FAZAL, TANZINA, US
[72] GAMBER, GABRIEL GRANT, US
[72] LEE, CAMERON CHUCK-MUNN, US
[72] TICHKULE, RITESH BHANUDASJI, US
[72] VARGESE, CHANDRA, US
[72] WANG, SHUANGXI, US
[72] WEST, LAURA, US
[72] ZABAWA, THOMAS, US
[72] ZHAO, JUNPING, US
[71] NOVARTIS AG, CH
[85] 2015-09-04
[86] 2014-03-06 (PCT/IB2014/059503)
[87] (WO2014/136086)
[30] US (61/774,759) 2013-03-08
[30] US (61/918,162) 2013-12-19

[21] **2,904,185**
[13] A1

[51] **Int.Cl. C23C 30/00 (2006.01) C23C 28/02 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **COATINGS FOR METALLIC SUBSTRATES**
[54] **REVETEMENTS POUR SUBSTRATS METALLIQUES**
[72] MOURER, DAVID PAUL, US
[72] AJDELSZTAJN, LEONARDO, US
[72] BAIN, KENNETH REES, US
[72] DETOR, ANDREW JOSEPH, US
[72] EMGE, ANDREW WILLIAM, US
[72] RUUD, JAMES ANTHONY, US
[72] WEIMER, MICHAEL JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024299)
[87] (WO2014/165073)
[30] US (61/779,427) 2013-03-13

[21] **2,904,186**
[13] A1

[51] **Int.Cl. B32B 3/12 (2006.01) B32B 3/26 (2006.01) B32B 15/01 (2006.01) B64C 7/02 (2006.01) B64D 29/00 (2006.01) F02C 7/24 (2006.01) F02K 1/82 (2006.01)**
[25] EN
[54] **SUPERPLASTIC FORMING/DIFFUSION BONDING STRUCTURE FOR ATTENUATION OF NOISE FROM AIR FLOW**
[54] **STRUCTURE DE SOUDAGE PAR DIFFUSION/FORMATION SUPERPLASTIQUE POUR ATTENUATION DU BRUIT PROVENANT DU DEBIT D'AIR**
[72] RUNYAN, MAX R., US
[72] SANDERS, DANIEL G., US
[72] HEFTI, LARRY D., US
[72] PAPPENFUSS, DAVID R., US
[72] MAULDIN, JACK W., US
[72] LEON, LUIS R., US
[71] THE BOEING COMPANY, US
[85] 2015-09-04
[86] 2013-06-13 (PCT/US2013/045727)
[87] (WO2014/200499)

[21] **2,904,187**
[13] A1

[51] **Int.Cl. G08B 25/10 (2006.01) H04L 29/02 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROMPT VIDEO-DATA MESSAGE TRANSFER TO PERSONAL DEVICES**
[54] **PROCEDE ET SYSTEME DE TRANSFERT RAPIDE DE MESSAGES DE TYPE VIDEO OU DONNEES VERS DES DISPOSITIFS PERSONNELS**
[72] PTITSYN, NIKOLAI VADIMOVICH, RU
[71] OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "SINEZIS", RU
[85] 2015-09-04
[86] 2013-12-30 (PCT/RU2013/001193)
[87] (WO2014/137241)
[30] EA (201300533) 2013-03-07

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[21] **2,904,188**
[13] A1

[51] **Int.Cl. B60G 3/20 (2006.01) B60G 7/02 (2006.01) B60G 11/12 (2006.01)**
[25] EN
[54] **A DYNAMICALLY-SUPPORTED MOVABLE DOWNFORCE-GENERATING UNDERBODY IN A MOTOR VEHICLE**
[54] **DESSOUS DE CAISSE MOBILE, GENERANT UN APPUI ET SOUTENU DYNAMIQUEMENT, DANS UN VEHICULE A MOTEUR**
[72] PRENTICE, MICHAEL, US
[71] PRENTICE, MICHAEL, US
[85] 2015-09-04
[86] 2013-03-05 (PCT/US2013/029149)
[87] (WO2013/134283)
[30] US (13/413,064) 2012-03-06

[21] **2,904,189**
[13] A1

[51] **Int.Cl. A23G 3/34 (2006.01) A23G 3/40 (2006.01) A23G 3/42 (2006.01) A23G 3/54 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A CONFECTIONERY, AND CONFECTIONERIES THUS OBTAINED**
[54] **PROCEDE POUR PREPARER UNE CONFISERIE, ET CONFISERIES AINSI OBTENUES**
[72] OKUBO, YOSHITAKA, JP
[72] WANG, QINGLI, CN
[72] JIANG, PING, CN
[71] ROQUETTE FRERES, FR
[85] 2015-09-04
[86] 2014-03-14 (PCT/EP2014/055069)
[87] (WO2014/140250)
[30] CN (201310084390.0) 2013-03-15

[21] **2,904,190**
[13] A1

[51] **Int.Cl. A61B 18/02 (2006.01)**
[25] EN
[54] **CRYOSPRAY CATHETERS**
[54] **CATHETERS A CRYOPULVERISATION**
[72] FAN, WEI LI, US
[72] CORDERO, RAFAEL, US
[72] GRIFFIN, STEPHEN, US
[72] SHIA, BENEDICT, US
[72] BABKO-MALYI, SERGEI, US
[72] MCCARTIN, STEPHEN M., US
[71] CSA MEDICAL, INC., US
[85] 2015-09-04
[86] 2013-08-28 (PCT/US2013/057037)
[87] (WO2014/137383)
[30] US (13/784,596) 2013-03-04
[30] US (14/012,320) 2013-08-28

[21] **2,904,191**
[13] A1

[51] **Int.Cl. E04G 23/06 (2006.01) B66F 3/10 (2006.01) B66F 9/00 (2006.01) B66F 11/00 (2006.01) E04B 1/343 (2006.01) E04B 1/35 (2006.01)**
[25] EN
[54] **BUILDING SYSTEM**
[54] **SYSTEME DE CONSTRUCTION**
[72] JENNER, PHILIP EDWARD, AU
[71] UP FIRST CONSTRUCTION SYSTEMS PTY LTD, AU
[85] 2015-09-04
[86] 2014-03-10 (PCT/AU2014/000224)
[87] (WO2014/134684)
[30] AU (2013900823) 2013-03-08

[21] **2,904,192**
[13] A1

[51] **Int.Cl. C09C 1/42 (2006.01) C08K 3/34 (2006.01) C09C 3/06 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **COATED PERLITE FLAKES**
[54] **LAMELLES DE PERLITE ENDUITES**
[72] JONES, STEVEN ALAN, US
[71] BASF SE, DE
[85] 2015-09-04
[86] 2013-03-14 (PCT/US2013/031390)
[87] (WO2014/142884)

[21] **2,904,193**
[13] A1

[51] **Int.Cl. A01K 67/00 (2006.01) A01K 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR USE OF SEX SORTED SEMEN TO IMPROVE GENETIC MANAGEMENT IN SWINE**
[54] **PROCEDES DESTINES A UTILISER DU SPERME TRIE PAR SEXE POUR AMELIORER LA GESTION GENETIQUE CHEZ LES PORCS**
[72] VAN DER STEEN, HEIN, GB
[72] BEVIER, GREGG, US
[71] INGURAN, LLC, US
[85] 2015-09-04
[86] 2013-11-27 (PCT/US2013/072272)
[87] (WO2014/143223)
[30] US (13/840,598) 2013-03-15

[21] **2,904,194**
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01) H04W 84/18 (2009.01) F21S 8/00 (2006.01) F21V 23/00 (2015.01) G08C 17/02 (2006.01) H05B 39/04 (2006.01)**
[25] EN
[54] **WIRELESS LIGHT PAIRING, DIMMING AND CONTROL**
[54] **APPARIEMENT, GRADATION ET COMMANDE DE LUMIERE SANS FIL**
[72] DAVIS, BARRIE, AU
[72] DAVIS, BENJAMIN, AU
[71] KORTEK INDUSTRIES PTY LTD, AU
[85] 2015-09-04
[86] 2014-03-14 (PCT/AU2014/000283)
[87] (WO2014/138822)
[30] US (61/786,519) 2013-03-15

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[51] Int.Cl. G06Q 10/06 (2012.01) [25] EN [54] VENDOR MANAGEMENT SYSTEM AND METHOD FOR VENDOR RISK PROFILE AND RISK RELATIONSHIP GENERATION	[51] Int.Cl. C08F 10/00 (2006.01) [25] EN [54] ACTIVATOR-SUPPORTS IMPREGNATED WITH GROUP VIII TRANSITION METALS FOR POLYMER PROPERTY CONTROL	[51] Int.Cl. H02J 9/00 (2006.01) [25] EN [54] PARALLEL REDUNDANT POWER DISTRIBUTION
[54] SYSTEME DE GESTION DE FOURNISSEURS ET PROCEDE DE PROFILAGE DE RISQUES DE FOURNISSEURS AINSI QUE DE GENERATION DE RELATION RISQUEE	[54] SUPPORTS-ACTIVATEURS IMPREGNES DE METAUX DE TRANSITION DU GROUPE VIII POUR CONTROLER LES PROPRIETES	[54] DISTRIBUTION DE COURANT REDONDANTE PARALLELE
[72] MUHART, MATTHEW, US [72] PALMAR, JOSEPH M., US [72] GREEN, JAMES THOMAS, US [72] WRIGHT, GREGG JOHN, US [72] SHENOY, SURESH VENKATRAYA, US	[72] MCDANIEL, MAX P, US [72] YANG, QING, US [72] CRAIN, TONY R, US [72] COLLINS, KATHY S, US [71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US	[72] CHAPEL, STEVE, US [72] PACHOUD, WILLIAM, US [71] ZONIT STRUCTURED SOLUTIONS, LLC, US
[71] MEMORIAL HEALTHCARE SYSTEM, US	[85] 2015-09-04 [86] 2013-11-21 (PCT/US2013/071201) [87] (WO2014/137421) [30] US (13/789,816) 2013-03-08	[85] 2015-09-04 [86] 2014-02-26 (PCT/US2014/018788) [87] (WO2014/134218) [30] US (61/769,688) 2013-02-26 [30] US (61/798,155) 2013-03-15
[85] 2015-09-04 [86] 2013-03-14 (PCT/US2013/031575) [87] (WO2014/158125)		
[21] 2,904,196 [13] A1	[21] 2,904,198 [13] A1	[21] 2,904,200 [13] A1
[51] Int.Cl. B41M 1/00 (2006.01) B41M 1/10 (2006.01) B41M 5/00 (2006.01) E04F 15/02 (2006.01)	[51] Int.Cl. A61K 38/28 (2006.01) A61K 31/00 (2006.01) A61K 31/366 (2006.01) A61P 3/10 (2006.01) C12N 5/00 (2006.01) C12Q 1/00 (2006.01) G01N 33/00 (2006.01)	[51] Int.Cl. F23R 3/00 (2006.01) F23R 3/60 (2006.01)
[25] EN [54] METHOD FOR PRODUCING DECORATIVE PRINTS HAVING IDENTICAL QUALITY INDEPENDENTLY OF THE PRINTING METHOD USED AND A DEVICE FOR PERFORMING SAID METHOD	[25] EN [54] USE OF INSULIN SIGNALING ANTAGONISTS, OPTIONALLY IN COMBINATION OF TRANSFECTION OF NON-BETA CELLS, FOR INDUCING INSULIN PRODUCTION	[25] EN [54] DUAL-WALL IMPINGEMENT, CONVECTION, EFFUSION COMBUSTOR TILE
[54] PROCEDE DE GENERATION D'IMPRESSIIONS DE DECORS AVEC LA MEME QUALITE QUEL QUE SOIT LE PROCEDE D'IMPRESSION EMPLOYE ET DISPOSITIF DE MISE EN ~UVRE DUDIT PROCEDE	[54] UTILISATION D'ANTAGONISTES DE LA SIGNALISATION DE L'INSULINE, FACULTATIVEMENT EN COMBINAISON A LA TRANSFECTION DE CELLULES NON-BETA, POUR L'INDUCTION DE LA PRODUCTION D'INSULINE	[54] TUILE DE CHAMBRE DE COMBUSTION A EFFUSION, CONVEXION, IMPACT A DOUBLE PAROI
[72] LEHNHOFF, INGO, DE [71] FLOORING TECHNOLOGIES LTD., MT	[72] HERRERA, PEDRO, CH [72] THOREL, FABRIZIO, FR [72] CHERA, SIMONA, NO [71] UNIVERSITE DE GENEVE, CH	[72] PETTY, JACK D., US [72] RAZDAN, MOHAN, US [72] BELL, MICHAEL S., US [72] SMALLWOOD, MICHEL S., US [72] HEFFERNAN, TAB M., US [71] ROLLS-ROYCE CORPORATION, US [71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2015-09-04 [86] 2014-03-14 (PCT/EP2014/055071) [87] (WO2014/140252) [30] EP (13159174.5) 2013-03-14	[85] 2015-09-04 [86] 2014-03-14 (PCT/IB2014/059779) [87] (WO2014/141165) [30] US (61/787,054) 2013-03-15	[85] 2015-09-04 [86] 2013-12-03 (PCT/US2013/072931) [87] (WO2014/137428) [30] US (61/773,082) 2013-03-05

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[21] **2,904,201**
[13] A1

[51] **Int.Cl. C08K 5/00 (2006.01) C08K 3/00 (2006.01) C08K 5/098 (2006.01)**
[25] EN
[54] **STABILIZED POLYMER COMPOSITIONS AND METHODS OF MAKING SAME**
[54] **COMPOSITIONS DE POLYMERES STABILISEES ET LEURS PROCEDES DE FABRICATION**
[72] TORCHIA, STEVEN R., US
[72] HUDSON, RICH, US
[72] ROMANOVA, TATIANA, US
[71] BAERLOCHER GMBH, DE
[85] 2015-09-04
[86] 2014-03-17 (PCT/EP2014/055350)
[87] (WO2014/140383)
[30] US (61/789,731) 2013-03-15
[30] EP (13181133.3) 2013-08-21

[21] **2,904,202**
[13] A1

[51] **Int.Cl. C07K 14/255 (2006.01)**
[25] EN
[54] **NANOPORE BIOSENSORS FOR DETECTION OF PROTEINS AND NUCLEIC ACIDS**
[54] **BIOCAPTEURS DE NANOPORES POUR LA DETECTION DE PROTEINES ET D'ACIDES NUCLEIQUES**
[72] MAGLIA, GIOVANNI, BE
[72] SOSKINE, MIKHAEL, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2015-09-04
[86] 2014-03-25 (PCT/BE2014/000013)
[87] (WO2014/153625)
[30] US (61/805,068) 2013-03-25
[30] GB (1313477.0) 2013-07-29

[21] **2,904,203**
[13] A1

[51] **Int.Cl. F16D 1/09 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **CLAMP DEVICE FOR CABLE TRAY ASSEMBLY**
[54] **DISPOSITIF DE SERRAGE POUR ENSEMBLE CHEMIN DE CABLES**
[72] SHELTON, TRAVIS, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2015-09-04
[86] 2013-12-27 (PCT/US2013/078028)
[87] (WO2014/137461)
[30] US (61/774,245) 2013-03-07

[21] **2,904,204**
[13] A1

[51] **Int.Cl. A61M 31/00 (2006.01)**
[25] EN
[54] **DRUG DELIVERY DEVICE COMPRISING SILICON-BASED CARRIER PARTICLES**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT COMPRENANT DES PARTICULES DE TRANSPORT A BASE DE SILICIUM**
[72] CANHAM, LEIGH T., GB
[72] GUO, HONG, US
[72] NAZZARO, MARTIN, US
[72] BARNETT, CHRISTIAN, GB
[71] PSIVIDA US, INC., US
[71] PSIMEDICA LIMITED, GB
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024362)
[87] (WO2014/165097)
[30] US (61/778,111) 2013-03-12

[21] **2,904,205**
[13] A1

[51] **Int.Cl. A61M 39/20 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE**
[72] MOBASSERY, HOOMAN, US
[72] MAN, KIM DICK, US
[71] NELLIN MEDICAL DEVICES, LLC, US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020414)
[87] (WO2014/138122)
[30] US (61/773,574) 2013-03-06
[30] US (13/953,393) 2013-07-29

[21] **2,904,206**
[13] A1

[51] **Int.Cl. E02D 29/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEALING AND STRUCTURALLY RENEWING A WALL OF A MANHOLE**
[54] **PROCEDE ET APPAREIL POUR LE SCELLAGE ET LE RENOUVELLEMENT STRUCTUREL D'UNE PAROI D'UN TROU D'HOMME**
[72] KIEST, LARRY W., JR., US
[71] LMK TECHNOLOGIES, LLC, US
[85] 2015-09-04
[86] 2014-02-27 (PCT/US2014/018841)
[87] (WO2014/149483)
[30] US (13/843, 352) 2013-03-15

[21] **2,904,207**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **MODIFYING CONTENT OF COMPONENTS IN A USER INTERFACE**
[54] **MODIFICATION DU CONTENU DE COMPOSANTS DANS UNE INTERFACE D'UTILISATEUR**
[72] MATAS, MICHAEL, US
[72] HWANG, SHARON NIAN YOU, US
[71] FACEBOOK, INC., US
[85] 2015-09-03
[86] 2014-03-12 (PCT/US2014/024572)
[87] (WO2014/159646)
[30] US (13/828,764) 2013-03-14

[21] **2,904,208**
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01) A01G 31/02 (2006.01)**
[25] EN
[54] **PRESSURIZED GROWING AIR SYSTEM FOR VERTICAL AND HORIZONTAL PLANTING SYSTEMS**
[54] **SYSTEME D'AIR DE CROISSANCE PRESSURISE POUR SYSTEMES DE PLANTATION VERTICALE ET HORIZONTALE**
[72] PRESCOTT, MARK RANDELL, US
[71] PRESCOTT, MARK RANDELL, US
[85] 2015-09-04
[86] 2014-01-28 (PCT/US2014/013326)
[87] (WO2014/123722)
[30] US (61/849,339) 2013-01-24

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[21] **2,904,209**
[13] A1

[51] **Int.Cl. B32B 15/082 (2006.01) C08F 214/26 (2006.01) C09J 5/06 (2006.01) H01B 3/44 (2006.01)**

[25] EN

[54] **ADHESION OF FLUOROPOLYMER TO METAL**

[54] **ADHERENCE DE POLYMERE FLUORE A UN METAL**

[72] ATEN, RALPH MUNSON (DECEASED), US

[72] BURCH, HEIDI ELIZABETH, US

[72] TURNER, JOHNNIE F., US

[72] YOUNG, ROBERT THOMAS, US

[72] CAMPBELL, KATIE LYNN, US

[71] THE CHEMOURS COMPANY FC, LLC, US

[85] 2015-09-04

[86] 2014-03-05 (PCT/US2014/020458)

[87] (WO2014/138140)

[30] US (61/772,746) 2013-03-05

[21] **2,904,210**
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/0783 (2010.01) C12N 5/02 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR MODIFICATION OF HLA**

[54] **PROCEDES ET COMPOSITIONS POUR MODIFICATION DE HLA**

[72] GREGORY, PHILIP D., US

[72] COOPER, LAURENCE J. N., US

[72] TORIKAI, HIROKI, US

[71] SANGAMO BIOSCIENCES, INC., US

[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2015-09-03

[86] 2014-03-12 (PCT/US2014/024660)

[87] (WO2014/165177)

[30] US (61/777,627) 2013-03-12

[21] **2,904,211**
[13] A1

[51] **Int.Cl. G01N 25/00 (2006.01) G01N 24/08 (2006.01) G01R 33/30 (2006.01) G01R 33/31 (2006.01) G01V 11/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR PARALLEL MICROFLUIDIC PRESSURE-VOLUME-TEMPERATURE ANALYSIS**

[54] **DISPOSITIF ET PROCEDE D'ANALYSE EN PARALLELE DE PRESSION VOLUME TEMPERATURE MICROFLUIDIQUE**

[72] JONES, CHRISTOPHER MICHAEL, US

[72] PELLETIER, MICHAEL T., US

[72] ATKINSON, ROBERT S., JR., US

[72] CHEN, SONGHUA, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-09-04

[86] 2013-04-18 (PCT/US2013/037227)

[87] (WO2014/171947)

[21] **2,904,212**
[13] A1

[51] **Int.Cl. F03D 1/00 (2006.01) F03D 11/02 (2006.01)**

[25] EN

[54] **WIND TURBINE FOR GENERATING ELECTRICITY WITH NAVAL TECHNOLOGY**

[54] **EOLIENNE GENERATRICE D'ENERGIE ELECTRIQUE AVEC TECHNOLOGIE NAVALE**

[72] MONTEIRO DE BARROS, MARCELO, BR

[71] MONTEIRO DE BARROS, MARCELO, BR

[85] 2015-09-04

[86] 2014-03-07 (PCT/BR2014/000084)

[87] (WO2014/134695)

[30] BR (BR1020130054968) 2013-03-07

[21] **2,904,213**
[13] A1

[51] **Int.Cl. F16L 55/162 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR LINING A PIPE**

[54] **PROCEDE ET APPAREIL DE REVETEMENT INTERIEUR DE TUYAU**

[72] KIEST, LARRY W., JR., US

[72] MATHEY, JASON M., US

[71] LMK TECHNOLOGIES, LLC, US

[85] 2015-09-04

[86] 2014-02-27 (PCT/US2014/018851)

[87] (WO2014/158624)

[30] US (13/826,196) 2013-03-14

[21] **2,904,214**
[13] A1

[51] **Int.Cl. B65F 1/14 (2006.01) B65D 45/02 (2006.01) E05B 47/00 (2006.01)**

[25] EN

[54] **CONTAINER WITH AUTOMATIC LATCH ASSEMBLY**

[54] **CONTENANT AYANT UN ENSEMBLE DE LOQUET AUTOMATIQUE**

[72] REEB, DAVID L., US

[71] SERIO-US INDUSTRIES, INC., US

[85] 2015-09-04

[86] 2014-01-27 (PCT/US2014/013230)

[87] (WO2014/117102)

[30] US (61/756,861) 2013-01-25

[21] **2,904,215**
[13] A1

[51] **Int.Cl. C10M 139/00 (2006.01) C10M 159/12 (2006.01)**

[25] EN

[54] **LUBRICATING COMPOSITION CONTAINING LEWIS ACID REACTION PRODUCT**

[54] **COMPOSITION LUBRIFIANTE CONTENANT UN PRODUIT REACTIONNEL D'UN ACIDE DE LEWIS**

[72] DELBRIDGE, EWAN E., US

[72] ZHANG, YANSHI, US

[72] KOCSIS, JODY A., US

[71] THE LUBRIZOL CORPORATION, US

[85] 2015-09-04

[86] 2014-03-05 (PCT/US2014/020470)

[87] (WO2014/164087)

[30] US (61/777,420) 2013-03-12

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[21] **2,904,216**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23C 9/14 (2006.01) A23C 9/15 (2006.01) A23L 1/29 (2006.01) A23L 1/305 (2006.01)**

[25] EN

[54] **NUTRITIONAL COMPOSITIONS CONTAINING AN ENRICHED LIPID FRACTION AND USES THEREOF**

[54] **COMPOSITIONS NUTRITIONNELLES CONTENANT UNE FRACTION LIPIDIQUE ENRICHIE ET UTILISATIONS DE CELLES-CI**

[72] BANAVARA, DATTATREYA, US

[72] JOUNI, ZEINA, US

[72] ALVEY, JOHN D., US

[72] GONZALEZ, JUAN M., US

[71] MJN U.S. HOLDINGS LLC, US

[85] 2015-09-04

[86] 2014-02-11 (PCT/US2014/015775)

[87] (WO2014/143469)

[30] US (13/794,151) 2013-03-11

[21] **2,904,217**
[13] A1

[51] **Int.Cl. H04B 7/22 (2006.01) H02J 17/00 (2006.01)**

[25] EN

[54] **USING A WIRELESS RADIO TO MANAGE POWER CONSUMPTION**

[54] **UTILISATION D'UNE RADIO SANS FIL POUR GERER LA CONSOMMATION D'ENERGIE**

[72] MAGUIRE, YAEL, US

[71] FACEBOOK, INC., US

[85] 2015-09-03

[86] 2014-03-12 (PCT/US2014/024733)

[87] (WO2014/150999)

[30] US (13/842,156) 2013-03-15

[21] **2,904,218**
[13] A1

[51] **Int.Cl. E04B 2/86 (2006.01) E04G 11/06 (2006.01) E04G 17/06 (2006.01)**

[25] EN

[54] **HYBRID CONNECTOR, ASSEMBLY, AND METHOD FOR CREATING A WALL FROM A FLOWABLE MATERIAL**

[54] **CONNECTEUR HYBRIDE, ENSEMBLE ET PROCEDE DE CREATION D'UN MUR A PARTIR DE MATERIAU POUVANT S'ECOULER**

[72] BOMBARDIER, LEON, CA

[72] SNIDER, MURRAY, CA

[72] FARAH, MATHIEU, CA

[72] BEAUCHESNE, FRANCOIS, CA

[71] LES PLASTIQUES CELLULAIRES POLYFORM INC., CA

[85] 2015-09-04

[86] 2013-03-15 (PCT/CA2013/050211)

[87] (WO2014/138841)

[21] **2,904,219**
[13] A1

[51] **Int.Cl. H01M 8/24 (2006.01) H01M 8/02 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL CELL, FLUID DISTRIBUTION DEVICE FOR FUEL CELL, AND VEHICLE PROVIDED WITH FUEL CELL**

[54] **PILE A COMBUSTIBLE, DISPOSITIF DE DISTRIBUTION DE COMBUSTIBLE POUR UNE PILE A COMBUSTIBLE ET VEHICULE EQUIPE D'UNE PILE A COMBUSTIBLE**

[72] HASEGAWA, TAKUYA, JP

[72] FUJIEDA, RYUJI, JP

[71] NISSAN MOTOR CO., LTD., JP

[85] 2015-09-04

[86] 2014-03-07 (PCT/JP2014/056051)

[87] (WO2014/136965)

[30] JP (2013-046984) 2013-03-08

[21] **2,904,220**
[13] A1

[51] **Int.Cl. E02B 15/06 (2006.01) E02B 15/04 (2006.01)**

[25] EN

[54] **OIL SKIMMER BARGE HAVING AN ADJUSTABLE WEIR**

[54] **BARGE DE RECUPERATION DE PETROLE POSSEDANT UN BARRAGE REGLABLE**

[72] DRAGNA, LEE, US

[72] GUY, JAMIE, US

[71] GULP OIL SKIMMERS, LLC, US

[85] 2015-09-04

[86] 2014-02-12 (PCT/US2014/015913)

[87] (WO2014/158391)

[30] US (13/827,843) 2013-03-14

[21] **2,904,221**
[13] A1

[51] **Int.Cl. A61K 31/455 (2006.01) A61K 31/70 (2006.01) A61K 33/14 (2006.01) A61K 33/30 (2006.01) A61K 35/74 (2015.01) A61K 38/40 (2006.01) A61K 45/06 (2006.01) A61P 1/12 (2006.01)**

[25] EN

[54] **ORAL ELECTROLYTE SOLUTION CONTAINING LACTOFERRIN AND USES THEREOF**

[54] **SOLUTION D'ELECTROLYTE ORALE CONTENANT DE LA LACTOFERRINE ET UTILISATIONS DE CELLE-CI**

[72] GONZALEZ, JUAN M., US

[72] BANAVARA, DATTATREYA, US

[72] ALVEY, JOHN D., US

[71] MJN U.S. HOLDINGS LLC, US

[85] 2015-09-04

[86] 2014-02-11 (PCT/US2014/015811)

[87] (WO2014/143471)

[30] US (13/794,014) 2013-03-11

[21] **2,904,222**
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01)**

[25] EN

[54] **SYSTEMS, COMPOSITIONS, AND METHODS FOR CORROSION INHIBITION**

[54] **SYSTEMES, COMPOSITIONS ET PROCEDES ANTI-CORROSION**

[72] KINLEN, PATRICK JOHN, US

[72] SAPPER, ERIK DAVID, US

[71] THE BOEING COMPANY, US

[85] 2015-09-04

[86] 2014-02-19 (PCT/US2014/017066)

[87] (WO2014/172004)

[30] US (13/866,805) 2013-04-19

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[21] **2,904,223**
[13] A1

[51] **Int.Cl. B05B 5/00 (2006.01)**
[25] EN
[54] **METHOD OF DISPENSING A MATERIAL**
[54] **PROCEDE DE DISTRIBUTION D'UN MATERIAU**
[72] Kiest, Larry W., Jr., US
[72] Mathey, Jason M., US
[71] LMK Technologies, LLC, US
[85] 2015-09-04
[86] 2014-02-27 (PCT/US2014/018855)
[87] (WO2014/158625)
[30] US (13/804,975) 2013-03-14

[21] **2,904,224**
[13] A1

[51] **Int.Cl. F28C 3/08 (2006.01) F24F 12/00 (2006.01) F24F 13/30 (2006.01)**
[25] EN
[54] **EVAPORATIVE COOLING SYSTEM WITH LIQUID-TO-AIR MEMBRANE ENERGY EXCHANGER**
[54] **SYSTEME DE REFROIDISSEMENT PAR EVAPORATION DOTE D'UN ECHANGEUR D'ENERGIE A MEMBRANE LIQUIDE-AIR**
[72] Lepoudre, Philip Paul, CA
[71] NORTEK SOLUTIONS CANADA, INC., CA
[85] 2015-09-04
[86] 2014-02-25 (PCT/CA2014/000148)
[87] (WO2014/138851)
[30] US (61/799,321) 2013-03-15
[30] US (14/187,413) 2014-02-24

[21] **2,904,225**
[13] A1

[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/00 (2006.01) A61B 17/04 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO IMPLANTS**
[54] **PERFECTIONNEMENTS DANS ET ASSOCIES A DES IMPLANTS**
[72] GeDET, Philippe, CH
[72] FRIGG, ROBERT, CH
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-09-04
[86] 2014-02-12 (PCT/US2014/015920)
[87] (WO2014/137557)
[30] US (13/789,422) 2013-03-07

[21] **2,904,226**
[13] A1

[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TREATING OBSTRUCTIVE SLEEP APNEA**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER L'APNEE OBSTRUCTIVE DU SOMMEIL**
[72] WEADOCK, KEVIN, US
[72] ROUSSEAU, ROBERT A., US
[71] ETHICON, INC., US
[85] 2015-09-04
[86] 2014-02-27 (PCT/US2014/018880)
[87] (WO2014/137720)
[30] US (13/786,763) 2013-03-06

[21] **2,904,227**
[13] A1

[51] **Int.Cl. H04L 12/951 (2013.01) H04W 80/08 (2009.01) H04L 1/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENHANCED DETECTION OF E-NAVIGATION MESSAGES**
[54] **PROCEDES ET SYSTEMES POUR AMELIORER LA DETECTION DE MESSAGES DE NAVIGATION ELECTRONIQUE**
[72] RANDHAWA, BALJINDER S., CA
[72] MACIKUNAS, ARUNAS G., CA
[72] BROWNING, MARGARET J., US
[72] MILLER, PHILIP M., CA
[72] SHORT, CHRISTOPHER M., CA
[71] EXACTEARTH LTD., CA
[85] 2015-09-04
[86] 2014-03-04 (PCT/CA2014/000166)
[87] (WO2014/134707)
[30] US (13/786,059) 2013-03-05

[21] **2,904,228**
[13] A1

[51] **Int.Cl. F17D 3/00 (2006.01) B08B 9/04 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IN-LINE CHARGING OF A PIPELINE TOOL**
[54] **APPAREIL ET PROCEDE POUR CHARGEMENT EN LIGNE D'UN OUTIL DE PIPELINE**
[72] COMELLO, CORRY, CA
[72] LAURSEN, PAUL, CA
[72] SPEERS, DARYL, CA
[72] TAYLOR, PETER, CA
[71] INVODANE ENGINEERING LTD., CA
[85] 2015-09-04
[86] 2014-03-12 (PCT/CA2014/000205)
[87] (WO2014/138879)
[30] US (13/829,247) 2013-03-14

[21] **2,904,230**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/0783 (2010.01) A61K 35/14 (2015.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ENGAGER CELLS FOR IMMUNOTHERAPY**
[54] **CELLULES D'ENGAGEMENT POUR IMMUNOTHERAPIE**
[72] GOTTSCHALK, STEPHEN M. G., US
[72] SONG, XIAO-TONG, US
[72] IWAHORI, KOTA, US
[72] VELASQUEZ, MIREYA PAULINA, US
[72] ABBOTT, STEWART, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[71] CELGENE CORPORATION, US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020919)
[87] (WO2014/138306)
[30] US (61/772,803) 2013-03-05
[30] US (61/775,524) 2013-03-09
[30] US (61/928,383) 2014-01-16
[30] US (61/941,729) 2014-02-19

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[21] **2,904,232**
[13] A1

[51] **Int.Cl. A61K 35/56 (2015.01) A23K 1/16 (2006.01) A23K 1/18 (2006.01) A23L 1/30 (2006.01) A61K 31/122 (2006.01) A61P 3/02 (2006.01) A61P 39/06 (2006.01) C11B 1/10 (2006.01) C11B 13/00 (2006.01)**

[25] FR

[54] **METHOD FOR EXTRACTING ORGANIC SOLIDS AND OIL FROM MARINE ORGANISMS ENRICHED WITH ASTAXANTHIN**

[54] **PROCEDE D'EXTRACTION DE SOLIDES ORGANIQUES ET D'HUILE D'ORGANISMES MARINS ENRICHIS EN ASTAXANTHINE**

[72] TCHOUKANOVA, NADIA, CA

[72] BENOIT, GERARD, CA

[71] INSTITUT DE RECHERCHE SUR LES ZONES COTIERES (IRZC), CA

[71] L'ASSOCIATION COOPERATIVE DES PECHEURS DE L'ILE LTEE, CA

[85] 2015-09-04

[86] 2014-03-13 (PCT/CA2014/000251)

[87] (WO2014/138920)

[30] US (61/782,013) 2013-03-14

[21] **2,904,234**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**

[25] EN

[54] **MANIPULATING PHB GENES FOR PLANT BIOMASS ACCUMULATION AND YIELD**

[54] **MANIPULATION DE GENES PHB POUR L'ACCUMULATION ET LE RENDEMENT DE BIOMASSE VEGETALE**

[72] YUAN, SHUHUA, US

[71] THE TEXAS A&M UNIVERSITY SYSTEM, US

[85] 2015-09-04

[86] 2014-03-05 (PCT/US2014/020926)

[87] (WO2014/138310)

[30] US (61/773,011) 2013-03-05

[21] **2,904,235**
[13] A1

[51] **Int.Cl. H04N 7/18 (2006.01) H04N 5/225 (2006.01) H04N 5/232 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MONITORING MOVING OBJECTS**

[54] **DISPOSITIF ET PROCEDE POUR SURVEILLER UNE ENTITE MOBILE**

[72] TAKIGUCHI, MASAHIRO, JP

[72] IWASAKI, TETSUYA, JP

[72] TSUBONE, KENJI, JP

[71] DENSO WAVE INCORPORATED, JP

[71] DENSO CORPORATION, JP

[85] 2015-09-04

[86] 2014-03-10 (PCT/JP2014/056184)

[87] (WO2014/136979)

[30] JP (2013-046600) 2013-03-08

[30] JP (2013-046602) 2013-03-08

[21] **2,904,236**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0783 (2010.01) A61K 35/14 (2015.01)**

[25] EN

[54] **HEPARANASE EXPRESSION IN T LYMPHOCYTES**

[54] **EXPRESSION DE L'HEPARANASE DANS DES LYMPHOCYTES T HUMAINS**

[72] DOTTI, GIANPIETRO, US

[72] MARCHETTI, DARIO, US

[72] CARUANA, IGNAZIO, US

[71] BAYLOR COLLEGE OF MEDICINE, US

[85] 2015-09-04

[86] 2014-03-05 (PCT/US2014/020936)

[87] (WO2014/138315)

[30] US (61/772,591) 2013-03-05

[21] **2,904,237**
[13] A1

[51] **Int.Cl. C08L 61/06 (2006.01) C08J 5/14 (2006.01) C08K 3/24 (2006.01) C09K 3/14 (2006.01) F16D 69/02 (2006.01)**

[25] EN

[54] **RESIN COMPOSITION, FRICTION MATERIAL, AND METHOD FOR PRODUCING SAME**

[54] **COMPOSITION DE RESINE, MATERIAU DE FRICTION ET PROCEDE POUR LES PRODUIRE**

[72] DAIMON, EMIKO, JP

[72] NOMOTO, TAKUYA, JP

[71] OTSUKA CHEMICAL CO., LTD., JP

[85] 2015-09-04

[86] 2014-03-12 (PCT/JP2014/056502)

[87] (WO2014/156654)

[30] JP (2013-065577) 2013-03-27

[21] **2,904,238**
[13] A1

[51] **Int.Cl. A01G 23/083 (2006.01)**

[25] EN

[54] **A TIMBER-WORKING DEVICE AND METHOD OF OPERATION**

[54] **DISPOSITIF DE TRAVAIL DU BOIS D'UVRE ET PROCEDE DE FONCTIONNEMENT**

[72] SWINYARD, DOUGLAS CRAIG, NZ

[71] WARATAH NZ LIMITED, NZ

[85] 2015-09-04

[86] 2014-12-02 (PCT/NZ2014/000238)

[87] (WO2015/084182)

[30] NZ (618425) 2013-12-02

[21] **2,904,239**
[13] A1

[51] **Int.Cl. G06T 17/05 (2011.01)**

[25] EN

[54] **MESHLESS REPRESENTATION OF A GEOLOGIC ENVIRONMENT**

[54] **REPRESENTATION SANS MAILLAGE D'UN ENVIRONNEMENT GEOLOGIQUE**

[72] MAERTEN, FRANTZ, FR

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/020991)

[87] (WO2014/149802)

[30] FR (1300592) 2013-03-15

[30] US (14/197,661) 2014-03-05

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[21] **2,904,240**
[13] A1

[51] **Int.Cl. A61K 38/43 (2006.01)**
[25] EN
[54] **STABLE SOLUTIONS OF SACROSIDASE**
[54] **SOLUTIONS STABLES DE SACROSIDASE**
[72] REARDAN, DAYTON T., US
[72] MILLER, BRIAN L., US
[71] QOL MEDICAL LLC, US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021050)
[87] (WO2014/138347)
[30] US (13/786,956) 2013-03-06

[21] **2,904,241**
[13] A1

[51] **Int.Cl. A01G 23/083 (2006.01) A01G 23/093 (2006.01) B27B 25/00 (2006.01)**
[25] EN
[54] **A TIMBER-WORKING DEVICE AND METHOD OF OPERATION**
[54] **MACHINE-OUTIL A BOIS ET PROCEDE D'EXPLOITATION ASSOCIE**
[72] SWINYARD, DOUGLAS CRAIG, NZ
[71] WARATAH NZ LIMITED, NZ
[85] 2015-09-04
[86] 2014-12-02 (PCT/NZ2014/000239)
[87] (WO2015/084183)
[30] NZ (618435) 2013-12-02

[21] **2,904,242**
[13] A1

[51] **Int.Cl. C10G 2/00 (2006.01) C07C 1/04 (2006.01)**
[25] EN
[54] **CATALYST AND PROCESS FOR THE PRODUCTION OF DIESEL FUEL FROM NATURAL GAS, NATURAL GAS LIQUIDS, OR OTHER GASEOUS FEEDSTOCKS**
[54] **CATALYSEUR ET PROCEDE POUR LA PRODUCTION DE CARBURANT DIESEL A PARTIR DE GAZ NATUREL, DE LIQUIDES DU GAZ NATUREL OU D'AUTRES CHARGES DE DEPART GAZEUSES**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[71] GREYROCK ENERGY, INC., US
[85] 2015-09-04
[86] 2014-02-27 (PCT/US2014/000026)
[87] (WO2014/137473)
[30] US (61/851,479) 2013-03-08

[21] **2,904,243**
[13] A1

[51] **Int.Cl. B66D 1/00 (2006.01) B66D 1/14 (2006.01) B66D 1/46 (2006.01)**
[25] EN
[54] **MULTI-MODE RADIO FREQUENCY WINCH CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DE TREUIL RADIOFREQUENCE MULTI-MODE**
[72] HERAVI, OLIVER, US
[72] FRETZ, DARREN G., US
[72] AVERILL, BRYAN M., US
[72] WALSTON, JEFF, US
[72] WENDLER, IAN, US
[71] WARN INDUSTRIES, INC., US
[85] 2015-09-04
[86] 2014-01-13 (PCT/US2014/011197)
[87] (WO2014/137487)
[30] US (13/790,544) 2013-03-08

[21] **2,904,245**
[13] A1

[51] **Int.Cl. B66D 1/50 (2006.01)**
[25] EN
[54] **PULLING TOOL**
[54] **OUTIL DE TRACTION**
[72] HERAVI, OLIVER, US
[72] KARAMBELAS, RANDY C., US
[72] SHUYLER, STEVEN W., US
[72] LOGSTON, ROBERT W., US
[72] FRETZ, DARREN G., US
[72] RICKERT, RICHARD L., US
[72] YODER, BRYAN, US
[72] JUENEMANN, NICHOLAS E., US
[71] WARN INDUSTRIES, INC., US
[85] 2015-09-04
[86] 2014-01-13 (PCT/US2014/011203)
[87] (WO2014/158305)
[30] US (13/800,884) 2013-03-13

[21] **2,904,246**
[13] A1

[51] **Int.Cl. B65H 75/34 (2006.01) B66D 1/22 (2006.01)**
[25] EN
[54] **PULLING TOOL**
[54] **OUTIL DE TRACTION**
[72] YODER, BRYAN, US
[72] JUENEMANN, NICHOLAS E., US
[72] FRETZ, DARREN G., US
[71] WARN INDUSTRIES, INC., US
[85] 2015-09-04
[86] 2014-01-13 (PCT/US2014/011207)
[87] (WO2014/158306)
[30] US (13/800,989) 2013-03-13

[21] **2,904,248**
[13] A1

[51] **Int.Cl. B66D 1/02 (2006.01) B66D 5/34 (2006.01)**
[25] EN
[54] **REMOTE WINCH CLUTCH SYSTEM**
[54] **SYSTEME D'EMBRAYAGE DE TREUIL A DISTANCE**
[72] AVERILL, BRYAN M., US
[72] HERAVI, OLIVER, US
[72] WALSTON, JEFF, US
[72] PAUWELS, GARRETT F., US
[72] CHRISTENSEN, KEVIN M., US
[71] WARN INDUSTRIES, INC., US
[85] 2015-09-04
[86] 2014-01-13 (PCT/US2014/011208)
[87] (WO2014/137488)
[30] US (13/790,807) 2013-03-08

[21] **2,904,249**
[13] A1

[51] **Int.Cl. H04W 48/18 (2009.01) H04W 4/00 (2009.01) H04W 28/24 (2009.01) G08B 25/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CELLULAR CONNECTION SELECTION**
[54] **SYSTEME ET PROCEDE DESTINE A LA SELECTION DE CONNEXION CELLULAIRE**
[72] BREED, JASON A., CA
[71] TYCO SAFETY PRODUCTS CANADA LTD., CA
[85] 2015-09-04
[86] 2014-01-22 (PCT/CA2014/050043)
[87] (WO2014/138942)
[30] US (13/798,858) 2013-03-13

PCT Applications Entering the National Phase

[21] **2,904,251**
[13] A1

[51] **Int.Cl. H04N 7/18 (2006.01) H04N 5/225 (2006.01) H04N 5/232 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD OF MONITORING MOVING OBJECTS**

[54] **DISPOSITIF ET PROCEDE POUR SURVEILLER UNE ENTITE MOBILE**

[72] TAKIGUCHI, MASAHIRO, JP

[72] IWASAKI, TETSUYA, JP

[72] TSUBONE, KENJI, JP

[71] DENSO WAVE INCORPORATED, JP

[71] DENSO CORPORATION, JP

[85] 2015-09-04

[86] 2014-03-10 (PCT/JP2014/056183)

[87] (WO2014/136978)

[30] JP (2013-046599) 2013-03-08

[30] JP (2013-046601) 2013-03-08

[30] JP (2013-046602) 2013-03-08

[21] **2,904,252**
[13] A1

[51] **Int.Cl. E02D 29/02 (2006.01) B65D 33/00 (2006.01) E02B 3/12 (2006.01)**

[25] EN

[54] **INTERCONNECTING MEMBER FOR A SAND OR SOIL BAG STRUCTURE**

[54] **ELEMENT D'INTERCONNEXION POUR UNE STRUCTURE DE SAC DE TERRE OU DE SABLE**

[72] CALLEWAERT, MIKE, CA

[71] CALLEWAERT, MIKE, CA

[85] 2015-09-04

[86] 2014-03-06 (PCT/CA2014/050187)

[87] (WO2014/134735)

[30] US (61/773,800) 2013-03-06

[21] **2,904,253**
[13] A1

[51] **Int.Cl. G06F 9/445 (2006.01)**

[25] EN

[54] **COMPUTER SYSTEM USING IN-SERVICE SOFTWARE UPGRADE**

[54] **SYSTEME INFORMATIQUE UTILISANT LA MISE A NIVEAU DE LOGICIELS EN SERVICE**

[72] RACZ, PIERRE, CA

[72] LABRECQUE, VINCENT, CA

[71] GENETEC INC., CA

[85] 2015-09-04

[86] 2014-03-12 (PCT/CA2014/050224)

[87] (WO2014/138980)

[30] US (61/789,790) 2013-03-15

[21] **2,904,254**
[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) D21C 5/02 (2006.01) D21F 9/00 (2006.01) D21F 11/04 (2006.01) D21F 11/08 (2006.01) D21H 11/00 (2006.01) D21H 11/04 (2006.01) D21H 11/14 (2006.01) D21H 23/04 (2006.01) D21H 27/30 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A CORE CARD AND CORE CARD FOR A LAMINATE**

[54] **PROCEDE SERVANT A FABRIQUER UNE PARTIE CENTRALE EN CARTON, ET PARTIE CENTRALE EN CARTON DESTINEE A UN STRATIFIE**

[72] ANNOUN, ZAKARIA, DE

[72] MUHLHAUSER, MARTIN, AT

[72] WANNEMACHER, KURT, DE

[72] NEUMANN, CHRISTIAN, AT

[71] MAYR-MELNHOF KARTON AG, AT

[85] 2015-09-04

[86] 2014-03-27 (PCT/EP2014/056217)

[87] (WO2014/154832)

[30] EP (PCT/EP2013/056760) 2013-03-28

[21] **2,904,255**
[13] A1

[51] **Int.Cl. B32B 27/36 (2006.01) B32B 33/00 (2006.01)**

[25] EN

[54] **CPET MULTILAYER OXYGEN-SCAVENGING CONTAINERS**

[54] **RECIPIENTS MULTICOUCHE EN CPET CONTENANT UN DESOXYGENANT**

[72] SCHMITZ, BRIAN, US

[72] GROSS, LUTHER, US

[72] TSAI, BOH C., US

[72] SCHIFFLI, MATT, US

[72] KLIMEK, GARY, US

[71] MULLINIX PACKAGES, INC., US

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/021102)

[87] (WO2014/138360)

[30] US (61/774,100) 2013-03-07

[30] US (14/172,034) 2014-02-04

[21] **2,904,256**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) G01N 35/00 (2006.01)**

[25] EN

[54] **CALIBRATION FOR MULTI-COMPONENT ASSAYS**

[54] **ETALONNAGE POUR DOSAGES MULTICOMPOSANTS**

[72] KLEIDER, WILHELM, DE

[72] KRAMER, HANS-DIETER, DE

[72] SLUKA, PETER, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-09-04

[86] 2014-06-04 (PCT/EP2014/061571)

[87] (WO2014/195355)

[30] EP (13171044.4) 2013-06-07

[21] **2,904,258**
[13] A1

[51] **Int.Cl. E01F 15/02 (2006.01) E01F 9/03 (2006.01)**

[25] EN

[54] **TRAFFIC PROTECTION BARRIER FOR ROADS**

[54] **BARRIERE DE PROTECTION ROUTIERE POUR DES VOIES DE CIRCULATION**

[72] SANCHEZ DE LA CRUZ, JOSE MANUEL, ES

[71] SANCHEZ DE LA CRUZ, JOSE MANUEL, ES

[85] 2015-09-04

[86] 2013-11-25 (PCT/ES2013/070815)

[87] (WO2014/135720)

[30] ES (P201330308) 2013-03-05

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[21] **2,904,260**
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/4164 (2006.01) A61K 31/428 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMPOSITION COMPRISING A TNFR AGONIST AND AT LEAST ONE THIOREDOXIN INHIBITOR FOR USE IN THE TREATMENT OF CARCINOMA**

[54] **COMPOSITION COMPRENANT UN AGONISTE DE TNFR ET AU MOINS UN INHIBITEUR DE THIOREDOXINE DESTINE A ETRE UTILISE DANS LE TRAITEMENT D'UN CARCINOME**

[72] GEORGOPOULOS, NIKOLAOS, GB

[71] UNIVERSITY OF HUDDERSFIELD, GB

[85] 2015-09-04

[86] 2014-02-04 (PCT/GB2014/050305)

[87] (WO2014/118578)

[30] GB (1301928.6) 2013-02-04

[30] GB (1310349.4) 2013-06-11

[21] **2,904,261**
[13] A1

[51] **Int.Cl. B32B 27/36 (2006.01) B32B 33/00 (2006.01)**

[25] EN

[54] **POLY(ETHYLENE TEREPHTHALATE) MULTILAYER OXYGEN-SCAVENGING CONTAINERS**

[54] **CONTENANT DESOXYGENANT MULTICOUCHE DE POLY(TEREPHTHALATE D'ETHYLENE)**

[72] SCHMITZ, BRIAN, US

[72] GROSS, LUTHER, US

[72] TSAI, BOH C., US

[72] SCHIFFLI, MATT, US

[72] KLIMEK, GARY, US

[71] MULLINIX PACKAGES, INC., US

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/021108)

[87] (WO2014/138362)

[30] US (61/774,109) 2013-03-07

[30] US (14/172,038) 2014-02-04

[21] **2,904,262**
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01) G08B 17/00 (2006.01) G08C 17/02 (2006.01)**

[25] EN

[54] **WIRELESS CONTROLLED LIGHT SOURCE**

[54] **SOURCES DE LUMIERE COMMANDEES A DISTANCE**

[72] SHERWIN, RICHARD, US

[72] LI, KENNETH, US

[72] SUBOTNICK, BRYAN, US

[71] WAVIEN, INC., US

[71] SPOT ON NETWORKS, LLC, US

[71] SUBOTNICK, BRYAN, US

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/021159)

[87] (WO2014/138380)

[30] US (61/773,640) 2013-03-06

[30] US (61/810,401) 2013-04-10

[21] **2,904,263**
[13] A1

[51] **Int.Cl. B65G 1/02 (2006.01) A47F 1/00 (2006.01)**

[25] EN

[54] **ITEM STORAGE, DISPENSING, AND RECEIVING SYSTEM, APPARATUS, METHODS, AND APPLICATIONS**

[54] **SYSTEME DE STOCKAGE, DE DISTRIBUTION ET DE RECEPTION D'ARTICLE, APPAREIL, PROCESSES ET APPLICATIONS ASSOCIES**

[72] JEWELL, STEPHEN W., US

[72] BERGES, LARRY E., US

[71] FAIRFIELD INDUSTRIES INCORPORATED, US

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/021180)

[87] (WO2014/138390)

[30] US (61/774,131) 2013-03-07

[21] **2,904,264**
[13] A1

[51] **Int.Cl. A61B 5/0484 (2006.01)**

[25] EN

[54] **FORM FACTORS FOR THE MULTI-MODAL PHYSIOLOGICAL ASSESSMENT OF BRAIN HEALTH**

[54] **FACTEURS DE FORME POUR L'EVALUATION PHYSIOLOGIQUE MULTIMODALE DE SANTE DU CERVEAU**

[72] SIMON, ADAM J., US

[72] KATH, GARY S., US

[71] SIMON, ADAM J., US

[71] KATH, GARY S., US

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/021247)

[87] (WO2014/138414)

[30] US (61/773,428) 2013-03-06

[21] **2,904,268**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23C 9/14 (2006.01) A23C 9/15 (2006.01) A23L 1/29 (2006.01) A23L 1/305 (2006.01)**

[25] EN

[54] **NUTRITIONAL COMPOSITIONS CONTAINING STRUCTURED FAT GLOBULES AND USES THEREOF**

[54] **COMPOSITIONS NUTRITIVES CONTENANT DES GLOBULES GRAS STRUCTURES ET LEURS UTILISATIONS**

[72] BANAVARA, DATTATREYA, US

[72] ALVEY, JOHN D., US

[72] GONZALEZ, JUAN M., US

[71] MJN U.S. HOLDINGS LLC, US

[85] 2015-09-04

[86] 2014-02-21 (PCT/US2014/017547)

[87] (WO2014/143523)

[30] US (13/794,151) 2013-03-11

[30] US (13/794,270) 2013-03-11

[30] US (13/833,765) 2013-03-15

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[21] **2,904,271**
[13] A1

[51] **Int.Cl. F16H 7/12 (2006.01)**
[25] EN
[54] **TENSIONER WITH EXPANDING SPRING FOR RADIAL FRICTIONAL ASYMMETRIC DAMPING**
[54] **TENDEUR AYANT UN RESSORT D'EXTENSION POUR UN AMORTISSEMENT ASYMETRIQUE PAR FRICTION RADIALE**
[72] DUTIL, KEVIN GERARD, US
[72] LANNUTTI, ANTHONY EUGENE, US
[71] DAYCO IP HOLDINGS, LLC, US
[85] 2015-09-04
[86] 2014-02-21 (PCT/US2014/017709)
[87] (WO2014/149367)
[30] US (13/834,989) 2013-03-15

[21] **2,904,278**
[13] A1

[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **UNIVERSAL LENGTH SCREW DESIGN AND CUTTING INSTRUMENT**
[54] **INSTRUMENT DE CONCEPTION ET DE COUPE DE VIS DE LONGUEUR UNIVERSELLE**
[72] APPENZELLER, ANDREAS, CH
[72] FLURI, DANIEL, CH
[71] DEPUY SYNTHES PRODUCTS, LLC, US
[85] 2015-09-04
[86] 2014-02-27 (PCT/US2014/018894)
[87] (WO2014/137724)
[30] US (13/789,944) 2013-03-08

[21] **2,904,279**
[13] A1

[51] **Int.Cl. G21C 19/06 (2006.01)**
[25] EN
[54] **MANAGING NUCLEAR REACTOR SPENT FUEL RODS**
[54] **TRAITEMENT DE CRAYONS COMBUSTIBLES USES DE REACTEUR NUCLEAIRE**
[72] REYES, JOSE N., JR., US
[72] COLBERT, CHRISTOPHER, US
[71] NUSCALE POWER, LLC, US
[85] 2015-09-04
[86] 2014-02-27 (PCT/US2014/019072)
[87] (WO2014/189582)
[30] US (13/786,643) 2013-03-06

[21] **2,904,280**
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] EN
[54] **APPARATUS FOR BONE STABILIZATION AND DISTRACTION AND METHODS OF USE**
[54] **APPAREIL POUR STABILISATION ET DISTRACTION D'OS, ET PROCEDES D'UTILISATION**
[72] BLAIN, JASON, US
[72] MARTIN, GREG, US
[71] SPINAL ELEMENTS, INC., US
[85] 2015-09-04
[86] 2014-02-28 (PCT/US2014/019325)
[87] (WO2014/158695)
[30] US (13/804,521) 2013-03-14

[21] **2,904,281**
[13] A1

[51] **Int.Cl. H04L 12/911 (2013.01) H04L 12/733 (2013.01) G06F 9/50 (2006.01) H04L 9/32 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **AUTOMATED DATA CENTER SELECTION**
[54] **SELECTION AUTOMATIQUE DE CENTRE DE DONNEES**
[72] SURYANARAYANAN, DEEPAK, US
[72] BROWN, DAVID EVERARD, US
[72] AH KUN, MALCOLM RUSSELL, US
[72] FARRELL, EUGENE MICHAEL, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020412)
[87] (WO2014/164076)
[30] US (13/794,595) 2013-03-11

[21] **2,904,283**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR PREDICTING RISK OF METASTASIS IN CUTANEOUS MELANOMA**
[54] **METHODES DE PREDICTION DU RISQUE DE METASTASE DANS UN MELANOME CUTANE**
[72] COOK, ROBERT WILLIS, US
[72] MAETZOLD, DEREK, US
[72] OESCHLAGER, KRISTEN, US
[71] CASTLE BIOSCIENCES, INC., US
[85] 2015-09-04
[86] 2014-02-28 (PCT/US2014/019326)
[87] (WO2014/158696)
[30] US (61/783,755) 2013-03-14

[21] **2,904,284**
[13] A1

[51] **Int.Cl. C02F 1/469 (2006.01) C02F 5/02 (2006.01) C02F 9/00 (2006.01) C02F 1/20 (2006.01) C02F 1/24 (2006.01) C02F 1/28 (2006.01) C02F 1/40 (2006.01) C02F 1/52 (2006.01) C02F 1/60 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **WATER TREATMENT ARRANGEMENT FOR STEAM-ASSISTED OIL PRODUCTION OPERATION**
[54] **DISPOSITION DE TRAITEMENT D'EAU POUR UNE OPERATION DE PRODUCTION DE PETROLE ASSISTEE PAR LA VAPEUR**
[72] LARSON, ANDREA J., US
[72] FELCH, CHAD L., US
[71] SIEMENS ENERGY, INC., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020472)
[87] (WO2014/138145)
[30] US (61/773,861) 2013-03-07
[30] US (14/195,920) 2014-03-04

[21] **2,904,288**
[13] A1

[51] **Int.Cl. C04B 41/87 (2006.01) C04B 41/89 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **LONG LIFE LOW COST ENVIRONMENTAL BARRIER COATING FOR CERAMIC MATRIX COMPOSITES**
[54] **REVETEMENT FORMANT BARRIERE ENVIRONNEMENTALE A BAS COUT ET LONGUE DUREE DE VIE POUR COMPOSITES A MATRICE CERAMIQUE**
[72] LEE, KANG N., US
[71] ROLLS-ROYCE CORPORATION, US
[85] 2015-09-04
[86] 2014-02-28 (PCT/US2014/019386)
[87] (WO2014/137804)
[30] US (61/772,661) 2013-03-05

Demandes PCT entrant en phase nationale

[21] **2,904,290**
[13] A1

[51] **Int.Cl. E04B 1/98 (2006.01) E04B 1/24 (2006.01) E04B 1/58 (2006.01) E04H 9/02 (2006.01)**

[25] EN

[54] **STRUCTURAL CONNECTION MECHANISMS FOR PROVIDING DISCONTINUOUS ELASTIC BEHAVIOR IN STRUCTURAL FRAMING SYSTEMS**

[54] **MECANISMES DE CONNEXION STRUCTURALE POUR PRODUIRE UN COMPORTEMENT ELASTIQUE DISCONTINU DANS DES SYSTEMES D'ARMATURE STRUCTURALE**

[72] HAYES, TIMOTHY A., US
[71] HAYES, TIMOTHY A., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020495)
[87] (WO2014/158839)
[30] US (13/803,386) 2013-03-14

[21] **2,904,292**
[13] A1

[51] **Int.Cl. G01N 24/08 (2006.01) E21B 49/08 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR OBTAINING NUCLEAR MAGNETIC RESONANCE MEASUREMENTS ON RESERVOIR FLUIDS FOR PREDICTION OF FLUID PROPERTIES**

[54] **SYSTEME ET PROCEDE DESTINES A OBTENIR DES MESURES DE RESONANCE MAGNETIQUE NUCLEAIRE SUR DES FLUIDES DE RESERVOIR POUR UNE PREDICTION DE PROPRIETES DE FLUIDE**

[72] FREEDMAN, ROBERT, US
[72] ANAND, VIVEK, US
[72] TABRIZI, PAYAM, US
[72] TORRES, RICARDO Y., US
[72] GRANT, DOUGLAS W., US
[72] CATINA, DANIEL, US
[72] GANESAN, KRISHNAMURTHY, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020501)
[87] (WO2014/138150)
[30] US (61/772,826) 2013-03-05
[30] US (13/827,549) 2013-03-14

[21] **2,904,293**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/74 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR THE DIAGNOSIS AND TREATMENT OF ANDROGEN DISORDERS**

[54] **PROCEDES ET SYSTEMES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TROUBLES ANDROGENIQUES**

[72] JASUJA, RAVI, US
[72] BHASIN, SHALENDER, US
[72] ZAKHAROV, MIKHAIL N., US
[71] FUNCTION PROMOTING THERAPIES, LLC, US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020223)
[87] (WO2014/138026)
[30] US (61/772,054) 2013-03-04

[21] **2,904,297**
[13] A1

[51] **Int.Cl. G02B 7/00 (2006.01) G02B 7/02 (2006.01)**

[25] EN

[54] **TRANSLATIONAL OPTIC ALIGNMENT LOCKING DEVICE**

[54] **L'ALIGNEMENT OPTIQUE TRANSLATIONNEL**

[72] LEITZSCH, CHRISTOPHER, US
[72] GARRIS, WILLIAM ERIC, US
[72] BEACH, NESTOR, US
[72] SMITH, WILLIAM, US
[71] EXELIS INC., US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020247)
[87] (WO2014/138038)
[30] US (13/785,490) 2013-03-05

[21] **2,904,300**
[13] A1

[51] **Int.Cl. F16L 23/16 (2006.01) F16J 15/10 (2006.01)**

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[54] **SEAL ELEMENT FOR ISOLATION GASKET**

[54] **ELEMENT D'ETANCHEITE POUR JOINT D'ISOLATION**

[72] KRAMER, BENJAMIN D., US
[71] LAMONS GASKET COMPANY, US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020330)
[87] (WO2014/138071)
[30] US (61/772,729) 2013-03-05

[21] **2,904,303**
[13] A1

[51] **Int.Cl. A47J 31/06 (2006.01)**

[25] EN

[54] **MULTI-PURPOSE COFFEE MAKER POD HOLDER**

[54] **PORTE-CAPSULE DE MACHINE A CAFE MULTI-USAGE**

[72] ARONSON, WILLIAM DALE, US
[72] EGAN, LAWRENCE JOSEPH, US
[72] FROGLEY, KIRSTEN SUZANNE, US
[71] B/E AEROSPACE, INC., US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020393)
[87] (WO2014/138111)
[30] US (61/773,065) 2013-03-05
[30] US (14/195,476) 2014-03-03

[21] **2,904,305**
[13] A1

[51] **Int.Cl. F16L 37/36 (2006.01)**

[25] EN

[54] **BREAKAWAY ASSEMBLY WITH RELIEF VALVE**

[54] **ENSEMBLE DE RACCORDS CASSANTS DOTE D'UNE SOUPEPE DE DECHARGE**

[72] NANAJI, SEIFOLLAH S., US
[71] OPW FUELING COMPONENTS INC., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020534)
[87] (WO2014/149721)
[30] US (61/788,778) 2013-03-15
[30] US (14/181,937) 2014-02-17

[21] **2,904,310**
[13] A1

[51] **Int.Cl. A61K 31/4402 (2006.01) A61K 31/4045 (2006.01) A61K 31/405 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **PREPARATIONS FOR THE TREATMENT OF SLEEP-RELATED RESPIRATORY DISORDERS**

[54] **PREPARATIONS POUR LE TRAITEMENT DE TROUBLES RESPIRATOIRES LIES AU SOMMEIL**

[72] KNUTSEN, LARS JACOB STRAY, US
[72] HAND, JAMES M., US
[71] REQUIS PHARMACEUTICALS INC., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020542)
[87] (WO2014/138162)
[30] US (61/773,045) 2013-03-05

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[21] **2,904,311**
[13] A1

[51] **Int.Cl. F02C 7/047 (2006.01) F02C 7/14 (2006.01)**
[25] EN
[54] **COOLING DEVICE FOR A TURBO ENGINE OF AN AIRCRAFT NACELLE**
[54] **DISPOSITIF DE REFROIDISSEMENT POUR UN TURBOMOTEUR D'UNE NACELLE D'AERONEF**
[72] CARUEL, PIERRE, FR
[71] AIRCELLE, FR
[85] 2015-09-11
[86] 2014-03-26 (PCT/FR2014/050717)
[87] (WO2014/155009)
[30] FR (13/52703) 2013-03-26

[21] **2,904,315**
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **COATINGS THAT EXHIBIT A TRI-COAT APPEARANCE, RELATED COATING METHODS AND SUBSTRATES**
[54] **REVETEMENTS QUI PRESENTENT UN ASPECT TRI-COUCHE, PROCEDES DE REVETEMENT ET SUBSTRATS ASSOCIES**
[72] EIBON, WILLIAM E., US
[72] DILLON, BRIAN, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020596)
[87] (WO2014/164105)
[30] US (13/792,269) 2013-03-11

[21] **2,904,317**
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTING HUMAN PAPILLOMAVIRUS NUCLEIC ACID**
[54] **COMPOSITIONS ET PROCEDES POUR DETECTER L'ACIDE NUCLEIQUE DE PAPILLOMAVIRUS HUMAIN**
[72] SCHRODER, ASTRID R.W., US
[71] GEN-PROBE INCORPORATED, US
[85] 2015-06-05
[86] 2013-10-11 (PCT/US2013/064519)
[87] (WO2014/059260)
[30] US (61/712,332) 2012-10-11

[21] **2,904,318**
[13] A1

[51] **Int.Cl. A47K 10/48 (2006.01)**
[25] EN
[54] **DRYER AND TOWEL DISPENSER COMBINATIONS AND METHODS OF OPERATING THE SAME**
[54] **COMBINAISONS ET PROCEDES D'UTILISATION D'UN SECHOIR ET D'UN DISTRIBUTEUR DE SERVIETTE**
[72] BABIKIAN, DIKRAN, US
[71] BOBRICK WASHROOM EQUIPMENT, INC., US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021394)
[87] (WO2014/138473)
[30] US (13/791,845) 2013-03-08

[21] **2,904,319**
[13] A1

[51] **Int.Cl. G06K 9/32 (2006.01)**
[25] EN
[54] **LOGO PRESENCE DETECTOR BASED ON BLENDING CHARACTERISTICS**
[54] **DETECTEUR DE PRESENCE DE LOGOS BASE SUR DES CARACTERISTIQUES DE MELANGE**
[72] BAUM, KEVIN L., US
[72] ISHTIAQ, FAISAL, US
[71] ARRIS TECHNOLOGY, INC., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020685)
[87] (WO2014/149748)
[30] US (61/799,196) 2013-03-15
[30] US (13/862,318) 2013-04-12

[21] **2,904,320**
[13] A1

[51] **Int.Cl. F02C 7/052 (2006.01)**
[25] EN
[54] **FILTRATION SYSTEM FOR A GAS TURBINE AIR INTAKE AND METHODS**
[54] **SYSTEME DE FILTRATION POUR UNE ADMISSION D'AIR DE TURBINE A GAZ ET PROCEDES**
[72] HAWKINSON, ANDREW JAMES, US
[72] ROSS, ELI PAYTON, US
[72] HAAG, JON JERROLD, US
[72] RAETHER, THOMAS D., US
[71] DONALDSON COMPANY, INC., US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021396)
[87] (WO2014/138474)
[30] US (61/774,676) 2013-03-08
[30] US (61/942,844) 2014-02-21

[21] **2,904,323**
[13] A1

[51] **Int.Cl. C07C 49/17 (2006.01) B01J 23/10 (2006.01) C07B 63/04 (2006.01) C07C 45/86 (2006.01) C07C 47/19 (2006.01)**
[25] EN
[54] **RETRO-ALDOL REACTION PRODUCTS AND METHODS OF MAKING AND USING SAME**
[54] **PRODUITS DE REACTION DE RETRO-ALDOL ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] BLAIR, RICHARD GEORGE, US
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022045)
[87] (WO2014/138666)
[30] US (61/774,804) 2013-03-08

[21] **2,904,324**
[13] A1

[51] **Int.Cl. H01R 13/44 (2006.01)**
[25] EN
[54] **MULTIPLE PLUG SLIDING ADAPTER WITH FLEXIBLE EXTENSION**
[54] **ADAPTATEUR COULISSANT A MULTIPLES FICHES AVEC UNE EXTENSION FLEXIBLE**
[72] MCSWEYN, CHRISTOPHER MICHAEL, US
[71] SCOSCHE INDUSTRIES, INC., US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021398)
[87] (WO2014/149896)
[30] US (13/841,452) 2013-03-15

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[21] **2,904,325**
[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01) B01F 11/00 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **BATCH CARBONATOR AND METHOD OF FORMING A CARBONATED BEVERAGE**
[54] **GAZEIFICATEUR EN CUVEES ET PROCEDE DE PRODUCTION DE BOISSON GAZEUSE**
[72] NJAASTAD, DAVID K., US
[72] SEVCIK, SCOTT, US
[72] TINUCCI, PETER S., US
[71] CORNELIUS, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022048)
[87] (WO2014/138667)
[30] US (13/790,687) 2013-03-08

[21] **2,904,326**
[13] A1
[51] **Int.Cl. C08K 3/36 (2006.01) C08K 5/00 (2006.01) C08K 5/098 (2006.01) C08K 5/3462 (2006.01) C08K 13/02 (2006.01) F16L 9/12 (2006.01)**
[25] EN
[54] **HEAVY METAL FREE CPVC COMPOSITIONS**
[54] **COMPOSITIONS CPVC EXEMPTES DE METAUX LOURDS**
[72] NIE, LI, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/024179)
[87] (WO2014/143623)
[30] US (61/789,886) 2013-03-15

[21] **2,904,327**
[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/48 (2006.01) A61K 31/216 (2006.01) A61K 31/351 (2006.01) A61K 31/65 (2006.01) A61K 31/7036 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2006.01)**
[25] EN
[54] **PHARMACEUTICALS FOR ORAL DELIVERY**
[54] **PRODUITS PHARMACEUTIQUES POUR UNE ADMINISTRATION PAR VOIE ORALE**
[72] CARL, STEPHEN M., US
[72] VRETTOS, JOHN STANLEY, US
[72] STERN, WILLIAM, US
[71] ENTERIS BIOPHARMA, INC., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020763)
[87] (WO2014/138241)
[30] US (61/772,927) 2013-03-05
[30] US (61/925,443) 2014-01-09

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[13] A1
[51] **Int.Cl. C07H 13/04 (2006.01) A01N 43/16 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **SYNTHETIC LIPOCHITOOLIGOSACCHARIDE ANALOGS FOR ENHANCING PLANT PERFORMANCE**
[54] **ANALOGUES SYNTHETIQUES DE LIPOCHITOOLIGOSACCHARIDE S POUR AMELIORER LES PERFORMANCES DE PLANTES**
[72] HUANG, ZHENG-ZHENG, US
[72] RAGHAVANPILLAI, ANILKUMAR, US
[72] SABESAN, SUBRAMANIAM, US
[72] SPADO, CHRISTINA JACY, US
[72] YIN, ZUOHONG, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021428)
[87] (WO2014/138490)
[30] US (61/773,226) 2013-03-06

[21] **2,904,329**
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01)**
[25] EN
[54] **PTD-SMAD7 THERAPEUTICS**
[54] **PRODUITS THERAPEUTIQUES PTD-SMAD7**
[72] WANG, XIAO-JING, US
[72] ZHANG, QINGHONG, US
[72] REFAELI, YOSEF, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022052)
[87] (WO2014/138670)
[30] US (61/775,252) 2013-03-08

[21] **2,904,330**
[13] A1
[51] **Int.Cl. G01R 33/48 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY BIRDCAGE COIL FOR MRI GUIDED RADIOTHERAPY**
[54] **ENROULEMENT EN CAGE D'OISEAU A RADIOFREQUENCE DESTINE A UNE RADIOTHERAPIE GUIDEE PAR IRM**
[72] DEMPSEY, JAMES F., US
[72] CHMIELEWSKI, THOMAS, US
[71] VIEWRAY INCORPORATED, US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/024354)
[87] (WO2014/159597)
[30] US (13/796,784) 2013-03-12

[21] **2,904,331**
[13] A1
[51] **Int.Cl. G07D 7/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING A DOCUMENT ATTRIBUTE USING ACOUSTICS**
[54] **SYSTEMES ET PROCEDES DE DETECTION D'UN ATTRIBUT DE DOCUMENT PAR ACOUSTIQUE**
[72] BLAIR, BRUCE, US
[71] DE LA RUE NORTH AMERICA INC., US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021437)
[87] (WO2014/149901)
[30] US (13/834,128) 2013-03-15

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[51] **Int.Cl. C07K 19/00 (2006.01)**
[25] EN
[54] **INSULIN-INCRETIN CONJUGATES**
[54] **CONJUGUES D'INSULINE-INCRETINE**
[72] DIMARCHI, RICHARD D., US
[72] PARODY, TODD, US
[72] HAN, JIE, CN
[72] LI, PENGYUN, US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[85] 2015-09-04
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[87] (WO2014/158900)
[30] US (61/783,491) 2013-03-14

[21] **2,904,333**
[13] A1

[51] **Int.Cl. C12P 21/06 (2006.01) C07H 21/04 (2006.01) C12N 1/00 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **YEAST PROMOTERS FOR PROTEIN EXPRESSION**
[54] **PROMOTEURS DE LEVURE POUR L'EXPRESSION D'UNE PROTEINE**
[72] TOLSTORUKOV, ILYA I., US
[72] CREGG, JAMES M., US
[72] CHAPPELL, THOMAS G., US
[72] MADDEN, KNUT R., US
[71] BIOGRAMMATICS, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022086)
[87] (WO2014/138679)
[30] US (61/775,029) 2013-03-08

[21] **2,904,334**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0275 (2006.01) A61B 6/00 (2006.01) C07B 59/00 (2006.01) G01T 1/161 (2006.01) G01T 1/164 (2006.01) G01T 1/24 (2006.01) G01T 1/29 (2006.01) H01L 27/146 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **ASSESSMENT OF LABELED PROBES IN A SUBJECT**
[54] **EVALUATION DE SONDRES ETIQUETTES DANS UN SUJET**
[72] VERMA, AJAY, US
[72] HOPPIN, JACK, US
[72] HESTERMAN, JACOB, US
[71] BIOGEN MA INC., US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/024928)
[87] (WO2014/151078)
[30] US (61/798,709) 2013-03-15

[21] **2,904,335**
[13] A1

[51] **Int.Cl. A61B 17/20 (2006.01) A61K 9/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **MICROSTRUCTURE ARRAY FOR DELIVERY OF ACTIVE AGENTS**
[54] **RESEAU DE MICROSTRUCTURES POUR LA DISTRIBUTION D'AGENTS ACTIFS**
[72] CHEN, GUOHUA, US
[72] DING, ZHONGLI, US
[72] GHARTEY-TAGOE, ESI, US
[72] SINGH, PARMINDER, US
[71] CORIUM INTERNATIONAL, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022087)
[87] (WO2014/150069)
[30] US (61/800,543) 2013-03-15

[21] **2,904,336**
[13] A1

[51] **Int.Cl. G01S 5/02 (2010.01) G01S 19/01 (2010.01)**
[25] EN
[54] **MULTI-FACTOR LOCATION VERIFICATION**
[54] **VERIFICATION D'UN EMLACEMENT SUR LA BASE DE PLUSIEURS FACTEURS**
[72] TSENG, ERICK, US
[72] WONG, YOON KEAN, US
[72] MAGUIRE, YAEL, US
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[71] FACEBOOK, INC., US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/024701)
[87] (WO2014/150982)
[30] US (13/842,767) 2013-03-15

[21] **2,904,337**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **CHRD1-1 ANTIGEN BINDING PROTEINS AND METHODS OF TREATMENT**
[54] **PROTEINES DE LIAISON A L'ANTIGENE CHRD1-1 ET PROCEDES DE TRAITEMENT**
[72] CORBIT, KEVIN CHRISTOPHER, US
[72] PASZTY, CHRISTOPHER J.R., US
[71] AMGEN INC., US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/025041)
[87] (WO2014/159764)
[30] US (61/784,988) 2013-03-14
[30] US (61/861,721) 2013-08-02

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[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/337 (2006.01) A61K 31/4174 (2006.01) A61K 31/4178 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMPOUNDS FOR TREATMENT OF CANCER**

[54] **COMPOSES POUR LE TRAITEMENT DU CANCER**

[72] WANG, JIN, US

[72] CHEN, JIANJUN, US

[72] MILLER, DUANE D., US

[72] LI, WEI, US

[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US

[85] 2015-09-04

[86] 2014-03-05 (PCT/US2014/020858)

[87] (WO2014/138279)

[30] US (61/772,885) 2013-03-05

[21] **2,904,339**
[13] A1

[51] **Int.Cl. A61K 31/167 (2006.01) A61K 31/44 (2006.01) A61K 31/444 (2006.01)**

[25] EN

[54] **NOVEL TRANSCRIPTION FACTOR MODULATORS**

[54] **NOUVEAUX MODULATEURS DE FACTEURS DE TRANSCRIPTION**

[72] CHEN, LIN, US

[72] CHEN, XIAOJIANG, US

[72] WU, YONGQING, US

[72] GAI, DAHAI, US

[71] C & C BIOPHARMA, LLC, US

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/021452)

[87] (WO2014/138508)

[30] US (61/773,798) 2013-03-06

[30] US (13/843,612) 2013-03-15

[21] **2,904,340**
[13] A1

[51] **Int.Cl. B01D 9/02 (2006.01)**

[25] EN

[54] **DIRECTED NUCLEATION AND CRYSTAL GROWTH FROM SOLUTION USING SURFACE ENERGY MODIFIED AMORPHOUS MATERIALS**

[54] **NUCLEATION DIRIGEE ET CROISSANCE CRISTALLINE DIRIGEE A PARTIR D'UNE SOLUTION A L'AIDE DE MATIERES AMORPHES A ENERGIE DE SURFACE MODIFIEE**

[72] BOND, ANDREW H., US

[72] SCHAAB, KEVIN M., US

[71] DENOVS, LLC, US

[85] 2015-09-04

[86] 2014-03-12 (PCT/US2014/025089)

[87] (WO2014/151146)

[30] US (61/794,821) 2013-03-15

[21] **2,904,341**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01)**

[25] EN

[54] **4-AMINO-6-(HETEROCYCLIC)PICOLINATES AND 6-AMINO-2-(HETEROCYCLIC)PYRIMIDINE-4-CARBOXYLATES AND THEIR USE AS HERBICIDES**

[54] **4-AMINO-6-(HETEROCYCLE)PICOLINATES ET 6-AMINO-2-2(HETEROCYCLE)PYRIMIDINE-4-CARBOXYLATES ET LEUR UTILISATION COMME HERBICIDES**

[72] ECKELBARGER, JOSEPH D., US

[72] EPP, JEFFREY B., US

[72] FIELDS, STEPHEN CRAIG, US

[72] FISCHER, LINDSEY G., US

[72] GIAMPIETRO, NATALIE C., US

[72] GUENTHENSBERGER, KATHERINE A, US

[72] LOWE, CHRISTIAN T., US

[72] PETKUS, JEFF, US

[72] ROTH, JOSHUA, US

[72] SATCHIVI, NORBERT M., US

[72] SCHMITZER, PAUL RICHARD, US

[72] SIDDALL, THOMAS L., US

[72] WANG, NICK X., US

[71] DOW AGROSCIENCES LLC, US

[85] 2015-09-04

[86] 2014-03-12 (PCT/US2014/024745)

[87] (WO2014/151005)

[30] US (13/839,000) 2013-03-15

[21] **2,904,342**
[13] A1

[51] **Int.Cl. F02D 13/02 (2006.01) F02D 17/02 (2006.01)**

[25] EN

[54] **ENGINE OVERSPEED SHUTDOWN SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES D'ARRET DE SURVITESSE DE MOTEUR**

[72] ROSS, BRYAN KELLY, US

[72] CASTNER, JAMES, US

[71] PACCAR INC., US

[85] 2015-09-04

[86] 2014-03-06 (PCT/US2014/021364)

[87] (WO2014/149885)

[30] US (13/837,054) 2013-03-15

[21] **2,904,343**
[13] A1

[51] **Int.Cl. B01J 38/12 (2006.01) B01J 29/40 (2006.01) B01J 29/90 (2006.01) B01J 38/16 (2006.01) B01J 38/26 (2006.01) B01J 38/32 (2006.01) B01J 38/38 (2006.01) B01J 38/48 (2006.01) B01J 38/50 (2006.01) B01J 38/60 (2006.01) B01J 38/62 (2006.01) B01J 38/66 (2006.01) C10B 53/02 (2006.01) C10G 2/00 (2006.01) C10J 3/20 (2006.01)**

[25] EN

[54] **REGENERATION OF CATALYTIC FAST PYROLYSIS CATALYST**

[54] **REGENERATION D'UN CATALYSEUR POUR PYROLYSE CATALYTIQUE RAPIDE**

[72] MAZANEC, TERRY J., US

[72] WHITING, JEFFREY P., US

[72] PESA, FRED, US

[72] CHENG, YU-TING, US

[72] SONG, RUOZHI, US

[71] ANELLOTECH, INC., US

[85] 2015-09-04

[86] 2014-03-12 (PCT/US2014/024855)

[87] (WO2014/165223)

[30] US (61/776,797) 2013-03-12

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[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61B 19/00 (2006.01)**
[25] EN
[54] **PATIENT CONSENT FORM WITH VOICE MODULE**
[54] **FORMULAIRE DE CONSENTEMENT DE PATIENT A MODULE VOCAL**
[72] MISSOURI, SHAIKO, US
[71] MEDICALSOS.COM LLC, US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/025261)
[87] (WO2014/151236)
[30] US (61/790,188) 2013-03-15

[21] **2,904,345**
[13] A1

[51] **Int.Cl. A61C 9/00 (2006.01) A61C 19/04 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR DENTAL APPLICATIONS AND METHOD RELATING THERETO**
[54] **DISPOSITIF ET SYSTEME POUR APPLICATIONS DANS LE DOMAINE DENTAIRE ET PROCEDE ASSOCIE**
[72] KIM, JASON J., US
[71] DENTAL LAB AESTHETICS, LLC, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021605)
[87] (WO2014/138541)
[30] US (13/788,723) 2013-03-07

[21] **2,904,346**
[13] A1

[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/032 (2006.01) A61B 3/113 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTION OF COGNITIVE AND DEVELOPMENTAL CONDITIONS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE TROUBLES COGNITIFS ET DEVELOPPEMENTAUX**
[72] KLIN, AMI, US
[72] JONES, WARREN, US
[72] LEWIS, PETER, US
[71] CHILDREN'S HEALTHCARE OF ATLANTA, INC., US
[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023644)
[87] (WO2014/164858)
[30] US (61/775,880) 2013-03-11

[21] **2,904,347**
[13] A1

[51] **Int.Cl. A44B 99/00 (2010.01)**
[25] EN
[54] **CABLE LACING TIE DEVICES AND METHODS OF USING THE SAME**
[54] **D'ENTRELAÇEMENT DE CABLES ET LEURS PROCEDES D'UTILISATION**
[72] ZANTOUT, ALAN, US
[72] PETERSON, THOMAS, US
[72] LATHAM, STEPHEN, US
[72] FRANCHINO, DAVE, US
[72] ENGLAND, JUSTEN, US
[72] DARLEY, JESSE CHARLES, US
[71] IDEAL INDUSTRIES, INC., US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/025284)
[87] (WO2014/151246)
[30] US (13/838,390) 2013-03-15

[21] **2,904,348**
[13] A1

[51] **Int.Cl. A23L 1/10 (2006.01) A23L 1/28 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING OATS TO ACHIEVE OATS WITH AN INCREASED AVENANTHRAMIDE CONTENT**
[54] **PROCEDE DE TRAITEMENT D'AVOINES POUR OBTENIR DES AVOINES PRESENTANT UNE TENEUR ACCRUE EN AVENANTHRAMIDES**
[72] CARDER, GARY D., US
[72] CHATEL, ROBERT E., US
[72] CHU, YI-FANG, US
[72] CHUNG, YONG-SOO, US
[72] LAY MA, URSULA VANESA, US
[72] FRENCH, JUSTIN A., US
[72] O'SHEA, MARIANNE, US
[72] VAN KLINKEN, BERNARDUS JAN-WILLEM, US
[71] THE QUAKER OATS COMPANY, US
[85] 2015-09-04
[86] 2014-02-20 (PCT/US2014/017288)
[87] (WO2014/137606)
[30] US (13/784,255) 2013-03-04

[21] **2,904,349**
[13] A1

[51] **Int.Cl. E06B 9/08 (2006.01) E06B 9/17 (2006.01) G01B 3/08 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION RETRACTABLE WINDOW SCREEN**
[54] **ECRAN DE FENETRE RETRACTABLE MULTIFONCTION**
[72] FARNTROG, ERIC, US
[71] FARNTROG, ERIC, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021693)
[87] (WO2014/138567)
[30] US (61/774,294) 2013-03-07
[30] US (14/200,391) 2014-03-07

[21] **2,904,350**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 9/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **GLYCINE, MITOCHONDRIAL ONE-CARBON METABOLISM, AND CANCER**
[54] **GLYCINE, METABOLISME MITOCHONDRIALE MONOCARBONE ET CANCER**
[72] JAIN, MOHIT, US
[72] NILSSON, ROLAND, SE
[72] MOOHA, VAMSI K., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/023976)
[87] (WO2014/150688)
[30] US (61/791,082) 2013-03-15

[21] **2,904,351**
[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01)**
[25] EN
[54] **THICK WALL SHOULDERED LAUNCHER**
[54] **SUPPORT DE LANCEMENT A EPAULEMENT A PAROI EPAISSE**
[72] SANTELER, DARREN RICHARD, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/025448)
[87] (WO2014/151314)
[30] US (61/790,157) 2013-03-15
[30] US (14/201,587) 2014-03-07

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[21] **2,904,352**
[13] A1

[51] **Int.Cl. D21F 7/00 (2006.01)**
[25] EN
[54] **AIR KNIFE CONFIGURED TO IMPROVE ROLLING OF PAPER PRODUCT**
[54] **LAME D'AIR CONCUE POUR AMELIORER L'ENROULEMENT D'UN PRODUIT EN PAPIER**
[72] HUNTER, MARK S., US
[72] VELDHUIZEN, DAVID S., US
[72] TOOTHMAN, THOMAS K., US
[72] FUCHS, LAWRENCE J., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2015-09-04
[86] 2014-02-21 (PCT/US2014/017639)
[87] (WO2014/158517)
[30] US (61/782,756) 2013-03-14
[30] US (14/173,431) 2014-02-05

[21] **2,904,353**
[13] A1

[51] **Int.Cl. A61K 31/336 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **METHODS OF TREATING RENAL DISEASE AND OTHER DISORDERS**
[54] **METHODES DE TRAITEMENT DE MALADIE RENALE ET D'AUTRES TROUBLES**
[72] HUGHES, THOMAS E., US
[72] VATH, JAMES E., US
[71] ZAFGEN, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028022)
[87] (WO2014/152861)
[30] US (61/781,926) 2013-03-14
[30] US (61/787,769) 2013-03-15

[21] **2,904,354**
[13] A1

[51] **Int.Cl. A01B 79/00 (2006.01) A01G 25/16 (2006.01) C09K 17/18 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **HUMECTANT COMPOSITIONS THAT EFFECTIVELY INCREASE MOISTURE RETENTION IN SOIL AND ASSOCIATED METHODS FOR IDENTIFYING SAME**
[54] **COMPOSITIONS HUMECTANTES QUI AUGMENTENT DE FACON EFFICACE LA RETENTION D'HUMIDITE DANS LE SOL ET PROCEDES ASSOCIES POUR LEUR IDENTIFICATION**
[72] ERICKSON, JOHN P., US
[72] ROH, YEONSUK, US
[72] NIEDZWIECKI, DANIEL, US
[72] TERNYAYEVA, IRINA, US
[71] BASF SE, DE
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/025504)
[87] (WO2014/159948)
[30] US (61/779,486) 2013-03-13

[21] **2,904,355**
[13] A1

[51] **Int.Cl. C07K 1/04 (2006.01)**
[25] EN
[54] **SOLID PHASE PEPTIDE SYNTHESIS PROCESSES AND ASSOCIATED SYSTEMS**
[54] **METHODES DE SYNTHESE DE PEPTIDE EN PHASE SOLIDE ET SYSTEMES ASSOCIES**
[72] SIMON, MARK DAVID, US
[72] PENTELUTE, BRADLEY L., US
[72] ADAMO, ANDREA, US
[72] HEIDER, PATRICK LOUIS, US
[72] JENSEN, KLAVS F., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2015-09-04
[86] 2014-02-24 (PCT/US2014/017970)
[87] (WO2014/149387)
[30] US (13/833,745) 2013-03-15

[21] **2,904,356**
[13] A1

[51] **Int.Cl. B42D 25/00 (2014.01)**
[25] EN
[54] **OPTICAL SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE OPTIQUE**
[72] CAPE, SAMUEL M., US
[72] VAN GUMSTER, JASON, US
[71] VISUAL PHYSICS, LLC, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028192)
[87] (WO2014/143980)
[30] US (61/791,695) 2013-03-15

[21] **2,904,357**
[13] A1

[51] **Int.Cl. C07K 16/26 (2006.01) A61K 39/395 (2006.01) A61P 3/12 (2006.01) A61P 7/06 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ANTI-HEPCIDIN ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTIHEPCIDINE ET LEURS UTILISATIONS**
[72] WESTERMAN, MARK, US
[72] OSTLAND, VAUGHN, US
[72] HAN, HUILING, US
[72] GUTSCHOW, PATRICK, US
[72] WESTERMAN, KEITH, US
[72] OLBINA, GORDANA, US
[71] INTRINSIC LIFESCIENCES, LLC, US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/026804)
[87] (WO2014/152006)
[30] US (61/791,953) 2013-03-15

[21] **2,904,358**
[13] A1

[51] **Int.Cl. F23J 3/00 (2006.01) F41A 29/00 (2006.01)**
[25] EN
[54] **CLEANING DEVICE WITH KITE TAIL SWAB**
[54] **DISPOSITIF DE NETTOYAGE AYANT UN FAUBERT ARRIERE DE CERF-VOLANT**
[72] PISACANE, FERDINAND FREDERICK, US
[71] FOAMTEC INTERNATIONAL CO., LTD., US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021365)
[87] (WO2014/138459)
[30] US (61/773,284) 2013-03-06
[30] US (14/196,433) 2014-03-04

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[21] **2,904,359**
[13] A1

[51] **Int.Cl. H04N 5/232 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PROVIDING A PERSISTENT COMPANION DEVICE**
[54] **APPAREIL ET PROCÉDES POUR FOURNIR UN DISPOSITIF D'UTILISATEUR PERSISTANT**
[72] BREAZEAL, CYNTHIA, US
[71] JIBO, INC., US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/026815)
[87] (WO2014/152015)
[30] US (61/788,732) 2013-03-15

[21] **2,904,360**
[13] A1

[51] **Int.Cl. A61F 5/34 (2006.01)**
[25] EN
[54] **UTERINE COMPRESSION DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCÉDES DE COMPRESSION UTERINE**
[72] ABUHAMAD, ALFRED Z., US
[71] EASTERN VIRGINIA MEDICAL SCHOOL, US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021372)
[87] (WO2014/138466)
[30] US (61/773,376) 2013-03-06

[21] **2,904,361**
[13] A1

[51] **Int.Cl. D04C 1/00 (2006.01) D04C 3/00 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL BRAID**
[54] **TRESSE TRIDIMENSIONNELLE**
[72] HEAD, ANDREW A., US
[72] IVERS, VICTOR M., US
[72] IVERS, SAMUEL P., US
[71] A&P TECHNOLOGY, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028295)
[87] (WO2014/144049)
[30] US (61/788,944) 2013-03-15

[21] **2,904,362**
[13] A1

[51] **Int.Cl. F16D 3/32 (2006.01) F16C 11/04 (2006.01) F16C 11/06 (2006.01)**
[25] EN
[54] **HIGH ANGLE UNIVERSAL COUPLING WITH CONSTANT OR NEAR CONSTANT CHARACTERISTICS**
[54] **ACCOUPEMENT UNIVERSEL A ANGLE ELEVE A CARACTERISTIQUES CONSTANTES OU QUASI-CONSTANTES**
[72] ANGELO, GERALD JAY, US
[71] PACCAR INC, US
[85] 2015-09-04
[86] 2014-03-06 (PCT/US2014/021381)
[87] (WO2014/149889)
[30] US (13/838,114) 2013-03-15

[21] **2,904,363**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PLANT PEST CONTROL**
[54] **PROCEDES ET COMPOSITIONS POUR LA LUTTE CONTRE LES NUISIBLES DE PLANTE**
[72] WEI, JUN-ZHI, US
[72] WU, GUSUI, US
[72] SIMMONS, CARL R., US
[72] BAUM, THOMAS, US
[72] DAVIS, ERIC, US
[72] HUSSEY, RICHARD, US
[72] MITHCHUM, MELISSA G., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/024865)
[87] (WO2014/165227)
[30] US (61/780,395) 2013-03-13
[30] US (61/874,940) 2013-09-06

[21] **2,904,364**
[13] A1

[51] **Int.Cl. A61K 31/4745 (2006.01) C07D 491/04 (2006.01) C07D 498/14 (2006.01)**
[25] EN
[54] **OXAZOLO[5,4-C]QUINOLIN-2-ONE COMPOUNDS AS BROMODOMAIN INHIBITORS**
[54] **COMPOSES D'OXAZOLO[5,4-C]QUINOLIN-2-ONE EN TANT QU'INHIBITEURS DE BROMODOMAINES**
[72] ALBERT, JEFFREY, CA
[72] JOHNSTONE, SHAWN, CA
[72] JONES, PAUL, CA
[71] EPIGENETIX, INC., US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/026837)
[87] (WO2014/152029)
[30] US (61/789,639) 2013-03-15

[21] **2,904,365**
[13] A1

[51] **Int.Cl. B25J 9/16 (2006.01) B25J 9/00 (2006.01)**
[25] EN
[54] **EXOSUIT SYSTEM**
[54] **SYSTEME D'EXOCOSTUME**
[72] KORNBLUH, ROY DAVID, US
[72] KERNBAUM, ALEXANDER STREELE, US
[72] LOW, THOMAS, US
[72] WITHERSPOON, KATHERINE GOSS, US
[72] MCCOY, BRIAN KEITH, US
[72] ZIEMBA, ADAM ARNOLD EDWARD, US
[72] BIRKMEYER, PAUL MICHAEL, US
[72] MAHONEY, RICHARD M., US
[71] SRI INTERNATIONAL, US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/024876)
[87] (WO2014/151065)
[30] US (61/789,872) 2013-03-15
[30] US (61/790,406) 2013-03-15
[30] US (61/917,820) 2013-12-18
[30] US (61/917,829) 2013-12-18

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[21] **2,904,366**
[13] A1

[51] **Int.Cl. C12N 7/02 (2006.01)**
[25] EN
[54] **SCALABLE MANUFACTURING PROCESS TO PRODUCE RECOMBINANT LENTIVIRAL VECTORS IN SERUM-FREE SUSPENSION CELL CULTURE SYSTEM**
[54] **PROCEDE DE FABRICATION POUVANT ETRE MIS A L'ECHELLE POUR PRODUIRE DES VECTEURS LENTIVIRAUX RECOMBINANTS DANS UN SYSTEME DE CULTURE CELLULAIRE EN SUSPENSION SANS SERUM**
[72] QU, GUANG, US
[72] WRIGHT, JOHN FRASER, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030370)
[87] (WO2014/145578)
[30] US (61/787,818) 2013-03-15

[21] **2,904,367**
[13] A1

[51] **Int.Cl. C12N 15/63 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **YEAST PROMOTERS FROM PICHIA PASTORIS**
[54] **PROMOTEURS DE LEVURE PROVENANT DE PICHIA PASTORIS**
[72] TOLSTORUKOV, ILYA I., US
[72] CREGG, JAMES M., US
[71] KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022135)
[87] (WO2014/138703)
[30] US (61/774,982) 2013-03-08

[21] **2,904,368**
[13] A1

[51] **Int.Cl. F21V 5/00 (2015.01)**
[25] EN
[54] **LED ASSEMBLY HAVING A REFLECTOR OR REFRACTOR THAT PROVIDES IMPROVED LIGHT CONTROL**
[54] **ENSEMBLE DEL COMPRENANT UN REFLECTEUR OU UN REFRACTEUR PERMETTANT UNE MEILLEURE COMMANDE DE LA LUMIERE**
[72] CHEN, JIE, US
[72] MARQUARDT, CRAIG EUGENE, US
[72] WEISS, DANIEL AARON, US
[72] SEKOWSKI, DANIEL VINCENT, US
[72] ABDELSAMED, YASER S., US
[71] ABL IP HOLDING LLC, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030628)
[87] (WO2014/145802)
[30] US (13/837,731) 2013-03-15
[30] US (13/838,139) 2013-03-15

[21] **2,904,369**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/14 (2015.01)**
[25] EN
[54] **TARGETING CD138 IN CANCER**
[54] **CIBLAGE DE CD138 DANS LE CANCER**
[72] DOTTI, GIANPIETRO, US
[72] RAMOS, CARLOS A., US
[72] SAVOLDO, BARBARA, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022137)
[87] (WO2014/138704)
[30] US (61/774,040) 2013-03-07

[21] **2,904,370**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/29 (2006.01)**
[25] EN
[54] **METHODS OF STIMULATING INFANT LUNG AND GUT MATURATION**
[54] **PROCEDES DE STIMULATION DE LA MATURATION INTESTINALE ET PULMONAIRE CHEZ LE NOURRISSON**
[72] LAI, CHRON-SI, US
[72] BUDDINGTON, RANDAL, US
[71] ABBOTT LABORATORIES, US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/025921)
[87] (WO2014/160150)
[30] US (61/778,949) 2013-03-13
[30] US (61/778,959) 2013-03-13

[21] **2,904,371**
[13] A1

[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **STOWABLE AIRCRAFT CABIN ATTENDANT SEAT**
[54] **SIEGE ESCAMOTABLE D'AGENT DE BORD D'AERONEF**
[72] JOHNSON, WADE, US
[72] HAUSER, JAMES BRIAN, US
[71] B/E AEROSPACE, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022142)
[87] (WO2014/138706)
[30] US (61/775,180) 2013-03-08
[30] US (14/198,139) 2014-03-05

[21] **2,904,373**
[13] A1

[51] **Int.Cl. C11D 17/04 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE FILM FOR DELAYED RELEASE**
[54] **FILM HYDROSOLUBLE POUR UNE ACTION RETARDEE**
[72] LEE, DAVID M., US
[72] ZEESE, NICHOLAS, US
[72] CHILDERS, JENNIFER L., US
[72] BULLOCK, STEPHEN, US
[71] MONOSOL LLC, US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/026305)
[87] (WO2014/151718)
[30] US (61/801,807) 2013-03-15

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[21] **2,904,374**
[13] A1

[51] **Int.Cl. C07D 239/47 (2006.01) A61K 31/513 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF 4-AMINO-1-((1S,4R,5S)-2-FLUORO-4,5-DIHYDROXY-3-HYDROXYMETHYL-CYCLOPENT-2-ENYL)-1H-PYRIMIDIN-2-ONE**

[54] **PROCEDE POUR LA PREPARATION DE 4-AMINO-1-((1S,4R,5S)-2-FLUORO-4,5-DIHYDROXY-3-HYDROXYMETHYL-CYCLOPENT-2-ENYL)-1H-PYRIMIDIN-2-ONE**

[72] YIN, HAIFENG, CN

[72] KIM, DEOG JOONG, US

[72] FALB, ELIEZER, IL

[72] PEARCEY, LEIGH ANDRE, GB

[72] CUMMINS, JONATHAN, GB

[72] DIETERICH, PETRA, GB

[72] CARNIAUX, JEAN-FRANCOIS, GB

[72] WANG, YI, US

[72] PUROHIT, VIKRAIN CHANDRAKANT, US

[71] REXAHN PHARMACEUTICALS, INC., US

[85] 2015-09-04

[86] 2014-03-17 (PCT/US2014/030635)

[87] (WO2014/145807)

[30] US (61/800,475) 2013-03-15

[21] **2,904,375**
[13] A1

[51] **Int.Cl. C07C 45/27 (2006.01) B01J 23/34 (2006.01) B01J 27/24 (2006.01) C07B 33/00 (2006.01) C07C 47/56 (2006.01) C07C 47/58 (2006.01)**

[25] EN

[54] **CATALYSTS FOR THE MECHANOCATALYTIC OXIDATIVE DEPOLYMERIZATION OF POLYMER-CONTAINING MATERIALS AND METHODS OF MAKING OXIDIZED REACTION PRODUCTS USING SAME**

[54] **CATALYSEURS POUR LA DEPOLYMERISATION OXYDANTE MECANOCATALYTIQUE DE MATIERES CONTENANT UN POLYMERE ET PROCEDES DE FABRICATION DE PRODUITS DE REACTION OXYDES LES UTILISANT**

[72] BLAIR, RICHARD GEORGE, US

[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US

[85] 2015-09-04

[86] 2014-03-07 (PCT/US2014/022143)

[87] (WO2014/138707)

[30] US (61/774,825) 2013-03-08

[21] **2,904,376**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**

[25] EN

[54] **DETECTION OF LONG SHOTS IN SPORTS VIDEO**

[54] **DETECTION DE COUPS LONGS DANS UNE VIDEO DE SPORT**

[72] EMEOTT, STEPHEN P., US

[72] BAUM, KEVIN L., US

[72] LI, RENXIANG, US

[71] ARRIS TECHNOLOGY, INC., US

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[87] (WO2014/150081)

[30] US (13/842,056) 2013-03-15

[21] **2,904,377**
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[54] **IL-33 ANTAGONISTS AND USES THEREOF**

[54] **ANTAGONISTES DE L'IL-33 ET LEURS UTILISATIONS**

[72] MURPHY, ANDREW J., US

[72] PAPADOPOULOS, NICHOLAS J., US

[72] ORENGO, JAMIE, US

[71] REGENERON PHARMACEUTICALS, INC., US

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[86] 2014-03-14 (PCT/US2014/027058)

[87] (WO2014/152195)

[30] US (61/787,121) 2013-03-15

[30] US (61/819,029) 2013-05-03

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[21] **2,904,378**
[13] A1

[51] **Int.Cl. G06T 7/40 (2006.01) G06K 9/00 (2006.01)**

[25] EN

[54] **PLAYFIELD DETECTION AND SHOT CLASSIFICATION IN SPORTS VIDEO**

[54] **DETECTION DE TERRAIN DE JEU ET CLASSEMENT DES COUPS DANS UNE VIDEO SPORTIVE**

[72] LI, RENXIANG, US

[72] BAUM, KEVIN L., US

[72] ISHTIAQ, FAISAL, US

[71] ARRIS TECHNOLOGY, INC., US

[85] 2015-09-04

[86] 2014-03-07 (PCT/US2014/022152)

[87] (WO2014/150084)

[30] US (13/841,969) 2013-03-15

[21] **2,904,379**
[13] A1

[51] **Int.Cl. G01F 1/84 (2006.01) F17C 7/02 (2006.01) F25D 3/10 (2006.01)**

[25] EN

[54] **COOLING OF CRYOGENIC METERS SENSING REVERSE FLOW**

[54] **REFROIDISSEMENT DE COMPTEURS CRYOGENIQUES DETECTANT UN FLUX INVERSE**

[72] DRUBE, PAUL, US

[71] CHART INC., US

[85] 2015-09-04

[86] 2014-03-13 (PCT/US2014/026520)

[87] (WO2014/151829)

[30] US (61/794,615) 2013-03-15

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[13] A1

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[54] **FLUIDISED BED REACTOR SYSTEM**
[54] **SYSTEME DE REACTEURS A LIT FLUIDISE**
[72] SCHMID, JOHANNES, AT
[72] PROLL, TOBIAS, AT
[72] HOFBAUER, HERMANN, AT
[71] TECHNISCHE UNIVERSITAT WIEN, AT
[85] 2015-06-04
[86] 2013-11-11 (PCT/AT2013/050216)
[87] (WO2014/071436)
[30] AT (A1202/2012) 2012-11-12

[21] **2,904,381**
[13] A1

[51] **Int.Cl. B01D 53/64 (2006.01) B01D 53/02 (2006.01) B01D 53/83 (2006.01)**
[25] EN
[54] **USE OF FERROUS SULFIDE SUSPENSION FOR THE REMOVAL OF MERCURY FROM FLUE GASES**
[54] **UTILISATION D'UNE SUSPENSION DE SULFURE DE FER POUR ELIMINER LE MERCURE CONTENU DANS DES GAZ DE COMBUSTION**
[72] MCCULLOUGH, THOMAS P., US
[72] MEYER, GARY JOEL, US
[72] ROPER, RALPH E., US
[72] KRIECH, ANTHONY J., US
[71] REDOX TECHNOLOGY GROUP LLC, US
[85] 2015-09-04
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[87] (WO2014/138572)
[30] US (61/773,927) 2013-03-07
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[21] **2,904,382**
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[25] EN
[54] **ENHANCED EXPRESSION OF PICORNAVIRUS PROTEINS**
[54] **EXPRESSION ACCRUE DE PROTEINES DE PICORNAVIRUS**
[72] MASSARE, MICHAEL J., US
[71] NOVAVAX, INC., US
[85] 2015-09-04
[86] 2014-03-10 (PCT/US2014/022399)
[87] (WO2014/150150)
[30] US (61/790,114) 2013-03-15

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[13] A1

[51] **Int.Cl. A01N 43/16 (2006.01) A01N 25/08 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS AND RELATED METHODS OF USE**
[54] **COMPOSITIONS ANTIMICROBIENNES ET PROCEDES D'UTILISATION ASSOCIES**
[72] GANDHI, NIRANJAN RAMANLAL, US
[72] PALMER SKEBBA, VICTORIA, US
[72] STROBEL, GARY A., US
[71] JENEIL BIOSURFACTANT COMPANY, LLC, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030657)
[87] (WO2014/145828)
[30] US (13/815,839) 2013-03-15

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[13] A1

[51] **Int.Cl. B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 37/02 (2006.01)**
[25] EN
[54] **MULTILAYER COMPOSITE**
[54] **COMPOSITE MULTICOUCHE**
[72] TOFT, ADAM N., US
[72] REED, JACK, US
[72] LEFEBVRE, AMY A., US
[72] CRABB, CHARLES C., US
[72] MEHLMANN, FLORENCE, US
[71] ARKEMA FRANCE, FR
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027085)
[87] (WO2014/152218)
[30] US (61/786,752) 2013-03-15
[30] US (61/901,556) 2013-11-08
[30] US (61/901,550) 2013-11-08

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[13] A1

[51] **Int.Cl. A01K 67/027 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **RODENTS WITH CONDITIONAL ACVR1 MUTANT ALLELES**
[54] **RONGEURS AYANT DES ALLELES MUTANTS CONDITIONNELS DE ACVR1**
[72] ECONOMIDES, ARIS N., US
[72] HATSELL, SARAH JANE, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/026582)
[87] (WO2014/160429)
[30] US (61/778,814) 2013-03-13

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[13] A1

[51] **Int.Cl. A23C 19/08 (2006.01) A23C 19/068 (2006.01) A23C 19/072 (2006.01)**
[25] EN
[54] **RESTRUCTURED NATURAL PROTEIN MATRICES**
[54] **MATRICES DE PROTEINES NATURELLES RESTRUCTUREES**
[72] GANDHI, NIRANJAN R., US
[72] PALMER SKEBBA, VICTORIA, US
[72] MILANI, FRANCO X., US
[71] JENEIL BIOTECH, INC., US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030879)
[87] (WO2014/146010)
[30] US (61/852,465) 2013-03-15

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[54] **TRANSCUTANEOUS DOSAGE FORMULATION**

[54] **FORMULATION DE DOSE TRANSCUTANEE**

[72] BAKALETZ, LAUREN O., US

[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US

[85] 2015-09-04

[86] 2014-03-10 (PCT/US2014/022871)

[87] (WO2014/138748)

[30] US (61/775,132) 2013-03-08

[21] **2,904,389**
[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A61K 47/30 (2006.01) A61K 47/38 (2006.01) A61P 3/00 (2006.01)**

[25] EN

[54] **TARGETED GASTROINTESTINAL TRACT DELIVERY OF PROBIOTIC ORGANISMS AND/OR THERAPEUTIC AGENTS**

[54] **ADMINISTRATION CIBLEE D'ORGANISMES PROBIOTIQUES ET/OU D'AGENTS THERAPEUTIQUES DANS LE TRACTUS GASTRO-INTESTINAL**

[72] SCHENTAG, JEROME J., US

[72] KABADI, MOHAN, US

[71] THERABIOME, LLC, US

[85] 2015-09-04

[86] 2014-03-14 (PCT/US2014/027228)

[87] (WO2014/152338)

[30] US (61/781,810) 2013-03-14

[30] US (61/897,378) 2013-10-30

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[13] A1

[51] **Int.Cl. A47G 19/22 (2006.01)**

[25] EN

[54] **DRINK CONTAINERS AND CAP ASSEMBLIES**

[54] **RECIPIENTS DE BOISSON ET ENSEMBLES BOUCHON**

[72] BLAIN, CHRISTOPHER C., US

[72] CANEER, GREG, US

[72] DAVIES, JEFF, US

[71] CAMELBAK PRODUCTS, LLC, US

[85] 2015-09-04

[86] 2014-03-11 (PCT/US2014/022997)

[87] (WO2014/150347)

[30] US (61/788,811) 2013-03-15

[30] US (61/859,695) 2013-07-29

[30] US (14/203,303) 2014-03-10

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[13] A1

[51] **Int.Cl. A61F 13/56 (2006.01) A61F 13/62 (2006.01) A61F 13/64 (2006.01)**

[25] EN

[54] **DISPOSABLE ABSORBENT REFASTENABLE ARTICLES COMPRISING FOLDED FASTENING TAB MEMBERS**

[54] **ARTICLES REATTACHABLES ABSORBANTS JETABLES COMPRENANT DES COMPOSANTS DE PATTES DE FIXATION PLIEES**

[72] LAVON, GARY DEAN, US

[72] BARNHORST, JACOB ALAN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-09-04

[86] 2014-03-14 (PCT/US2014/028475)

[87] (WO2014/144177)

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[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 76/04 (2009.01)**

[25] EN

[54] **DETERMINISTIC UE BEHAVIOUR FOR CSI/SRS REPORTING DURING DRX**

[54] **COMPORTEMENT D'UE DETERMINISTE POUR LA DECLARATION CSI/SRS PENDANT LE DRX**

[72] LOEHR, JOACHIM, DE

[72] SUZUKI, HIDETOSHI, JP

[72] BASU MALLICK, PRATEEK, DE

[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US

[85] 2015-09-08

[86] 2013-12-04 (PCT/EP2013/075499)

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[13] A1

[51] **Int.Cl. C07D 213/74 (2006.01) C07D 211/56 (2006.01) C07D 211/58 (2006.01) C07D 231/40 (2006.01) C07D 237/04 (2006.01) C07D 285/16 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 403/06 (2006.01) C07D 405/06 (2006.01) C07D 419/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 487/10 (2006.01)**

[25] EN

[54] **COVALENT INHIBITORS OF KRAS G12C**

[54] **INHIBITEURS COVALENTS DE KRAS G12C**

[72] REN, PINGDA, US

[72] LIU, YI, US

[72] LI, LIANSHENG, US

[72] FENG, JUN, US

[72] WU, TAO, US

[71] ARAXES PHARMA LLC, US

[85] 2015-09-04

[86] 2014-03-14 (PCT/US2014/027504)

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[30] US (61/852,123) 2013-03-15

[30] US (61/889,480) 2013-10-10

[30] JO (98/2014) 2014-03-13

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[13] A1

[51] **Int.Cl. A61N 7/00 (2006.01) A61B 17/225 (2006.01)**

[25] EN

[54] **RAPID PULSE ELECTROHYDRAULIC (EH) SHOCKWAVE GENERATOR APPARATUS AND METHODS FOR MEDICAL AND COSMETIC TREATMENTS**

[54] **APPAREIL GENERATEUR D'ONDES DE CHOC ELECTROHYDRAULIQUE (EH) A IMPULSIONS RAPIDES ET PROCEDES POUR DES TRAITEMENTS MEDICAUX ET COSMETIQUES**

[72] CAPELLI, CHRISTOPHER C., US
[72] CROWLEY, ROBERT, US
[71] SOLITON, INC., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021746)
[87] (WO2014/138582)
[30] US (61/775,232) 2013-03-08
[30] US (13/798,710) 2013-03-13

[21] **2,904,395**
[13] A1

[51] **Int.Cl. C12P 7/64 (2006.01) C12N 5/00 (2006.01) C12N 5/02 (2006.01) C12N 9/00 (2006.01)**

[25] EN

[54] **THIOESTERASES AND CELLS FOR PRODUCTION OF TAILORED OILS**

[54] **THIOESTERASES ET CELLULES POUR LA PRODUCTION D'HUILES A FACON**

[72] RUDENKO, GEORGE N., US
[72] CASOLARI, JASON, US
[72] FRANKLIN, SCOTT, US
[71] SOLAZYME, INC., US

[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/026644)
[87] (WO2014/151904)
[30] US (61/791,861) 2013-03-15
[30] US (13/837,996) 2013-03-15
[30] US (61/917,217) 2013-12-17

[21] **2,904,396**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C07K 14/075 (2006.01) C12N 5/10 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR DUAL GLYCAN BINDING AAV VECTORS**

[54] **METHODES ET COMPOSITIONS DE DOUBLE LIAISON DE GLYCANE DE VECTEURS AVV**

[72] ASOKAN, ARAVIND, US
[72] SAMULSKI, RICHARD, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US

[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028545)
[87] (WO2014/144229)
[30] US (61/802,111) 2013-03-15

[21] **2,904,397**
[13] A1

[51] **Int.Cl. A61K 38/41 (2006.01) A61P 39/02 (2006.01) C07K 14/795 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF CARBOXYHEMOGLOBINEMIA**

[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE LA CARBOXYHEMOGLOBINEMIE**

[72] GLADWIN, MARK T., US
[72] TEJERO BRAVO, JESUS, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US

[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023180)
[87] (WO2014/150413)
[30] US (61/799,155) 2013-03-15
[30] US (61/834,035) 2013-06-12

[21] **2,904,398**
[13] A1

[51] **Int.Cl. E21B 10/26 (2006.01) E21B 10/02 (2006.01)**

[25] EN

[54] **UNDERREAMER FOR INCREASING A WELLBORE DIAMETER**

[54] **ELARGISSEUR POUR ACCROITRE UN DIAMETRE DE PUIITS DE FORAGE**

[72] FULLER, NATHAN, US
[72] BOSWELL, CRAIG, US
[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027527)
[87] (WO2014/152609)
[30] US (61/788,234) 2013-03-15
[30] US (14/208,512) 2014-03-13

[21] **2,904,399**
[13] A1

[51] **Int.Cl. A63B 69/20 (2006.01) A63B 69/22 (2006.01)**

[25] EN

[54] **PUNCHING BAG AND SUSPENSION SYSTEM**

[54] **SAC DE FRAPPE ET SYSTEME DE SUSPENSION**

[72] RUGGIERO, ROBERT P., US
[72] JOHNSON, ROBERT J., US
[72] RICHARDSON, KELLEY S., US
[71] RUGGIERO, ROBERT P., US
[71] JOHNSON, ROBERT J., US
[71] RICHARDSON, KELLEY S., US

[85] 2015-09-04
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[87] (WO2014/164745)
[30] US (13/797,691) 2013-03-12

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[13] A1

[51] **Int.Cl. A23L 1/305 (2006.01) A23L 1/29 (2006.01)**
[25] EN
[54] **PRETERM INFANT NUTRITIONAL COMPOSITIONS CONTAINING BETA-HYDROXY-BETA-METHYLBUTYRIC ACID PREPARATION POUR NOURRISSON PEU CALORIQUE**
[72] DAVIS, STEVEN, US
[72] MARRIAGE, BARBARA, US
[72] CLINGER, CHRISTINE, US
[72] BERGANA, MARTI, US
[72] BARRETT-REIS, BRIDGET, US
[71] ABBOTT LABORATORIES, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027534)
[87] (WO2014/152616)
[30] US (61/791,839) 2013-03-15

[21] **2,904,401**
[13] A1

[51] **Int.Cl. G02B 21/36 (2006.01) G01N 15/00 (2006.01) G01N 15/14 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **IMAGING BLOOD CELLS IMAGERIE DE CELLULES SANGUINES**
[72] ZAHNISER, DAVID, US
[72] ZAHNISER, MICHAEL, US
[72] WONG, KAM LIN, US
[72] HOHLFELD, ROBERT, US
[71] ROCHE DIAGNOSTICS HEMATOLOGY, INC., US
[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023401)
[87] (WO2014/164757)
[30] US (61/776,740) 2013-03-11
[30] US (61/794,946) 2013-03-15

[21] **2,904,402**
[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01) E21B 17/20 (2006.01)**
[25] EN
[54] **DRILL MOTOR CONNECTING ROD BIELLE POUR MOTEUR D'APPAREIL DE FORAGE**
[72] EPPINK, JAY MILTON, US
[72] FIELDS, THOMAS JAMES, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028586)
[87] (WO2014/144256)
[30] US (61/793,363) 2013-03-15

[21] **2,904,403**
[13] A1

[51] **Int.Cl. C07D 241/04 (2006.01) A61K 31/4965 (2006.01) A61P 17/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF TYROSINE KINASE INHIBITORS AND THEIR SALTS FORMES CRISTALLINES D'INHIBITEURS DE TYROSINE KINASE ET LEURS SELS**
[72] WU, JAY JIE-QIANG, US
[72] WANG, LING, US
[71] VM PHARMA LLC, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027591)
[87] (WO2014/152663)
[30] US (61/801,112) 2013-03-15

[21] **2,904,404**
[13] A1

[51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **BEHIND THE EAR HEARING AID AIDE AUDITIVE DERRIERE L'OREILLE**
[72] JENSEN, PETER NORDLAND, DK
[72] VAARBROE, KLAUS HENRIK, DK
[72] MARCHER, IB, DK
[71] WIDEX A/S, DK
[85] 2015-09-08
[86] 2013-12-11 (PCT/EP2013/076242)
[87] (WO2014/146741)
[30] EP (PCT/EP2013/055756) 2013-03-20

[21] **2,904,405**
[13] A1

[51] **Int.Cl. A47C 1/12 (2006.01)**
[25] EN
[54] **INVERTED MOTION BASE WITH SUSPENDED SEATING BASE A MOUVEMENT INVERSE AVEC SIEGES SUSPENDUS**
[72] FOSTER, SAMUEL T., US
[72] FROMYER, STEPHEN F., US
[72] KING, ERIC A., US
[72] JENNINGS, CLIFFORD A., US
[71] OCEANEERING INTERNATIONAL, INC., US
[85] 2015-09-04
[86] 2014-03-13 (PCT/US2014/026783)
[87] (WO2014/151992)
[30] US (61/801,695) 2013-03-15

[21] **2,904,406**
[13] A1

[51] **Int.Cl. C07C 27/02 (2006.01) C07C 31/125 (2006.01)**
[25] EN
[54] **DOWNSTREAM PROCESSING OF FATTY ALCOHOL COMPOSITIONS PRODUCED BY RECOMBINANT HOST CELLS TRAITEMENT EN AVAL DE COMPOSITIONS D'ALCOOL GRAS PRODUITES PAR DES CELLULES HOTES RECOMBINANTES**
[72] KO, MYONG K., US
[72] WANG, HAIBO, US
[72] COLE, PATRICIA J., US
[72] LIAO, PERRY Y., US
[72] LI, SIMON, US
[71] REG LIFE SCIENCES, LLC, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021776)
[87] (WO2014/138590)
[30] US (61/774,375) 2013-03-07

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[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01) C07K 16/26 (2006.01)**
[25] EN
[54] **DUAL SPECIFIC BINDING PROTEINS DIRECTED AGAINST TNF.ALPHA.**
[54] **PROTEINES DE LIAISON SPECIFIQUES A DOMAINES VARIABLES DOUBLES DIRIGÉES CONTRE TNF**
[72] GHAYUR, TARIQ, US
[72] GOODREAU, CARRIE, US
[71] ABBVIE INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028646)
[87] (WO2014/144299)
[30] US (61/794,964) 2013-03-15

[21] **2,904,410**
[13] A1

[51] **Int.Cl. E21F 9/00 (2006.01) E01F 9/00 (2006.01)**
[25] EN
[54] **IN PAVEMENT LIGHT FIXTURE WITH REMOVABLE PROTECTIVE COVER MEMBER**
[54] **APPAREIL DE LUMIERE DANS UN PAVAGE AVEC ELEMENT DE CAPOT PROTECTEUR AMOVIBLE**
[72] MORROW, GLENN, US
[72] ALEXANDER, B. RUSSELL, US
[71] ADB AIRFIELD SOLUTIONS, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021821)
[87] (WO2014/138602)
[30] US (61/773,873) 2013-03-07

[21] **2,904,413**
[13] A1

[51] **Int.Cl. H03F 1/02 (2006.01)**
[25] EN
[54] **TRACKING POWER SUPPLY WITH INCREASED BOOST CAPABILITY**
[54] **ALIMENTATION ELECTRIQUE DE SUIVI PRESENTANT UNE CAPACITE D'AMPLIFICATION AUGMENTEE**
[72] JONES, OWEN, US
[72] FINCHAM, LAWRENCE R., US
[71] THX LTD, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021823)
[87] (WO2014/164309)
[30] US (13/797,473) 2013-03-12

[21] **2,904,408**
[13] A1

[51] **Int.Cl. C07H 21/04 (2006.01)**
[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS DE REGULATION DES PLANTES ET LEURS UTILISATIONS**
[72] CHITTOOR, JAISHREE M., US
[72] MIYAMOTO, AMY J., US
[72] NICHOLS, AMY M., US
[72] OUFATTOLE, MOHAMMED, US
[72] PETERSEN, MICHAEL W., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023648)
[87] (WO2014/159434)
[30] US (61/785,268) 2013-03-14

[21] **2,904,411**
[13] A1

[51] **Int.Cl. B01D 15/36 (2006.01) C07K 1/18 (2006.01) C07K 1/22 (2006.01) C07K 14/705 (2006.01) C07K 14/715 (2006.01) C07K 16/00 (2006.01) C07K 16/06 (2006.01)**
[25] EN
[54] **REMOVAL OF LEAKED AFFINITY PURIFICATION LIGAND**
[54] **ELIMINATION DE LIGAND DE PURIFICATION D'AFFINITE AYANT FUI**
[72] TREJO, SAMUEL RAY, US
[72] BRAKE, ROBERT PERRY, US
[71] AMGEN INC., US
[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023682)
[87] (WO2014/159441)
[30] US (61/785,038) 2013-03-14

[21] **2,904,414**
[13] A1

[51] **Int.Cl. C08G 18/44 (2006.01) C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/66 (2006.01) C08G 18/75 (2006.01)**
[25] EN
[54] **POLYURETHANES, ARTICLES AND COATINGS PREPARED THEREFROM AND METHODS OF MAKING THE SAME**
[54] **POLYURETHANES, ARTICLES ET REVETEMENTS PREPARES AVEC CEUX-CI ET PROCEDES DE FABRICATION ASSOCIES**
[72] RUKAVINA, THOMAS G., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027853)
[87] (WO2014/152819)
[30] US (61/783,197) 2013-03-14

[21] **2,904,409**
[13] A1

[51] **Int.Cl. A45D 26/00 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **LASER SHAVING**
[54] **RASAGE LASER**
[72] BINUN, PAUL, US
[72] GUSTAVSSON, MORGAN LARS AKE, US
[71] BINUN, PAUL, US
[71] GUSTAVSSON, MORGAN LARS AKE, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027674)
[87] (WO2014/143670)
[30] US (61/801,162) 2013-03-15
[30] US (14/210,248) 2014-03-13

[21] **2,904,412**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **SURGICAL IMPLANT**
[54] **IMPLANT CHIRURGICAL**
[72] DEICHMANN, THORSTEN, DE
[72] PRIEWE, JORG, DE
[71] JOHNSON & JOHNSON MEDICAL GMBH, DE
[85] 2015-09-08
[86] 2014-02-21 (PCT/EP2014/000466)
[87] (WO2014/139633)
[30] DE (10 2013 004 573.8) 2013-03-11

[21] **2,904,415**
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **SURGICAL IMPLANT**
[54] **IMPLANT CHIRURGICAL**
[72] PRIEWE, JORG, DE
[72] HARMS, VOLKER, DE
[71] JOHNSON & JOHNSON MEDICAL GMBH, DE
[85] 2015-09-08
[86] 2014-02-21 (PCT/EP2014/000468)
[87] (WO2014/139635)
[30] DE (10 2013 004 574.6) 2013-03-11

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[21] **2,904,416**
[13] A1

[51] **Int.Cl. A61K 47/36 (2006.01) A61K 9/20 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **STABILIZATION OF MOISTURE-SENSITIVE DRUGS**
[54] **STABILISATION DE MEDICAMENTS SENSIBLES A L'HUMIDITE**
[72] KARAKATSANI, MARIANTHI N., US
[72] KUMAR, ANITA, US
[72] KUMBHANI, DEVJIBHAI D., US
[72] THANGAMATHESVARAN, PALLAPALAYAM M., US
[71] AMNEAL PHARMACEUTICALS, LLC, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021824)
[87] (WO2014/138603)
[30] US (61/774,150) 2013-03-07

[21] **2,904,417**
[13] A1

[51] **Int.Cl. F21V 29/00 (2015.01)**
[25] EN
[54] **USING METHOD AND APPLICATION OF LIGHT CONDUCTION AND HEAT DISSIPATION LIQUID IN LIQUID-COOLED LED LIGHTING LAMP**
[54] **PROCEDE D'UTILISATION ET APPLICATION DE LIQUIDE DE CONDUCTION DE LUMIERE ET DE DISSIPATION DE CHALEUR DANS UNE LAMPE D'ECLAIRAGE A DEL REFROIDIE PAR UN LIQUIDE**
[72] CHEN, XIRAN, CN
[71] BEIJING UGETLIGHT CO., LTD., CN
[85] 2015-09-08
[86] 2014-03-06 (PCT/CN2014/072990)
[87] (WO2014/135105)
[30] CN (201310074736.9) 2013-03-08

[21] **2,904,418**
[13] A1

[51] **Int.Cl. G06F 19/22 (2011.01)**
[25] EN
[54] **ASSAYS AND METHODS FOR SELECTING A TREATMENT REGIMEN FOR A SUBJECT WITH DEPRESSION**
[54] **TESTS ET PROCEDES DE SELECTION D'UN REGIME DE TRAITEMENT POUR UN SUJET ATTEINT DE DEPRESSION**
[72] FAVA, MAURIZIO, US
[72] PAPAKOSTAS, GEORGE, US
[72] KOCH, HAROLD O., JR., US
[72] KRONLAGE, DAVID, US
[71] NESTEC S.A., CH
[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023695)
[87] (WO2014/164882)
[30] US (61/777,650) 2013-03-12
[30] US (13/796,362) 2013-03-12
[30] US (61/914,338) 2013-12-10

[21] **2,904,419**
[13] A1

[51] **Int.Cl. F03D 7/04 (2006.01)**
[25] EN
[54] **WIND TURBINE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE TURBINE EOLIENNE**
[72] ILLING, WES, US
[71] ILLING ENGINEERING SERVICES, US
[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023713)
[87] (WO2014/164891)
[30] US (61/776,709) 2013-03-11

[21] **2,904,420**
[13] A1

[51] **Int.Cl. C11D 3/48 (2006.01) C11D 1/00 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **SOLID CONCENTRATE COMPOSITIONS CONTAINING ZINC PYRITHIONE**
[54] **COMPOSITIONS DE CONCENTRE SOLIDE CONTENANT DE LA PYRITHIONE DE ZINC**
[72] SALVADOR, CHARLIE REYES, SG
[72] JIANG, CHUNPENG, CN
[72] LIU, ZHE, CN
[72] SHOWOLE, GBENGA SEGUN, CN
[72] SUN, YANAN, CN
[72] MAKRANDI, ANURAG, SG
[72] NICDAO, RAUL SONGCO, PH
[72] LIMBERG, BRIAN JOSEPH, US
[72] SMITH, EDWARD DEWEY, III, US
[72] WANG, JUAN, CN
[72] CHENG, ENJUN, CN
[72] KELLY, CASEY PATRICK, US
[72] COOK, JASON EDWARD, US
[72] STRENGER, PATRICK CHRISTOPHER, US
[72] XU, XIUJUN, CN
[72] WEI, KARL SHIQING, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-09-08
[86] 2014-03-13 (PCT/CN2014/073389)
[87] (WO2014/139449)
[30] CN (PCT/CN2013/072648) 2013-03-14
[30] CN (PCT/CN2013/074366) 2013-04-18

[21] **2,904,421**
[13] A1

[51] **Int.Cl. G01L 13/00 (2006.01)**
[25] EN
[54] **DIRECTIONAL DIFFERENTIAL PRESSURE DETECTOR**
[54] **DETECTEUR DE PRESSION DIFFERENTIELLE DIRECTIONNELLE**
[72] WISEMAN, BRIAN M., US
[71] WISEMAN, BRIAN M., US
[85] 2015-09-04
[86] 2014-03-12 (PCT/US2014/024139)
[87] (WO2014/150755)
[30] US (61/791,703) 2013-03-15

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[21] **2,904,422**
[13] A1

[51] **Int.Cl. B65D 5/36 (2006.01) B65D 5/44 (2006.01) B65D 77/02 (2006.01)**

[25] EN

[54] **RECLOSABLE PACKING CASE AND METHOD OF MAKING SAME**

[54] **CAISSE D'EMBALLAGE REFERMABLE ET SON PROCEDE DE PRODUCTION**

[72] WEAVER, J. MICHAEL, US
[72] REILLY, JEFFREY, US
[71] STANDARD KNAPP INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021829)
[87] (WO2014/159069)
[30] US (13/826,004) 2013-03-14
[30] US (13/804,931) 2013-03-14

[21] **2,904,423**
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/17 (2006.01)**

[25] EN

[54] **MEDICAL TOOL SYSTEM**

[54] **SYSTEME D'OUTIL MEDICAL**

[72] BALZARINI, AMOS, DE
[71] WALDEMAR LINK GMBH & CO. KG, DE
[85] 2015-09-08
[86] 2014-01-16 (PCT/EP2014/050797)
[87] (WO2014/135293)
[30] EP (13157855.1) 2013-03-05

[21] **2,904,424**
[13] A1

[51] **Int.Cl. H04N 19/11 (2014.01) H04N 19/46 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS OF CAMERA PARAMETER SIGNALING IN 3D VIDEO CODING**

[54] **PROCEDE ET APPAREIL DE SIGNALISATION DE PARAMETRES DE CAMERA LORS D'UN CODAGE VIDEO 3D**

[72] CHANG, YU-LIN, CN
[72] CHEN, YI-WEN, CN
[72] LIN, JIAN-LIANG, CN
[71] MEDIATEK INC., CN
[85] 2015-09-08
[86] 2014-07-18 (PCT/CN2014/082550)
[87] (WO2015/007242)
[30] US (61/856,321) 2013-07-19
[30] US (61/859,797) 2013-07-30
[30] US (61/860,707) 2013-07-31
[30] US (61/890,366) 2013-10-14
[30] US (61/891,201) 2013-10-15
[30] US (61/897,364) 2013-10-30

[21] **2,904,425**
[13] A1

[51] **Int.Cl. C13K 1/02 (2006.01) C13K 13/00 (2006.01)**

[25] EN

[54] **METHOD FOR BREAKING DOWN LIGNOCELLULOSIC BIOMASS**

[54] **PROCEDE DE DEGRADATION DE BIOMASSE LIGNOCELLULOSIQUE**

[72] KALDSTROM, MATS, DE
[72] RINALDI, ROBERTO, DE
[72] MEINE, NIKLAS, DE
[72] SCHUTH, FERDI, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
[85] 2015-09-08
[86] 2014-03-06 (PCT/DE2014/100080)
[87] (WO2014/139515)
[30] DE (10 2013 102 452.1) 2013-03-12

[21] **2,904,426**
[13] A1

[51] **Int.Cl. B23D 59/00 (2006.01) B28D 7/02 (2006.01)**

[25] EN

[54] **A CUTTING APPARATUS**

[54] **APPAREIL DE COUPE**

[72] BATRES, BENJAMIN, US
[72] LABANCO, SAM KENNETH, US
[72] NAJI, BASIL, US
[72] PROKOP, GARY FRANK, US
[72] VENTH, WILLIAM EDWIN, US
[72] SPENCER, MATTHEW, US
[71] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2015-09-08
[86] 2014-03-11 (PCT/EP2014/054756)
[87] (WO2014/140052)
[30] US (61/776,338) 2013-03-11

[21] **2,904,427**
[13] A1

[51] **Int.Cl. A61F 2/38 (2006.01)**

[25] EN

[54] **ADJUSTABLE LATERAL ARTICULATING CONDYLE**

[54] **CONDYLE D'ARTICULATION LATERALE REGLABLE**

[72] WINSLOW, NATHAN A., US
[71] BIOMET MANUFACTURING, LLC, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021970)
[87] (WO2014/159108)
[30] US (13/800,740) 2013-03-13

[21] **2,904,428**
[13] A1

[51] **Int.Cl. G11B 33/04 (2006.01) A45C 11/00 (2006.01) B65D 25/20 (2006.01) B65D 51/24 (2006.01)**

[25] EN

[54] **STORAGE CASE**

[54] **ETUI DE STOCKAGE**

[72] SOLLING, TINO, DK
[71] SCANAVO A/S, DK
[71] SCANAVO MANUFACTURING HK LTD., CN
[85] 2015-09-08
[86] 2013-08-27 (PCT/DK2013/000052)
[87] (WO2014/139530)
[30] DK (PA 2013 00144) 2013-03-14

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[21] **2,904,429**
[13] A1

[51] **Int.Cl. B05D 5/00 (2006.01) B05D 1/28 (2006.01) B32B 7/04 (2006.01) C09J 7/02 (2006.01)**

[25] EN

[54] **DRY PRIMER FILM COMPOSITE AND USE THEREOF**

[54] **FILM COMPOSITE D'ACCROCHAGE A SEC ET SON UTILISATION**

[72] AMICK, MATTHEW PAUL, US
[72] CHOJNOWSKI, DANIEL, US
[72] NAUGHTON, DAVID, US
[72] YAHKIND, ALEXANDER LEO, US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2015-09-08
[86] 2014-03-12 (PCT/EP2014/054760)
[87] (WO2014/140056)
[30] US (61/790,302) 2013-03-15
[30] EP (13172265.4) 2013-06-17

[21] **2,904,430**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) A61K 47/48 (2006.01) G01N 33/92 (2006.01)**

[25] EN

[54] **COMPOUND-CARRIER SYSTEMS FOR ASSAYS IN NEMATODES**

[54] **SYSTEMES PORTEURS DE COMPOSES POUR ANALYSES CHEZ LES NEMATODES**

[72] MANIVET, PHILIPPE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2015-09-08
[86] 2014-03-07 (PCT/EP2014/054482)
[87] (WO2014/135691)
[30] EP (13305262.1) 2013-03-08

[21] **2,904,431**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 40/06 (2012.01)**

[25] EN

[54] **METHOD OR SYSTEM FOR INVESTING AND/OR TRADING PROCEDE OU SYSTEME D'INVESTISSEMENT ET/OU DE TRANSACTION**

[72] WILLOUGHBY, JAY, US
[71] WILLOUGHBY, JAY, US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021989)
[87] (WO2014/164343)
[30] US (13/800,122) 2013-03-13

[21] **2,904,432**
[13] A1

[51] **Int.Cl. A61K 47/32 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61K 31/485 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **HIGH DRUG LOAD BUPRENORPHINE MICROSPHERES AND METHOD OF PRODUCING THE SAME**

[54] **MICROSPHERES DE BUPRENORPHINE A FORTE CHARGE DE MEDICAMENT ET LEUR PROCEDE DE FABRICATION**

[72] THANOO, BAGAVATHIKANUN CHITHAMBARA, US
[72] RICHEY, TRACY, US
[71] THANOO, BAGAVATHIKANUN CHITHAMBARA, US
[71] OAKWOOD LABORATORIES LLC, US
[71] RICHEY, TRACY, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/027982)
[87] (WO2014/143839)
[30] US (13/837,181) 2013-03-15

[21] **2,904,433**
[13] A1

[51] **Int.Cl. G01N 33/74 (2006.01)**

[25] EN

[54] **NON-OXIDIZED, BIOLOGICAL ACTIVE PARATHYROID HORMONE DETERMINES MORTALITY IN HEMODIALYSIS PATIENTS**

[54] **PARATHORMONE BIOLOGIQUE ACTIVE, NON OXYDEE DETERMINANT LA MORTALITE CHEZ DES PATIENTS HEMODIALYSES**

[72] ARMBRUSTER, FRANZ PAUL, DE
[72] HOCHER, BERTHOLD, DE
[72] ROTH, HEINZ JURGEN, DE
[71] IMMUNDIAGNOSTIK AG, DE
[85] 2015-09-08
[86] 2014-03-07 (PCT/EP2014/054508)
[87] (WO2014/135701)
[30] EP (13158401.3) 2013-03-08

[21] **2,904,434**
[13] A1

[51] **Int.Cl. H01R 9/05 (2006.01) H01R 24/50 (2011.01) H01R 13/17 (2006.01) H01R 13/18 (2006.01) H01R 13/629 (2006.01)**

[25] EN

[54] **RF CONNECTOR WITH PUSH-ON CONNECTION**

[54] **CONNECTEUR RF A CONNEXION A POUSSER**

[72] ERDOS, DAVID EUGENE, US
[72] LETTKEMAN, DAVID MICHAEL, US
[71] DISH NETWORK L.L.C., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/021999)
[87] (WO2014/159112)
[30] US (13/831,513) 2013-03-14

[21] **2,904,435**
[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01) A61F 2/30 (2006.01)**

[25] EN

[54] **DEVICE FOR REPAIRING AN INTERVERTEBRAL DISC**

[54] **DISPOSITIF POUR REPARER UN DISQUE INTERVERTEBRAL**

[72] SERRAHIMA TORNEL MARC, ES
[72] LLAS VARGAS, SALVADOR, ES
[72] RODRIGUEZ ALONSO, ANA, ES
[72] CHARLES-HARRIS FERRER, MONTSERRAT, ES
[72] CHICO ROCA, LLUIS, ES
[72] CLAVEL LARIA, PABLO, ES
[71] NEOS SURGERY, S.L., ES
[85] 2015-09-08
[86] 2014-03-12 (PCT/EP2014/054894)
[87] (WO2014/140136)
[30] EP (13159635.5) 2013-03-15

[21] **2,904,436**
[13] A1

[51] **Int.Cl. C07C 243/38 (2006.01)**

[25] EN

[54] **BORON-CONTAINING DIACYLHYDRAZINES**

[54] **DIACYLHYDRAZINES CONTENANT DU BORE**

[72] CHELLAPPAN, SHEELA K., US
[72] SHULMAN, INNA, US
[72] HORMAN, ROBERT E., US
[71] INTREXON CORPORATION, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028768)
[87] (WO2014/144380)
[30] US (61/792,412) 2013-03-15

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[21] **2,904,437**
[13] A1

[51] **Int.Cl. B60K 17/35 (2006.01)**
[25] EN
[54] **VARIATOR BYPASS CLUTCH**
[54] **EMBRAYAGE DE DERIVATION**
DE VARIATEUR
[72] RASZKOWSKI, JAMES A., US
[72] TURNER, JEREMY A., US
[72] POHL, BRAD PHILIP, US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028814)
[87] (WO2014/144412)
[30] US (61/794,523) 2013-03-15

[21] **2,904,438**
[13] A1

[51] **Int.Cl. G07B 15/02 (2011.01)**
[25] EN
[54] **PORTABLE COMMUNICATION**
DEVICE AND SYSTEM AND
METHOD THEREFOR
[54] **DISPOSITIF DE**
COMMUNICATION PORTATIF ET
SYSTEME ET PROCEDE
ASSOCIES
[72] GORMLEY, MICHAEL, US
[71] SITA INFORMATION
NETWORKING COMPUTING
IRELAND LIMITED, IE
[85] 2015-09-08
[86] 2014-03-13 (PCT/EP2014/055037)
[87] (WO2014/140224)
[30] US (61/784,479) 2013-03-14
[30] GB (1317659.9) 2013-10-04

[21] **2,904,439**
[13] A1

[51] **Int.Cl. C23C 22/34 (2006.01) C23C**
22/36 (2006.01) H01M 4/04 (2006.01)
H01M 4/66 (2006.01) H01M 4/505
(2010.01) H01M 4/525 (2010.01)
H01M 4/58 (2010.01)
[25] EN
[54] **PRETREATMENT**
COMPOSITIONS AND METHODS
FOR COATING A BATTERY
ELECTRODE
[54] **COMPOSITIONS DE**
PRETRAITEMENT ET PROCEDES
DE REVETEMENT D'UNE
ELECTRODE DE BATTERIE
[72] HELLRING, STUART D., US
[72] DAUGHENBAUGH, RANDY E., US
[72] KARABIN, RICHARD F., US
[72] RAKIEWICZ, EDWARD F., US
[72] SYLVESTER, KEVIN THOMAS, US
[72] SILVERNAIL, NATHAN J., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022005)
[87] (WO2014/150050)
[30] US (13/832,074) 2013-03-15

[21] **2,904,440**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K**
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(2006.01) A61K 48/00 (2006.01) A61P
31/04 (2006.01) C07H 21/04 (2006.01)
C07K 7/06 (2006.01) C07K 7/08
(2006.01) C12N 15/31 (2006.01)
[25] EN
[54] **ANTISENSE MOLECULES FOR**
TREATMENT OF
STAPHYLOCOCCUS AUREUS
INFECTION
[54] **MOLECULES ANTISENS POUR LE**
TRAITEMENT DE L'INFECTION
A STAPHYLOCOCCUS AUREUS
[72] MALONE, BRETT, US
[72] BRYSON, JOSHUA, US
[71] TECHULON INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028855)
[87] (WO2014/144442)
[30] US (61/786,946) 2013-03-15

[21] **2,904,441**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS**
FOR CANCER PROGNOSIS
[54] **COMPOSITIONS ET PROCEDES**
POUR LE PRONOSTIC DE
CANCER
[72] SHIPITSIN, MICHAEL V., US
[72] GILADI, ELDAR Y., US
[72] SMALL, CLAYTON G., III, US
[72] NIFONG, THOMAS P., US
[72] BLUME-JENSEN, PETER, US
[72] DUNYAK, JAMES PATRICK, US
[71] METAMARK GENETICS, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029158)
[87] (WO2014/144657)
[30] US (61/792,003) 2013-03-15

[21] **2,904,442**
[13] A1

[51] **Int.Cl. C08F 283/06 (2006.01) C08F**
283/10 (2006.01) C09D 151/08
(2006.01)
[25] EN
[54] **ACRYLIC GRAFTED POLYETHER**
RESINS BASED ON PHENOL
STEARIC ACID AND COATING
COMPOSITIONS FORMED
THEREFROM
[54] **RESINES DE POLYETHER**
GREFFE PAR DES RADICAUX
ACRYLIQUES, A BASE D'ACIDE
PHENOLSTEARIQUE, ET
COMPOSITIONS DE
REVETEMENT FORMEES A
PARTIR DE CELLES-CI
[72] CRAUN, GARY PIERCE, US
[72] BODE, DANIEL, US
[72] BANACH, TIMOTHY EDWARD, US
[72] ROBIDEAU, GARY JOSEPH, US
[72] HOWARD, LEIGH SCOTT, US
[71] AKZO NOBEL COATINGS
INTERNATIONAL B.V., NL
[71] SI GROUP, INC., US
[85] 2015-09-08
[86] 2014-03-14 (PCT/EP2014/055048)
[87] (WO2014/140234)
[30] US (61/791,964) 2013-03-15
[30] EP (13178520.6) 2013-07-30

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[21] **2,904,443**
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **ANTI-ROTATION ASSEMBLY FOR SLIDING SLEEVE**
[54] **ENSEMBLE ANTI-ROTATION POUR MANCHON COULISSANT**
[72] WILKIN, JAMES F., US
[72] GARCIA, CESAR G., US
[71] WEATHERFORD/LAMB, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022011)
[87] (WO2014/138649)
[30] US (13/789,984) 2013-03-08

[21] **2,904,444**
[13] A1

[51] **Int.Cl. C07K 14/81 (2006.01) C07K 19/00 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **DUAL REACTIVITY POTENT KUNITZ INHIBITOR OF FIBRINOLYSIS**
[54] **INHIBITEUR DE FIBRINOLYSE DU TYPE KUNITZ, PUISSANT ET A DOUBLE REACTIVITE**
[72] BAJAJ, PAUL S., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029159)
[87] (WO2014/144658)
[30] US (61/793,131) 2013-03-15
[30] US (61/922,026) 2013-12-30

[21] **2,904,445**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **EXTENDED LENGTH PACKER WITH TIMED SETTING**
[54] **GARNITURE DE LONGUEUR ETENDUE AVEC ETABLISSEMENT TEMPORISE**
[72] ZIMMERMAN, PATRICK J., US
[72] PARKER, CHARLES D., US
[72] DERBY, MICHAEL C., US
[72] GOODMAN, BRANDON C., US
[72] SMITH, PAUL L., US
[72] HARRALL, SIMON J., US
[71] WEATHERFORD/LAMB, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022016)
[87] (WO2014/138650)
[30] US (61/774,727) 2013-03-08
[30] US (61/776,561) 2013-03-11

[21] **2,904,446**
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **MILLABLE FRACTURE BALLS COMPOSED OF METAL**
[54] **BILLES DE FRACTURE POUVANT ETRE FRAISEES CONSTITUEES PAR DU METAL**
[72] ROSSING, MICHAEL, US
[72] GARCIA, CESAR, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022022)
[87] (WO2014/138653)
[30] US (61/774,729) 2013-03-08

[21] **2,904,448**
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **DUAL SPECIFIC BINDING PROTEINS DIRECTED AGAINST IL-1.BETA. AND/OR IL-17**
[54] **PROTEINES DE LIAISON SPECIFIQUES A DOMAINES VARIABLES DOUBLES DIRIGEEES CONTRE IL -1? ET/OU IL -17**
[72] GHAYUR, TARIQ, US
[72] GU, JIJIE, US
[72] HARRIS, MARIA, US
[72] GOODREAU, CARRIE, US
[72] SALUJA, SONAL, US
[71] ABBVIE INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/028618)
[87] (WO2014/144280)
[30] US (61/799,700) 2013-03-15

[21] **2,904,449**
[13] A1

[51] **Int.Cl. B65D 33/00 (2006.01) B65D 30/20 (2006.01) B65D 33/06 (2006.01)**
[25] EN
[54] **GUSSETED BAGS WITH A TAB**
[54] **SACS A GOUSSETS AVEC UNE PATTE**
[72] WILFONG, HARRY B., JR., US
[71] HILEX POLY CO. LLC, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029337)
[87] (WO2014/144783)
[30] US (61/800,337) 2013-03-15
[30] US (14/213,182) 2014-03-14

[21] **2,904,450**
[13] A1

[51] **Int.Cl. C08J 7/04 (2006.01) B29C 55/28 (2006.01) B29D 7/01 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **MINERAL-CONTAINING FILMS**
[54] **FILMS CONTENANT DES MINERAUX**
[72] WILFONG, HARRY B., JR., US
[72] HOVER, PATRICK J., US
[72] HILLARD, DANNY G., US
[72] SHAW, TODD, US
[71] HILEX POLY CO. LLC, US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029387)
[87] (WO2014/144816)
[30] US (61/800,916) 2013-03-15
[30] US (14/213,477) 2014-03-14

[21] **2,904,459**
[13] A1

[51] **Int.Cl. B01D 19/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SINGLE CRYSTALLINE MICROSTRUCTURES AND METHODS AND DEVICES RELATED THERETO**
[54] **MICROSTRUCTURES MONOCRISTALLINES, PROCEDES ET DISPOSITIFS ASSOCIES**
[72] SUMMERS, ERIC, US
[72] MELOY, ROB, US
[71] ETREMA PRODUCTS, INC., US
[85] 2015-09-08
[86] 2013-01-31 (PCT/US2013/024128)
[87] (WO2013/137989)
[30] US (61/610,256) 2012-03-13

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[21] **2,904,462**
[13] A1

[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/437 (2006.01) A61K 31/504 (2006.01) A61P 25/16 (2006.01)**

[25] EN

[54] **MACROCYCLIC LRRK2 KINASE INHIBITORS**

[54] **INHIBITEURS MACROCYCLIQUES DE LA KINASE LRRK2**

[72] HOFACK, JAN, BE
[72] BLOM, PETRA, BE
[72] LAVERGNE, OLIVIER, FR
[71] IPSEN PHARMA S.A.S, FR
[71] ONCODESIGN S.A., FR
[85] 2015-09-08
[86] 2014-03-14 (PCT/EP2014/055049)
[87] (WO2014/140235)
[30] EP (13305311.6) 2013-03-15
[30] EP (13305314.0) 2013-03-15

[21] **2,904,465**
[13] A1

[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/437 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **NOVEL INHIBITORS**

[54] **NOUVEAUX INHIBITEURS**

[72] HEISER, ULRICH, DE
[72] BUCHHOLZ, MIRKO, DE
[72] SOMMER, ROBERT, DE
[72] DEMUTH, HANS-ULRICH, DE
[72] MEYER, ANTJE, DE
[71] PROBIODRUG AG, DE
[85] 2015-09-08
[86] 2014-03-14 (PCT/EP2014/055106)
[87] (WO2014/140279)
[30] US (61/790,604) 2013-03-15

[21] **2,904,468**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01)**

[25] EN

[54] **ANTIVIRAL INDOLO[2,3-B]QUINOXALINE**

[54] **INDOLO[2,3-B]QUINOXALINE ANTIVIRALE**

[72] HOMMAN, MOHAMMED, SE
[72] KINGI, NGARITA, SE
[72] BERGMAN, JAN, SE
[72] BERG, ROBERT, SE
[71] VIRONOVA HERPES AB, SE
[85] 2015-09-08
[86] 2014-03-14 (PCT/EP2014/055178)
[87] (WO2014/140321)
[30] US (61/788,867) 2013-03-15

[21] **2,904,469**
[13] A1

[51] **Int.Cl. A61M 39/10 (2006.01)**

[25] EN

[54] **TUBE FOR EXTRA-CORPOREAL CIRCUIT WITH DOUBLE CONNECTOR**

[54] **TUBE POUR CIRCUIT EXTRACORPOREL A DOUBLE RACCORD**

[72] FINI, MASSIMO, IT
[72] REITER, REINHOLD, IT
[72] WEHMEYER, WOLFGANG, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2015-09-08
[86] 2014-03-18 (PCT/EP2014/055392)
[87] (WO2014/147061)
[30] EP (13160216.1) 2013-03-20

[21] **2,904,471**
[13] A1

[51] **Int.Cl. F28D 7/00 (2006.01) F28F 9/013 (2006.01)**

[25] EN

[54] **TUBE BUNDLE FOR SHELL-AND-TUBE HEAT EXCHANGER AND A METHOD OF USE**

[54] **FAISCEAU TUBULAIRE POUR ECHANGEUR DE CHALEUR A ENVELOPPE ET TUBE ET PROCEDE D'UTILISATION**

[72] LJUBICIC, BLAZO, LU
[71] KOCH HEAT TRANSFER COMPANY, LP, US
[85] 2015-09-08
[86] 2014-01-31 (PCT/US2014/014239)
[87] (WO2014/143435)
[30] US (13/828,422) 2013-03-14

[21] **2,904,472**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**

[25] EN

[54] **KITS COMPRISING PLUS-SENSE SINGLE STRANDED RNA VIRAL VECTORS AND METHODS FOR PRODUCING POLYPEPTIDES USING THE KITS**

[54] **TROUSSES COMPRENANT DES VECTEURS VIRAUX A ARN A SIMPLE BRIN DE SENS PLUS ET PROCEDES DE PRODUCTION DE POLYPEPTIDES A L'AIDE DES TROUSSES**

[72] COMMANDEUR, ULRICH, DE
[72] DICKMEIS, CHRISTINA, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] RHEINISCH-WESTFAELISCH-TECHNISCHE HOCHSCHULE AACHEN, DE
[85] 2015-09-08
[86] 2014-03-21 (PCT/EP2014/055730)
[87] (WO2014/147235)
[30] EP (13160627.9) 2013-03-22

[21] **2,904,474**
[13] A1

[51] **Int.Cl. A61F 5/37 (2006.01)**

[25] EN

[54] **DEVICE FOR MITIGATING PLANTAR FASCIITIS**

[54] **DISPOSITIF POUR ATTENUER UNE APONEVROSITE PLANTAIRE**

[72] NEWMAN, BRADLEY, US
[71] NEWMAN TECHNOLOGIES LLC, US
[85] 2015-09-08
[86] 2014-02-05 (PCT/US2014/014767)
[87] (WO2014/143450)
[30] US (13/833,981) 2013-03-15

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[21] **2,904,483**
[13] A1

[51] **Int.Cl. E21B 33/16 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **CEMENT PLUG LOCATION LOCALISATION D'UN BOUCHON DE CIMENT**
[72] RADUCANU, MARIUS, US
[72] HURMUZLU, YILDIRIM, US
[72] TEODORESCU, SORIN GABRIEL, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-09-04
[86] 2014-03-11 (PCT/US2014/023402)
[87] (WO2014/164758)
[30] US (61/775,906) 2013-03-11

[21] **2,904,484**
[13] A1

[51] **Int.Cl. H04L 12/721 (2013.01) H04L 12/753 (2013.01)**
[25] EN
[54] **HEURISTIC SPANNING METHOD AND SYSTEM FOR LINK STATE ROUTING**
[54] **PROCEDE ET SYSTEME DE COUVERTURE HEURISTIQUE POUR ROUTAGE A ETAT DE LIENS**
[72] MATUSOVSKY, YAKIR, IL
[72] HANUNI, UZI, IL
[72] DAGAN, BOAZ, IL
[71] MAXTECH COMMUNICATION NETWORKS LTD., IL
[85] 2015-09-08
[86] 2013-03-12 (PCT/IL2013/050229)
[87] (WO2013/136332)
[30] US (61/610,553) 2012-03-14

[21] **2,904,485**
[13] A1

[51] **Int.Cl. F41G 3/06 (2006.01) G01C 3/08 (2006.01)**
[25] EN
[54] **FIREARM AIMING SYSTEM WITH RANGE FINDER, AND METHOD OF ACQUIRING A TARGET**
[54] **SYSTEME DE VISEE POUR ARME A FEU EQUIPE D'UN TELEMETRE ET PROCEDE D'ACQUISITION D'UNE CIBLE**
[72] EHRlich, AVSHALOM, IL
[71] SMART SHOOTER LTD., IL
[85] 2015-09-08
[86] 2014-01-14 (PCT/IL2014/050040)
[87] (WO2014/125471)
[30] US (13/769,330) 2013-02-17

[21] **2,904,487**
[13] A1

[51] **Int.Cl. A61B 17/58 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR BONE ANCHORING DISPOSITIFS ET PROCEDES D'ANCRAGE OSSEUX**
[72] HERZOG, RAFI, IL
[72] VIKINSKY, OFER, IL
[71] CYCLA ORTHOPEDICS LTD., IL
[85] 2015-09-08
[86] 2014-03-12 (PCT/IL2014/050252)
[87] (WO2014/141253)
[30] US (61/792,279) 2013-03-15
[30] US (61/835,648) 2013-06-17

[21] **2,904,489**
[13] A1

[51] **Int.Cl. C01B 21/086 (2006.01) C07C 303/40 (2006.01) C07C 311/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DISULFONYLAMINE ALKALI METAL SALT**
[54] **PROCEDE DE PRODUCTION DE SEL DE METAL ALCALIN DE DISULFONYLAMINE**
[72] MAEKAWA, HIDEKI, JP
[72] YASUHARA, MASAMICHI, JP
[72] HAYASHI, KEN-ICHI, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2015-09-08
[86] 2014-03-05 (PCT/JP2014/055622)
[87] (WO2014/148258)
[30] JP (2013-055571) 2013-03-18

[21] **2,904,492**
[13] A1

[51] **Int.Cl. F16D 65/092 (2006.01) F16D 55/225 (2006.01) F16D 55/228 (2006.01)**
[25] EN
[54] **BRAKE PAD AND CALIPER DEVICE**
[54] **GARNITURE DE FREIN ET DISPOSITIF D'ETRIER**
[72] INOKUCHI, HIDEAKI, JP
[72] YAZAWA, HIDEKI, JP
[71] SUMITOMO BAKELITE COMPANY LIMITED, JP
[85] 2015-09-08
[86] 2014-03-06 (PCT/JP2014/055769)
[87] (WO2014/141995)
[30] JP (2013-048574) 2013-03-12

[21] **2,904,494**
[13] A1

[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **POWDER CONTAINER AND IMAGE FORMING APPARATUS**
[54] **RECIPIENT DE POWDRE ET APPAREIL DE FORMATION D'IMAGE**
[72] KIKUCHI, KENJI, JP
[72] TAMAKI, SHINJI, JP
[72] HOSOKAWA, HIROSHI, JP
[72] KATOH, SHUNJI, JP
[72] SUZUKI, MICHIHARU, JP
[72] YOSHIZAWA, HIDEO, JP
[72] KUBOKI, SHINGO, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2015-09-08
[86] 2014-03-14 (PCT/JP2014/057949)
[87] (WO2014/142362)
[30] JP (2013-054371) 2013-03-15
[30] JP (2013-054372) 2013-03-15
[30] JP (2013-110330) 2013-05-24
[30] JP (2013-110443) 2013-05-24
[30] JP (2013-146882) 2013-07-12
[30] JP (2013-153815) 2013-07-24
[30] JP (2013-244411) 2013-11-26
[30] JP (2014-019469) 2014-02-04

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[21] **2,904,495**
[13] A1

[51] **Int.Cl. B60T 8/17 (2006.01) B60L 7/24 (2006.01) B60L 15/20 (2006.01) B60T 8/1761 (2006.01) B60T 8/42 (2006.01)**

[25] EN
[54] **VEHICULAR BRAKE SYSTEM**
[54] **SYSTEME DE FREINAGE DE VEHICULE**

[72] UENO, MASAYUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2015-09-08
[86] 2014-03-28 (PCT/JP2014/059324)
[87] (WO2014/157683)
[30] JP (2013-069890) 2013-03-28

[21] **2,904,496**
[13] A1

[51] **Int.Cl. D02G 3/04 (2006.01) D03D 1/00 (2006.01) D03D 15/00 (2006.01) D04B 1/14 (2006.01) D04B 21/00 (2006.01) D04C 1/02 (2006.01) D06M 13/513 (2006.01) D06M 15/55 (2006.01) D06M 15/564 (2006.01) D06M 15/59 (2006.01)**

[25] EN
[54] **COMMINGLED YARN, METHOD FOR MANUFACTURING THE COMMINGLED YARN, AND, WEAVE FABRIC**
[54] **FIL MELANGE, PROCEDE DE PRODUCTION DE CELUI-CI ET TEXTILE**

[72] NAKAI, ASAMI, JP
[72] OOTANI, AKIO, JP
[72] KAJI, MASATAKA, JP
[72] TAKAGI, MITSURO, JP
[72] MATSUMOTO, NOBUHIKO, JP
[72] MITADERA, JUN, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2015-09-08
[86] 2014-10-10 (PCT/JP2014/077148)
[87] (WO2015/056642)
[30] JP (2013-217035) 2013-10-18
[30] JP (2014-189685) 2014-09-18

[21] **2,904,497**
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01) G06Q 50/10 (2012.01)**

[25] EN
[54] **SOUND SIGNAL-BASED LOCAL INTERACTIVE PLATFORM SYSTEM AND LOCAL INTERACTIVE SERVICE PROVIDING METHOD USING SAME**
[54] **SYSTEME DE PLATEFORME INTERACTIVE LOCALE BASEE SUR UN SIGNAL SONORE ET PROCEDE DE FOURNITURE DE SERVICE INTERACTIF LOCAL UTILISANT CE SYSTEME**

[72] CHOI, JAE-JOON, KR
[72] KIM, KYUNG-HOON, KR
[72] YOON, JU-NO, KR
[72] LEE, HYUN-MIN, KR
[71] IPOPCORN CO., LTD., KR
[85] 2015-09-08
[86] 2013-09-05 (PCT/KR2013/008041)
[87] (WO2014/137046)
[30] KR (10-2013-0025228) 2013-03-08

[21] **2,904,498**
[13] A1

[51] **Int.Cl. C02F 11/18 (2006.01) C02F 11/04 (2006.01) C02F 11/12 (2006.01)**

[25] EN
[54] **ENERGY EFFICIENT SYSTEM AND PROCESS FOR TREATING SLUDGE**
[54] **SYSTEME ET PROCEDE A BON RENDEMENT EN ENERGIE POUR TRAITER DES BOUES**

[72] HOJSGAARD, SOREN JOHANNES, DK
[72] ROHOLD, LARS, DK
[71] VEOLIA WATER SOLUTIONS AND TECHNOLOGIES SUPPORT, FR
[85] 2015-09-08
[86] 2014-03-10 (PCT/EP2014/054585)
[87] (WO2014/139951)
[30] US (13/791,919) 2013-03-09

[21] **2,904,499**
[13] A1

[51] **Int.Cl. E04H 7/06 (2006.01) B65D 90/00 (2006.01) E04H 12/30 (2006.01)**

[25] EN
[54] **PRESSURE VESSEL BASED TOWER STRUCTURE**
[54] **STRUCTURE DE TOUR BASEE SUR UN RECIPIENT SOUS PRESSION**

[72] DEVRIESE, PETER, BE
[72] EURLINGS, MARTIN, BE
[71] ARRANGED BVBA, BE
[85] 2015-09-08
[86] 2014-03-10 (PCT/EP2014/054615)
[87] (WO2014/139967)
[30] US (61/784,147) 2013-03-14

[21] **2,904,500**
[13] A1

[51] **Int.Cl. C10M 125/28 (2006.01)**

[25] EN
[54] **COMPOSITION FOR PROTECTION FROM SCALE AND AS A LUBRICANT FOR THE HOT PROCESSING OF METALS**
[54] **COMPOSITION SERVANT A EVITER LA FORMATION DE BATTITURES ET FAISANT OFFICE DE LUBRIFIANT POUR L'USINAGE A CHAUD DES METAUX**

[72] BUGNER, STEFFEN, DE
[72] SCHNEIDER, BERND, DE
[72] WEBER, ANDREJ, DE
[72] MASURAT, DIRK, DE
[72] PATZIG, NICOLE, DE
[71] CHEMISCHE FABRIK BUDENHEIM KG, DE
[85] 2015-09-08
[86] 2014-03-11 (PCT/EP2014/054626)
[87] (WO2014/146927)
[30] DE (10 2013 102 897.7) 2013-03-21

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[21] **2,904,501**
[13] A1

[51] **Int.Cl. C09J 167/02 (2006.01) C09D 167/02 (2006.01) C09D 201/06 (2006.01)**

[25] EN

[54] **COATING COMPOSITIONS HAVING HYDROXYL PHENYL FUNCTIONAL POLYMERS**

[54] **COMPOSITIONS DE REVETEMENT PRESENTANT DES POLYMERES A GROUPES FONCTIONNELS HYDROXYLE ET PHENYLE**

[72] BODE, DANIEL, US

[72] BANACH, TIMOTHY EDWARD, US

[72] ROBIDEAU, GARY JOSEPH, US

[72] HOWARD, LEIGH SCOTT, US

[72] CRAUN, GARY PIERCE, US

[72] STELLA, GUY JOHN, US

[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL

[71] SI GROUP, INC., US

[85] 2015-09-08

[86] 2014-03-14 (PCT/EP2014/055046)

[87] (WO2014/140232)

[30] US (61/790,805) 2013-03-15

[30] EP (13178513.1) 2013-07-30

[21] **2,904,502**
[13] A1

[51] **Int.Cl. C08G 59/06 (2006.01) C08G 59/14 (2006.01) C08G 59/18 (2006.01) C08G 59/62 (2006.01)**

[25] EN

[54] **BISPHENOL-A FREE POLYETHER RESINS BASED ON PHENOL STEARIC ACID AND COATING COMPOSITIONS FORMED THEREFROM**

[54] **RESINES DE POLYETHER SANS BISPHENOL-A A BASE D'ACIDE STEARIQUE PHENOLIQUE ET COMPOSITIONS FORMEES A PARTIR DE CELLES-CI**

[72] CRAUN, GARY PIERCE, US

[72] BODE, DANIEL, US

[72] BANACH, TIMOTHY EDWARD, US

[72] ROBIDEAU, GARY JOSEPH, US

[72] HOWARD, LEIGH SCOTT, US

[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL

[71] SI GROUP, INC., US

[85] 2015-09-08

[86] 2014-03-14 (PCT/EP2014/055047)

[87] (WO2014/140233)

[30] US (61/791,425) 2013-03-15

[30] EP (13178518.0) 2013-07-30

[21] **2,904,503**
[13] A1

[51] **Int.Cl. A61L 15/28 (2006.01) A61L 15/40 (2006.01) A61L 15/60 (2006.01)**

[25] EN

[54] **MODIFIED CELLULOSE FROM CHEMICAL KRAFT FIBER AND METHODS OF MAKING AND USING THE SAME**

[54] **CELLULOSE MODIFIEE A BASE DE FIBRES DE KRAFT CHIMIQUES ET PROCEDES DE FABRICATION ET D'UTILISATION DE LADITE CELLULOSE**

[72] NONNI, ARTHUR J., US

[72] COURCHENE, CHARLES E., US

[72] SLONE, CHRISTOPHER M., US

[72] ABITZ, PETER R., US

[72] TIPPEY, DAROLD, US

[71] GP CELLULOSE GMBH, CH

[85] 2015-09-08

[86] 2014-03-05 (PCT/IB2014/000854)

[87] (WO2014/140819)

[30] US (13/840,915) 2013-03-15

[21] **2,904,504**
[13] A1

[51] **Int.Cl. A61F 5/41 (2006.01) A61B 17/12 (2006.01)**

[25] EN

[54] **TREATMENT OF ERECTILE DYSFUNCTION USING REMOTE ISCHEMIC CONDITIONING**

[54] **TRAITEMENT D'UN DYSFONCTIONNEMENT ERECTILE AU MOYEN D'UN CONDITIONNEMENT ISCHEMIQUE A DISTANCE**

[72] CALDARONE, CHRISTOPHER, CA

[71] THE HOSPITAL FOR SICK CHILDREN, CA

[85] 2015-09-08

[86] 2014-03-12 (PCT/IB2014/000922)

[87] (WO2014/140832)

[30] US (61/801,006) 2013-03-15

[21] **2,904,505**
[13] A1

[51] **Int.Cl. C11B 7/00 (2006.01)**

[25] EN

[54] **RECOVERING UREA AND OIL FROM A UREA/OIL COMPLEX**

[54] **RECUPERATION D'UREE ET D'HUILE A PARTIR D'UN COMPLEXE UREE/HUILE**

[72] WANG, WEIJIE, CA

[72] MUGFORD, PAUL FREDERICK, CA

[72] VAN DEN HEUVEL, THEOPHILUS CORNELUS, CA

[71] DSM NUTRITIONAL PRODUCTS AG, CH

[85] 2015-09-08

[86] 2014-03-13 (PCT/IB2014/001035)

[87] (WO2014/140864)

[30] US (61/780,341) 2013-03-13

[21] **2,904,506**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01) A61K 39/00 (2006.01) C07K 14/475 (2006.01) C07K 14/485 (2006.01)**

[25] EN

[54] **SELF-ASSEMBLING SYNTHETIC PROTEINS**

[54] **PROTEINES DE SYNTHESE A AUTO-ASSEMBLAGE**

[72] CHARLTON, KEITH ALAN, GB

[72] D'HONDT, ERIK, BE

[72] VERHAMME, DANIEL T., GB

[71] BIOVEN 3 LIMITED, BM

[71] CHARLTON, KEITH ALAN, GB

[71] D'HONDT, ERIK, BE

[71] VERHAMME, DANIEL T., GB

[85] 2015-09-08

[86] 2014-03-17 (PCT/IB2014/001125)

[87] (WO2014/140894)

[30] US (61/791,268) 2013-03-15

Demandes PCT entrant en phase nationale

[21] **2,904,507**
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01) A61P 17/10 (2006.01) A61P 17/12 (2006.01) A61P 31/22 (2006.01)**

[25] EN

[54] **TOPICAL COMPOSITIONS AND METHODS OF TREATMENT OF TOPICAL DISORDERS**

[54] **COMPOSITIONS TOPIQUES ET PROCEDES DE TRAITEMENT DE TROUBLES TOPIQUES**

[72] LOZINSKY, EVGENIA, IL

[72] EILAT, ERAN, IL

[71] PERITECH PHARMA LTD., IL

[85] 2015-09-08

[86] 2014-03-10 (PCT/IB2014/001233)

[87] (WO2014/140925)

[30] US (61/775,598) 2013-03-10

[21] **2,904,513**
[13] A1

[51] **Int.Cl. B41F 17/00 (2006.01) B41F 31/02 (2006.01)**

[25] EN

[54] **DISPOSABLE CUP INSERT FOR PAD PRINTING AND DECORATING**

[54] **INSERT DE TASSE JETABLE POUR TAMPOGRAPHIE ET DECORATION**

[72] KUCABA, TRACY, US

[72] PULVINO, DANA, US

[72] HITCHCOCK, ROBERT, US

[72] PETERSON, SAM, US

[71] ILLINOIS TOOL WORK INC., US

[85] 2015-09-08

[86] 2014-02-08 (PCT/US2014/015444)

[87] (WO2014/163755)

[30] US (13/793,689) 2013-03-11

[21] **2,904,515**
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01)**

[25] EN

[54] **COMPACT CATHETER ASSEMBLY WITH ADJUSTABLE CATHETER TUBE**

[54] **ENSEMBLE CATHETER COMPACT AYANT UN TUBE DE CATHETER REGLABLE**

[72] MURRAY, MICHAEL G., IE

[72] FOLEY, ADAM J., IE

[72] CANAVAN, EUGENE, IE

[72] JACKSON, JAMES, IE

[71] HOLLISTER INCORPORATED, US

[85] 2015-09-08

[86] 2013-03-14 (PCT/US2013/031735)

[87] (WO2014/142930)

[21] **2,904,512**
[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01) A61B 1/04 (2006.01) A61L 31/16 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **STENT VISUALIZATION AND MALAPPOSITION DETECTION SYSTEMS, DEVICES, AND METHODS**

[54] **SYSTEMES, DISPOSITIFS ET METHODES DE VISUALISATION D'ENDOPROTHESE VASCULAIRE ET DE DETECTION D'APPOSITION INCORRECTE**

[72] ELBASIONY, AMR, US

[72] FRIEDMAN, JOEL, US

[71] LIGHTLAB IMAGING, INC., US

[85] 2015-09-08

[86] 2013-03-08 (PCT/US2013/029855)

[87] (WO2014/137353)

[21] **2,904,514**
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01)**

[25] EN

[54] **COMPACT URINARY CATHETERS AND METHODS FOR MAKING THE SAME**

[54] **CATHETERS URINAIRES COMPACTS ET LEURS PROCEDES DE FABRICATION**

[72] MURRAY, MICHAEL G., IE

[72] O'BRIEN, DANIEL, IE

[72] HANNON, DAVID, IE

[72] FOLEY, ADAM J., IE

[72] ALLEN, SCOTT, DK

[71] HOLLISTER INCORPORATED, US

[85] 2015-09-08

[86] 2013-03-14 (PCT/US2013/031643)

[87] (WO2014/142917)

[21] **2,904,516**
[13] A1

[51] **Int.Cl. B01D 21/01 (2006.01) B01D 37/03 (2006.01)**

[25] EN

[54] **IN-LINE TAILINGS TREATMENT PROCESS**

[54] **PROCEDE DE TRAITEMENT DE RESIDUS EN LIGNE**

[72] URBANI, CARL N., AU

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-09 (PCT/US2014/015459)

[87] (WO2014/158374)

[30] US (13/798,482) 2013-03-13

[21] **2,904,517**
[13] A1

[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/00 (2012.01)**

[25] EN

[54] **PROTECTIVE SHEATH FOR LOGGING TOOLS**

[54] **GAINE DE PROTECTION DESTINEE A DES OUTILS DE DIAGNOSTIC**

[72] JONES, CHRISTOPHER MICHAEL, US

[72] GASCOOKE, DARREN, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-09-08

[86] 2013-04-08 (PCT/US2013/035619)

[87] (WO2014/168605)

PCT Applications Entering the National Phase

[21] **2,904,519**
[13] A1

[51] **Int.Cl. A61M 16/00 (2006.01) A61H 31/00 (2006.01) A61M 16/08 (2006.01) A61M 16/20 (2006.01)**

[25] EN

[54] **BREATHING APPARATUS AND METHOD FOR THE USE THEREOF**

[54] **APPAREIL RESPIRATOIRE ET SON PROCEDE D'UTILISATION**

[72] ROBITAILLE, JEAN-PIERRE, CA

[72] COSTELLA, STEPHEN, CA

[72] PEVLER, JENNIFER, CA

[72] SCHMIDT, JAMES, CA

[71] TRUDELL MEDICAL INTERNATIONAL, CA

[85] 2015-09-08

[86] 2014-03-14 (PCT/IB2014/000363)

[87] (WO2014/140776)

[30] US (61/794,824) 2013-03-15

[21] **2,904,521**
[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01) H04J 3/00 (2006.01)**

[25] EN

[54] **TRANSMISSION OF ACKNOWLEDGEMENT INFORMATION IN ADAPTIVELY CONFIGURED TDD COMMUNICATION SYSTEMS**

[54] **EMISSION D'INFORMATIONS D'ACCUSE DE RECEPTION DANS DES SYSTEMES DE COMMUNICATION TDD CONFIGURES DE MANIERE ADAPTATIVE**

[72] PAPASAKELLARIOU, ARIS, US

[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2015-09-08

[86] 2014-03-13 (PCT/KR2014/002134)

[87] (WO2014/142588)

[30] US (61/780,227) 2013-03-13

[30] US (61/824,855) 2013-05-17

[30] US (61/877,121) 2013-09-12

[30] US (61/898,269) 2013-10-31

[30] US (14/204,979) 2014-03-11

[21] **2,904,522**
[13] A1

[51] **Int.Cl. C01F 7/02 (2006.01) C08B 1/00 (2006.01) C08B 37/00 (2006.01)**

[25] EN

[54] **CROSS-LINKED ETHYLSULFONATED DIHYDROXYPROPYL CELLULOSE**

[54] **DIHYDROXYPROPYL CELLULOSE ETHYLSULFONEE RETICULEE**

[72] BODE, HEINRICH E., US

[72] KILDEA, JOHN D., AU

[72] WANG, JING, US

[71] NALCO COMPANY, US

[85] 2015-09-08

[86] 2014-02-10 (PCT/US2014/015538)

[87] (WO2014/158381)

[30] US (13/798,761) 2013-03-13

[21] **2,904,523**
[13] A1

[51] **Int.Cl. A61K 31/7076 (2006.01)**

[25] EN

[54] **METHODS OF TREATING, REDUCING THE INCIDENCE OF, AND/OR PREVENTING ISCHEMIC EVENTS**

[54] **METHODES PERMETTANT DE TRAITER DES EVENEMENTS ISCHEMIQUES, DE REDUIRE LEUR INCIDENCE ET/OU DE LES PREVENIR**

[72] ARCULUS-MEANWELL, CLIVE ARTHUR, US

[72] SKERJANEC, SIMONA, US

[72] PRATS, JAYNE, US

[72] SCHNEIDER, DAVID J., US

[71] THE MEDICINES COMPANY, US

[85] 2015-09-08

[86] 2013-05-29 (PCT/US2013/043136)

[87] (WO2014/143107)

[30] US (13/792,056) 2013-03-09

[30] US (61/815,735) 2013-04-25

[21] **2,904,524**
[13] A1

[51] **Int.Cl. A47C 21/00 (2006.01) A47C 17/00 (2006.01)**

[25] EN

[54] **PASSIVE MATTRESS MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE MATELAS PASSIF**

[72] SCARLESKI, WILLIAM J., US

[71] LEVITATION SCIENCES LLC, US

[85] 2015-09-08

[86] 2013-06-26 (PCT/US2013/047883)

[87] (WO2014/143124)

[30] US (13/796,434) 2013-03-12

[21] **2,904,525**
[13] A1

[51] **Int.Cl. B65D 30/20 (2006.01) B65D 33/00 (2006.01)**

[25] EN

[54] **REINFORCED BAGS**

[54] **SACS RENFORCES**

[72] WILFONG, HARRY B., JR., US

[71] HILEX POLY CO. LLC, US

[85] 2015-09-04

[86] 2014-03-14 (PCT/US2014/029254)

[87] (WO2014/144723)

[30] US (61/800,032) 2013-03-15

[30] US (14/213,319) 2014-03-14

[21] **2,904,526**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEMS, METHODS, AND APPARATUSES FOR IMPLEMENTING DATA UPLOAD, PROCESSING, AND PREDICTIVE QUERY API EXPOSURE**

[54] **SYSTEMES, PROCEDES ET APPAREILS D'IMPLEMENTATION D'UN TELECHARGEMENT DE DONNEES, D'UN TRAITEMENT ET D'UNE EXPOSITION API D'INTERROGATION PREDICTIVE**

[72] CRONIN, BEAU DAVID, US

[72] OBERMEYER, FRITZ, US

[72] PETSCHULAT, CAP CHRISTIAN, US

[72] JONAS, ERIC MICHAEL, US

[72] GLIDDEN, JONATHAN, US

[71] SALESFORCE.COM, INC., US

[85] 2015-09-08

[86] 2013-11-14 (PCT/US2013/070198)

[87] (WO2014/143208)

[30] US (61/780,503) 2013-03-13

[30] US (14/014,221) 2013-08-29

Demandes PCT entrant en phase nationale

[21] **2,904,528**
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/00 (2006.01) C07K 16/28 (2006.01)**

[25] EN
[54] **FC VARIANTS**
[54] **VARIANTS DE FC**
[72] HARDING, FIONA A., US
[72] HINTON, PAUL R., US
[72] XIONG, MENGLI, US
[72] RAZO, OLIVIA JENNIFER, US
[72] YE, SHIMING, US
[71] ABBVIE BIOTHERAPEUTICS INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029585)
[87] (WO2014/144960)
[30] US (61/791,624) 2013-03-15

[21] **2,904,529**
[13] A1

[51] **Int.Cl. A61B 5/0478 (2006.01)**

[25] EN
[54] **ELECTRODE ARRAY AND METHOD OF PLACEMENT**
[54] **RESEAU D'ELECTRODES DE ET PROCEDE DE MISE EN PLACE**
[72] MACHON, LUKASZ W., US
[72] ROTHMAN, NEIL S., US
[71] BRAINSCOPE COMPANY, INC., US
[85] 2015-09-08
[86] 2014-02-11 (PCT/US2014/015721)
[87] (WO2014/137549)
[30] US (13/790,149) 2013-03-08

[21] **2,904,532**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**

[25] EN
[54] **ANTI-CD25 ANTIBODIES AND THEIR USES**
[54] **ANTICORPS ANTI-CD25 ET LEURS UTILISATIONS**
[72] AKAMATSU, YOSHIKO, US
[72] HARDING, FIONA A., US
[72] HINTON, PAUL R., US
[72] XIONG, MENGLI, US
[72] RAZO, OLIVIA JENNIFER, US
[72] YE, SHIMING, US
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029634)
[87] (WO2014/145000)
[30] US (61/798,235) 2013-03-15

[21] **2,904,534**
[13] A1

[51] **Int.Cl. A63G 21/00 (2006.01) A63G 31/00 (2006.01)**

[25] EN
[54] **TRACKLESS VEHICLE AND SYSTEM FOR SYNCHRONOUS CONTROL OF TRACKLESS VEHICLE**
[54] **VEHICULE SUR PISTE ET SYSTEME DE COMMANDE SYNCHRONE DUDIT VEHICULE SUR PISTE**
[72] GRANT, ANDREW SCOTT, US
[72] BOSHEARS, MICHAEL WAYNE, US
[71] OCEANEERING INTERNATIONAL, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029727)
[87] (WO2014/145071)
[30] US (61/800,257) 2013-03-15

[21] **2,904,537**
[13] A1

[51] **Int.Cl. C12N 9/88 (2006.01) A01N 37/40 (2006.01) C07K 16/40 (2006.01) C12N 15/82 (2006.01)**

[25] EN
[54] **COMPOSITIONS HAVING DICAMBA DECARBOXYLASE ACTIVITY AND METHODS OF USE**
[54] **COMPOSITIONS AYANT UNE ACTIVITE DE DECARBOXYLASE DE DICAMBA ET LEURS PROCEDES D'UTILISATION**
[72] ALTHOFF, ERIC, US
[72] BAN, YIH-EN ANDREW, US
[72] CASTLE, LINDA A., US
[72] GRABS, DANIELA, US
[72] LU, JIAN, US
[72] PATTEN, PHILLIP A., US
[72] TAO, YUMIN, US
[72] ZANGHELLINI, ALEXANDRE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029769)
[87] (WO2014/153242)
[30] US (61/782,586) 2013-03-14

[21] **2,904,539**
[13] A1

[51] **Int.Cl. A61K 31/433 (2006.01) A61K 31/4245 (2006.01) A61K 31/4439 (2006.01) A61K 31/501 (2006.01) A61K 31/505 (2006.01) A61P 25/14 (2006.01) A61P 25/28 (2006.01)**

[25] EN
[54] **METHODS OF TREATING DYSKINESIA AND RELATED DISORDERS**
[54] **METHODES DE TRAITEMENT DE LA DYSKINESIE ET DE TROUBLES ASSOCIES**
[72] CIALLELLA, JOHN, US
[72] GRUNER, JOHN, US
[72] REAUME, ANDREW G., US
[72] SAPORITO, MICHAEL S., US
[71] MELIOR DISCOVERY, INC., US
[85] 2015-09-04
[86] 2014-03-14 (PCT/US2014/029827)
[87] (WO2014/145126)
[30] US (61/786,714) 2013-03-15

[21] **2,904,540**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/7088 (2006.01) A61P 9/00 (2006.01) C12N 15/19 (2006.01) C12N 15/85 (2006.01)**

[25] EN
[54] **RETROGRADE DELIVERY OF SDF-1 FOR TREATMENT OF MYOCARDIAL INFARCTION**
[54] **ADMINISTRATION RETROGRADE DE SDF-1 POUR LE TRAITEMENT D'UN INFARCTUS DU MYOCARDE**
[72] FISHER, SCOTT J., US
[72] PENN, MARC S., US
[72] ARAS, RAHUL, US
[72] PASTORE, JOSEPH, US
[72] MILLER, TIMOTHY J., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[71] JUVENTAS THERAPEUTICS, INC., US
[85] 2015-09-04
[86] 2014-03-15 (PCT/US2014/029921)
[87] (WO2014/145199)
[30] US (61/792,954) 2013-03-15

PCT Applications Entering the National Phase

[21] **2,904,541**
[13] A1

[51] **Int.Cl. A61L 2/10 (2006.01) A61B 1/12 (2006.01) A61B 19/00 (2006.01)**

[25] EN
[54] **INSTRUMENT DISINFECTOR**
[54] **APPAREIL DE DESINFECTION D'INSTRUMENT**

[72] DEAL, JEFFERY L., US
[72] DEAL, DAVID R., US
[72] UFKES, PHILIP J., US
[71] UVAS, LLC, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030203)
[87] (WO2014/153282)
[30] US (61/792,267) 2013-03-15
[30] US (14/215,397) 2014-03-17

[21] **2,904,542**
[13] A1

[51] **Int.Cl. G06F 17/50 (2006.01) G01B 11/24 (2006.01) G01N 21/21 (2006.01) G01N 21/25 (2006.01) G01N 27/90 (2006.01) G01S 17/89 (2006.01)**

[25] EN
[54] **A SUPERVISED AUTONOMOUS ROBOTIC SYSTEM FOR COMPLEX SURFACE INSPECTION AND PROCESSING**
[54] **SYSTEME ROBOTISE AUTONOME SUPERVISE DESTINE A L'INSPECTION ET AU TRAITEMENT DE SURFACE COMPLEXE**

[72] BAKER, CHRISTOPHER L., US
[72] BAKER, CHRISTOPHER RANDOLPH, US
[72] GALATI, DAVID G., US
[72] HAINES, JUSTIN C., US
[72] HERMAN, HERMAN, US
[72] KELLEY, ALONZO J., US
[72] LAWRENCE, STUART EDWIN, US
[72] MEYHOFER, ERIC, US
[72] STENTZ, ANTHONY, US
[72] VALOIS, JEAN-SEBASTIEN, US
[71] CARNEGIE MELLON UNIVERSITY, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030242)
[87] (WO2014/145471)
[30] US (61/852,310) 2013-03-15

[21] **2,904,543**
[13] A1

[51] **Int.Cl. A61K 38/57 (2006.01) A61P 7/10 (2006.01) A61K 35/16 (2015.01) C07K 14/81 (2006.01)**

[25] EN
[54] **C1-INH COMPOSITIONS AND METHODS FOR THE PREVENTION AND TREATMENT OF DISORDERS ASSOCIATED WITH C1 ESTERASE INHIBITOR DEFICIENCY**
[54] **COMPOSITIONS DE C1-INH ET METHODES POUR LA PREVENTION ET LE TRAITEMENT DE TROUBLES ASSOCIES A UN DEFICIT EN INHIBITEUR DE C1 ESTERASE**

[72] GALLAGHER, CYNTHIA, US
[72] RUDDY, STEVEN, US
[72] MANNING, MARK CORNELL, US
[71] SHIRE VIROPHARMA INCORPORATED, US
[85] 2015-09-04
[86] 2014-03-17 (PCT/US2014/030309)
[87] (WO2014/145519)
[30] US (61/791,399) 2013-03-15

[21] **2,904,544**
[13] A1

[51] **Int.Cl. A23L 1/01 (2006.01) A47J 27/10 (2006.01) A47J 27/18 (2006.01) A47J 47/18 (2006.01) B65D 81/34 (2006.01)**

[25] EN
[54] **AUTOMATED IMMERSION APPARATUS AND METHOD FOR COOKING MEALS**
[54] **APPAREIL D'IMMERSION AUTOMATISEE ET PROCEDE DE CUISSON D'ALIMENTS**

[72] GAGNON, MARC, CA
[71] GAGNON, MARC, CA
[85] 2015-09-08
[86] 2014-03-10 (PCT/CA2014/000202)
[87] (WO2014/134717)
[30] US (61/774,774) 2013-03-08
[30] US (61/844,594) 2013-07-10
[30] US (61/911,837) 2013-12-04

[21] **2,904,545**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12P 19/34 (2006.01) C40B 30/04 (2006.01)**

[25] EN
[54] **A NUCLEIC ACID DETECTION METHOD COMPRISING TARGET SPECIFIC INDEXING PROBES (TSIP) COMPRISING A RELEASABLE SEGMENT TO BE DETECTED VIA FLUORESCENCE WHEN BOUND TO A CAPTURE PROBE**
[54] **PROCEDE DE DETECTION D'ACIDES NUCLEIQUES COMPRENANT DES SONDAS D'INDEXATION SPECIFIQUES D'UNE CIBLE (TSIP) COMPRENANT UN SEGMENT POUVANT ETRE LIBERE A DETECTER PAR L'INTERMEDIAIRE DE LA FLUORESCENCE LORSQU'IL EST LIE A UNE SONDE DE CAPTURE**

[72] PEYTAVI, REGIS, FR
[72] BOISSINOT, KAREL, CA
[72] GIRARD, LAURIE, CA
[71] UNIVERSITE LAVAL, CA
[85] 2015-09-08
[86] 2013-03-20 (PCT/CA2013/050228)
[87] (WO2013/138937)
[30] US (61/613,109) 2012-03-20

[21] **2,904,546**
[13] A1

[51] **Int.Cl. C30B 29/58 (2006.01) B01D 53/02 (2006.01) B01D 53/14 (2006.01) B01D 53/62 (2006.01) C08G 79/00 (2006.01) C08J 9/00 (2006.01)**

[25] EN
[54] **METAL ORGANIC FRAMEWORK, PRODUCTION AND USE THEREOF**
[54] **STRUCTURE ORGANOMETALLIQUE, SA PRODUCTION ET SON UTILISATION**

[72] DAWSON, KARL W., CA
[72] DEAKIN, KYLE, CA
[72] IREMONGER, SIMON, CA
[72] LIN, JIAN-BIN, CA
[72] SHIMIZU, GEORGE, CA
[72] VAIDHYANATHAN, RAMANATHAN, CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2015-09-08
[86] 2014-03-11 (PCT/CA2014/000204)
[87] (WO2014/138878)
[30] US (61/776,223) 2013-03-11

Demandes PCT entrant en phase nationale

[21] **2,904,547**
[13] A1

[51] **Int.Cl. E04B 1/62 (2006.01) E02D 31/00 (2006.01) E04B 1/92 (2006.01) E04H 9/00 (2006.01) F24F 7/00 (2006.01)**

[25] EN

[54] **RADON GAS MITIGATION SYSTEMS AND APPARATUS**

[54] **SYSTEMES ET APPAREIL POUR REDUIRE LE GAZ RADON**

[72] FOX, RANDI, CA

[71] 0984494 B.C. LTD., CA

[85] 2015-09-08

[86] 2014-03-07 (PCT/CA2014/050198)

[87] (WO2014/134740)

[30] US (61/775,203) 2013-03-08

[21] **2,904,557**
[13] A1

[51] **Int.Cl. B01D 19/02 (2006.01) B01D 17/00 (2006.01) B03D 1/001 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR IMPROVEMENT IN FROTH FLOTATION**

[54] **COMPOSITION ET PROCEDE PERMETTANT D'AMELIORER LA FLOTTATION PAR MOUSSE**

[72] KOUZNETSOV, DMITRI L., US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-12 (PCT/US2014/016003)

[87] (WO2014/163769)

[30] US (13/798,965) 2013-03-13

[21] **2,904,558**
[13] A1

[51] **Int.Cl. C07C 41/46 (2006.01) C07C 43/162 (2006.01) C07C 45/86 (2006.01) C07C 49/633 (2006.01)**

[25] EN

[54] **METHOD OF SYNTHESIS**

[54] **PROCEDE DE SYNTHESE**

[72] VAN WITENBURG, JIMMY, NL

[72] LA CROIS, RENE, NL

[71] BCS BUSINESS CONSULTING SERVICES PTE LTD., SG

[85] 2015-09-08

[86] 2013-03-11 (PCT/IB2013/000360)

[87] (WO2014/140655)

[21] **2,904,560**
[13] A1

[51] **Int.Cl. C10G 29/20 (2006.01) C09K 8/12 (2006.01) C10G 33/04 (2006.01)**

[25] EN

[54] **FOULING MITIGATION IN EQUIPMENT USED DURING HYDROCARBON PRODUCTION**

[54] **ATTENUATION D'ENCRASSEMENT DANS UN EQUIPEMENT UTILISE DURANT LA PRODUCTION D'HYDROCARBURES**

[72] GILL, JASBIR S., US

[72] MAHARAJH, EDWARD, CA

[72] MILLER, THOMAS M., US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-12 (PCT/US2014/016033)

[87] (WO2014/163771)

[30] US (13/798,572) 2013-03-13

[21] **2,904,563**
[13] A1

[51] **Int.Cl. H04N 7/18 (2006.01) G08B 13/00 (2006.01) H04N 7/14 (2006.01)**

[25] EN

[54] **SYSTEM FOR CONTINUOUSLY MONITORING MOVEMENTS IN GENERAL**

[54] **SYSTEME DE SURVEILLANCE EN CONTINU DE MOUVEMENTS EN GENERAL**

[72] RAIDAN, DIEGO, CO

[72] NOVOA, CRISTIAN OMAR, CO

[72] BESTEL, JORGE, CO

[71] PROSEGUR ACTIVA ARGENTINA S.A., AR

[85] 2015-09-08

[86] 2013-07-17 (PCT/IB2013/055855)

[87] (WO2014/135927)

[30] AR (P20130100739) 2013-03-06

[21] **2,904,565**
[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01) G01N 33/18 (2006.01)**

[25] EN

[54] **WATER HARDNESS MONITORING VIA FLUORESCENCE**

[54] **SURVEILLANCE DE DURETE D'EAU PAR FLUORESCENCE**

[72] KAHAIAN, ARTHUR J., US

[72] KNOTH, ALEXANDRA M., US

[72] LI, HUI, US

[72] BANKS, RODNEY H., US

[72] SCHWARTZ, JOE L., US

[72] WELZ, SASCHA J., US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-12 (PCT/US2014/016076)

[87] (WO2014/158403)

[30] US (13/804,655) 2013-03-14

[21] **2,904,566**
[13] A1

[51] **Int.Cl. C01F 7/02 (2006.01) C07C 43/16 (2006.01)**

[25] EN

[54] **CRYSTALLIZATION AIDS FOR BAYER ALUMINUM HYDROXIDE**

[54] **AUXILIAIRES DE CRISTALLISATION POUR DE L'HYDROXYDE D'ALUMINIUM BAYER**

[72] COUNTER, JAMES, AU

[72] MALITO, JOHN T. (DECEASED), US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-12 (PCT/US2014/016095)

[87] (WO2014/158404)

[30] US (13/829,950) 2013-03-14

[21] **2,904,567**
[13] A1

[51] **Int.Cl. A23L 1/304 (2006.01) A23L 3/00 (2006.01)**

[25] EN

[54] **COMPOSITION FOR MINERAL SUPPLEMENT ANTICAKING AND DUST CONTROL**

[54] **COMPOSITION POUR L'ANTI-AGGLOMERATION ET LE CONTROLE DE POUSSIERES D'UN COMPLEMENT MINERAL**

[72] HAY, DANIEL N. T., US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-18 (PCT/US2014/016770)

[87] (WO2014/158442)

[30] US (13/826,385) 2013-03-14

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[21] **2,904,568**
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/00 (2006.01) A61B 17/295 (2006.01) A61B 18/14 (2006.01) A61B 19/00 (2006.01)**

[25] EN

[54] **ROBOTIC ULTRASONIC SURGICAL DEVICE WITH ARTICULATING END EFFECTOR**

[54] **DISPOSITIF CHIRURGICAL ULTRASONORE ROBOTIQUE AYANT UN EFFECTEUR TERMINAL ARTICULE**

[72] PARIHAR, SHAILENDRA K., US

[72] STULEN, FOSTER B., US

[71] ETHICON ENDO-SURGERY, INC., US

[85] 2015-09-08

[86] 2014-02-18 (PCT/US2014/016871)

[87] (WO2014/143502)

[30] US (13/798,766) 2013-03-13

[21] **2,904,570**
[13] A1

[51] **Int.Cl. C09K 8/72 (2006.01) C07C 309/30 (2006.01)**

[25] EN

[54] **PREVENTION OF SLUDGE FORMATION DURING ACIDIZING PROCEDURES**

[54] **PREVENTION DE LA FORMATION DE LA BOUE PENDANT DES PROCEDURES D'ACIDIFICATION**

[72] HILL, DONALD G., US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-18 (PCT/US2014/016923)

[87] (WO2014/149306)

[30] US (13/839,281) 2013-03-15

[21] **2,904,571**
[13] A1

[51] **Int.Cl. C02F 1/50 (2006.01) B01D 29/11 (2006.01) B01D 29/62 (2006.01)**

[25] EN

[54] **METHODS OF INHIBITING FOULING IN LIQUID SYSTEMS**

[54] **PROCEDES D'INHIBITION DE L'ENCRASSEMENT DANS DES SYSTEMES LIQUIDES**

[72] KOZLOWSKI, WALTER, US

[72] GUPTA, AMIT, US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-02-18 (PCT/US2014/016942)

[87] (WO2014/149308)

[30] US (13/835,720) 2013-03-15

[21] **2,904,572**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/00 (2006.01) A61C 13/225 (2006.01) A61C 13/34 (2006.01)**

[25] EN

[54] **APPARATUSES AND METHODS FOR MAKING A FINAL HYBRID PROSTHESIS TO BE ATTACHED TO DENTAL IMPLANTS**

[54] **APPAREILS ET METHODES DE FABRICATION D'UNE PROTHESE HYBRIDE FINALE A FIXER A DES IMPLANTS DENTAIRE**

[72] PRESTIPINO, ANTHONY J., US

[71] BIOMET 3I, LLC, US

[85] 2015-09-08

[86] 2014-02-21 (PCT/US2014/017674)

[87] (WO2014/158522)

[30] US (61/784,908) 2013-03-14

[21] **2,904,573**
[13] A1

[51] **Int.Cl. C12P 13/00 (2006.01)**

[25] EN

[54] **EXTRACTION OF NITROGEN FROM ORGANIC MATERIALS THROUGH AMMONIFICATION BY MIXED BACTERIAL POPULATIONS**

[54] **EXTRACTION D'AZOTE A PARTIR DE MATIERES ORGANIQUES PAR L'INTERMEDIAIRE DE L'AMMONIFICATION PAR DES POPULATIONS BACTERIENNES MIXTES**

[72] OKSANEN, ILONA, FI

[72] KAARIAINEN, SUSANNA, FI

[72] KOSKENNIEMI, KERTTU, FI

[72] VIROLAINEN, NINA, FI

[72] HERNESNIEMI, SAARA, FI

[71] DUCTOR OY, FI

[85] 2015-09-08

[86] 2014-03-07 (PCT/IB2014/059539)

[87] (WO2014/141023)

[30] US (61/789,062) 2013-03-15

[30] US (14/066,089) 2013-10-29

[21] **2,904,574**
[13] A1

[51] **Int.Cl. C08L 77/00 (2006.01) A46B 9/04 (2006.01) A46D 1/00 (2006.01) C08J 3/20 (2006.01) C08K 3/26 (2006.01) C08L 23/06 (2006.01) C08L 67/00 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **PLASTIC BRISTLES INFUSED WITH CARBONATE**

[54] **POILS DE BROSSES EN MATIERE PLASTIQUE ADDITIONNES DE CARBONATE**

[72] PETROVICOVA, ELENA, US

[72] BOLKAN, STEVEN, US

[72] BRANDT, LAURA, US

[72] HUY, GERHART P., US

[72] THONG, STEPHEN, US

[72] ADAMY, STEVEN T., US

[71] CHURCH & DWIGHT CO., INC., US

[85] 2015-09-08

[86] 2014-02-25 (PCT/US2014/018269)

[87] (WO2014/158565)

[30] US (13/828,853) 2013-03-14

[21] **2,904,575**
[13] A1

[51] **Int.Cl. B64C 11/28 (2006.01) B64C 11/04 (2006.01) B64C 27/48 (2006.01) B64C 27/50 (2006.01)**

[25] EN

[54] **FOLDING PROPELLERS SYSTEM**

[54] **SYSTEME A HELICES PLIANTES**

[72] JOHANNESSON, GLEN, CA

[72] KROETSCH, DAVID, CA

[72] PEASGOOD, MICHAEL, CA

[72] MARCHETTI, STEPHEN, CA

[71] AERYON LABS INC., CA

[85] 2015-09-08

[86] 2014-03-13 (PCT/IB2014/059759)

[87] (WO2014/141154)

[30] US (61/783,692) 2013-03-14

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[21] **2,904,576**
[13] A1

[51] **Int.Cl. B65D 17/34 (2006.01)**
[25] EN
[54] **CONTAINER END CLOSURE WITH BUCKLE CONTROL FEATURE**
[54] **FERMETURE D'EXTREMITE DE RECIPIENT COMPRENANT ELEMENT DE COMMANDE DE FLAMBAGE**
[72] CHASTEEN, HOWARD C., US
[72] JACOBER, MARK A., US
[71] BALL CORPORATION, US
[85] 2015-09-08
[86] 2014-02-27 (PCT/US2014/018866)
[87] (WO2014/149485)
[30] US (61/798,301) 2013-03-15
[30] US (14/073,492) 2013-11-06

[21] **2,904,577**
[13] A1

[51] **Int.Cl. E21B 43/00 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **MONITORING PRODUCED WATER**
[54] **SURVEILLANCE D'EAU PRODUITE**
[72] KEIZER, TIMOTHY S., US
[72] BURNEY, JASON R., US
[71] ECOLAB USA INC., US
[85] 2015-09-08
[86] 2014-03-09 (PCT/US2014/022211)
[87] (WO2014/159145)
[30] US (13/804,950) 2013-03-14

[21] **2,904,578**
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **STAPLE CARTRIDGE TISSUE THICKNESS SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR D'EPAISSEUR DE TISSU DE CARTOUCHE D'AGRAFES**
[72] HALL, STEVEN G., US
[72] SWENSGARD, BRETT E., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2015-09-08
[86] 2014-02-27 (PCT/US2014/018926)
[87] (WO2014/158631)
[30] US (13/800,025) 2013-03-13

[21] **2,904,579**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **MONITORING HYDRAULIC FRACTURING**
[54] **SURVEILLANCE DE FRACTURATION HYDRAULIQUE**
[72] KEIZER, TIMOTHY S., US
[72] BURNEY, JASON R., US
[71] ECOLAB USA INC., US
[85] 2015-09-08
[86] 2014-03-09 (PCT/US2014/022212)
[87] (WO2014/150095)
[30] US (13/833,115) 2013-03-15

[21] **2,904,580**
[13] A1

[51] **Int.Cl. C08G 18/69 (2006.01) C08G 18/28 (2006.01) C08G 18/79 (2006.01) C08K 3/32 (2006.01) C08K 5/523 (2006.01) C08K 7/02 (2006.01) C08K 7/28 (2006.01) C08K 9/06 (2006.01) C09J 175/14 (2006.01)**
[25] EN
[54] **GEL SEALING CORROSION PREVENTION TAPE**
[54] **BANDE DE PREVENTION DE LA CORROSION A JOINT DE GEL**
[72] FALTEISEK, STEVEN L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-09-08
[86] 2014-03-05 (PCT/US2014/020540)
[87] (WO2014/138160)
[30] US (61/774,850) 2013-03-08

[21] **2,904,581**
[13] A1

[51] **Int.Cl. C23F 11/10 (2006.01) C23F 11/167 (2006.01)**
[25] EN
[54] **CORROSION CONTROL COMPOSITIONS AND METHODS OF MITIGATING CORROSION**
[54] **COMPOSITIONS DE CONTROLE DE LA CORROSION ET PROCEDES D'ATTENUATION DE LA CORROSION**
[72] GILL, JASBIR S., US
[72] ZIM, DANILO, BR
[72] PASCHOALINO, MATHEUS PAES, BR
[71] ECOLAB USA INC., US
[85] 2015-09-08
[86] 2014-03-09 (PCT/US2014/022213)
[87] (WO2014/150096)
[30] US (13/839,721) 2013-03-15

[21] **2,904,584**
[13] A1

[51] **Int.Cl. C09J 7/02 (2006.01)**
[25] EN
[54] **DIFFERENTIAL DUAL FUNCTIONAL FOAM TAPES**
[54] **RUBANS DE MOUSSE FONCTIONNELS DOUBLES DIFFERENTIELS**
[72] EPPLE, THOMAS C., US
[72] KO, CHAN U., US
[72] MEDSKER, ROBERT, US
[72] SRIVASTAVA, SID, US
[71] AVERY DENNISON CORPORATION, US
[85] 2015-09-08
[86] 2014-03-05 (PCT/US2014/020548)
[87] (WO2014/138166)
[30] US (61/772,742) 2013-03-05
[30] US (61/882,422) 2013-09-25
[30] US (61/913,520) 2013-12-09

[21] **2,904,586**
[13] A1

[51] **Int.Cl. C12N 5/07 (2010.01) A61K 38/00 (2006.01) C12N 5/16 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT AND/OR PREVENTION OF TYPE 1 DIABETES**
[54] **METHODES ET COMPOSITIONS UTILISABLES EN VUE DU TRAITEMENT ET/OU DE LA PREVENTION DU DIABETE DE TYPE 1**
[72] ZAGHOUBANI, HABIB, US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022321)
[87] (WO2014/138725)
[30] US (61/775,115) 2013-03-08

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[21] **2,904,587**
[13] A1
[51] **Int.Cl. B01F 3/12 (2006.01) B01D 21/01 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **POLYMER DISSOLUTION SYSTEM**
[54] **SYSTEME DE DISSOLUTION DE POLYMERES**
[72] PATEL, MAYUR, US
[72] CRAMM, JEFFREY R., US
[72] SMITH, STEPHEN B., US
[71] ECOLAB USA INC., US
[85] 2015-09-08
[86] 2014-03-05 (PCT/US2014/020672)
[87] (WO2014/158885)
[30] US (61/784,767) 2013-03-14

[21] **2,904,588**
[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **STAPLE CARTRIDGE TISSUE THICKNESS SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR D'EPaisseur DE TISSU POUR CARTOUCHE D'AGRAFES**
[72] HALL, STEVEN G., US
[72] SWENSGARD, BRETT E., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2015-09-08
[86] 2014-02-27 (PCT/US2014/018932)
[87] (WO2014/163925)
[30] US (13/800,067) 2013-03-13

[21] **2,904,589**
[13] A1
[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **WHOLE BLOOD HEMOLYSIS SENSOR**
[54] **CAPTEUR D'HEMOLYSE DE SANG TOTAL**
[72] BALASUBRAMANIAN, SHANKAR, US
[72] D'ORAZIO, PAUL, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022447)
[87] (WO2014/159193)
[30] US (61/782,166) 2013-03-14

[21] **2,904,590**
[13] A1
[51] **Int.Cl. C08J 3/24 (2006.01) C08K 5/14 (2006.01)**
[25] EN
[54] **METHODS FOR CROSSLINKING POLYMER COMPOSITIONS IN THE PRESENCE OF ATMOSPHERIC OXYGEN**
[54] **PROCEDE DE RETICULATION DE COMPOSITIONS POLYMERES EN PRESENCE D'OXYGENE ATMOSPHERIQUE**
[72] RANBOM, WAYNE, US
[72] PALYS, LEONARD H., US
[71] ARKEMA INC., US
[85] 2015-09-08
[86] 2014-02-28 (PCT/US2014/019194)
[87] (WO2014/158665)
[30] US (61/782,055) 2013-03-14

[21] **2,904,591**
[13] A1
[51] **Int.Cl. F23K 5/02 (2006.01) F23K 5/06 (2006.01) F23K 5/14 (2006.01) F23N 1/00 (2006.01) F23Q 2/32 (2006.01)**
[25] EN
[54] **FEED AND BURNER CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ALIMENTATION ET DE BRULEUR**
[72] BARUDI, SAMIR, US
[71] DURAFLEME, INC., US
[85] 2015-09-08
[86] 2014-03-07 (PCT/US2014/022030)
[87] (WO2014/138657)
[30] US (13/789,552) 2013-03-07

[21] **2,904,593**
[13] A1
[51] **Int.Cl. B01D 61/00 (2006.01)**
[25] EN
[54] **PLASMA SEPARATION FROM BLOOD USING A FILTRATION DEVICE AND METHODS THEREOF**
[54] **SEPARATION DE PLASMA DU SANG EN UTILISANT UN DISPOSITIF DE FILTRATION ET SES PROCEDES**
[72] BURG, J. LAWRENCE, US
[72] RINES, RUSSELL, US
[72] SRINIVASAN, ARAVIND, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022469)
[87] (WO2014/159197)
[30] US (61/783,696) 2013-03-14

[21] **2,904,594**
[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ISOTOPIC SOURCE EXTERNAL BEAM RADIOTHERAPY**
[54] **SYSTEMES ET METHODES POUR RADIOTHERAPIE PAR FAISCEAU EXTERNE A SOURCE ISOTOPIQUE**
[72] DEMPSEY, JAMES F., US
[72] KAWRYKOW, IWAN, US
[71] VIEWRAY INCORPORATED, US
[85] 2015-09-08
[86] 2014-03-11 (PCT/US2014/023740)
[87] (WO2014/159455)
[30] US (13/830,794) 2013-03-14

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[21] **2,904,597**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/132 (2006.01) A61B 17/135 (2006.01) A61H 9/00 (2006.01)**

[25] EN

[54] **GAS POWERED SYSTEM FOR PERFORMING REMOTE ISCHEMIC CONDITIONING**

[54] **SYSTEME ALIMENTE PAR DU GAZ POUR L'EXECUTION D'UN CONDITIONNEMENT ISCHEMIQUE A DISTANCE**

[72] GANSKE, ROCKY EUGENE, CA

[72] CRACAUER, RAYMOND, US

[72] GIL, LAHAV, CA

[71] CELLAEGIS DEVICES, INC., CA

[85] 2015-09-08

[86] 2014-03-12 (PCT/IB2014/001424)

[87] (WO2014/167422)

[30] US (61/789,919) 2013-03-15

[21] **2,904,598**
[13] A1

[51] **Int.Cl. C07C 51/41 (2006.01) A61K 31/19 (2006.01)**

[25] EN

[54] **SALTS OF TREPROSTINIL**

[54] **SELS DE TREPROSTINIL**

[72] BATRA, HITESH, US

[72] SHARMA, VIJAY, US

[72] YANG, SANMIN, US

[72] ZHANG, YI, US

[71] UNITED THERAPEUTICS CORPORATION, US

[85] 2015-09-08

[86] 2014-03-10 (PCT/US2014/022568)

[87] (WO2014/150203)

[30] US (61/791,015) 2013-03-15

[21] **2,904,599**
[13] A1

[51] **Int.Cl. C09K 8/52 (2006.01) C09K 8/035 (2006.01)**

[25] EN

[54] **FOAMERS FOR LIQUID REMOVAL**

[54] **AGENTS MOUSSANTS POUR L'ELIMINATION DE LIQUIDE**

[72] HUANG, FENFEN, US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-03-05 (PCT/US2014/020691)

[87] (WO2014/164123)

[30] US (61/780,303) 2013-03-13

[21] **2,904,602**
[13] A1

[51] **Int.Cl. F16D 21/08 (2006.01)**

[25] EN

[54] **BI-DIRECTIONAL OVERRUNNING CLUTCH HAVING SPLIT ROLL CAGE**

[54] **EMBAYAGE A ROUE LIBRE BIDIRECTIONNEL AYANT UNE CAGE DE ROULEMENT FENDUE**

[72] HEATH, KELLY P., US

[72] OCHAB, DAVID C., US

[72] PALMER, JAMES E., US

[72] UPDYKE, JOHN R., US

[72] KNICKERBOCKER, HOWARD J., US

[71] THE HILLIARD CORPORATION, US

[85] 2015-09-15

[86] 2013-05-03 (PCT/US2013/039403)

[87] (WO2014/143090)

[30] US (13/832,473) 2013-03-15

[21] **2,904,604**
[13] A1

[51] **Int.Cl. F23J 15/02 (2006.01) B01D 53/34 (2006.01)**

[25] EN

[54] **METHOD OF OXIDIZING MERCURY IN FLUE GAS**

[54] **PROCEDE D'OXYDATION DE MERCURE DANS UN GAZ DE CARNEAU**

[72] KEISER, BRUCE A., US

[72] MIMNA, RICHARD, US

[72] ERGANG, NICHOLAS S., US

[72] DORNER, ROBERT W., DE

[72] YUAN, JIANWEI, US

[72] CHEN, HUNG-TING, US

[71] ECOLAB USA INC., US

[85] 2015-09-08

[86] 2014-03-10 (PCT/US2014/022612)

[87] (WO2014/150217)

[30] US (61/798,573) 2013-03-15

[21] **2,904,606**
[13] A1

[51] **Int.Cl. A61L 31/00 (2006.01) A61L 31/14 (2006.01) A61L 31/16 (2006.01)**

[25] EN

[54] **DRUG ELUTING GRAFT CONSTRUCTS AND METHODS**

[54] **STRUCTURES ET PROCEDES DE GREFFE A ELUTION DE MEDICAMENT**

[72] PECK, RHONDA, US

[72] SHAH, BHAVIN, US

[72] PATEL, UMESH H., US

[72] GEARHART, KRISTA, US

[72] CHARLEBOIS, STEVEN, US

[72] MILNER, KEITH, US

[72] RODENBERG, ERIC J., US

[71] COOK MEDICAL TECHNOLOGIES LLC, US

[71] COOK BIOTECH INCORPORATED, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/028488)

[87] (WO2014/144188)

[30] US (61/799,080) 2013-03-15

[21] **2,904,607**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/46 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF DETECTING A STROBE USING A TEMPORAL WINDOW**

[54] **SYSTEME ET PROCEDE DE DETECTION D'UN FEU A ECLATS EN UTILISANT UNE FENETRE TEMPORELLE**

[72] LI, RENXIANG, US

[72] ISHTIAQ, FAISAL, US

[71] ARRIS TECHNOLOGY, INC., US

[85] 2015-09-15

[86] 2014-03-13 (PCT/US2014/025932)

[87] (WO2014/151531)

[30] US (61/799,839) 2013-03-15

[30] US (61/803,315) 2013-03-19

[30] US (13/858,923) 2013-04-08

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[13] A1

[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AN AUTOMATED TITRATION FOR ORAL APPLIANCE THERAPY**

[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN TITRAGE AUTOMATISE POUR UNE THERAPIE AVEC APPAREILLAGE ORAL**

[72] REMMERS, JOHN, US
[72] TOPOR, ZBIGNIEW LUDWIK, CA
[72] GROSSE, JOSHUA, CA
[72] CATAFORD, PAUL, CA
[72] LECOZ, PATRICK, FR
[71] ZST HOLDINGS, INC., CA
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022638)
[87] (WO2014/159236)
[30] US (61/783,241) 2013-03-14

[21] **2,904,610**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROTEIN KINASE C INHIBITORS AND USES THEREOF**

[54] **INHIBITEURS DE PROTEINE KINASE C ET LEURS UTILISATIONS**

[72] SINGH, RAJINDER, US
[72] DUNCTON, MATTHEW, US
[72] ZHANG, JING, US
[72] ALVAREZ, SALVADOR, US
[72] TSO, KIN, US
[72] HOLLAND, SACHA, US
[72] YEN, ROSE, US
[72] KOLLURI, RAO, US
[72] HECKRODT, THILO, US
[72] CHEN, YAN, US
[72] MASUDA, ESTEBAN, US
[72] LI, HUI, US
[72] PAYAN, DONALD G., US
[71] RIGEL PHARMACEUTICALS, INC., US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/026634)
[87] (WO2014/151900)
[30] US (61/783,647) 2013-03-14

[21] **2,904,612**
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING THIENOPYRIMIDINE AND THIENOPYRIDINE COMPOUNDS AND METHODS OF USE THEREOF**

[54] **COMPOSITIONS COMPRENANT DES COMPOSES THIENOPYRIMIDINE ET THIENOPYRIDINE ET PROCEDES D'UTILISATION ASSOCIES**

[72] GREMBECKA, JOLANTA, US
[72] CIERPICKI, TOMASZ, US
[72] BORKIN, DMITRY, US
[72] HESS, JAY, US
[72] SUN, DUXIN, US
[72] LI, XIAOQIN, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022750)
[87] (WO2014/164543)
[30] US (61/780,099) 2013-03-13

[21] **2,904,613**
[13] A1

[51] **Int.Cl. H04N 19/154 (2014.01) H04N 19/126 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **IMPROVED METHOD OF BIT ALLOCATION FOR IMAGE & VIDEO COMPRESSION USING PERCEPTUAL GUIDANCE**

[54] **PROCEDE AMELIORE D'ATTRIBUTION DE BITS POUR COMPRESSION D'IMAGE & VIDEO A L'AIDE D'UN GUIDAGE PERCEPTUEL**

[72] MCCARTHY, SEAN T., US
[72] BORGWARDT, PETER A., US
[72] KAMARSHI, VIJAY, US
[72] SAXENA, SHIV, US
[71] ARRIS TECHNOLOGY, INC., US
[85] 2015-09-08
[86] 2014-03-01 (PCT/US2014/019722)
[87] (WO2014/149576)
[30] US (13/841,865) 2013-03-15

[21] **2,904,615**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/33 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR EMBEDDING SECRET INFORMATION IN DIGITAL CERTIFICATES**

[54] **PROCEDE ET APPAREIL POUR INCORPORER DES INFORMATIONS SECRETES DANS DES CERTIFICATS NUMERIQUES**

[72] TARBOX, BRIAN J., US
[72] WIENER, STEWART M., US
[71] ARRIS TECHNOLOGY, INC., US
[85] 2015-09-08
[86] 2014-03-04 (PCT/US2014/020076)
[87] (WO2014/149644)
[30] US (13/842,110) 2013-03-15

[21] **2,904,616**
[13] A1

[51] **Int.Cl. G01N 33/49 (2006.01)**
[25] EN
[54] **APPARATUS, CARTRIDGE AND METHOD FOR HEMOSTASIS TESTING**

[54] **APPAREIL, CARTOUCHE ET PROCEDE DE DEPISTAGE DE L'HEMOSTASE**

[72] DELMENICO, PETER, US
[72] LOPEZ-ESPINA, CARLOS G., US
[72] RAVIV, GABRIEL, US
[71] CORAMED TECHNOLOGIES, LLC, US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/028589)
[87] (WO2014/144259)
[30] US (61/792,349) 2013-03-15

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[21] **2,904,619**
[13] A1

[51] **Int.Cl. H04L 12/12 (2006.01) G06F 3/048 (2013.01) H04L 12/16 (2006.01)**
[25] EN
[54] **PORTABLE PLATFORM FOR NETWORKED COMPUTING**
[54] **PLATE-FORME PORTABLE POUR DISPOSITIF INFORMATIQUE EN RESEAU**
[72] MAGUIRE, YAEL, US
[72] COGLITORE, GIOVANNI, US
[72] KALINOWSKI, CAITLIN E., US
[71] FACEBOOK, INC., US
[85] 2015-09-08
[86] 2014-03-12 (PCT/US2014/024843)
[87] (WO2014/151050)
[30] US (61/801,526) 2013-03-15
[30] US (13/914,576) 2013-06-10

[21] **2,904,622**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING A STROBE BY USING SPATIAL FEATURES IN VIDEO FRAMES**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UN FEU A ECLATS PAR UTILISATION DE CARACTERISTIQUES SPATIALES DANS DES VUES VIDEO**
[72] LI, RENXIANG, US
[72] ISHTIAQ, FAISAL, US
[71] ARRIS TECHNOLOGY, INC., US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025376)
[87] (WO2014/151286)
[30] US (61/799,839) 2013-03-15
[30] US (13/858,921) 2013-04-08

[21] **2,904,623**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/18 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07K 14/71 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 15/62 (2006.01) C12N 15/86 (2006.01) C12N 15/864 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **FUSION PROTEINS COMPRISING PDGF AND VEGF BINDING PORTIONS AND METHODS OF USING THEREOF**
[54] **PROTEINES DE FUSION COMPRENANT DES PARTIES DE LIAISON A PDGF ET A VEGF ET LEURS PROCEDES D'UTILISATION**
[72] PECHAN, PETER, US
[72] ARDINGER, JEFFERY, US
[72] RUBIN, HILLARD, US
[72] WADSWORTH, SAMUEL, US
[72] SCARIA, ABRAHAM, US
[71] GENZYME CORPORATION, US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/026872)
[87] (WO2014/160507)
[30] US (61/780,914) 2013-03-13

[21] **2,904,626**
[13] A1

[51] **Int.Cl. C07C 1/00 (2006.01)**
[25] EN
[54] **ASPHALT EMULSIFIERS DERIVED FROM PYROLYZED WOOD**
[54] **EMULSIFIANTS D'ASPHALTE DERIVES DE BOIS PYROLYSE**
[72] MERCK, RALPH BRIAN, US
[72] KENNEDY, NORMAN LEROY, US
[71] PINOVA, INC., US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/028620)
[87] (WO2014/144281)
[30] US (61/791,799) 2013-03-15

[21] **2,904,627**
[13] A1

[51] **Int.Cl. B60L 11/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RAPID BATTERY EXCHANGE IN ELECTRIC VEHICLES**
[54] **SYSTEME ET PROCEDE POUR UN ECHANGE DE BATTERIE RAPIDE DANS DES VEHICULES ELECTRIQUES**
[72] DROSTE, PETER C., US
[71] DROSTE, PETER C., US
[85] 2015-09-08
[86] 2014-03-06 (PCT/US2014/021190)
[87] (WO2014/138394)
[30] US (13/788,360) 2013-03-07

[21] **2,904,628**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **SHUNT FLUSHER**
[54] **DISPOSITIF DE RINCAGE DE DERIVATION**
[72] MADSEN, JOSEPH, US
[72] ANOR, TOMER, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2015-09-08
[86] 2014-03-04 (PCT/US2014/020082)
[87] (WO2014/149648)
[30] US (61/787,922) 2013-03-15

[21] **2,904,630**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING ANTI-CD38 ANTIBODIES AND CARFILZOMIB**
[54] **COMPOSITIONS COMPRENANT DES ANTICORPS ANTI-CD38 ET CARFILZOMIB**
[72] TOMKINSON, BLAKE, US
[72] AFTAB, BLAKE T., US
[72] HANN, BYRON C., US
[72] MARTIN, THOMAS G., US
[71] SANOFI, FR
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025441)
[87] (WO2014/159911)
[30] US (61/778,540) 2013-03-13
[30] US (61/808,381) 2013-04-04

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[21] **2,904,631**
[13] A1

[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/029 (2006.01) A61K 35/12 (2015.01)**
[25] EN
[54] **FLOW-MEDIATED DILATION TO DETERMINE VASCULAR AGE**
[54] **DILATATION MEDIEE PAR LE FLUX POUR DETERMINER L'AGE VASCULAIRE**
[72] LENEHAN, PETER F., US
[72] EVERIST, THOMAS STEPHEN, III, US
[71] EVERIST GENOMICS, INC., US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/026895)
[87] (WO2014/160515)
[30] US (61/778,424) 2013-03-13

[21] **2,904,638**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONDUCTING A DEDUCTIVE SURVEY**
[54] **PROCEDE ET SYSTEME POUR EFFECTUER UNE ENQUETE DEDUCTIVE**
[72] WILLIAMS, KURTIS, US
[72] GROVER, JON, US
[72] CROFTS, JOHN, US
[71] INMOMENT, INC., US
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022829)
[87] (WO2014/138744)
[30] US (61/775,370) 2013-03-08

[21] **2,904,642**
[13] A1

[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR PHYSIOLOGICAL SENSOR**
[54] **CAPTEUR PHYSIOLOGIQUE INTRA-OCULAIRE**
[72] HAFFNER, DAVID S., US
[72] HAQUE, RAZI-UL M., US
[72] WISE, KENSALL D., US
[71] DOSE MEDICAL CORPORATION, US
[85] 2015-09-08
[86] 2014-03-10 (PCT/US2014/022851)
[87] (WO2014/164569)
[30] US (13/802,313) 2013-03-13

[21] **2,904,634**
[13] A1

[51] **Int.Cl. H04W 16/10 (2009.01) H04W 16/14 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DYNAMIC SPECTRUM ARBITRAGE**
[54] **PROCEDES ET SYSTEMES POUR ARBITRAGE DYNAMIQUE DE SPECTRE**
[72] SMITH, CLINT, US
[72] GANLEY, DECLAN, IE
[72] SMITH, SAMUEL, US
[71] RIVADA NETWORKS, LLC, US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025827)
[87] (WO2014/160106)
[30] US (13/800,906) 2013-03-13

[21] **2,904,639**
[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/07 (2010.01) C12N 5/0775 (2010.01) C07D 473/08 (2006.01)**
[25] EN
[54] **THEOBROMINE COMPOSITIONS USEFUL FOR INCREASING FETAL WEIGHT GAIN AND ENHANCING BONE PROPERTIES**
[54] **COMPOSITIONS DE THEOBROMINE UTILES POUR AUGMENTER LE GAIN DE POIDS DU FŒTUS ET AMELIORER LES PROPRIETES DES OS**
[72] SADEGHPOUR, ARMAN, US
[72] NAKAMOTO, TETSUO, US
[71] THEOCORP HOLDING COMPANY, LLC, US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/027018)
[87] (WO2014/152158)
[30] US (61/792,425) 2013-03-15

[21] **2,904,644**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HUMAN ANTIBODIES TO GREM1**
[54] **ANTICORPS HUMAINS SE LIANT A GREM1**
[72] ECONOMIDES, ARIS, US
[72] IDONE, VINCENT J., US
[72] MORTON, LORI C., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2015-09-08
[86] 2014-03-07 (PCT/US2014/021471)
[87] (WO2014/159010)
[30] US (61/782,874) 2013-03-14
[30] US (61/883,218) 2013-09-27

[21] **2,904,635**
[13] A1

[51] **Int.Cl. E03C 1/26 (2006.01)**
[25] EN
[54] **LEVEL ENTRY SHOWER SYSTEM**
[54] **SYSTEME DE DOUCHE A ENTREE A NIVEAU**
[72] PHILLIPS, GARY R., US
[71] PHILLIPS, GARY R., US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/028645)
[87] (WO2014/144298)
[30] US (61/792,428) 2013-03-15

[21] **2,904,647**
[13] A1

[51] **Int.Cl. C09B 61/00 (2006.01) A23L 1/275 (2006.01) C07H 17/065 (2006.01)**
[25] EN
[54] **NATURAL BLUE ANTHOCYANIN-CONTAINING COLORANTS**
[54] **COLORANTS CONTENANT DE L'ANTHOCYANINE BLEUE NATURELLE**
[72] ROBBINS, REBECCA J., US
[72] JOHNSON, J. CHRISTOPHER, US
[72] COLLINS, THOMAS M., US
[72] AHMADIANI, NEDA, US
[72] GIUSTI, M. MONICA, US
[71] MARS, INCORPORATED, US
[71] THE OHIO STATE UNIVERSITY, US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/027385)
[87] (WO2014/152478)
[30] US (61/790,746) 2013-03-15

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[21] **2,904,649**
[13] A1

[51] **Int.Cl. H04W 88/02 (2009.01) H04H 20/61 (2009.01) G06F 17/00 (2006.01) H04B 1/40 (2015.01)**

[25] EN

[54] **WIRELESSLY TRIGGERED SMART MEDIA GUIDES**

[54] **GUIDES MULTIMEDIAS INTELLIGENTS DECLENCHES DE MANIERE SANS FIL**

[72] REINHARDT, GERARD EDWARD, US

[72] WINCKWORTH, TREVOR, IE

[72] MARTIN, STEPHEN, IE

[71] IN HAND GUIDES LTD., IE

[71] REINHARDT, GERARD EDWARD, US

[71] WINCKWORTH, TREVOR, IE

[71] MARTIN, STEPHEN, IE

[85] 2015-09-08

[86] 2014-03-13 (PCT/US2014/025850)

[87] (WO2014/160115)

[30] US (61/781,309) 2013-03-14

[21] **2,904,651**
[13] A1

[51] **Int.Cl. H04R 1/02 (2006.01) H04R 1/28 (2006.01) H04R 1/40 (2006.01) H04R 5/02 (2006.01)**

[25] EN

[54] **SLIM PROFILE LOUDSPEAKER**

[54] **HAUT-PARLEUR COMPACT**

[72] FINCHAM, LAWRENCE R., US

[71] THX LTD, US

[85] 2015-09-08

[86] 2014-03-10 (PCT/US2014/022866)

[87] (WO2014/164573)

[30] US (61/780,521) 2013-03-13

[21] **2,904,652**
[13] A1

[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/14 (2006.01) A61B 17/15 (2006.01) A61B 17/90 (2006.01)**

[25] EN

[54] **ANKLE REPLACEMENT SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE REMPLACEMENT DE CHEVILLE**

[72] MCGINLEY, SHAWN, US

[72] LUNA, RAMON, US

[72] PATEL, VINAY D., US

[72] NACHTRAB, DEAN J., US

[72] DHILLON, BRAHAM K., US

[72] HOWLES, ROBERT M., US

[72] FREE, DANIEL E., US

[72] STEMNISKI, PAUL, US

[72] REYNOLDS, DAVID, US

[72] SCHULTZ, MATTHEW D., US

[72] LOWERY, GARY, US

[72] PENNER, MURRAY J., CA

[71] WRIGHT MEDICAL TECHNOLOGY, INC., US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/027448)

[87] (WO2014/152535)

[30] US (61/782,507) 2013-03-14

[30] US (61/846,831) 2013-07-16

[21] **2,904,653**
[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/117 (2006.01) A61B 17/56 (2006.01) A61F 5/01 (2006.01) A61H 1/00 (2006.01) A61N 1/36 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR TREATING OR SUPPORTING HUMAN JOINTS OR A PORTION OF THE HUMAN BODY**

[54] **SYSTEMES ET METHODES DE TRAITEMENT OU DE SOUTIEN D'ARTICULATIONS HUMAINES OU D'UNE PARTIE DU CORPS HUMAIN**

[72] COLEMAN, STRUAN, US

[72] DOMENICO, CALVIN, US

[72] GIESWEIN, EDISON, US

[71] CYMEDICA, INC., US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/028698)

[87] (WO2014/153017)

[30] US (61/784,927) 2013-03-14

[30] US (14/021,387) 2013-09-09

[21] **2,904,654**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01)**

[25] EN

[54] **COMPLEMENT COMPONENT C5 IRNA COMPOSITIONS AND METHODS OF USE THEREOF**

[54] **COMPOSITIONS D'ARNI DU CONSTITUANT C5 DU COMPLEMENT ET LEURS PROCEDES D'UTILISATION**

[72] FITZGERALD, KEVIN, US

[72] BUTLER, JAMES, US

[72] BETTENCOURT, BRIAN, US

[72] BORODOVSKY, ANNA, US

[72] KUCHIMANCHI, SATYANARAYANA, US

[72] CHARISSE, KLAUS, US

[72] MANOHARAN, MUTHIAH, US

[72] MAIER, MARTIN, US

[72] RAJEEV, KALLANTHOTTATHIL G., US

[72] FOSTER, DONALD, US

[71] ALNYLAM PHARMACEUTICALS, INC., US

[85] 2015-09-08

[86] 2014-03-13 (PCT/US2014/025882)

[87] (WO2014/160129)

[30] US (61/782,531) 2013-03-14

[30] US (61/837,399) 2013-06-20

[30] US (61/904,579) 2013-11-15

[30] US (61/912,777) 2013-12-06

[30] US (61/942,367) 2014-02-20

[21] **2,904,656**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **DYNAMIC SUPERBILL CODING WORKFLOW**

[54] **FLUX DE TRAVAIL A CODAGE DYNAMIQUE SUPERBILL**

[72] FRITSCH, JUERGEN, US

[72] JAGANNATHAN, VASUDEVAN, US

[71] MMODAL IP LLC, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/027783)

[87] (WO2014/143710)

[30] US (61/791,127) 2013-03-15

[30] US (14/211,322) 2014-03-14

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[21] 2,904,660 [13] A1	[21] 2,904,662 [13] A1	[21] 2,904,663 [13] A1
[51] Int.Cl. A61K 31/5377 (2006.01) A61K 31/4015 (2006.01) A61K 31/404 (2006.01) A61K 31/415 (2006.01) A61K 31/4178 (2006.01) A61K 31/4196 (2006.01) A61K 31/42 (2006.01) A61K 31/426 (2006.01) A61K 31/433 (2006.01) A61K 31/4545 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01)	[51] Int.Cl. A61K 31/497 (2006.01) A61K 31/167 (2006.01) A61K 31/17 (2006.01) A61K 31/18 (2006.01) A61K 31/24 (2006.01) A61K 31/245 (2006.01) A61K 31/397 (2006.01) A61K 31/40 (2006.01) A61K 31/415 (2006.01) A61K 31/4164 (2006.01) A61K 31/42 (2006.01) A61K 31/44 (2006.01) A61K 31/445 (2006.01) A61K 31/495 (2006.01) A61K 31/505 (2006.01) A61P 3/06 (2006.01) C07C 69/587 (2006.01)	[51] Int.Cl. A61B 18/20 (2006.01) A61F 9/008 (2006.01) A61F 9/01 (2006.01) B23K 26/08 (2014.01) B23K 26/36 (2014.01)
[25] EN [54] ANTI-PROPROTEIN CONVERTASE SUBTILISIN KEXIN TYPE 9 (ANTI-PCSK9) COMPOUNDS AND METHODS OF USING THE SAME IN THE TREATMENT AND/OR PREVENTION OF CARDIOVASCULAR DISEASES	[25] EN [54] ANTI-PCSK9 COMPOUNDS AND METHODS FOR THE TREATMENT AND/OR PREVENTION OF CARDIOVASCULAR DISEASES	[25] EN [54] SYSTEM FOR SCANNING A PULSED LASER BEAM
[54] COMPOSES ANTI-PROPROTEINE CONVERTASE SUBTILISINE KEXINE DE TYPE 9 (ANTI-PCSK9) ET METHODES D'UTILISATION DE CES COMPOSES DANS LE TRAITEMENT ET/OU LA PREVENTION DE MALADIES CARDIO-VASCULAIRES	[54] COMPOSES ANTI-PCSK9 ET METHODES DE TRAITEMENT ET/OU DE PREVENTION DE MALADIES CARDIO-VASCULAIRES	[54] SYSTEME DE BALAYAGE DE FAISCEAU LASER PULSE
[72] ABDEL-MEGUID, SHERIN SALAHELDIN, US	[72] ABDEL-MEGUID, SHERIN SALAHELDIN, US	[72] BOR, ZSOLT, US
[72] ELSHOUBAGY, NABIL, US	[72] ABOU-GHARBIA, MAGID, US	[72] ZADOYAN, RUBEN, US
[72] MEYERS, HAROLD, US	[72] BLASS, BENJAMIN, US	[72] BOUVIER, MARCEL, US
[72] MOUSA, SHAKER A., US	[72] CHILDERS, WAYNE, US	[72] HOLLAND, GUY V., US
[71] SHIFA BIOMEDICAL CORPORATION, US	[72] ELSHOUBAGY, NABIL, US	[71] AMO DEVELOPMENT, LLC., US
[85] 2015-09-08	[72] GHIDU, VICTOR, US	[85] 2015-09-08
[86] 2014-03-11 (PCT/US2014/022957)	[72] MARTINEZ, ROGELIO, US	[86] 2014-03-04 (PCT/US2014/020117)
[87] (WO2014/150326)	[72] MEYERS, HAROLD, US	[87] (WO2014/143580)
[30] US (61/788,061) 2013-03-15	[72] MOUSA, SHAKER A., US	
	[71] SHIFA BIOMEDICAL CORPORATION, US	[21] 2,904,664 [13] A1
	[85] 2015-09-08	[51] Int.Cl. E21B 3/02 (2006.01) E21B 21/00 (2006.01)
	[86] 2014-03-11 (PCT/US2014/023135)	[25] EN
	[87] (WO2014/150395)	[54] MULTI-SERVICE SUPPLY LINE SYSTEM AND METHOD
	[30] US (61/789,867) 2013-03-15	[54] SYSTEME ET PROCEDE DE LIGNE D'ALIMENTATION MULTISERVICES
		[72] KINGSLEY, ALAN ROSS, CA
		[71] TESCO CORPORATION, US
		[85] 2015-09-08
		[86] 2014-03-04 (PCT/US2014/020394)
		[87] (WO2014/158825)
		[30] US (13/804,615) 2013-03-14

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[21] **2,904,667**
[13] A1

[51] **Int.Cl. B32B 13/12 (2006.01) E04B 1/90 (2006.01) E04C 2/24 (2006.01) E04F 15/02 (2006.01)**

[25] EN

[54] **EXTERIOR SHEATHING PANEL WITH INTEGRATED AIR/WATER BARRIER MEMBRANE**

[54] **PANNEAU DE CHEMISAGE EXTERIEUR COMPORTANT UNE MEMBRANE DE BARRIERE VIS-A-VIS DE L'AIR/DE L'EAU INTEGREE**

[72] SHAKE, MICHAEL P., US
[72] NEGRI, ROBERT H., US
[72] MCKNIGHT, PAULA, US
[72] SHIPP, PAUL, US
[72] ULLETT, JAMES M., US
[72] KENNY, TIMOTHY G., US
[72] LINK, BRETT R., US
[72] HERNANDEZ, PAMELA, US
[72] SCHULTE, KRISTIN, US
[72] MARIMPIETRI, DANTE, US
[72] SOVEY, CASEY, US
[72] MOHAMMAD, MUNEER, US
[72] CREMONA, DOMINIC, US
[72] ZERUCHA, ELLEN, US
[72] STINSON, SCOTTIE LEE, US
[71] UNITES STATES GYPSUM COMPANY, US

[71] TREMCO INCORPORATED, US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/027887)
[87] (WO2014/143780)
[30] US (61/792,545) 2013-03-15
[30] US (14/198,093) 2014-03-05

[21] **2,904,668**
[13] A1

[51] **Int.Cl. A43B 7/32 (2006.01) A43B 23/07 (2006.01)**

[25] EN

[54] **SAFETY FOOTWEAR**

[54] **CHAUSSURES DE SECURITE**

[72] SPILLER, BERT APPLETON, US
[71] TBL LICENSING LLC, US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025916)
[87] (WO2014/160148)
[30] US (61/779,054) 2013-03-13

[21] **2,904,670**
[13] A1

[51] **Int.Cl. A61K 31/506 (2006.01) A61K 9/00 (2006.01) A61K 47/18 (2006.01) A61K 47/26 (2006.01) A61K 47/40 (2006.01) A61P 31/10 (2006.01)**

[25] EN

[54] **VORICONAZOLE FORMULATIONS**

[54] **FORMULATIONS DE VORICONAZOLE**

[72] UCHIL, BEENA, US
[72] HOEKSTRA, JOEL, US
[71] FRESENIUS KABI USA, LLC, US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025925)
[87] (WO2014/182368)
[30] US (61/783,561) 2013-03-14

[21] **2,904,671**
[13] A1

[51] **Int.Cl. A61K 31/195 (2006.01) A61K 31/352 (2006.01) A61K 33/22 (2006.01) A61P 9/00 (2006.01) A61P 9/04 (2006.01)**

[25] EN

[54] **TREATMENT OF A DIASTOLIC CARDIAC DYSFUNCTION WITH A TRPV2 RECEPTOR AGONIST**

[54] **TRAITEMENT D'UN DYSFONCTIONNEMENT CARDIAQUE DIASTOLIQUE AVEC UN AGONISTE DE RECEPTEUR TRPV2**

[72] RUBINSTEIN, JACK, US
[72] JONES, W. KEITH, US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025930)
[87] (WO2014/160153)
[30] US (61/778,826) 2013-03-13

[21] **2,904,673**
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01)**

[25] EN

[54] **BREAK-AWAY SUPPORT RING FOR WELLBORE APPARATUS**

[54] **BAGUE DE SUPPORT POUVANT ETRE ROMPUE POUR APPAREIL DE FORAGE DE Puits**

[72] BROWN, MIKE, US
[72] PASZEK, NATE, US
[71] SCIENTIFIC DRILLING INTERNATIONAL, INC., US
[85] 2015-09-08
[86] 2014-03-13 (PCT/US2014/025973)
[87] (WO2014/160173)
[30] US (61/782,906) 2013-03-14

[21] **2,904,675**
[13] A1

[51] **Int.Cl. B63G 8/00 (2006.01) B63G 8/22 (2006.01) B63B 3/13 (2006.01) B63G 8/39 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IMPROVING BUOYANCY IN UNDERWATER VEHICLES**

[54] **SYSTEMES ET PROCEDES D'AMELIORATION DE FLOTTABILITE DE VEHICULES SOUS-MARINS**

[72] RIKOSKI, RICHARD J., US
[72] POMPA, JONATHAN, US
[72] DAMUS, ROBERT S., US
[72] OWENS, DYLAN, US
[71] HADAL, INC., US
[85] 2015-09-08
[86] 2014-03-14 (PCT/US2014/029663)
[87] (WO2014/145027)
[30] US (61/792,708) 2013-03-15

[21] **2,904,676**
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01) A61B 18/20 (2006.01)**

[25] EN

[54] **LASER TYPE FIXATION MEMBER SECUREMENT DEVICE AND ACTIVATION SYSTEM, AND RELATED SYSTEM**

[54] **DISPOSITIF DE FIXATION D'ELEMENT DE FIXATION DE TYPE LASER ET SYSTEME D'ACTIVATION, ET SYSTEME APPARENTE**

[72] LEUENBERGER, SAMUEL, CH
[72] SCHMIDLI, DIETER, CH
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-09-08
[86] 2014-03-07 (PCT/US2014/021525)
[87] (WO2014/164254)
[30] US (61/777,508) 2013-03-12
[30] US (13/796,084) 2013-03-12

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[21] **2,904,678**
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/064 (2006.01)**

[25] EN

[54] **SURGICAL STAPLER WITH PARTIAL POCKETS**

[54] **AGRAFEUSE CHIRURGICALE POURVUE DE POCHEs PARTIELLES**

[72] HOPKINS, TIMOTHY, US

[72] GADBERRY, DONALD L., US

[72] BECERRA, MATTHEW A., US

[72] JASEMIAN, BABEK, US

[72] JOHNSON, GARY M., US

[72] DECKER, STEVEN E., US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/028211)

[87] (WO2014/152912)

[30] US (61/785,100) 2013-03-14

[21] **2,904,679**
[13] A1

[51] **Int.Cl. G01F 1/40 (2006.01) G01F 15/18 (2006.01)**

[25] EN

[54] **PROCESS VARIABLE MEASUREMENT USING PRIMARY ELEMENT CONNECTION PLATFORM**

[54] **MESURE DE VARIABLES DE PROCEDE AU MOYEN D'UNE PLATE-FORME DE RACCORDEMENT D'ELEMENTS PRIMAIRES**

[72] STROM, GREGORY ROBERT, US

[72] DEEGAN, PAUL TIMOTHY, US

[71] DIETERICH STANDARD, INC., US

[85] 2015-09-08

[86] 2014-03-07 (PCT/US2014/021597)

[87] (WO2014/149942)

[30] US (13/836,263) 2013-03-15

[21] **2,904,680**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/04 (2012.01)**

[25] EN

[54] **CONTRACTOR LOCATOR, DISPATCH, SCHEDULING, AND COMPONENT PURCHASING SERVICE**

[54] **SERVICE DE LOCALISATION D'ENTREPRENEUR, DE REPARTITION, DE PLANIFICATION ET D'ACHAT D'ELEMENT**

[72] COX, STEVEN A., US

[72] LAYTON, PAUL, US

[71] EMERSON ELECTRIC CO., US

[85] 2015-09-08

[86] 2014-03-13 (PCT/US2014/026014)

[87] (WO2014/151568)

[30] US (61/793,811) 2013-03-15

[30] US (61/888,783) 2013-10-09

[30] US (14/208,105) 2014-03-13

[30] US (14/208,292) 2014-03-13

[21] **2,904,681**
[13] A1

[51] **Int.Cl. B63G 8/00 (2006.01) B63B 3/13 (2006.01) B63B 9/06 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MANUFACTURING PRESSURE VESSELS**

[54] **SYSTEMES ET PROCEDES DE FABRICATION DE RECIPIENTS SOUS PRESSION**

[72] DAMUS, ROBERT S., US

[72] OWENS, DYLAN, US

[72] RIKOSKI, RICHARD J., US

[71] HADAL, INC., US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/029706)

[87] (WO2014/145055)

[30] US (61/792,708) 2013-03-15

[21] **2,904,685**
[13] A1

[51] **Int.Cl. C07D 241/10 (2006.01)**

[25] EN

[54] **FORMATION OF N-PROTECTED BIS-3,6-(4-AMINOBTYL)-2,5-DIKETOPIPERAZINE THROUGH A CYCLIC .ALPHA.N-PROTECTED ACTIVE AMINO ESTER INTERMEDIATE**

[54] **FORMATION DE BIS-3,6-(4-AMINOBTYL)-2,5-DICETOPIPERAZINE N-PROTEGEE PAR UN AMINO ESTER ALPHA-N-PROTEGE CYCLIQUE**

[72] FREEMAN, JOHN J., US

[72] PHANSTIEL, OTTO, US

[72] BAY, WILLIAM ELLIOT, US

[72] KRAFT, KELLY SULLIVAN, US

[71] MANNKIND, CORP, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/028228)

[87] (WO2014/144003)

[30] US (61/798,016) 2013-03-15

[21] **2,904,686**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01)**

[25] EN

[54] **TROCAR CANNULA ASSEMBLY WITH LOW PROFILE INSERTION CONFIGURATION AND METHOD OF MANUFACTURE**

[54] **ENSEMBLE CANULE A TROCART AVEC CONFIGURATION D'INSERTION A PROFIL BAS ET PROCEDE DE FABRICATION**

[72] PRAVONG, BOUN, US

[72] PRAVONGVIENKHAM, KENNII, US

[72] BOLANOS, EDUARDO, US

[72] VELASCO, JOEL B., US

[71] APPLIED MEDICAL RESOURCES CORPORATION, US

[85] 2015-09-08

[86] 2014-03-13 (PCT/US2014/026103)

[87] (WO2014/151613)

[30] US (61/792,285) 2013-03-15

Demandes PCT entrant en phase nationale

[21] **2,904,687**

[13] A1

[51] **Int.Cl. C02F 1/00 (2006.01) C09K 8/68
(2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **PLANT-BASED COMPOSITIONS
AND USES THEREOF**

[54] **COMPOSITIONS A BASE DE
PLANTES ET LEURS
UTILISATIONS**

[72] REHAGE, PETER, US

[71] GREENSTRACT, LLC, US

[85] 2015-09-08

[86] 2014-03-14 (PCT/US2014/029711)

[87] (WO2014/145057)

[30] US (61/798,422) 2013-03-15

[21] **2,904,689**

[13] A1

[51] **Int.Cl. G01N 33/487 (2006.01)**

[25] EN

[54] **TEST STRIP METER WITH A
MECHANISM FOR PUSHING THE
TEST STRIP AGAINST AN
OPTICAL READER**

[54] **DISPOSITIF DE MESURE DE
BANDELETTE REACTIVE
COMPRENANT UN MECANISME
POUR POUSSER LA
BANDELETTE REACTIVE
CONTRE UN LECTEUR OPTIQUE**

[72] CHARLTON, STEVEN C., US

[71] BAYER HEALTHCARE LLC, US

[85] 2015-09-08

[86] 2014-03-07 (PCT/US2014/021691)

[87] (WO2014/164279)

[30] US (61/777,614) 2013-03-12

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[21] 2,897,785 [13] A1	[21] 2,902,522 [13] A1	[21] 2,902,524 [13] A1
<p>[51] Int.Cl. E21B 43/24 (2006.01) C09K 8/592 (2006.01) E21B 43/241 (2006.01)</p> <p>[25] EN</p> <p>[54] HYDROCARBON RECOVERY USING INJECTION OF STEAM AND A DILUENT</p> <p>[54] RECUPERATION D'HYDROCARBURE PAR INJECTION DE VAPEUR ET DE DILUANT</p> <p>[72] CHAKRABARTY, TAPANTOSH, CA</p> <p>[71] IMPERIAL OIL RESOURCES LIMITED, CA</p> <p>[22] 2015-07-21</p> <p>[41] 2015-09-18</p>	<p>[51] Int.Cl. A62C 31/12 (2006.01)</p> <p>[25] EN</p> <p>[54] FIXED SYSTEMS AND METHODS FOR EXTINGUISHING INDUSTRIAL TANK FIRES, WITH AND WITHOUT FIXED ROOF, INCLUDING AERATED FOAM PROJECTING NOZZLES AND CENTER DIRECTED NOZZLES</p> <p>[54] SYSTEMES FIXES ET PROCEDES POUR LUTTER CONTRE DES INCENDIES DE RESERVOIRS INDUSTRIELS, AVEC OU SANS TOIT FIXE, COMPRENANT DES BUSES DE PROJECTION DE MOUSSE AEREE ET DES BUSES ORIENTEES VERS LE CENTRE</p> <p>[72] WILLIAMS, DWIGHT P., US</p> <p>[72] SPEARS, CASEY R., US</p> <p>[71] TYCO FIRE & SECURITY GMBH, CH</p> <p>[22] 2011-10-17</p> <p>[41] 2012-04-26</p> <p>[62] 2,816,161</p> <p>[30] US (61/455,367) 2010-10-19</p> <p>[30] US (61/461,413) 2011-01-18</p> <p>[30] US (61/463,296) 2011-02-14</p> <p>[30] US (61/519,071) 2011-05-16</p>	<p>[51] Int.Cl. A62C 31/12 (2006.01)</p> <p>[25] EN</p> <p>[54] FIXED SYSTEMS AND METHODS FOR EXTINGUISHING INDUSTRIAL TANK FIRES, WITH AND WITHOUT FIXED ROOF, INCLUDING AERATED FOAM PROJECTING NOZZLES AND CENTER DIRECTED NOZZLES</p> <p>[54] SYSTEMES FIXES ET PROCEDES POUR LUTTER CONTRE DES INCENDIES DE RESERVOIRS INDUSTRIELS, AVEC OU SANS TOIT FIXE, COMPRENANT DES BUSES DE PROJECTION DE MOUSSE AEREE ET DES BUSES ORIENTEES VERS LE CENTRE</p> <p>[72] WILLIAMS, DWIGHT P., US</p> <p>[72] SPEARS, CASEY R., US</p> <p>[71] TYCO FIRE & SECURITY GMBH, CH</p> <p>[22] 2011-10-17</p> <p>[41] 2012-04-26</p> <p>[62] 2,816,161</p> <p>[30] US (61/455,367) 2010-10-19</p> <p>[30] US (61/461,413) 2011-01-18</p> <p>[30] US (61/463,296) 2011-02-14</p> <p>[30] US (61/519,071) 2011-05-16</p>
<p style="text-align: center;">[21] 2,902,470 [13] A1</p> <p>[51] Int.Cl. E21B 43/26 (2006.01)</p> <p>[25] EN</p> <p>[54] SIMULATIONS FOR HYDRAULIC FRACTURING TREATMENTS AND METHODS OF FRACTURING NATURALLY FRACTURED FORMATION</p> <p>[54] SIMULATIONS DE TRAITEMENTS PAR FRACTURATION HYDRAULIQUE ET PROCEDES PERMETTANT DE FRACTURER UNE FORMATION NATURELLEMENT FRACTUREE</p> <p>[72] WENG, XIAOWEI, US</p> <p>[72] SIEBRITS, EDUARD, RU</p> <p>[71] SCHLUMBERGER CANADA LIMITED, CA</p> <p>[22] 2008-01-24</p> <p>[41] 2008-08-07</p> <p>[62] 2,676,675</p> <p>[30] US (60/887,008) 2007-01-29</p> <p>[30] US (11/936,344) 2007-11-07</p>		

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,902,719**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C12N 15/29 (2006.01)**

[25] EN

[54] **DOWN-REGULATION OF GENE EXPRESSION USING ARTIFICIAL MICRORNAS**

[54] **REGULATION A LA BAISSSE DE L'EXPRESSION DE GENES A L'AIDE DE MICRO-ARN ARTIFICIELS**

[72] MCGONIGLE, BRIAN, US

[71] E.I. DU PONT DE NEMOURS AND COMPANY, US

[22] 2008-12-17

[41] 2009-06-25

[62] 2,709,404

[30] US (61/014,512) 2007-12-18

[21] **2,902,723**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01) C12N 15/29 (2006.01)**

[25] EN

[54] **DOWN-REGULATION OF GENE EXPRESSION USING ARTIFICIAL MICRORNAS**

[54] **REGULATION A LA BAISSSE DE L'EXPRESSION DE GENES A L'AIDE DE MICRO-ARN ARTIFICIELS**

[72] MCGONIGLE, BRIAN, US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[22] 2008-12-17

[41] 2009-06-25

[62] 2,709,404

[30] US (61/014,512) 2007-12-18

[21] **2,902,924**
[13] A1

[51] **Int.Cl. A63B 23/02 (2006.01) A63B 21/00 (2006.01)**

[25] EN

[54] **ADJUSTABLE REFORMER**

[54] **REFORMEUR REGLABLE**

[72] MERRITHEW, LINDSAY G., CA

[72] MERRITHEW, MOIRA M., CA

[72] BHATT, VIRAL, CA

[72] BAEZ, CARLOS, CA

[71] MERRITHEW CORPORATION, CA

[22] 2008-03-25

[41] 2009-09-25

[62] 2,627,775

[21] **2,902,942**
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12P 21/02 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **FUSION PROTEINS OF NATURAL HUMAN PROTEIN FRAGMENTS TO CREATE ORDERLY MULTIMERIZED IMMUNOGLOBULIN FC COMPOSITIONS**

[54] **PROTEINES DE FUSION DE FRAGMENTS DE PROTEINES HUMAINES NATURELLES POUR CREER DES COMPOSITIONS DE FC D'IMMUNOGLOBULINE MULTIMERISE DE FACON ORDONNEE**

[72] BLOCK, DAVID S., US

[72] OLSEN, HENRIK, US

[71] GLIKNIK INC., US

[22] 2011-07-28

[41] 2012-02-02

[62] 2,804,512

[30] US (61/368,465) 2010-07-28

[21] **2,903,126**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 31/14 (2006.01) A61K 39/295 (2006.01) A61P 31/12 (2006.01) A61P 37/04 (2006.01) C07K 14/18 (2006.01) C12N 7/01 (2006.01) C12N 15/40 (2006.01) C12N 15/62 (2006.01) C12N 15/86 (2006.01)**

[25] EN

[54] **CONSTRUCTION OF WEST NILE VIRUS AND DENGUE VIRUS CHIMERAS FOR USE IN A LIVE VIRUS VACCINE TO PREVENT DISEASE CAUSED BY WEST NILE VIRUS**

[54] **PRODUCTION DE CHIMERES DU VIRUS DE LA DENGUE ET DU VIRUS DU NIL OCCIDENTAL EN VUE DE LEUR UTILISATION DANS UN VACCIN CONTRE LE VIRUS VIVANT A TITRE DE PREVENTION DE LA MALADIE PROVOQUEE PAR LE VIRUS DU NIL OCCIDENTAL**

[72] PLETNEV, ALEXANDER G., US

[72] PUTNAK, JOSEPH R., US

[72] CHANOCK, ROBERT M., US

[72] MURPHY, BRIAN R., US

[72] WHITEHEAD, STEPHEN S., US

[72] BLANEY, JOSEPH E., JR., US

[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US

[71] WALTER REED ARMY INSTITUTE OF RESEARCH, US

[22] 2003-01-09

[41] 2003-07-24

[62] 2,472,468

[30] US (60/347,281) 2002-01-10

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[21] **2,903,138**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **USE OF TNFA INHIBITOR FOR TREATMENT OF EROSIIVE POLYARTHRITIS**
[54] **UTILISATION D'UN INHIBITEUR DU TNF ALPHA POUR LE TRAITEMENT DE LA POLYARTHRITE EROSIIVE**
[72] HOFFMAN, REBECCA S., US
[72] WEINBERG, MARK, US
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[22] 2006-05-16
[41] 2006-11-23
[62] 2,898,009
[30] US (60/681,645) 2005-05-16

[21] **2,903,196**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF OCULAR NEOVASCULAR DISORDERS**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE TROUBLES NEOVASCULAIRES OCULAIRES**
[72] SHIMA, DAVID, US
[72] CALIAS, PERRY, US
[72] ADAMIS, ANTHONY P., US
[71] OPHTHOTECH CORPORATION, US
[22] 2004-08-26
[41] 2005-03-10
[62] 2,876,822
[30] US (60/498,407) 2003-08-27
[30] US (60/556,837) 2004-03-26

[21] **2,903,315**
[13] A1
[51] **Int.Cl. B61F 5/32 (2006.01) B61F 5/26 (2006.01) B61F 5/40 (2006.01)**
[25] EN
[54] **LOW PROFILE SHEAR PAD AND ADAPTER**
[54] **GLISSOIR DE TRAVERSE DANSEUSE SURBAISSE ET ADAPTATEUR**
[72] EAST, DAVID M., US
[72] SAMMARTINO, GIUSEPPE, US
[72] GOLEMBIEWSKI, RONALD D., US
[71] STANDARD CAR TRUCK COMPANY, US
[22] 2008-11-27
[41] 2009-06-21
[62] 2,645,447
[30] US (11/963,366) 2007-12-21

[21] **2,903,441**
[13] A1
[51] **Int.Cl. C08L 25/06 (2006.01) C08L 53/02 (2006.01) C08L 61/14 (2006.01) C09K 21/14 (2006.01)**
[25] EN
[54] **BROMINATED POLYMERS AS FLAME ADDITIVES AND POLYMER SYSTEMS CONTAINING SAME**
[54] **POLYMERES BROMES ADDITIFS RETARDATEURS DE FLAMME, ET SYSTEME DE POLYMERES LES CONTENANT**
[72] KING, BRUCE A., US
[72] WORKU, ANTENEH, US
[72] STOBBOY, WILLIAM GERALD, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2009-01-30
[41] 2009-09-03
[62] 2,715,442
[30] US (61/031,476) 2008-02-26

[21] **2,903,542**
[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF PROTECTIVE ANTIGENIC DETERMINANTS OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS AND USES THEREOF**
[54] **IDENTIFICATION DE DETERMINANTS ANTIGENIQUES PROTECTEURS DU VIRUS DU SYNDROME REPRODUCTIF ET RESPIROTOIRE PORCIN ET LEURS UTILISATIONS**
[72] HARRIS, DELBERT LINN, US
[72] ERDMAN, MATTHEW M., US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[22] 2006-11-29
[41] 2007-06-07
[62] 2,630,648
[30] US (60/740,519) 2005-11-29

[21] **2,903,631**
[13] A1
[51] **Int.Cl. A01N 25/02 (2006.01)**
[25] EN
[54] **AGROCHEMICAL CONCENTRATE COMPRISING AN ADJUVANT AND A HYDROTROPE**
[54] **CONCENTRE AGROCHIMIQUE COMPRENANT UN ADJUVANT ET UN HYDROTROPE**
[72] BELL, GORDON ALASTAIR, GB
[72] RAMSAY, GUY, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2004-08-06
[41] 2005-02-17
[62] 2,531,925
[30] GB (0318448.8) 2003-08-06

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,903,687**
[13] A1

[51] **Int.Cl. H04B 7/04 (2006.01) H04W 24/00 (2009.01) H04B 1/76 (2006.01)**

[25] EN

[54] **PROVIDING ANTENNA DIVERSITY IN A WIRELESS COMMUNICATION SYSTEM**

[54] **DIVERSITE D'ANTENNES DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**

[72] KADOUS, TAMER, US
[72] BHUSHAN, NAGA, US
[72] GOROKHOV, ALEXEI, US
[71] QUALCOMM INCORPORATED, US
[22] 2007-11-10
[41] 2008-05-22
[62] 2,774,818
[30] US (60/865,313) 2006-11-10
[30] US (11/937,472) 2007-11-08

[21] **2,903,692**
[13] A1

[51] **Int.Cl. A61M 5/175 (2006.01) A61J 15/00 (2006.01) A61M 5/142 (2006.01) A61M 39/24 (2006.01)**

[25] EN

[54] **ANTI-FREE FLOW MECHANISM FOR ENTERAL FEEDING PUMPS**

[54] **MECANISME ANTI-ECOULEMENT LIBRE POUR POMPES D'ALIMENTATION ENTERALES**

[72] BECK, KENT, US
[72] BULTMAN, JASON, US
[72] JURETICH, JEFF, US
[72] EGGERS, PHILIP, US
[72] FEDERSPIEL, RYAN, US
[72] ALLEN, BLAKE, US
[71] ZEVEX, INC., US
[71] BECK, KENT, US
[71] BULTMAN, JASON, US
[71] JURETICH, JEFF, US
[71] EGGERS, PHILIP, US
[71] FEDERSPIEL, RYAN, US
[71] ALLEN, BLAKE, US
[22] 2009-03-31
[41] 2009-10-08
[62] 2,720,413
[30] US (61/041,561) 2008-04-01

[21] **2,903,796**
[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 12/02 (2009.01) H04W 12/08 (2009.01) G06F 21/31 (2013.01) H04L 12/16 (2006.01)**

[25] EN

[54] **DISTANCE-DEPENDENT OR USER-DEPENDENT DATA EXCHANGE BETWEEN WIRELESS COMMUNICATION DEVICES**

[54] **ECHANGE DE DONNEES EN FONCTION DE LA DISTANCE OU DE L'UTILISATEUR ENTRE DES DISPOSITIFS DE COMMUNICATION SANS FIL**

[72] MAGUIRE, YAEL, US
[71] FACEBOOK, INC., US
[22] 2014-01-07
[41] 2014-07-10
[62] 2,896,969
[30] US (13/735,783) 2013-01-07
[30] US (13/735,938) 2013-01-07

[21] **2,903,818**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06F 17/50 (2006.01)**

[25] EN

[54] **METHOD FOR EMPHASIZING DIFFERENCES IN GRAPHICAL APPEARANCE BETWEEN AN ORIGINAL DOCUMENT AND A MODIFIED DOCUMENT WITH ANNOTATIONS**

[54] **PROCEDE DE MISE EN VALEUR DES DIFFERENCES D'APPARENCE GRAPHIQUE ENTRE UN DOCUMENT ORIGINAL ET UN DOCUMENT MODIFIE PRESENTANT DES ANNOTATIONS**

[72] HARTMANN, BRIAN, US
[72] GUNDERSON, BENJAMIN, US
[71] BLUEBEAM SOFTWARE, INC., US
[22] 2008-01-17
[41] 2008-07-31
[62] 2,676,487
[30] US (11/626, 631) 2007-01-24

[21] **2,903,898**
[13] A1

[51] **Int.Cl. H04N 19/159 (2014.01) H04N 21/234 (2011.01) H04N 21/242 (2011.01) H04N 19/42 (2014.01)**

[25] EN

[54] **VIDEO ENCODING APPARATUS, VIDEO DECODING APPARATUS, VIDEO ENCODING METHOD, AND VIDEO DECODING METHOD**

[54] **APPAREIL DE CODAGE VIDEO, APPAREIL DE DECODAGE VIDEO, PROCEDE DE CODAGE VIDEO ET PROCEDE DE DECODAGE VIDEO**

[72] KAZUI, KIMHIKO, JP
[72] SHIMADA, SATOSHI, JP
[72] KOYAMA, JUNPEI, JP
[71] FUJITSU LIMITED, JP
[22] 2013-06-28
[41] 2014-01-02
[62] 2,819,674
[30] JP (2012-148849) 2012-07-02

[21] **2,903,920**
[13] A1

[51] **Int.Cl. H02G 15/18 (2006.01) F16G 11/10 (2006.01) F16L 5/02 (2006.01)**

[25] EN

[54] **AUTOMATIC SPLICE WATER DRIP NOSE CONE**

[54] **COIFFE A COMPTE-GOUTTE POUR EPISSURE AUTOMATIQUE**

[72] CAWOOD, MATTHEW D., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2012-10-01
[41] 2013-03-30
[62] 2,791,496
[30] US (61/541,846) 2011-09-30

[21] **2,904,267**
[13] A1

[51] **Int.Cl. G01N 24/08 (2006.01) G01F 1/74 (2006.01) G01R 33/46 (2006.01)**

[25] EN

[54] **MULTI-PHASE METERING DEVICE FOR OILFIELD APPLICATIONS**

[54] **DEBITMETRE MULTIPHASIQUE POUR APPLICATIONS DE CHAMP PETROLIFERE**

[72] KRIOUTCHKOV, SERGUEI I., CA
[72] KANTZAS, APOSTOLOS, CA
[72] WANG, ZHENG YIN, CA
[71] PERM INSTRUMENTS INC., CA
[22] 2010-10-13
[41] 2012-04-13
[62] 2,717,541

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[21] **2,904,447**
[13] A1
[51] **Int.Cl. A61K 31/4025 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **THERAPY FOR COMPLICATIONS OF DIABETES**
[54] **THERAPIE POUR COMPLICATIONS DU DIABETE**
[72] RODEN, ROBERT L., US
[72] GORCZYNSKI, RICHARD J., US
[72] GERBER, MICHAEL J., US
[71] ABBVIE DEUTSCHLAND GMBH & CO KG, DE
[22] 2008-08-22
[41] 2009-02-26
[62] 2,697,057
[30] US (60/957,300) 2007-08-22

[21] **2,904,458**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01)**
[25] EN
[54] **PROTEIN FORMULATIONS AND METHODS OF MAKING SAME**
[54] **FORMULATIONS DE PROTEINE ET LEURS PROCEDES DE FABRICATION**
[72] FRAUNHOFER, WOLFGANG, US
[72] BARTL, ANNIKA, DE
[72] KRAUSE, HANS-JUERGEN, DE
[72] TSCHOEPE, MARKUS, DE
[72] KALETA, KATHARINA, DE
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[22] 2008-11-28
[41] 2009-06-11
[62] 2,707,483
[30] US (61/004,992) 2007-11-30

[21] **2,904,476**
[13] A1
[51] **Int.Cl. G06Q 50/34 (2012.01) G07F 17/32 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRESENTING PARI-MUTUEL BETTING OPTIONS AND CONSTRUCTING WAGERS**
[54] **PROCEDES ET SYSTEMES SERVANT A PRESENTER DES OPTIONS DE PARI MUTUEL ET A ENGAGER DES PARIS**
[72] VLAZNY, KENNETH A., US
[72] PFENNIGHAUSEN, SCOTT B., US
[72] SMITH, STEPHEN M., US
[72] TRACY, JOSEPH J., US
[72] HARRISON, VICTOR I., US
[71] UNITED TOTE COMPANY, US
[22] 2004-12-01
[41] 2005-06-23
[62] 2,547,447
[30] US (10/727,154) 2003-12-02

Index of Canadian Patents Issued

October 6, 2015

Index des brevets canadiens délivrés

6 octobre 2015

14007 MINING INC.	2,704,263	AKZO NOBEL COATINGS		ARGENTO, CLAUDIO	2,693,906
2236008 ONTARIO INC.	2,818,472	INTERNATIONAL B.V.	2,684,283	ARNOLD, STEVEN	2,809,146
3M INNOVATIVE PROPERTIES		AL-HARBI, ABDULRAHMAN		ARORA, RAVI	2,560,831
COMPANY	2,671,772	FUTAYN	2,765,436	ARROYO, JUAN	2,473,321
3M INNOVATIVE PROPERTIES		AL-MURRANI, SAMER		ARSTAD, ERIK	2,589,136
COMPANY	2,714,343	WALEED KHEDHEYER	2,685,875	ARTEON, MARCEL	2,714,270
3RD BRAND PTE. LTD.		ALBANY MOLECULAR		ARVANITIS, ARGYRIOS G.	2,689,158
(COMPANY		RESEARCH, INC.	2,573,271	AS IP HOLDCO LLC	2,630,734
REGISTRATION NO.		ALBEMARLE CORPORATION	2,591,197	ASHWIN-USHAS	
200719143G)	2,711,306	ALBEMARLE NETHERLANDS		CORPORATION, INC.	2,764,618
9020-4983 QUEBEC INC	2,638,490	B.V.	2,659,074	ASNASH, LIVIU	2,508,933
9224-5489 QUEBEC INC.	2,780,828	ALBIS INTERNATIONAL		ASSA ABLOY (SCHWEIZ) AG	2,713,591
A&G PHARMACEUTICAL,		S.R.L.	2,697,552	ASSA ABLOY AB	2,585,727
INC.	2,290,602	ALDERING, STEFAN	2,741,432	ATALA, ANTHONY	2,468,171
AAS, BJARNE	2,701,849	ALDOHIN, VLADIMIR		ATHERSYS, INC.	2,636,992
AASMUL, SOEREN	2,694,229	PETROVICH	2,706,286	AUCKLAND UNISERVICES	
ABBOTT LABORATORIES	2,756,524	ALEXANDRE DE ARTINANO,		LIMITED	2,617,736
ABBOTT POINT OF CARE,		AMAYA	2,611,416	AUDET, MATHIEU	2,780,828
INC.	2,785,739	ALEXANDERSEN, ARNE	2,687,982	AVENT, INC.	2,670,561
ABBOTT, CHARLES		ALEXANDRE, PATRICK	2,658,108	AZAD PHARMA AG	2,683,672
RANDOLPH	2,749,345	ALI, ABID	2,649,404	BABIC-SAMARDZIJA,	
ABBVIE DEUTSCHLAND		ALI, SYED A.	2,802,598	KSENIJA	2,798,515
GBMH & CO KG	2,666,590	ALLEN, C. GEOFFREY	2,816,049	BABSON, DAVID M.	2,818,152
ABBVIE INC.	2,666,590	ALLEN, C. GEOFFREY	2,816,053	BADAMI, VINAY S.	2,649,404
ABE, MASAYUKI	2,787,564	ALLEN, TIMOTHY ARTHUR	2,823,751	BAGLEY, SCOTT WILLIAM	2,815,169
ABHISHEK, ABHISHEK	2,646,622	ALLEN-HOFFMANN, B. LYNN	2,705,758	BAHRKE, SVEN	2,611,453
ABOLIN, CRAIG R.	2,696,922	ALLFLEX EUROPE SAS	2,683,118	BAI, CHUANSHENG	2,636,177
ABRAM, ALBERT ZORKO	2,647,127	ALRED, PATRICIA	2,676,074	BAI, FENG	2,671,772
ACCIPITER RADAR		ALSTOM TECHNOLOGY LTD	2,817,208	BAILLOT, YOHAN	2,679,371
TECHNOLOGIES INC.	2,819,704	ALTARAC, MOTI	2,698,718	BAKER HUGHES	
ACKER, DEAN M.J.	2,628,076	ALTOBELLI, DAVID E.	2,679,616	INCORPORATED	2,798,515
ACKERMAN, BRYAN L.	2,746,947	AMEND, VICTOR	2,874,444	BAKKER, MARGARETHA	
ADACHI, KIICHI	2,675,622	AMIGO GARRIDO, MARIA		HENRICA MARIA	2,666,590
ADAM, HERVE	2,696,312	LOURDES	2,611,416	BALDUS, CHRISTOF	2,694,383
ADAMCZYK, ROGER	2,694,383	AMMACHATHRAM,		BALDWIN, CHERYL J.	2,595,394
ADAMS, NEIL PATRICK	2,756,552	MAHADEV	2,694,099	BALUCA, ERNEST G.	2,665,846
ADLER, SCOTT	2,638,539	ANAND, KARANDEEP SINGH	2,649,404	BANKS, RODNEY H.	2,739,324
ADVANCED DRAINAGE		ANDERSEN, LUTHER S.	2,773,683	BANTZ, DAVID F.	2,637,046
SYSTEMS, INC.	2,622,692	ANDERSEN, RUNE B.	2,812,561	BARBER, LOUIS	2,828,633
AERON, SHUCHIN	2,751,717	ANDERSON, MARK T.	2,671,772	BARNEA, EYTAN R.	2,584,690
AESYNT INCORPORATED	2,651,788	ANDERSSON, MATTS	2,432,953	BARONIAN, MIHRAN	2,683,672
AGARWAL, ABHILESH	2,815,298	ANDERSSON, SOREN	2,637,299	BARTH, MARTINE	2,620,662
AGCO CORPORATION	2,810,925	ANDO, HIDEYA	2,832,831	BASF PHARMA (CALLANISH)	
AGROPUR COOPERATIVE	2,856,688	ANGELOVA, ASSIA	2,710,928	LIMITED	2,815,298
AGUILAR, GASTON A.	2,831,614	ANNAN, ISAAC BILLY	2,812,975	BASF SE	2,659,164
AINLEY, WILLIAM MICHAEL	2,673,663	AOTI, INC.	2,822,163	BASF SE	2,695,417
AIRBUS HELICOPTERS	2,817,151	APPLE INC.	2,793,743	BASF SE	2,697,720
AIRBUS OPERATIONS (SAS)	2,694,996	APPLEBY, RODNEY WAYNE	2,687,488	BASS, DEREK S.	2,653,445
AIRBUS OPERATIONS GMBH	2,699,651	APRAHAMIAN, MARC	2,710,928	BASSI, CORRADO	2,731,669
AIRBUS OPERATIONS SAS	2,628,048	APTARGROUP, INC.	2,731,319	BATTAGIN, DANIEL C.	2,508,933
AIRCELLE	2,696,718	APTIS MEDICAL, LLC	2,824,291	BATTELLE MEMORIAL	
AIRCELLE	2,696,792	ARCELORMITTAL		INSTITUTE	2,675,882
AKASHE, AHMAD	2,595,394	INVESTIGACION Y		BATTELLE MEMORIAL	
AKERLUND, CLAES	2,637,299	DESARROLLO SL	2,711,580	INSTITUTE	2,721,238
		ARCENEVAUX, SCOTT JOSEPH	2,687,066	BAYCH, LESLIE D.	2,483,610

Index of Canadian Patents Issued October 6, 2015

BAYER CORPORATION	2,676,074	BISONE, DARIO	2,641,848	BOULIGNY, VERNON JOSEPH	2,687,066
BAYER CROPSCIENCE NV	2,451,589	BISONE, SERGIO	2,641,848	BOURKE, BRIAN P.	2,818,758
BAYER HEALTHCARE LLC	2,578,438	BISSONNETTE, HAROLD S.	2,713,326	BOURLART, REMI	2,638,226
BAYER INTELLECTUAL PROPERTY GMBH	2,657,062	BITTAR, MICHAEL S.	2,810,196	BOUTWELL, DOYLE FREDERIC, JR.	2,819,812
BAYER INTELLECTUAL PROPERTY GMBH	2,674,671	BITTNER, CHRISTIAN	2,697,720	BOWRA, TODD	2,652,046
BAYER MATERIALSCIENCE LLC	2,667,888	BLAAS, PETER WALRAVE	2,774,830	BOYKE, CHRISTINE	2,805,038
BAYER OY	2,675,585	BLACK & DECKER INC.	2,617,469	BP CHEMICALS LIMITED	2,684,536
BAYNE, MICHAEL	2,712,768	BLACKBERRY LIMITED	2,541,619	BRADDICK, BRITT O.	2,686,006
BE AEROSPACE, INC.	2,794,774	BLACKBERRY LIMITED	2,626,353	BRAGA, RICHARD M.	2,765,455
BEAR, BRIAN	2,627,358	BLACKBERRY LIMITED	2,684,963	BRAINARD, SCOTT	2,619,624
BEAUDIN, JASON	2,590,990	BLACKBERRY LIMITED	2,690,649	BRAJNOVIC, IZIDOR	2,432,953
BEAVIS, RUSSELL H.	2,641,569	BLACKBERRY LIMITED	2,695,069	BRAMHILL, DAVID	2,567,030
BECK, JAMES P.	2,573,271	BLACKBERRY LIMITED	2,705,170	BRANNIGAN, MICHAEL	2,836,761
BECTON, DICKINSON AND COMPANY	2,618,918	BLACKBERRY LIMITED	2,730,678	BRATZ, MATTHIAS	2,659,164
BELAND, LUC	2,638,490	BLACKBERRY LIMITED	2,745,644	BRATZ, MATTHIAS	2,695,417
BELAUBRE, FRANCOISE	2,663,387	BLACKBERRY LIMITED	2,745,859	BRAULT, MICHEL	2,621,838
BELCASTRO, MARC D.	2,654,790	BLACKBERRY LIMITED	2,756,552	BRAUN GMBH	2,765,341
BELELIE, JENNIFER L.	2,775,191	BLACKBERRY LIMITED	2,759,721	BRAUN, KEVIN GORDON	2,713,535
BELLE, RENE	2,663,387	BLACKBERRY LIMITED	2,768,789	BRAUN, PATRICK J.	2,651,788
BELLIVEAU, SCOTT MADISON	2,690,876	BLACKBERRY LIMITED	2,776,179	BREILING, MARCO	2,654,171
BELOV, MIKHAIL E.	2,675,882	BLAIN, JASON	2,802,131	BRETON, MARCEL P.	2,816,049
BENEDETTI, ALBERTO	2,692,654	BLAUKAT, ANDREE	2,693,600	BRETON, MARCEL P.	2,816,053
BENNANI, YOUSSEF L.	2,636,992	BLEDSE, DAVID L.	2,615,802	BRIEM, HANS	2,657,062
BENNETT, IAN	2,617,861	BLEISCH, PAUL L.	2,669,011	BRIGHAM, CHRISTOPHER DEAN	2,793,743
BENTLEY, CHRISTINA A.	2,728,872	BLEISCH, PAUL L.	2,681,842	BRISTOL-MYERS SQUIBB COMPANY	2,573,271
BERGHAUS, RAINER	2,659,164	BLOCKAID PTY LTD	2,693,890	BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED	2,828,633
BERGHORN, DAVID M.	2,704,878	BLOMDAHL, CORINNE M.	2,731,319	BROCHU, STEPHANE	2,783,834
BERINGER, JEFFREY R.	2,673,663	BLOMQUIST, CHRISTOPHER W.	2,846,731	BROCK INTERNATIONAL	2,788,637
BERKOWITZ, BARRY A.	2,573,271	BLOMQUIST, MICHAEL	2,637,299	BROOKBANK, AARON	2,828,633
BERLANGER, SERGE	2,719,351	BLOUNT, INC.	2,666,833	BROOM, JENNIFER	2,636,976
BERLANGER, SERGE	2,719,352	BLYSTAD, SVEIN	2,812,561	BROUWER, WILLEM DIEDERIK	2,687,014
BERLANGER, SERGE	2,719,353	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,491,310	BROWN, ANDREW D.	2,712,768
BERNER, ALEXANDER	2,710,372	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,625,404	BRUKER DALTONICS, INC.	2,782,069
BERSTED, BRUCE	2,535,344	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,696,430	BRUKER DALTONICS, INC.	2,782,935
BERTAGNOLLI, KENNETH E.	2,833,616	BOEMER, ULF	2,657,062	BRUKER DALTONICS, INC.	2,782,981
BERTI, ENZO	2,770,309	BOETTNER, MEWES	2,639,961	BRYHN, MORTEN	2,607,247
BERTON, GUY	2,743,744	BOGDON, ERIK R.	2,673,241	BUCHNER, STEFAN	2,641,381
BERTRAND, SEBASTIEN	2,849,600	BOHRER, TIMOTHY H.	2,767,731	BUCHS, JOCHEN	2,563,001
BERTSCH, BRADY J.	2,596,487	BOLIKAL, DURGADAS	2,665,846	BUCHSTALLER, HANS-PETER	2,652,393
BERZOFKY, JAY A.	2,502,663	BOLLISH, STEPHEN	2,654,728	BUCK, REINHOLD	2,734,400
BESALT, RONALD	2,588,896	BOLZICCO, CLAUDIO	2,629,268	BUCKNELL, JOHN WENTWORTH	2,669,306
BESO, ADNAN	2,654,890	BOM, DAVID C.	2,636,992	BUCKNELL, ROBERT WENTWORTH	2,669,306
BESSEY TOOL GMBH & CO. KG	2,618,459	BOMBARDIER INC. RECREATIONAL PRODUCTS INC.	2,719,163	BUDDE, ECKHARD	2,639,961
BEZOLD, JOHN R.	2,617,469	BONDY, STEVEN S.	2,549,606	BUDIC, JEFF	2,755,349
BHATTACHARYAY, SUBHA	2,526,799	BONOMI, SUSI	2,672,962	BUITRAGO, JUAN A.	2,464,974
BHP BILLITON SSM DEVELOPMENT PTY LTD	2,725,135	BORDU, SEBASTIEN	2,719,351	BULIK, DOROTA A.	2,682,744
BIANCHI, ELISABETTA	2,567,030	BORDU, SEBASTIEN	2,719,352	BUNGE OILS, INC.	2,676,412
BICAKCI, SEVAN	2,768,696	BORDU, SEBASTIEN	2,719,353	BUNNER, SEAN	2,763,713
BILLET, MIRKO	2,641,848	BOSCOLO, GALLIANO	2,697,552	BURKE, DAVID M.	2,676,976
BILLIET, JOHAN	2,535,344	BOSE, SANDIP	2,751,717	BURNETT, GEORGE ALEXANDER	2,761,591
BINDER, FRANK	2,735,270	BOSOLD, MARK J.	2,773,683	BURNS, DENISE H.	2,693,906
BINDER, HANS	2,625,779	BOSQUES, CARLOS J.	2,682,744	BURROUGHS, FRANK	2,673,663
BINDER, OTTMAR	2,625,779	BOTTERMAN, JOHAN	2,451,589	BURROWS, LEE	2,740,729
BINET, JEAN	2,620,662	BOUBIA, BENAISSA	2,620,662	BURRY, JASON SHAUN	2,703,144
BIOINCEPT, LLC	2,584,690	BOUCHON, AXEL	2,715,100	BURTON, KENNETH W., JR.	2,629,952
BIOMAN S.R.L.	2,692,654	BOUDIER, ROMAIN	2,786,397		
BIORESPONSE, L.L.C.	2,565,721				

**Index des brevets canadiens délivrés
6 octobre 2015**

BURTON, REBECCA CLAIRE	2,680,511	CHENGDU DI'AO		COOK MEDICAL	
BUSH, VICTOR BERNARD	2,777,508	PHARMACEUTICAL		TECHNOLOGIES LLC	2,784,901
BUSHELMAN, CORINNE	2,535,344	GROUP CO., LTD.	2,857,405	COOLTECH APPLICATIONS	
BUTCHER, AARON M.	2,512,102	CHEON, MIN-SU	2,857,833	S.A.S.	2,706,504
BUTTERFIELD, ROBERT D.	2,654,728	CHEON, MIN-SU	2,876,420	CORBIN, SEAN S.	2,690,876
BUWALDA, PIETER LYKLE	2,670,249	CHESKIN, BARRY	2,693,906	CORTEZ, JEROME LIM	2,683,035
BYRNE, NORMAN R.	2,692,024	CHEVRON ORONITE		COSCARELLA, GABE	2,638,336
C. & V. ENGINEERING		COMPANY LLC	2,464,974	COSCARELLA, GABE	2,638,500
COMPANY PTY. LTD.	2,672,485	CHEVRON ORONITE		COSMO SPA	2,715,100
CABANAW, DANIEL MARTIN	2,761,259	COMPANY LLC	2,632,392	COTE, ADRIEN P.	2,781,330
CABLE, ALBERT BOYD	2,652,246	CHEVRON ORONITE S.A.	2,632,392	COUGHLIN, DANIEL	2,686,267
CAI, JUN	2,694,019	CHEYER, ADAM JOHN	2,793,743	COUNTS, DAVID	2,782,176
CALLIDA GENOMICS, INC.	2,555,962	CHIELLINI, ELISABETTA	2,683,672	COUTURE, GARY M.	2,574,864
CAM WINGET, NANCY	2,507,119	CHILDREN'S HOSPITAL		COUTURE, PIERRE-ANDRE	2,594,566
CANE, MICHAEL ROGER	2,684,283	MEDICAL CENTER	2,650,691	COX, STEPHEN JOHN	2,698,142
CAO, CHUNSHI	2,560,831	CHILDREN'S MEDICAL		CRANE, JESSE ADAM	2,713,535
CAREFUSION 207, INC.	2,688,366	CENTER CORPORATION	2,468,171	CRESPO MINANA, ANA	
CAREFUSION 303, INC.	2,654,728	CHILLAKURU, RAJEEV	2,682,744	CRISTINA	2,816,398
CARITEY, JEAN-PHILIPPE	2,626,739	CHIM, STEPHEN SIU CHUNG	2,601,735	CROOKE, HELEN RACHEL	2,481,186
CARLI, FABIO	2,683,672	CHIN, YA-HUEI	2,560,831	CROSSJECT	2,658,108
CARLINI, RINA	2,783,928	CHIU, ROSSA WAI KWUN	2,601,735	CROTTIE, EDWARD	
CARMAT	2,711,921	CHOI, JEEYON	2,779,928	THOMPSON	2,676,733
CARPENTIER, ALAIN	2,711,921	CHOONG, CHANG HIN	2,807,509	CROTTY, PATRICK J.	2,704,707
CASSEL, MARK	2,828,633	CHOPRA, NAVEEN	2,754,491	CROWLEY, MATTHEW	2,799,958
CATRIC, PASCAL	2,695,392	CHOPRA, NAVEEN	2,775,191	CROWN PACKAGING	
CELGENE CORPORATION	2,823,088	CHRETIEN, MICHELLE N.	2,727,504	TECHNOLOGY, INC.	2,665,477
CENTRE NATIONAL DE LA		CHRETIEN, MICHELLE N.	2,754,491	CRUMP, JOHN W.	2,823,735
RECHERCHE		CHRIST, FRANK	2,630,734	CRUTCHER, BERNARD C.	2,653,727
SCIENTIFIQUE (C.N.R.S.)	2,526,967	CHRISTENSEN, NATHAN G.	2,732,422	CSI TECHNOLOGIES, LLC	2,694,099
CENTRE NATIONAL DE LA		CHRISTENSEN, NEIL	2,480,008	CTS CASHPRO S.P.A.	2,641,848
RECHERCHE		CHROMEDX CORP.	2,876,445	CURIS, INC.	2,425,356
SCIENTIFIQUE	2,628,048	CHUEN HOW, NG	2,611,453	CURRAN, JAMIE	
CENTRE NATIONAL DE LA		CHURKO, RICK	2,590,990	CHRISTOPHER	2,693,890
RECHERCHE		CHUTER, TIMOTHY A.	2,659,848	CURRAN, NEAL JOSEPH	2,530,523
SCIENTIFIQUE-CNRS	2,642,874	CILAG GMBH		CYTEC TECHNOLOGY CORP.	2,684,493
CHAIMBAULT, CORINNE	2,613,752	INTERNATIONAL	2,695,413	D & D MANUFACTURING	2,775,956
CHAKRASALI, RAMAPPA	2,577,420	CISCO TECHNOLOGY, INC.	2,507,119	DAFOCOM SOLUTIONS INC.	2,590,758
CHALAWSKY, MATT	2,683,781	CLARK EQUIPMENT		DAGENAIS, MARIO	2,699,332
CHANCE, RONALD R.	2,688,560	COMPANY	2,596,487	DAHANAYAKE, MANILAL	2,696,312
CHANDRASEKHAR,		CLAYCAMP, DANIEL L.	2,718,931	DAHER AEROSPACE	2,638,226
PRASANNA	2,764,618	CLOUGH, PERRY H.	2,670,281	DAHLE, ARNE KRISTIAN	2,588,807
CHANG, YONG-DEOK	2,625,158	CODD, HELEN	2,648,815	DAHLEN, ERIK	2,667,185
CHAOUKI, JAMAL	2,831,401	CODY, JEREMY A.	2,686,267	DAI, QI	2,684,493
CHARVERON, MARIE	2,663,387	COHEN, MARLENE	2,573,271	DAK AMERICAS LLC	2,648,815
CHASE, KEVIN J.	2,831,614	COLBERT, MICHAEL SCOTT	2,768,789	DALAL, EDUL N.	2,727,504
CHAUVIN, GREGORY EMILE	2,870,592	COLEMAN, HUGH RICHARD	2,552,448	DALY, DANIEL T.	2,625,004
CHEF'N CORPORATION	2,690,352	COLGATE-PALMOLIVE		DALY, FRANCIS P.	2,560,831
CHEFALAS, THOMAS E.	2,637,046	COMPANY	2,710,583	DANISCO US INC.	2,675,272
CHELULE, KENNETH		COLGATE-PALMOLIVE		DANISCO US INC.	2,681,328
LANGAT	2,681,760	COMPANY	2,805,038	DARE-BRYAN, PETER	
CHEN, ANDREW XIAN	2,615,802	COLLINS, BRIAN EDWARD	2,682,744	CONRAN	2,687,488
CHEN, H-L, TONY	2,684,493	COLONNA, MARCO	2,715,100	DAS, RANADIP	2,666,425
CHEN, JIANLE	2,876,420	COMELY, ALEX	2,874,420	DAUTZENBERG, F.	2,645,060
CHEN, JIANLE	2,877,255	CONKLIN, CHARLES	2,611,070	DAVID, NATHANIEL E.	2,789,109
CHEN, KO-HUA	2,786,911	CONRAD, WAYNE E.	2,675,725	DAVIDSON, JIM	2,666,485
CHEN, ROGER	2,823,088	CONSEJO SUPERIOR DE		DAVILA, LUIS A.	2,670,561
CHEN, WEI-GE	2,610,595	INVESTIGACIONES		DAVIS, DEBORAH JEAN	2,801,806
CHEN, XIN	2,857,405	CIENTIFICAS	2,611,416	DAVIS, JAMES HILLARD	2,625,004
CHEN, YU-CHUN	2,786,911	CONTRERAS GOMEZ, MAR	2,611,416	DAYTON, CHRISTOPHER L.G.	2,676,412
CHENG, FRANCIS S.	2,831,614	CONTROL COMPONENTS,		DE CANNIERE, JEAN	2,535,344
CHENG, YANG	2,698,718	INC.	2,722,990	DE LUCCHI, OTTORINO	2,874,420
CHENG, YIYU	2,559,826	COOK MEDICAL		DE REYNAL, MICHEL	2,653,115
		TECHNOLOGIES LLC	2,659,848	DE SORBAY, AURELIE	2,696,718
				DEAL, STEPHEN E.	2,784,901

Index of Canadian Patents Issued October 6, 2015

DEBATIN, KLAUS	2,694,996	DOW GLOBAL		EHRlich, RODNEY P.	2,611,344
DEBINSKI, WALDEMAR	2,480,008	TECHNOLOGIES LLC	2,778,052	EICHINGER, JUERGEN	2,734,400
DECKLITE IP HOLDINGS LIMITED	2,727,151	DOW, ROBERT LEE	2,815,169	EINARSSON, FRIDFINNUR	2,671,972
DECKMAN, HARRY W.	2,688,560	DOWDY, ERIC DAVIS	2,549,606	EINARSSON, JON M.	2,611,453
DECOPPI, PAOLO	2,468,171	DRAPPEL, STEPHAN V.	2,775,191	EL-KADRI, BARAA	2,690,649
DEERE & COMPANY	2,627,776	DRAPPEL, STEPHAN V.	2,816,053	ELAOU, MONCEF	2,644,151
DEERE & COMPANY	2,713,535	DRESSER, INC.	2,587,988	ELC MANAGEMENT LLC	2,832,831
DEHENNAU, CLAUDE	2,535,344	DRESSER, INC.	2,676,733	ELECTROLUX HOME PRODUCTS, INC.	2,712,768
DEHMOUBED, FARZIN	2,745,644	DRILFORMANCE TECHNOLOGIES, LLC	2,780,515	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	2,779,928
DEKA PRODUCTS LIMITED PARTNERSHIP	2,641,569	DRMANAC, RADOJE T.	2,555,962	ELIASSON, DANIEL	2,667,185
DEKA PRODUCTS LIMITED PARTNERSHIP	2,679,585	DROUOT, CYRILLE	2,613,752	ELLAM, MATTHEW JAMES	2,686,126
DEKA PRODUCTS LIMITED PARTNERSHIP	2,679,616	DSM IP ASSETS B.V.	2,670,249	ELLENBERGER & POENSGEN GMBH	2,738,198
DELACY, STEVEN DOUGLAS	2,773,225	DUBEY, DHARMESH K.	2,809,146	ELLIOTT, DAVID E.	2,315,790
DELAMADELINE, FRANCOISE	2,780,586	DUBOIS, GILLES	2,597,941	ELLIS, EDWARD S.	2,636,918
DELINE, KENNETH E.	2,718,931	DUCE, JEFFREY LYNN	2,785,400	EMEL'JANOV, ALEKSEJ VIKTOROVICH	2,706,286
DELKOR PTY. LTD.	2,707,833	DUCHESNE, PERLA	2,632,392	EMEL'JANOV, JURIJ FIODOROVICH	2,706,286
DELLAPIETRA, BRUNO	2,629,268	DUDDING, ASHLEY T.	2,836,761	ENDRESS+HAUSER FLOWTEC AG	2,692,179
DELTA FAUCET COMPANY	2,676,976	DUDDING, ASHLEY THOMAS	2,683,035	ENDURA PRODUCTS, INC.	2,802,355
DELUCA, MICHAEL JOSEPH	2,759,721	DUDEK, HENRYK	2,425,356	ENI S.P.A.	2,672,962
DEMARCO, ALPHONSE	2,670,561	DUFILHO, PAUL WILLIAM	2,800,394	ENSOR, TIMOTHY J.	2,676,976
DEMARTIN, GREGORY J.	2,688,560	DUGUET, ETIENNE	2,526,967	ERB, UWE	2,800,381
DEMATIC CORP.	2,704,878	DUJOLS, VIRGINIE E.	2,501,144	ERLER, RENE-ARNDT	2,774,465
DENG, BO-LIANG	2,679,479	DUMAS, JACQUES	2,578,438	ERSHAG, BENGT-STURE	2,671,364
DEUTSCHES KREBSFORSCHUNGSZEN TRUM	2,710,928	DUNCAN, RICHARD J.	2,526,799	ERYTECH PHARMA	2,575,617
DEXTECH MEDICAL AB	2,719,295	DUNLEAVY, PATRICK	2,793,767	ESCH, VICTOR C.	2,693,906
DHANVANTARI, SAVITA	2,655,118	DUNNE, CHERYL LYNN	2,657,794	ESTEVE, GWENAEL	2,783,508
DHOLAKIA, KISHAN	2,688,341	DUNOUAU, CHRISTOPHE	2,663,387	ETHICON ENDO-SURGERY, INC.	2,582,838
DIAZ, DANIEL J.	2,587,988	DUNWOODY, PAUL	2,665,477	ETHICON, INC.	2,433,968
DIEDERICHSEN, ELKE	2,451,589	DUPONT NUTRITION BIOSCIENCES APS	2,584,511	EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADS FRANCE	2,719,130
DIEKS, HENRIK	2,660,636	DUQUETTE, STEVE	2,688,366	EVAN-ZOHAR, OSHRI	2,686,173
DILLAWAY, BLAIR B.	2,664,322	DUSS, MICHAEL	2,618,459	EVANS, GARY	2,782,176
DILYARD, RICKY L.	2,668,084	DUTTA, ASHUTOSH	2,612,406	EVANS, RICHARD LIVESEY	2,703,144
DINH, CONG THANH	2,735,489	DWYER INSTRUMENTS, INC.	2,728,872	EVERTZ MICROSYSTEMS LTD.	2,585,946
DINKEL, CRAIG	2,610,658	DYCK, DAVID PAUL	2,871,354	EVONIK DEGUSSA GMBH	2,615,315
DISCH, SASCHA	2,717,694	DYER, THOMAS JOSEPH	2,670,281	EXELIS INC.	2,679,371
DITZEL, EVERT JAN	2,684,536	DYSON TECHNOLOGY LIMITED	2,686,126	EXXONMOBIL CHEMICAL PATENTS INC.	2,801,806
DOBEN LIMITED	2,761,259	DYSON TECHNOLOGY LIMITED	2,807,509	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,636,177
DODD, CHADWICK EVERETT	2,823,751	DZEKAN, HORST	2,630,675	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,636,918
DODEY, PIERRE	2,620,662	E INK CORPORATION	2,720,091	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,688,560
DODGE, DAN	2,818,472	E. I. DU PONT DE NEMOURS AND COMPANY	2,669,940	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,686,526
DOLL, ALEXANDER	2,765,341	E. I. DU PONT DE NEMOURS AND COMPANY	2,669,979	EYUBOGLU, SAMI ABBAS	2,801,289
DOMOY, BRETT CHRISTOPHER	2,705,692	E. I. DU PONT DE NEMOURS AND COMPANY	2,812,975	F. HOFFMANN-LA ROCHE AG	2,626,984
DONNIS, PAOLO	2,641,848	EATON CORPORATION	2,673,241	F. HOFFMANN-LA ROCHE AG	2,662,998
DORGAN, PETER	2,856,688	EBERLEIN, ERNST	2,654,171		
DORSCH, DIETER	2,693,600	EBERLING-FUX, NICOLAS	2,849,600		
DOS SANTOS, ULYSSE S.	2,588,896	EDGE, STEPHEN W.	2,758,562		
DOTY, JAMES	2,535,344	EDWARDS LIFESCIENCES CORPORATION	2,646,481		
DOUCET, JOCELYN	2,831,401	EDWARDS LIFESCIENCES CORPORATION	2,666,485		
DOW AGROSCIENCES LCC	2,515,684	EDWARDS LIFESCIENCES CORPORATION	2,678,747		
DOW AGROSCIENCES LLC	2,673,663	EDWARDS LIFESCIENCES CORPORATION	2,653,445		
DOW AGROSCIENCES LLC	2,689,551	EDWARDS, WILLIAM M.	2,652,393		
DOW GLOBAL TECHNOLOGIES LLC	2,673,546	EGGENWEILER, HANS-MICHAEL	2,817,151		
DOW GLOBAL TECHNOLOGIES LLC	2,778,022	EGLIN, PAUL	2,578,438		
		EHRlich, PAUL			

**Index des brevets canadiens délivrés
6 octobre 2015**

F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A.	2,874,420	FRANCE TELECOM	2,677,206	GAMBRO LUNDIA AB	2,734,400
FAABERG, KAY S.	2,611,820	FRANCIS, JULIE ANN	2,659,074	GAN, YI MIN	2,606,911
FABIAN, MARTIN	2,788,833	FRANK'S INTERNATIONAL, LLC	2,687,066	GANE, PATRICK A. C.	2,679,248
FACCHINI, DIANA	2,800,381	FRANK, ROBERT P.	2,703,755	GANE, PATRICK A.C.	2,679,356
FAERBER, NIKOLAUS	2,773,878	FRANKEN, BERNHARD	2,681,774	GANO, DON	2,757,006
FAGLEY, WALTER STONE THOMAS, IV	2,814,239	FRANTZ, NOLAN ZEBULON	2,750,140	GANTENBEIN, DANIEL	2,679,248
FAGO, FRANK M.	2,600,678	FRANZ, HOLGER	2,799,958	GANTENBEIN, DANIEL	2,679,356
FAHRIG, RUDOLF	2,660,636	FRANZ, PETER	2,694,383	GAO, MIN	2,698,365
FAIR, CHRISTOPHER L.	2,834,582	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,654,171	GARDNER, ROBERT MATTHEW	2,634,583
FAJARDO, VICTOR	2,612,406	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,773,878	GARRISON, ROBBI J.	2,673,663
FALK, BENJAMIN	2,805,629	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,778,325	GARVEY, BEN	2,870,592
FANG, NICHOLAS J.	2,652,046	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,717,694	GATES, HOLLY G.	2,720,091
FARAGHER, CHAD	2,662,422	FREITAS, STEPHEN G.	2,722,990	GAVAN, PAULINE THERESA	2,680,511
FARMTEK PTY LTD	2,600,885	FREY, STEPHAN-MICHAEL	2,626,984	GAYEK, PETER W.	2,637,046
FARNAM COMPANIES, INC.	2,615,802	FREY, THILO	2,814,079	GAYER, MARC	2,778,325
FARRUGIA, VALERIE M.	2,727,504	FRIEND, WILLIAM D., JR.	2,814,239	GAYNOR, ROGER E.	2,741,917
FAUST, MICHAEL PAUL	2,713,535	FRIES, ROBERT M.	2,649,404	GBD CORP.	2,675,725
FEECHAN, MICHAEL	2,621,046	FRIESEN, DICK EDWARD	2,789,618	GE OIL & GAS UK LIMITED	2,641,381
FEIGHT, LAURENCE VIRGIL	2,773,683	FRISKY, SEAN	2,590,990	GE, CHUANSHENG	2,823,088
FELDMAN, ROBERT GRAHAM	2,481,186	FRITSCH, DALE ALLEN	2,823,751	GEF HOLDINGS PTY LTD	2,552,448
FERDERER, JAKE TYLER	2,739,259	FU, SHAO-WEI	2,635,431	GEHLING, STEVEN CRAIG	2,690,876
FERNANDO, SAMAN	2,552,448	FUCHS, ALOIS	2,735,270	GELETNEKY, KARSTEN	2,710,928
FERRANO, GERT	2,762,386	FUCHS, GUILLAUME	2,717,694	GELEZIUNAS, ROMAS	2,567,030
FERRARI, CLARK	2,874,420	FUCHS, GUILLAUME	2,778,325	GENERAL MILLS MARKETING, INC.	2,704,665
FERRARI, MICHAEL GUERCIO	2,730,282	FUCHSHUBER, LILIAN	2,647,127	GENESTE, NICOLAS	2,783,508
FERRAZZINI, AXEL	2,690,649	FUJII, TAKAHIRO	2,815,012	GENIS HF	2,611,453
FETHERSTON, DANIEL	2,718,931	FUJII, TAKASHI	2,753,286	GEORG, I. GUNDA	2,577,420
FIBERSPAR CORPORATION	2,621,046	FUJITA, REIKO	2,846,932	GEORGE, NEIL	2,680,511
FIELDER, LANCE I.	2,799,958	FUJITSU LIMITED	2,694,090	GEORGE, RICHARD	2,626,353
FILATOV, ANDREY VASILYEVIKH	2,827,394	FULLER, TROY E.	2,815,763	GERARD, DANIEL E.	2,679,248
FINISHES UNLIMITED, INC.	2,629,952	FUNK-DANIELSON, BRENDA K.	2,830,000	GERBER, MARKUS	2,687,126
FINK, E. DAVID	2,765,455	FURANIX TECHNOLOGIES B.V.	2,645,060	GIANNONI FRANCE	2,707,274
FINNERTY, CAINE	2,694,019	FURMAN, GARY S.	2,739,324	GIANNONI, ROCCO	2,707,274
FISCHER, LAURENT BERNARD	2,670,097	FUSHIMI, HIROYUKI	2,831,550	GIERAK, JACQUES	2,642,874
FISCHER, SVEN	2,758,562	FYKE, STEVEN H.	2,705,170	GIESECKE & DEVRIENT GMBH	2,694,383
FISHBEIN, CHRISTOPHER G.	2,630,005	GABELBERGER, JOSEF	2,711,028	GILEAD SCIENCES, INC.	2,549,606
FISHER CONTROLS INTERNATIONAL LLC	2,695,789	GADE, MAHESH	2,695,789	GILGEN, ROLF	2,774,465
FISHER, JOHN	2,808,478	GAL, FLORENT	2,695,392	GILLIS, SEAN	2,780,515
FISHER, MONTE K.	2,654,728	GALDERMA RESEARCH & DEVELOPMENT	2,780,586	GILPATRICK, WILLIAM	2,767,731
FITZGERALD, SEAN P.	2,560,831	GALE, JONATHAN	2,686,267	GINGRAS, DAVID	2,594,566
FLEETWOOD RV, INC.	2,759,640	GALHARDO, FLAVIO DA SILVA	2,676,412	GINTHER, DEVIN C.	2,683,175
FLEISCHHACKER, GERALD F.	2,714,343	GALLO, MICHAEL	2,721,231	GIRARDO, FRANCESCO	2,692,654
FLEXNER, JOHN LINDSEY	2,812,975	GALVAGNI, MARCO	2,874,420	GISLASON, JOHANNES	2,611,453
FLOLID, GREGORY WILLIAM	2,530,523			GLASER, MATTHIAS EBERHARD	2,589,136
FLUOR TECHNOLOGIES CORPORATION	2,684,083			GLAZIER, VALERIE	2,619,624
FMC TECHNOLOGIES SA	2,713,203			GLENMARK PHARMACEUTICALS, S.A.	2,756,536
FOCH, HENRI	2,628,048			GODFRIN, YANN	2,575,617
FOGAL, STEFANO	2,874,420			GOLDFAIN, ERVIN	2,818,152
FOQUET, MATHIEU	2,642,258			GOLDHAWK, DONNA E.	2,655,118
FORET PLASMA LABS, LLC	2,648,472			GOLDSTEIN, DAVID MICHAEL	2,662,998
FORET, TODD	2,648,472			GOLOVCHENKO, MYKOLA	2,730,678
FOREVER YOUNG INTERNATIONAL, INC.	2,804,243			GOMEZ RUIZ, JOSE ANGEL	2,611,416
FORREST, CHRISTOPHER W.	2,836,761			GONG, LEYI	2,662,998
FORREST, JAMES	2,680,511			GONZALEZ ALONSO, SUSANA	2,816,398
FOUCHER, BRUNO	2,719,130			GONZALEZ ALVAREZ, AZUCENA	2,816,398
FRAENKEL, PETER LEONARD	2,604,123				
FRAHM, SOREN XERXES	2,716,319				

Index of Canadian Patents Issued October 6, 2015

GONZALEZ MIGUEL, PABLO	2,816,398	HALL, LANCE C.	2,698,365	HEROLD, ANDREA	2,615,315
GONZALEZ, JAVIER	2,711,580	HALL, LINDSEY	2,676,976	HESS, DAVID	2,638,539
GOODALL, JOHN PATRICK	2,730,282	HALLIBURTON ENERGY		HESSE, DAVID J.	2,560,831
GOODRIDGE, RICHARD JOHN	2,687,488	SERVICES, INC.	2,801,289	HEUBERGER, ALBERT	2,654,171
GOOGLE INC.	2,765,956	HALLIBURTON ENERGY		HEUER, MARVIN A.	2,577,963
GOREDEMA, ADELA	2,783,928	SERVICES, INC.	2,810,196	HEUFT, MATTHEW A.	2,781,330
GORMAN, ANN JESSICA	2,433,968	HALLUNDBAEK, JORGEN	2,682,040	HICKS, DONALD C.	2,773,683
GOTO, KUNIO	2,816,260	HAMILTON, MATTHEW	2,627,358	HIGASHI, KOJI	2,796,753
GOULD, RACHAEL A. T.	2,671,772	HAMILTON, ROBERT JOHN	2,698,142	HIGGINS, SEAN JOSEPH	2,707,934
GOULET, MIKE T.	2,670,281	HAMMERSMITH IMANET		HIGH POINT	
GOURET, MATHIEU	2,786,397	LIMITED	2,589,136	PHARMACEUTICALS,	
GOURGUES, JEAN-ELIE	2,711,921	HAN, JUN	2,611,820	LLC	2,659,570
GOUTEBROZE, SYLVAIN		HAN, JUN	2,636,177	HILL'S PET NUTRITION, INC.	2,685,875
GABRIEL	2,481,186	HAN, STEVE	2,688,366	HILL'S PET NUTRITION, INC.	2,750,140
GRAABAOK, PETER	2,682,040	HAN, WOO-JIN	2,877,255	HILL'S PET NUTRITION, INC.	2,823,751
GRADEK, MICHAEL	2,742,510	HANADA, KEIGO	2,675,622	HILL, DAVID	2,655,118
GRAHAM, CHRISTOPHER J.	2,702,426	HANCOCK, STEPHEN S.	2,753,385	HILPERT, JEAN-JACQUES	2,683,118
GRAMOLL, BRIAN R.	2,703,755	HANGAUER, DAVID G., JR.	2,686,267	HIRANO, SHIGERU	2,842,910
GRAPHIC PACKAGING		HANSON, CEDRIC CHARLES	2,659,657	HIRASAWA, KAZUAKI	2,751,036
INTERNATIONAL, INC.	2,767,731	HANSON, DANIEL J.	2,705,170	HIROSHIMA, TETSU	2,818,922
GRAPHIC PACKAGING		HANSON, DANIEL JAMES	2,695,069	HITACHI, LTD.	2,807,708
INTERNATIONAL, INC.	2,774,830	HARAN, FRANK M.	2,588,896	HJORT, KEVIN JAMES	2,774,830
GRAY, LARRY B.	2,641,569	HARDIN, JOHN W.	2,617,469	HO, ALBERT SING	2,669,011
GREATBATCH LTD.	2,619,624	HARE, COLIN IRWIN	2,686,126	HOCHLAND SE	2,809,190
GREGORY, LEE	2,680,511	HARFST, MIKE	2,666,833	HODOS, VALENTINE	
GREYSHOCK, SHAWN T.	2,651,788	HARGREAVES, SHAWN	2,681,842	ANTONIO	2,788,833
GRIEBEL, CHRISTIAN	2,778,325	HARJUA, JOHN A.	2,588,896	HODUL, RASTISLAV	2,523,394
GRIFFITH, DAVID ANDREW	2,815,169	HARRIS, JENSEN M.	2,512,102	HOECKER, RAINER	2,692,179
GRIMME, MARC	2,711,921	HARRISON, KEVIN RICHARD	2,648,815	HOHLWEG, ROLF	2,659,570
GRISPO, KEITH M.	2,600,678	HARTLEY, DAVID ERNEST	2,659,848	HOLCOMB, DAVID A.	2,690,352
GRISWOLD, CHAUNCEY W.	2,538,776	HARTUNG, INGO	2,657,062	HOLDENER, HUBERT	2,698,840
GRISWOLD, VICTOR J.	2,507,119	HASEGAWA, SHIN	2,831,550	HOLE IN ONE PRODUCER AS	2,701,849
GROOTENHUIS, PETER D. J.	2,627,358	HASHIMURA, MASAYUKI	2,757,393	HOLMBERG, ANDERS	2,719,295
GROUND EFFECTS		HASSAN, AMER A.	2,646,622	HOLMEIDE, ANNE KRISTIN	2,607,247
ENVIRONMENTAL		HATHCOCK, LANCE S.	2,617,469	HOLMSTADT, CLARENCE	2,801,464
SERVICES INC.	2,590,990	HAUKAAS, INGE	2,812,561	HOLSTEN, HENRY E.	2,636,976
GRUTER, GERARDUS		HAWES, CHRISTOPHER		HONDA MOTOR CO., LTD.	2,540,462
JOHANNES MARIA	2,645,060	MARTIN	2,740,729	HONDA MOTOR CO., LTD.	2,772,802
GUECKEL, CHRISTIAN J.	2,697,818	HBW-GUBESCH		HONEYWELL	
GUEDEL GROUP AG	2,687,126	THERMOFORMING		INTERNATIONAL INC.	2,588,896
GUEHRING OHG	2,687,299	GMBH	2,582,807	HONEYWELL	
GUENZEL, GERALD	2,725,913	HE, JIN	2,491,310	INTERNATIONAL INC.	2,652,246
GUIRAKHOO, FARSHAD	2,473,321	HEAGLE, DAVID	2,765,455	HONG, LIANG	2,778,052
GULDENFELS, DIETER	2,687,826	HEANEY, DAVID	2,727,151	HONG, PETER	2,765,956
GUO, JIAN XIN	2,433,968	HEAT AND CONTROL, INC.	2,691,744	HOP, JORUND	2,712,981
GUO, NA	2,857,405	HEERMANN, MARYN	2,690,881	HOPKINS, DEREK	2,689,551
GUO, XIN	2,696,430	HEIDECHE, KARSTEN	2,819,812	HORSTMANN, MICHAEL	2,630,675
GUPTA, DIPANKAR	2,683,781	HEILMAN, LAURA LYNN	2,838,385	HOSTETTLER, BERNHARD	2,710,372
GUPTA, MANJU	2,515,684	HEIMBERGER, TANJA	2,710,928	HOUGH, WHITNEY L.	2,625,004
GUTIERREZ, FRANCISCO M.	2,587,988	HEINRICH, JOERG-		HOUSTON, JEFFREY W.	2,683,781
GUZZO, PETER R.	2,573,271	CHRISTIAN	2,660,636	HOVANG, DAN	2,753,286
GUZZONI, DIDIER RENE	2,793,743	HEITNER, HOWARD I.	2,684,493	HOVORKA, GEORGE	2,822,163
HA, THINH	2,782,935	HEITZLER, JEAN-CLAUDE	2,706,504	HRUBOWCHAK, DAVID M.	2,624,733
HAAS, ULRICH JOHANNES	2,842,883	HELENIAK, TOD	2,638,539	HSIEH, BING R.	2,816,053
HABASIT AG	2,687,826	HENDREN, GARY LEE	2,669,940	HSNI, LLC	2,763,713
HADIDA RUAH, SARA	2,627,358	HENDREN, GARY LEE	2,669,979	HU, AIGUO	2,617,736
HAEFNER, STEFAN	2,615,315	HENDRICKSON USA, L.L.C.	2,683,035	HU, RUIZHONG	2,599,418
HAEHNER, EDGAR	2,681,220	HENDRICKSON USA, L.L.C.	2,836,761	HU, XUEYI	2,515,684
HAGIWARA, JUNICHIRO	2,808,522	HENLE, ROLAND	2,734,400	HUAWEI TECHNOLOGIES	
HAGLEITNER, HANS GEORG	2,816,215	HEPFINGER, JOHN M.	2,832,118	CO., LTD.	2,773,309
HAIRSTON, RONALD JAMES	2,587,988	HEPWORTH, RICHARD	2,828,633	HUBBELL INCORPORATED	2,653,727
HALBERT, DONALD	2,654,728	HERAKLES	2,849,600	HUBER, JEROME	2,694,996
HALBERT, THOMAS RISHER	2,636,177	HERANDEZ LEDESMA,		HUBER, WALTER C.	2,637,046
HALE, TIM	2,606,388	BLANCA	2,611,416	HUDSON, JON	2,773,225

**Index des brevets canadiens délivrés
6 octobre 2015**

HUITEMA, CHRISTIAN	2,646,622	INTERNATIONAL BUSINESS	JOMARD, ANDRE	2,780,586
HUME, AL	2,629,826	MACHINES	JONES, GRAEME S.	2,819,704
HURLEY, THOMAS J.	2,823,735	CORPORATION	JONES, LAWRENCE B.	2,782,981
HUTCHINS, RICHARD D.	2,802,598	INTERNATIONAL BUSINESS	JONES, THOMAS G.	2,759,640
HVICHIA, GEORGE	2,782,176	MACHINES	JONES, WILLIAM J.	2,673,241
HYDREXIA PTY LIMITED	2,588,807	CORPORATION	JOSSEM, ADAM A.	2,690,352
IBARZ RIC, GEMMA	2,816,398	INTERNATIONAL BUSINESS	JOST, DUSTIN	2,810,925
ICHIHASHI, MASAMITSU	2,832,831	MACHINES	JOVANCICEVIC, VLADIMIR	2,798,515
CHIKAWA, YASUSHI	2,820,633	CORPORATION	JUDD, BRIAN	2,725,135
IDA, JUNKO M.	2,560,831	INTERNATIONAL INSTITUTE	JUKARAINEN, HARRI	2,675,585
IDAHO TECHNOLOGY, INC.	2,501,144	OF CANCER	JUNG, HAE-KYUNG	2,857,833
IDZIK, JACEK S.	2,684,963	IMMUNOLOGY, INC.	JUNG, HAE-KYUNG	2,876,420
IFTIME, GABRIEL	2,816,049	INVACARE CORPORATION	JUNG, HAE-KYUNG	2,877,255
IGT	2,538,776	INVACARE CORPORATION	JUNG, TOBIAS	2,630,675
IGT	2,613,629	INVENTIVA	JX NIPPON OIL & ENERGY	
IHI CORPORATION	2,836,047	IRVIN, WILLIAM	CORPORATION	2,751,036
IIZUKA, TAKAO	2,838,364	IRVINE, DARRELL J.	K, UMA	2,666,425
IKEDA, TOSHIYA	2,723,075	ISBESTER, PAUL K.	K.U. LEUVEN RESEARCH &	
IKEZOE, KEIGO	2,820,633	ISF GMBH	DEVELOPMENT	2,549,606
ILLINOIS TOOL WORKS INC.	2,753,689	ISHII, HIDEYUKI	KABESHITA, YUTAKA	2,838,386
ILLINOIS TOOL WORKS INC.	2,790,826	ISHII, YUSUKE	KABUSHIKI KAISHA	
ILLYCAFFE' S.P.A.	2,629,268	ISRAELS, RAFEL	TOSHIBA	2,612,406
ILUMISYS, INC.	2,703,925	IVEY, JOHN	KABUSHIKI KAISHA	
IMAGINE COMMUNICATIONS		IWAMURA, MIKIO	TOSHIBA	2,644,151
CORP.	2,662,422	J.J. MACKAY CANADA	KABUSHIKI KAISHA	
INAGAWA, KATSUYOSHI	2,838,364	LIMITED	TOSHIBA	2,793,165
INCORVIA, SAMUEL A.	2,823,735	JACOBS, BARRY	KABUSHIKI KAISHA	
INCYTE HOLDINGS		JAIN, VINIT	TOSHIBA	2,846,932
CORPORATION	2,689,158	JAKKARAJ, SUDHAKAR RAO	KAFYEKE, FASSI	2,719,163
INEOS NOVA		JAKKS PACIFIC, INC.	KAGAMI, FUMIO	2,815,012
INTERNATIONAL SA	2,687,014	JAKUBIK, PATRICIA A.	KAHL, ROLF-DIETER	2,697,720
INFLOW SYSTEMS INC.	2,871,354	JALAN, SRIKANT	KAIDA, HIDETOSHI	2,807,118
INGHAM, EILEEN	2,808,478	JAMES, JOHN R.	KAMEN, DEAN	2,641,569
INGRAM, GARY D.	2,814,239	JAMOT, LAURE	KAMINSKY, DAVID LOUIS	2,659,038
INGRAM, ROBERT KEITH	2,600,885	JANJUA, RAFIQUE	KANAMURA, SHOHEI	2,846,932
INI POWER SYSTEMS, INC.	2,865,806	JANOSI, LEVENTE	KANE, DEREK G.	2,641,569
INIT INNOVATIVE		JDS UNIPHASE	KANG, BINGQIANG	2,857,405
INFORMATIKANWENDU		CORPORATION	KANG, JASPAL SINGH	2,721,231
NGEN IN TRANSPORT-		JEAN, GREGORY	KANNAPPEL, TIMOTHY H.	2,526,799
VERKEHRS-UND		JENNINGS, DOUGLAS IVAN	KARAVANOV, IRINA	2,425,356
LEITSYSTEMEN GMBH	2,735,270	JEONG, HAE-JOO	KARP, JAMES	2,704,707
INNOVATIVE TARGETING		JEONG, JIN-HEE	KAWAMATA, MASAYUKI	2,793,165
SOLUTIONS INC.	2,721,231	JESS, PHILIPP RONALD	KAWASAKI, TOMOYUKI	2,793,165
INSTITUT FRANCAIS DU		THOMAS	KAWASAKI, YOSHIHIRO	2,694,090
PETROLE	2,672,962	JFE STEEL CORPORATION	KAYABA INDUSTRY CO.,	
INSTITUTO MEXICANO DEL		JI, JIANXIN	LTD.	2,850,477
PETROLEO	2,682,430	JI, KUM-RAN	KCI LICENSING INC.	2,683,175
INTEGRA LIFESCIENCES		JIANG, FAN	KEANE, MICHAEL	2,711,028
CORPORATION	2,818,152	JIN, JU-YOUNG	KEIP, CEDRIC	2,654,171
INTEGRAN TECHNOLOGIES	2,800,381	JIN, SHENGWEN	KELLERMANN, CHRISTIAN	2,773,878
INTERNATIONAL BUSINESS		JMW CO., LTD.	KELLEY, BRUCE T.	2,688,560
MACHINES		JO, SEONGBONG	KELLIHER, ADAM	2,815,298
CORPORATION	2,602,789	JOHN, SILVESTER	KENNEDY, JAMES	2,721,238
INTERNATIONAL BUSINESS		JOHNS, PAUL W.	KENNEDY, MICHAEL J.	2,815,763
MACHINES		JOHNSON & JOHNSON	KENNEDY, PHILIP T.	2,483,610
CORPORATION	2,606,911	VISION CARE, INC.	KENSCH, OLIVER	2,584,511
INTERNATIONAL BUSINESS		JOHNSON, ANDREW R.	KENSY, FRANK	2,563,001
MACHINES		JOHNSON, BRADLEY R.	KEOSHKERIAN, BARKEV	2,727,504
CORPORATION	2,636,239	JOHNSON, CHARLES W.	KEOSHKERIAN, BARKEV	2,754,491
INTERNATIONAL BUSINESS		JOHNSON, GERARD C.	KERO, MARKKU	2,711,306
MACHINES		JOHNSON, KRISTIN D.	KERSEY, ALAN D.	2,740,053
CORPORATION	2,637,046	JOHNSON, MITCH	KERWIN, JOHN M.	2,641,569
		JOHNSON, MITCH	KESLER, JAMES R.	2,773,683
		JOHNSTON, SCOTT ROBERT	KESSLER, CALVIN	2,801,289

**Index of Canadian Patents Issued
October 6, 2015**

KETTLING, ULRICH	2,584,511	KRAFT FOODS GROUP		LEE, RANDALL	2,711,028
KETTSCHAU, GEORG	2,657,062	BRANDS LLC	2,638,539	LEE, RICHARD T.	2,484,897
KEYS, CHRISTOPHER		KRAPP, MICHAEL	2,659,164	LEE, SANG-RAE	2,876,420
EDWARD	2,711,306	KRASNOR, CARL E.	2,819,704	LEE, SEUNG-YUB	2,684,594
KEZIOS, PETER S.	2,648,815	KRESSMANN, FRANK	2,765,341	LEE, SOK-KYU	2,779,928
KHAIRATKAR-JOSHI,		KRIESELS, PETRUS		LEE, TAMMY	2,877,255
NEELIMA	2,756,536	CORNELIS	2,669,312	LEECH, NICHOLAS A.	2,838,386
KHAN, SUBHOTOSH	2,669,940	KRINGLE PHARMA, INC.	2,675,622	LEFLER, MIHAIL NOEHOVICH	2,706,286
KHAN, SUBHOTOSH	2,669,979	KROCHMAL, ANDREW	2,802,355	LEGEN, IGOR	2,654,890
KHO, CEDRIC	2,719,163	KRUEGER, MARTIN	2,657,062	LEGENDRE, CHRISTIANE	2,620,662
KIBLER, ALLMAR	2,659,164	KUBOTA, MANABU	2,757,393	LEHRNER, PATRIK	2,637,046
KIDDER, ALLISON M.	2,619,624	KUBOTA, YUKIHIKO	2,679,300	LEICA GEOSYSTEMS AG	2,762,386
KIEST, LARRY W., JR.	2,824,261	KUEHN, HARTMUT	2,778,022	LEICA GEOSYSTEMS AG	2,811,444
KIKUCHI, TAKEYASU	2,796,753	KUEHNEL, THOMAS	2,646,622	LEINONEN, RAINER	2,711,306
KIM, CHOUNG U.	2,549,606	KULIK, SERGEY		LEISURE, GARY L.	2,668,084
KIM, IL-KOO	2,857,833	VASILYEVICH	2,827,394	LEK PHARMACEUTICALS	
KIM, IL-KOO	2,876,420	KUMAR, SUKEERTHI	2,756,536	D.D.	2,654,890
KIM, JONG-HUN	2,625,158	KUMAR, SURESH	2,739,259	LEMMER, ANDREAS	2,689,340
KIM, JOON-SOO	2,625,158	KUMAR, VIJAY	2,584,511	LEONG, GREG	2,773,225
KIMBERLY-CLARK		KUMMETER, MARKUS	2,697,720	LEONG, WAIHONG	2,690,876
WORLDWIDE, INC.	2,670,281	KUMMLEE, HORST	2,825,449	LERNER, DANIEL MAURICE	2,686,737
KIMBERLY-CLARK		KURMAN, ERIC WILLIAM	2,630,641	LESEBERG, ROGER W.	2,818,152
WORLDWIDE, INC.	2,690,876	KUROSE, KOUHEI	2,807,118	LEUE, PERCY	2,698,840
KIMURA, SHIGENOBU	2,806,961	KUSKO, DAVID JOHN	2,686,737	LEUTHNER, BIRGITTA	2,584,511
KINEX PHARMACEUTICALS,		KWASNY, HANS-PETER	2,711,469	LEVEAUX, MARC	2,711,580
LLC	2,686,267	KWON, HYUK TAE	2,790,767	LEVEX CORPORATION	2,805,369
KING SAUD UNIVERSITY	2,765,436	KWON, YONG-SIK	2,625,158	LEVIT, MIKHAIL R.	2,669,940
KINOSHITA, MASAHIRO	2,780,434	KYTHERA		LEVIT, MIKHAIL R.	2,669,979
KIPRIJANOVA, IRINA	2,710,928	BIOPHARMACEUTICALS,		LI, JASON J.	2,624,733
KITO CORPORATION	2,818,922	INC.	2,789,109	LI, JING	2,810,196
KLAMCZYNSKI, KATHARINE	2,695,417	LABORATORIOS DEL DR.		LI, MIAN	2,681,328
KLEINER, GILBERT	2,687,299	ESTEVE, S.A.	2,771,665	LI, RONG-HAO	2,490,399
KLOPPROGGE, CORINNA	2,615,315	LACROIX, YVES	2,642,258	LI, XIANGYANG	2,667,888
KNITEL, JOSEPH THEODOOR	2,595,903	LAFFERTY, TERRENCE		LI, XIAOHONG	2,560,831
KNUDSEN, TED	2,732,744	PHILIP	2,774,830	LI, YUFU	2,809,146
KOBAYASHI, MASATO	2,814,626	LAGA, BENJAMIN	2,451,589	LIANG, CONGXIN	2,675,755
KOCZO, KALMAN	2,805,629	LAGACE, DENIS	2,804,838	LIBIN, PHIL	2,585,727
KOENIG, GUNNAR	2,812,561	LAHM, GEORGE PHILIP	2,812,975	LIEBEL-FLARSHEIM	
KOHL, OLIVER	2,693,890	LAI, JIANYAN	2,820,418	COMPANY LLC	2,600,678
KOHLI, RAJNISH	2,710,583	LANDMARK GRAPHICS		LIENEMANN, TREVOR L.	2,639,174
KOHN, JOACHIM	2,665,846	CORPORATION	2,774,170	LIENHART, WERNER	2,811,444
KOLAR, DAVID J.	2,680,565	LANG, CHRISTINE	2,639,961	LIFETIME PRODUCTS, INC.	2,815,696
KOLBET, RANDALL A.	2,622,692	LANG, RICHARD CHARLES	2,617,861	LIFETIME PRODUCTS, INC.	2,819,025
KOLECKI, JOSEPH M.	2,788,833	LANGLOIS, MARC	2,719,163	LIGHTWAVES SYSTEMS, INC.	2,483,610
KOLTERMANN, ANDRE	2,584,511	LANIER, GREGORY R.	2,679,585	LIIMATTA, ERIC W.	2,591,197
KOLTZ, MICHAEL L., JR.	2,834,582	LARSON, CHAD M.	2,828,676	LIN, FENG-HUEI	2,786,911
KONE CORPORATION	2,704,206	LAS, ERIC HENDRIKUS		LIST, HANS	2,626,984
KONIECZNY-JANDA,		ENGELBERTUS	2,687,014	LISTENBERGER, ERIC D.	2,618,918
GERHARD	2,681,328	LAURIENZO, DOMINIC	2,773,225	LIU, GONGPING	2,611,820
KONINKLIJKE DOUWE		LAY, MICHAEL	2,603,395	LIU, SHUANG	2,573,271
EGBERTS B.V.	2,595,903	LE DOCTE, THIERRY		LIU, YILU	2,634,583
KONNO, TAKESHI	2,540,462	JACQUES ALBERT	2,696,792	LMK TECHNOLOGIES, LLC	2,824,261
KOOISTRA, KENNETH J.	2,704,878	LE GROS, FRANCOIS-XAVIER	2,481,186	LO, HO YIN	2,696,430
KOOTTUNGAL, PAUL D.	2,676,976	LE MER, JOSEPH	2,707,274	LO, KIN-MING	2,635,618
KOPECKY, JAN	2,607,247	LEBING, WYTOLD R.	2,676,074	LO, YUK-MING DENNIS	2,601,735
KOTZUR, NORBERT	2,811,444	LEE CHI WAI, DENNIS	2,773,225	LOHMANN, DIETER	2,660,636
KOU, YANG	2,704,665	LEE, DALSU	2,626,353	LONG, RICHARD	2,560,831
KOUKINE, ANTON		LEE, DONALD I.	2,792,009	LOONEY, DWAYNE LEE	2,433,968
VALERIEVICH	2,707,934	LEE, DOUG C.	2,676,074	LOORI, PHILLIP	2,822,163
KOYANAGI, KIMIYUKI	2,780,434	LEE, FRANK P.	2,816,049	LOPEZ EXPOSITO, IVAN	2,611,416
KOZAWA, SHUJI	2,757,393	LEE, FRANK P.	2,816,053	LOPEZ SALINAS, ESTEBAN	2,682,430
KRAFT FOODS GROUP		LEE, JAE-CHOO	2,876,420	LOSTOCCO, MICHAEL R.	2,670,281
BRANDS LLC	2,595,394	LEE, JUSTIN	2,590,990	LOVETT, JERRY MICHAEL	2,683,035
		LEE, KYO-HYUK	2,876,420	LOWE, DAVID MICHAEL	2,636,177

**Index des brevets canadiens délivrés
6 octobre 2015**

LOWE, DAVID MICHAEL	2,636,918	MATHIS, MILT D.	2,814,008	MERCK PATENT	
LOWERY, DAVID E.	2,815,763	MATSUI, MARY S.	2,832,831	GESELLSCHAFT MIT	
LTS LOHMANN THERAPIE-		MATSUI, SO	2,502,663	BESCHRAEKTER	
SYSTEME AG	2,630,675	MATTICE, HAROLD E.	2,538,776	HAFTUNG	2,635,618
LUCCHI, MARCO	2,687,826	MATTSSON, VEIKKO	2,704,206	MERCK PATENT	
LUECKING, ULRICH	2,657,062	MAUS, JOACHIM	2,708,559	GESELLSCHAFT MIT	
LUNDQUIST, PAUL	2,642,258	MAXHAM, MARK	2,642,258	BESCHRAENKTER	
MAANINEN, ARTO	2,684,916	MAY, DARRELL	2,541,619	HAFTUNG	2,652,393
MAANINEN, TIINA	2,684,916	MAY, JUSTIN J.	2,628,076	MERCK PATENT	
MACARTHUR, BENJAMIN B.	2,772,802	MAY, RENA	2,626,238	GESELLSCHAFT MIT	
MACDOUGALL, TOM	2,713,326	MAYRHUBER, ELISABETH	2,689,340	BESCHRAENKTER	
MACKAY, GEORGE ALLAN	2,870,592	MAZANEC, TERRY	2,560,831	HAFTUNG	2,693,600
MAGDALINIS, AURELIAN		MAZER, TERRENCE B.	2,756,524	MERCK SHARP & DOHME	
VALERIU	2,816,049	MAZILU, MICHAEL	2,688,341	CORP.	2,567,030
MAGDALINIS, AURELIAN		MAZURKIEWICZ, TIMOTHY		MERIAL LIMITED	2,670,097
VALERIU	2,816,053	M.	2,731,319	MERIAL LLC	2,481,186
MAGNETI MARELLI COPAF		MCBRIDE BELTING & HOSE		MERZ, FRANCOIS	2,669,597
COMPANHIA		LTD.	2,629,051	MESSERSCHMID, UWE	2,706,374
FABRICADORA DE		MCBRIDE, RANDY GARTH	2,629,051	MESSIER-BUGATTI-DOWTY	2,786,397
PECAS	2,706,127	MCCAFFERTY, JIM	2,773,225	MESSIER-BUGATTI-DOWTY	2,793,767
MAGOTTEAUX		MCCARTNEY, JASON	2,627,358	MESSIER-DOWTY LIMITED	2,617,861
INTERNATIONAL S.A.	2,743,744	MCCLELLAND, JAMES M., JR.	2,835,386	METELEV, YURY	
MAHMOOD, NADIR		MCCONNACHIE, JONATHAN		ALEKSEEVICH	2,827,394
AHMEDUDDIN	2,789,109	MARTIN	2,636,177	METHA, PRAKASH	
MAIDA, JOHN L.	2,740,053	MCCOURT, MARK D.	2,749,345	VITHALDAS	2,656,793
MAINARDI, RICHARD	2,635,431	MCCREARY, CHERYL R.	2,655,118	METIUS, GARY E.	2,835,386
MAJ, TOMASZ	2,635,431	MCDEVITT, JOHN	2,763,713	METTLER-TOLEDO, LLC	2,755,349
MALENKE, MARK	2,638,539	MCDONALD, JOHN	2,632,392	MEURET, REGIS	2,597,941
MALEVILLE, THIERRY JEAN	2,719,351	MCE-5 DEVELOPMENT	2,681,616	MEYERS, DAVID O.	2,828,351
MALEVILLE, THIERRY JEAN	2,719,352	MCELHINNEY, GRAHAM		MIASNIKOV, ANDREI	2,584,511
MALEVILLE, THIERRY JEAN	2,719,353	ARTHUR	2,809,173	MICHALSKI, EVA-MARIE	2,778,022
MALTESE, ANTONINO	2,697,552	MCELVENNY, RHETT	2,707,833	MICHAUX, MICHEL	2,626,739
MAN, CHUK CHUI	2,696,430	MCGIRR, REBECCA	2,655,118	MICHOUD, CHRISTOPHE	2,662,998
MANCE, DANIEL	2,662,422	MCGLYNN, PAUL	2,696,922	MICROBIOPHARM JAPAN	
MANNA, MASSIMO	2,575,067	MCGUIRE, KENNETH		CO., LTD.	2,725,560
MANREX PTY. LTD	2,738,163	STEPHEN	2,730,282	MICROSOFT TECHNOLOGY	
MARCH, PAUL ANDREW	2,600,885	MCKENZIE, SUZANNE P.	2,635,618	LICENSING, LLC	2,508,933
MARCHESAN IMPLEMENTOS		MCLARTY, SHAMUS JOHN		MICROSOFT TECHNOLOGY	
E MAQUINAS		ANGUS	2,870,592	LICENSING, LLC	2,512,102
AGRICOLAS TATU S/A	2,722,482	MCLELLAN, ANDY	2,828,633	MICROSOFT TECHNOLOGY	
MARCHESAN, JOAO CARLOS	2,722,482	MCMAHON, STEVEN A.	2,773,683	LICENSING, LLC	2,526,799
MARENTIS, RODGER T.	2,718,931	MCMICHAEL, DONALD J.	2,670,561	MICROSOFT TECHNOLOGY	
MARGAL, SANJAY	2,756,536	MCNAUGHTON, JAMES L.	2,591,197	LICENSING, LLC	2,610,595
MARINE CURRENT		MCVICAR, WILLIAM K.	2,696,922	MICROSOFT TECHNOLOGY	
TURBINES LIMITED	2,604,123	MEANS, OWEN MICHAEL	2,707,934	LICENSING, LLC	2,635,898
MARKOSKI, LARRY J.	2,865,806	MEDA AB	2,708,559	MICROSOFT TECHNOLOGY	
MARTELLARO, ANGELO	2,818,152	MEDICHEM, S.A.	2,612,497	LICENSING, LLC	2,646,622
MARTENS, JOHN	2,789,618	MEDINA, ARTURO		MICROSOFT TECHNOLOGY	
MARTIN, ERIC	2,590,758	NORBERTO	2,671,960	LICENSING, LLC	2,649,404
MARTIN, WILLIAM C.	2,690,881	MEDTRONIC MINIMED, INC.	2,694,229	MICROSOFT TECHNOLOGY	
MARTIN-COCHER, GAELLE	2,690,649	MEDTRONIC XOMED, INC.	2,834,582	LICENSING, LLC	2,652,046
MARTINOTTI, MAURO	2,641,848	MEGIDDO, ERAN	2,508,933	MICROSOFT TECHNOLOGY	
MARX, RYAN E.	2,714,343	MEHROTRA, SANJEEV	2,610,595	LICENSING, LLC	2,654,744
MASHIMO, HIROYUKI	2,838,386	MEIER, ROBERT	2,507,119	MICROSOFT TECHNOLOGY	
MASON, JAMES P.	2,667,888	MEIJI CO., LTD.	2,679,300	LICENSING, LLC	2,664,322
MASSACHUSETTS INSTITUTE		MEIJI SEIKA PHARMA CO.,		MICROSOFT TECHNOLOGY	
OF TECHNOLOGY	2,793,604	LTD.	2,662,391	LICENSING, LLC	2,669,011
MASSON, RICHARD	2,786,397	MEISSNER, DAVID C.	2,835,386	MICROSOFT TECHNOLOGY	
MASSON, RICHARD	2,793,767	MELICK, BRUCE D.	2,483,610	LICENSING, LLC	2,681,842
MASTIO, EMMANUEL	2,709,848	MENA DIAZ DE CORCUERA,		MICROSOFT TECHNOLOGY	
MASTRIANNI, STEVEN J.	2,637,046	ALBERTO	2,816,398	LICENSING, LLC	2,710,872
MASTROPASQUA, LUCA	2,629,268	MENEZES, ROBERT		MICROSOFT TECHNOLOGY	
MATHER, JENNIE P.	2,490,399	ANTHONY	2,617,861	LICENSING, LLC	2,742,510
MATHIES, EDMUND	2,689,340			MIDDLETON, SCOTT W.	2,767,731

Index of Canadian Patents Issued October 6, 2015

MIDDLETON, SCOTT WILLIAM	2,774,830	MORRISON, ANGUS	2,815,298	NIKE INNOVATE C.V.	2,830,000
MIDREX TECHNOLOGIES, INC.	2,835,386	MORRISON, THOMAS A.	2,704,263	NIKE INNOVATE C.V.	2,838,386
MIELE, CHARLES	2,721,238	MORROW, CATHERINE R.	2,512,102	NIKI, YOKO	2,832,831
MISS, DAVID P.	2,833,616	MOSER, ANNE CLARE	2,690,876	NIKUMB, SUWAS	2,610,658
MIGUEL CASTRO, MARTA	2,611,416	MOSKOVITZ, GARY	2,635,431	NIMURA, SEIJI	2,753,286
MILLER, BILL L.	2,627,899	MOTEK BV	2,686,173	NINDL, DANIEL	2,811,444
MILLER, HAROLD	2,688,366	MOTION COMPOSITES INC.	2,594,566	NIPPON LIGHT METAL COMPANY, LTD.	2,814,626
MILLER, MARK	2,627,358	MOTOROLA MOBILITY LLC	2,707,934	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,757,393
MILLER, THOMAS WAYNE	2,669,011	MOTTERLE, RICCARDO	2,874,420	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,787,564
MILLER, TOM	2,681,842	MS GREGSON	2,804,838	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,816,260
MILLER, WILLIAM	2,711,028	MSD ITALIA S.R.L.	2,567,030	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,842,910
MILLIKEN & COMPANY	2,832,118	MUELLER, MARTIN	2,687,126	NISHIKAWA, TAICHIRO	2,723,075
MIN, JUNG-HYE	2,857,833	MUKHOPADHYAY, DEBKUMAR	2,833,616	NISHIO, AKIHIKO	2,675,031
MIN, JUNG-HYE	2,876,420	MUKHOPADHYAY, INDRANIL	2,756,536	NISHIURA, TAKANOBU	2,838,386
MINOWA, NOBUTO	2,662,391	MULLER, CHRISTIAN	2,706,504	NISSAN MOTOR CO., LTD.	2,744,361
MINTZ, AKIVA	2,480,008	MULLER, GEORGE W.	2,823,088	NISSAN MOTOR CO., LTD.	2,815,012
MISEO, SABATO	2,636,177	MULTI-MAGNETICS INCORPORATED	2,655,118	NISSAN MOTOR CO., LTD.	2,820,633
MISSALLA, MICHAEL	2,774,465	MULTISORB TECHNOLOGIES, INC.	2,823,735	NOBEL BIOCARE SERVICES AG	2,432,953
MITOMI, MASAOKI	2,662,391	MULTRUS, MARKUS	2,717,694	NOBLE, SHAWN D.	2,836,761
mitsubishi electric corporation	2,780,434	MULTRUS, MARKUS	2,778,325	NOGITA, KAZUHIRO	2,588,807
MITSUBISHI MATERIALS CORPORATION	2,873,724	MUNCHKIN, INC.	2,640,459	NOHARA, TIMOTHY J.	2,819,704
MIURA, SHOGO	2,793,165	MUNTEAN, FELICIAN	2,782,935	NOMURA, SHINICHI	2,814,626
MIYANISHI, KEI	2,757,393	MURPHY, ROBERT F.	2,817,208	NORSK HYDRO ASA	2,712,981
MIZUGUCHI, KOJI	2,846,932	MUTH, JAMES C.	2,818,758	NORTHERN INNOVATIONS HOLDING CORP.	2,577,963
MIZUTANI, MASAKO	2,759,069	NAFZIGER, BRENDON	2,810,925	NORTHROP, PAUL S.	2,686,526
MOCK, PHILLIP W.	2,581,438	NAGAI, HAZUKI	2,725,560	NORTHROP, PAUL S.	2,688,560
MOELLER, ROY P.	2,782,069	NAGARAJAN, NANDAKUMAR	2,800,381	NOVARTIS AG	2,671,960
MOELLER, ROY P.	2,782,935	NAGEL, FREDERIK	2,717,694	NOVATEL INC.	2,762,386
MOESSLEIN, MICHAEL	2,618,459	NAIR REMA, RAKESH VIKRAMAN	2,815,298	NOVELIS INC.	2,731,669
MOFFAT, KAREN A.	2,727,504	NAKAI, YOSHIHIRO	2,723,075	NTT DOCOMO, INC.	2,808,522
MOHAMMED, HUSSAIN	2,773,878	NAKAMARU, HIROKI	2,818,296	NUCOR CORPORATION	2,668,199
MOKHTARI, MAHYA	2,741,917	NAKAMURA, YUICHIRO	2,796,753	NUMANO, MASATADA	2,723,075
MOLINARI, ARTHUR	2,838,386	NAKANISHI, NOZOMU	2,662,391	NUMAO, YASUHIRO	2,744,361
MOLINO, BRUCE F.	2,573,271	NAKANO, KOJI	2,682,376	NZENGUNG, VALENTINE A.	2,684,631
MOMENTA PHARMACEUTICALS, INC.	2,682,744	NAKATANI, MANABU	2,625,404	O'HAGAN, BRIAN ROBERT	2,774,830
MOMENTIVE PERFORMANCE MATERIALS INC.	2,805,629	NALCO COMPANY	2,739,324	OARE, DAVID A.	2,549,606
MONATH, THOMAS P.	2,473,321	NANCE, SCOTT S.	2,704,707	OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "KOSMICHESKIE SISTEMY SPAZENIYA"	2,827,394
MONSANTO TECHNOLOGY LLC	2,673,942	NANO CP, LLC	2,694,019	OBSHHESTVO S OGRANICHENNOJ OTVETSTVENNOST'JU "TMK-PREMIUM SERVICES"	2,706,286
MONTGOMERY, JAMES L.	2,627,776	NARA, HIDEKI	2,662,391	OBUCHI, KAZUHISA	2,694,090
MOON, JAEHYUN	2,793,604	NATIONAL GYPSUM PROPERTIES, LLC	2,690,881	OCHI, TATSURO	2,757,393
MOORE, NORMAN BRUCE	2,688,348	NATIONAL HEALTH RESEARCH INSTITUTES	2,786,911	ODELL, PETER G.	2,775,191
MOORLAG, CAROLYN	2,816,049	NATIONAL OILWELL VARCO, L.P.	2,761,591	ODELL, PETER G.	2,816,049
MOOTE, STANLEY R.	2,662,422	NATIONAL OILWELL VARCO, L.P.	2,800,394	ODELL, PETER G.	2,816,053
MOR TECHNOLOGY, LLC	2,718,931	NATIONAL RESEARCH COUNCIL OF CANADA	2,610,658	OECHSNER, HANS	2,689,340
MOREAU, KATELL	2,719,130	NEACSU, MIOARA	2,800,381	OGAWA, TAKAYUKI	2,850,477
MORENO, ROSA MARIA	2,874,420	NEKTAR THERAPEUTICS	2,679,479	OGUMA, NOBUHIRO	2,873,724
MORGAN, MICKEY	2,711,028	NEMEC, BRIAN R.	2,818,758	OHBA, YOSHIHIRO	2,612,406
MORI, MASAHIRO	2,698,365	NETZ, AMIR	2,508,933	OHKAMI, TAKAHIDE	2,720,091
MORIARTY, ROBERT M.	2,789,109	NEW, BERNARD J.	2,704,707	OHNARI, TAKAOKI	2,793,165
MORIMITSU, KENTARO	2,775,191	NEWTON, RAYMOND R.	2,722,990		
MORIN, KRISTIAN	2,762,386	NEYTUS, JOHAN	2,549,606		
MORIOKA, YASUFUMI	2,808,522	NGUYEN, HA M.	2,798,515		
MORITA, KAZUMASA	2,796,753	NICHOLSON, MARCUS	2,649,494		
MORNET, STEPHANE	2,526,967	NICKEL, DEBORAH JOY	2,670,281		
MORRIS, ANDREW	2,628,491	NIETO, JESUS	2,673,546		
MORRIS, MAKE	2,530,523				

**Index des brevets canadiens délivrés
6 octobre 2015**

OHTA, YOSHIAKI	2,694,090	PEERY, WENDELL	2,819,025	PREMJI, AL-NASIR	2,819,704
OILES CORPORATION	2,807,118	PEETSO, VICTOR	2,629,826	PRENCIPE, MICHAEL	2,710,583
OJIMA, IWAO	2,684,594	PELLAGATTI, OLIVIER	2,694,996	PRESCOTT, MICHAEL	2,630,005
OKITA, YOJI	2,836,047	PELLACINI, ROBERTO	2,770,309	PRETORIUS, EUGENE	2,668,199
OLSON, JONATHAN S.	2,683,175	PELLENGAHR, KLAUS	2,584,511	PRIEST, MARCUS	2,777,508
OLVER, BRYAN W.	2,630,249	PELLETIER, MICHAEL T.	2,801,289	PRIONICS AG	2,710,372
OMORI, TAKASHI	2,846,932	PELOZA, JOHN	2,711,028	PROBST, GREGORY P.	2,483,610
OMS INVESTMENTS, INC.	2,667,342	PEPICELLI, CARMEN	2,425,356	PRONOVA BIOPHARMA	
OMYA INTERNATIONAL AG	2,679,248	PERELLO, MARGARITA	2,778,022	NORGE AS	2,607,247
OMYA INTERNATIONAL AG	2,679,356	PEREVERZEV, STANISLAV	2,730,678	PROPEX OPERATING	
ONISHI, KENICHI	2,805,369	PERNAK, JULIUSZ	2,625,004	COMPANY, LLC	2,653,445
ORD, CHRISTOPHER JOHN	2,684,283	PERRY, N. CHRISTOPHER	2,679,585	PROTHERICS SALT LAKE	
ORGANOBALANCE GMBH	2,639,961	PERRY, N. CHRISTOPHER	2,679,616	CITY, INC.	2,577,432
ORICA EXPLOSIVES		PESSI, ANTONELLO	2,567,030	PRUSS, REBECCA	2,613,752
TECHNOLOGY PTY LTD	2,687,488	PETCULESCU, CRISTIAN	2,508,933	PSION INC.	2,523,394
ORNDORFF, MICHAEL BRACE	2,749,345	PETER KWASNY GMBH	2,711,469	PTM PACKAGING TOOLS	
OROSKAR, ANIL	2,815,298	PETEREIT, PETER	2,825,449	MACHINERY PTE. LTD.	2,706,374
ORR, JILL MARLENE	2,838,385	PETZOLD, URSULA	2,708,559	PUERSTINGER, GERHARD	2,549,606
ORTIZ, MARK S.	2,582,838	PFIZER INC.	2,815,169	PUGACHEV, KONSTANTIN	2,473,321
OSATO, TETSUO	2,846,932	PHILIP MORRIS PRODUCTS		PUIG SERRANO, JORDI	2,612,497
OSBORNE, IAN	2,666,833	S.A.	2,654,790	PURCELL, RICKY WAYNE	2,690,876
OSBORNE, PAUL	2,707,934	PHILIPPE, ERIC	2,849,600	PURINA ANIMAL NUTRITION	
OSRAM SYLVANIA INC.	2,624,733	PHILLIPS, ROGER W.	2,630,641	LLC	2,627,899
OTSUKA PHARMACEUTICAL		PIAO, AI-ZHI	2,577,432	PYATINA, TATIANA	2,626,739
CO., LTD.	2,682,376	PIAZZA, MARZIO	2,672,962	PYKE, BRENDAN	2,725,135
OTSUKA, TAKASHI	2,838,364	PICCOLO, VINCENZO	2,672,962	QI, XIAOYANG	2,650,691
OUTOTEC OYJ	2,774,465	PICHON, PHILIPPE	2,709,848	QIAN, JIANG	2,833,616
OVERBY, LINWOOD HUGH		PICIOCCIO, MATTHEW		QIU, DONGMING	2,560,831
JR.	2,602,789	ORREN	2,681,842	QUALCOMM INCORPORATED	2,731,847
PACCAR INC	2,739,259	PIERRE FABRE DERMO-		QUALCOMM INCORPORATED	2,758,562
PACIFIC BIOSCIENCES OF		COSMETIQUE	2,663,387	QUIGLEY, PETER A.	2,621,046
CALIFORNIA, INC.	2,642,258	PIETRAS, BERND-GEORG	2,819,812	QUINN, JONATHAN	2,823,735
PADAWER, JEREMY	2,773,225	PIGOTT, CRAIG ROBIN	2,721,231	QUIROS DEL BOSQUE, ANA	2,611,416
PAILLER, RENE	2,849,600	PIGOTT, STUART MICHAEL	2,659,657	RAACOS INTERNATIONAL A/S	2,716,319
PALAZZOLO, FRANCIS	2,703,925	PILLAR LASERS INC.	2,789,618	RABHI, VIANNEY	2,681,616
PALMER, BRIAN L.	2,728,872	PINILLA-IBARZ, JAVIER	2,626,238	RACENET, DAVID C.	2,627,954
PALMER, GRANT J.	2,686,267	PIQUET, HUBERT	2,628,048	RADABAUGH, ROBERT M. A.	2,667,342
PALMER, WYLIE SOLANG	2,662,998	PIRNSTILL, JOHN C.	2,705,758	RADAN, DAMIR	2,812,561
PALO ALTO RESEARCH		PIZZOLATO, MARIO	2,672,485	RADLER, MICHAEL JOHN	2,778,052
CENTER INCORPORATED	2,816,053	PLANTE, MATTHEW J.	2,690,881	RADTKE, ROLAND	2,512,102
PALUMBO, ANTONIO	2,805,629	PLATA SALAMAN, CARLOS		RADYNE CORPORATION	2,703,755
PAN, ZHUANGYU	2,490,399	RAMON	2,771,665	RAFFERTY, CHRISTOPHER	
PANASONIC INTELLECTUAL		PLAUNT, ALAN	2,585,946	CHARLES	2,693,890
PROPERTY		PLAXICO, CHUCK	2,721,238	RAGHAV, AMRITANSH	2,710,872
CORPORATION OF		POLK, DALE, JR.	2,775,956	RAISTLIN NEWTON,	
AMERICA	2,675,031	POLK, DALE, SR.	2,775,956	JONATHAN C.	2,667,342
PANDROL LIMITED	2,698,142	PONTINI, MARTA	2,874,420	RAKSHA, VLADIMIR P.	2,630,641
PARK, DOUGLAS A.	2,773,683	POON, SIN KIE	2,817,208	RAMACHANDRAN, SUNDER	2,798,515
PARK, EUI-JUN	2,625,158	PORAK, MARCO	2,637,046	RAMANATHAN, RAJESH	2,710,872
PARK, JAEWOO	2,779,928	PORTER, JOYCE ANNE	2,602,789	RAMHOLD, DIETMAR	2,689,340
PARKVALL, STEFAN	2,718,644	PORTIER, JOSEPH	2,526,967	RAMLER, JEFFREY J.	2,560,831
PARSONS, IAN CHRISTOPHER	2,682,744	PORTILLO, HECTOR		RAMOS GONZALEZ, MARIA	
PARSORTIX, INC.	2,782,176	EDUARDO	2,812,975	MERCEDES	2,611,416
PASCOE, ANDREW P.	2,679,585	POTECHIN, KATHY	2,805,038	RAMSEY, CHRISTOPHER	
PATRA, DEBASIS	2,686,267	POUPARDIN-OLIVIER, OLIVIA	2,620,662	PAUL	2,665,477
PAUL, HANSS-INGOLF	2,676,074	POWER BOX AG	2,649,494	RANKA, AJAY ISHWARLAL	2,656,793
PAYNE, DAVID S.	2,823,735	POWERVISION, INC.	2,693,906	RAULIN, LOIC	2,628,048
PEARSON, ANDREA	2,774,860	PRASAD, ACHAMPETA		RAUNIYAR, GOVIN	2,687,014
PEARSON, ERIN	2,774,860	RATHAN	2,789,109	RAVEENDRAN,	
PEARSON, KENNETH	2,774,860	PRAT, DAMIEN	2,694,996	VIJAYALAKSHMI R.	2,731,847
PECK, JAMES	2,809,146	PRATO, FRANK S.	2,655,118	RAVEN BIOTECHNOLOGIES,	
PEDERSEN, ELIN R.	2,765,956	PRATT & WHITNEY CANADA		INC.	2,490,399
PEDROTTI, ANDREA	2,687,952	CORP.	2,630,249	RAYKOV, ZAHARI	2,710,928
PEERY, WENDELL	2,815,696	PREISSLER, DANIEL	2,689,340	RAYTHEON COMPANY	2,702,426

Index of Canadian Patents Issued October 6, 2015

REAL BONUS LIMITED	2,655,464	ROTHWELL, HAROLD L., JR.	2,624,733	SCHEKER, LUIS ROMAN	2,824,291
REALSEARCH INC.	2,629,826	ROUET, VINCENT	2,719,130	SCHER, HERBERT B.	2,675,272
REBO, RICHARD D.	2,507,119	ROUSSELIN, STEPHANE	2,621,838	SCHLEHOFER, JOERG	2,710,928
RECIO SANCHEZ, ISIDRA	2,611,416	ROWE, RICHARD E.	2,613,629	SCHLOTTERBECK, ULF	2,695,417
REDBOX AUTOMATED RETAIL, LLC	2,606,388	ROWE, STANTON J.	2,678,747	SCHLUMBERGER CANADA LIMITED	2,626,739
REED, GUDRUN	2,501,144	ROYER, ERIC	2,681,220	SCHLUMBERGER CANADA LIMITED	2,713,326
REFLEX PHOTONICS	2,635,431	ROZINOV, BORIS	2,776,179	SCHLUMBERGER CANADA LIMITED	2,751,717
REGENTS OF THE UNIVERSITY OF MINNESOTA	2,611,820	RUD, JASON H.	2,801,464	SCHLUMBERGER CANADA LIMITED	2,802,598
REGLOS, JOEY CAMIA	2,698,718	RUITERS, GERARD HUBERT JOSEPH	2,654,900	SCHLUMBERGER CANADA LIMITED	2,682,491
REGNIER, JEREMI	2,628,048	RUNGE, TROY M.	2,670,281	SCHMID, ERIC V.	2,683,672
REID, JOHN GREGORY	2,789,109	RUNWAY BLUE, LLC	2,828,351	SCHMIDT, JOHANNES	2,799,958
REKOSKE, MICHAEL J.	2,670,281	RUPRECHT-KARLS- UNIVERSITAET HEIDELBERG	2,710,928	SCHMIDT, SEBASTIAN	2,809,190
RESCUE AIR SYSTEMS, INC.	2,660,884	RUSS, JOERG	2,582,807	SCHMITZ, WALTER	2,630,734
RESPROTECT GMBH	2,660,636	RUTGERS, THE STATE UNIVERSITY	2,665,846	SCHMITZER, PAUL R.	2,673,663
RETTELBACH, NIKOLAUS	2,717,694	RWTH AACHEN	2,563,001	SCHOBER, UWE	2,765,341
RETELBAACH, NIKOLAUS	2,778,325	RYAN, JOHN M.	2,818,152	SCHOELKOPF, JOACHIM	2,679,356
REVA MEDICAL, INC.	2,628,491	RYSER, MARTIN	2,639,961	SCHOENHERR, WILLIAM DAVID	2,685,875
REVEN, SEBASTJAN	2,654,890	S. C. JOHNSON & SON, INC.	2,746,947	SCHOLKOPF, JOACHIM	2,679,248
REYES, SEBASTIAN C.	2,688,560	SABAN, MARKO D.	2,741,917	SCHOLL, JOHN A.	2,693,906
REYNOLDS, CONNOR W.	2,695,789	SACRIPANTE, GUERINO G.	2,754,491	SCHRODER, HARTWIG	2,615,315
RHODIA, INC.	2,696,312	SACRIPANTE, GUERINO G.	2,783,928	SCHUIITEMA, DENNIS J.	2,704,878
RICH, MATTHEW STANLEY	2,653,445	SAGEM DEFENSE SECURITE	2,783,508	SCHUT, JAAP	2,665,846
RICHARDS, KEVIN W.	2,732,422	SAHASRANAMAN, VIVEK	2,649,404	SCHWEITZER ENGINEERING LABORATORIES, INC.	2,773,683
RICOH COMPANY, LTD.	2,831,550	SAHOO, AKHILA KUMAR	2,789,109	SCHWEITZER, EDMUND O., III	2,773,683
RIEDEL, ROBERT BYRIEL	2,716,319	SAHOO, AKHILA KUMAR	2,789,109	SCOTT, ERIC	2,800,394
RIFF, CHRISTOPHER	2,856,688	SAICA PACK, S.L.	2,816,398	SCOTT, ROBERT	2,671,960
RIGGS-SAUTHIER, JENNIFER	2,679,479	SAINDANE, MANOHAR T.	2,823,088	SD LIZENZVERWERTUNGSG ESELLSCHAFT MBH & CO. KG	2,697,818
RILEY, TIMOTHY ANDREW	2,679,479	SAITO, MASATO	2,679,300	SEBASTIAN, ANDRIES DON	2,653,445
ROBARGE, MICHAEL J.	2,636,992	SALIGRAMA, VENKATESH	2,751,717	SECQ, JEAN	2,730,041
ROBERTS, JEVAWN SEBASTIAN	2,749,345	SALSBUURY, JONATHON	2,686,267	SECURITAS DIRECT AB	2,753,286
ROBERTS, PENELOPE E.	2,490,399	SAMBOJU, NARASIMHA CHARY	2,673,663	SEEBER, MANFRED	2,725,913
ROBINSON, MICHAEL P.	2,836,761	SAMORSKI, MARKUS	2,563,001	SEEDHOM, BAHAA	2,681,760
ROBINSON, RICHARD SCOTT	2,710,583	SAMSOONDAR, JAMES	2,876,445	SEEKFORF, DALE	2,860,029
ROBOAM, XAVIER	2,628,048	SAMSUNG ELECTRONICS CO., LTD.	2,625,158	SEGGIO, FRANK	2,630,734
ROBOTHAM, ANGELA SOPHIA	2,604,123	SAMSUNG ELECTRONICS CO., LTD.	2,857,833	SEIBICKE, FRANK	2,825,449
ROCA, CHRISTOPHE CHARLES MAURICE	2,719,351	SAMSUNG ELECTRONICS CO., LTD.	2,876,420	SEIGNEUR, CHRISTOPHER	2,666,833
ROCA, CHRISTOPHE CHARLES MAURICE	2,719,352	SAMSUNG ELECTRONICS CO., LTD.	2,877,255	SEIN, ARJEN	2,670,249
ROCA, CHRISTOPHE CHARLES MAURICE	2,719,353	SAMUEL, JAYAKUMAR P.	2,673,663	SEKHARAN, MANEH NADUPPARAMBIL	2,778,052
RODENBECK, ROBERT W.	2,676,976	SANCHEZ CANTU, MANUEL	2,682,430	SEKI, KEISUKE	2,679,300
RODGERS, CRAIG A.	2,673,241	SANCHEZ VALENTE, JAIME	2,682,430	SEKIGUCHI, KATSUHIKO	2,793,165
RODGERS, JAMES D.	2,689,158	SANDERS, T., BLANE	2,683,175	SELBY, THOMAS PAUL	2,812,975
ROESCH, HANS	2,618,459	SANOBI PASTEUR BIOLOGICS CO.	2,473,321	SELZER, ORY D.	2,722,990
ROGERS, ROBIN D.	2,625,004	SARIF, MOUNSIF	2,804,838	SENIOR, GEOFFERY DAVID	2,725,135
ROGUNOVA, MARINA	2,667,888	SASS, STEVEN RICHARD	2,713,535	SERMAN, CARL	2,721,238
ROLFS, ANDREAS	2,660,636	SATTERFIELD, JESSE CLAY	2,512,102	SERRERO, GINETTE	2,290,602
ROLSTON, DAVID R.	2,635,431	SAVOYE	2,695,392	SERVICES KENGTEK INC.	2,831,401
ROMMELAERE, JEAN	2,710,928	SAWADA, TAKESHI	2,625,404	SES IP AB	2,671,364
ROSALES, RODOLFO, JR.	2,683,035	SAWYER, STEVEN LEE	2,788,637	SETTEMSDAL, STIG OLAV	2,812,561
ROSEMOUNT INC.	2,801,464	SAXTON, MATTHEW	2,794,774	SHADDUCK, JOHN H.	2,693,906
ROSEN SWISS AG	2,748,092	SAYRE, JAY	2,721,238	SHAFFER, TIMOTHY D.	2,801,806
ROSEN, HERMANN	2,748,092	SCHADT, OLIVER	2,693,600	SHARP, ROBERT	2,574,864
ROSENTHAL NEE MARTIN, CAROLA	2,673,546	SCHANZ, GERHARD	2,687,299	SHAW INDUSTRIES GROUP, INC.	2,609,889
ROSSOW, SCOTT R.	2,596,487	SCHECHTER, MICHAEL AUSTIN	2,742,510		
ROSSWURM, ERIN MARIE	2,676,412	SCHEINBERG, DAVID A.	2,626,238		
ROTELLA, JOHN A.	2,670,561				

**Index des brevets canadiens délivrés
6 octobre 2015**

SHEA, JACQUELINE		SNYDER, DAVID M.	2,483,610	STOKES, JAMES P.	2,801,806
ELIZABETH	2,481,186	SOARES, MELINA M.	2,491,310	STOKES, MICHAEL J.	2,582,838
SHELL CANADA LIMITED	2,669,312	SOBHY, AMR	2,831,401	STOKKA, SIGMUND	2,701,849
SHERKIN, ALEXANDER	2,756,552	SODE, TAKAYUKI	2,814,626	STONEHOUSE, DAVID R.	2,618,918
SHERWOOD SERVICES AG	2,574,864	SOGYO CO., LTD.	2,806,961	STOWE, TIMOTHY D.	2,816,053
SHETTY, JAYARAMA K.	2,681,328	SOKOLOVSKII, VALERY	2,636,177	STRATATECH CORPORATION	2,705,758
SHHERBAKOV, BORIS		SOKOLOVSKII, VALERY	2,636,918	STRAVITZ, DAVID M.	2,640,459
JUR'EVICH	2,706,286	SOLDAN, DANIEL J.	2,810,925	STREBEL, ANDREAS	2,710,872
SHI, JACK GUOEN	2,689,158	SOLED, STUART L.	2,636,177	STROMSHOLMEN AB	2,704,657
SHIN, KAZUO	2,679,300	SOLTZ, MICHAEL	2,636,976	STRONG, JAMES	2,818,152
SHRIVER, ZACHARY	2,682,744	SOLVAY ADVANCED		STT EMTEC AB	2,637,299
SICHUAN XIELI		POLYMERS, L.L.C.	2,535,344	STUART, JOHN W.	2,836,761
PHARMACEUTICAL CO.,		SOODE NAGANO CO., LTD.	2,814,626	STUBBS, MARTIN	2,677,206
LTD.	2,725,560	SOOTTECH AKTIEBOLAG	2,667,185	SU, WEN-YU	2,786,911
SIDDURI, ACHYUTHARAO	2,662,998	SORENSEN, KIM L.	2,828,351	SUBBARAMAN, VIGNESH	2,778,325
SIDORENKO, PAVEL		SORENSEN, STEVEN M.	2,828,351	SUEDDEUTSCHE	
NIKOLAEVICH	2,706,286	SOULIER, PASCAL-MARIE		ALUMINIUM	
SIEMENS		PAUL MARCEL	2,696,718	MANUFAKTUR GMBH	2,625,779
AKTIENGESELLSCHAFT	2,812,561	SOUREN, WILLEM HUBERT		SUGIYAMA, HARUO	2,530,184
SIEMENS		MARIE	2,687,014	SUGIYAMA, YUKINORI	2,814,626
AKTIENGESELLSCHAFT	2,825,449	SPACESAVER CORPORATION	2,818,758	SUIHKONEN, KARI	2,704,206
SIEMIET, DENNIS	2,703,925	SPANI, URS	2,713,591	SULLIVAN, GARY J.	2,635,898
SIKONEN, MARIA-LIISA	2,704,206	SPARETZ, ZACHARY T.	2,652,246	SULLIVAN, RICHARD J.	2,710,583
SIJPKES, ANDRE HARMEN	2,684,536	SPATHIS, ALEXANDER		SULLIVAN-GILBERT, MANDY	
SILVER, ANDREW	2,772,802	THEOFILE	2,687,488	LYNNE	2,515,684
SIMON, CELINE	2,613,752	SPEAR, SCOTT K.	2,625,004	SULZER MIXPAC AG	2,698,840
SIMON, MARIA SARITA	2,802,598	SPEICHER, ASHLEY C.	2,652,046	SUMITOMO ELECTRIC	
SIMONEAU, ERIC	2,594,566	SPINAL ELEMENTS, INC.	2,802,131	INDUSTRIES, LTD.	2,723,075
SINCLAIR, MARK	2,767,731	SPITZER, DONALD PAUL	2,684,493	SUNDARAM, NARASIMHAN	2,686,526
SINCLAIR, MARK RICHARD	2,774,830	SPLIETHOFF'S		SUNLEY, JOHN GLENN	2,684,536
SINCLAIR, MICHAEL J.	2,654,744	BEVRACHTINGSKANTOO		SUNOVION	
SINGH, RAVI	2,756,552	R B.V.	2,741,432	PHARMACEUTICALS	
SINGLA, AMIT	2,649,404	SPONHEIMER, JUERGEN	2,630,734	INC.	2,696,922
SINQUIN, GILLES	2,632,392	STADALI, HOLGER	2,654,171	SUNTORY HOLDINGS	
SIRINYAN, KIRKOR	2,674,671	STAHLECKER, WERNER	2,706,374	LIMITED	2,759,069
SIRRENBURG, CHRISTIAN	2,652,393	STAUFFER, ADRIAN	2,687,126	SUTTON, GERALD S.	2,622,692
SKIDMORE, AARON	2,755,349	STAV, ELI	2,690,881	SUTTON, JAMES P.	2,817,208
SLOAN KETTERING		STEELBERG, CHAD E.	2,683,781	SUZUKI, HIDETOSHI	2,675,031
INSTITUTE FOR CANCER		STEELBERG, RYAN S.	2,683,781	SUZUKI, JUNICHI	2,753,286
RESEARCH	2,626,238	STEENHOF, VINCENT JAN	2,595,903	SUZUKI, TOMOHIRO	2,753,286
SLOAT, JEFFREY T.	2,767,731	STEIN, PASCAL ANDRE	2,635,618	SWARINGEN, ROY A., JR.	2,789,109
SMADI, MOHAMMED NAWAF	2,745,859	STEINER, ANDREW J.	2,628,076	SWATLOSKI, RICHARD P.	2,625,004
SMART FRAME		STEINER, URS	2,782,069	SWEPSTON, JEFFREY A.	2,654,790
TECHNOLOGY PTY LTD.	2,603,395	STEINER, URS	2,782,935	SWOYER, JOHN M.	2,619,624
SMELTZER, JAMES M.	2,673,241	STEINER, URS	2,782,981	SYLARD, NICOLAS	2,713,203
SMELYANSKY, PYOTR	2,629,952	STEINLE, RAINER	2,618,459	SYLLA, AMADOU ANDRE	2,694,996
SMIGLAK, MARCIN	2,625,004	STENMARK, FREDRIK		SYNGENTA PARTICIPATIONS	
SMILEY, TERAH WHITING	2,693,906	MARTIN	2,695,069	AG	2,657,794
SMITH & NEPHEW, INC.	2,765,455	STEPHAN, ANDREAS	2,699,651	SYNGENTA PARTICIPATIONS	
SMITH INTERNATIONAL, INC.	2,809,173	STEPHAS, EDWIN L.	2,627,899	AG	2,680,511
SMITH, AARON		STEPHENS, DAVID	2,818,152	SYNGENTA PARTICIPATIONS	
CHRISTOPHER	2,815,169	STEPHENS, JERRY RAY	2,730,282	AG	2,842,883
SMITH, DAVID JOHN	2,693,906	STEVENS, GERARD	2,738,163	SYNGENTA PARTICIPATIONS	
SMITH, DAWN A.	2,671,960	STEVENS, IAN	2,738,163	AG	2,844,041
SMITH, DOUGLAS A.	2,507,119	STEVENS, PETER	2,738,163	SYNTHES USA, LLC	2,711,028
SMITH, GARY F.	2,595,394	STEVENSON, THOMAS		SZELENYI, ISTVAN	2,708,559
SMITH, PATRICK JAMES	2,774,830	MARTIN	2,812,975	SZILAGYI, ZOLTAN C.	2,526,799
SMITH, RICHARD D.	2,675,882	STEWART, KENT D.	2,666,590	TACK, DOMINICUS	
SNECMA	2,597,941	STIEBER, FRANK	2,693,600	FRANCISCUS MICHAEL	2,741,432
SNECMA	2,621,838	STIEFEL RESEARCH		TAHA, RACHID	2,560,831
SNECMA	2,719,351	AUSTRALIA PTY LTD	2,647,127	TAJIMA, YOSHIHARU	2,694,090
SNECMA	2,719,352	STIVENDER, EUGENE SCOTT	2,668,117	TAKAGI, MAKOTO	2,873,724
SNECMA	2,719,353	STOBIE, ROBERT	2,646,481	TAKAGI, RYUICHI	2,806,961
SNIFFIN, KEVIN	2,636,976	STOESSER, MICHAEL	2,697,720	TAKAHASHI, HIDEAKI	2,808,522

**Index of Canadian Patents Issued
October 6, 2015**

TAKAHASHI, HIDENORI	2,696,430	THE PROCTER & GAMBLE		TRUSTEES OF BOSTON	
TAKAHASHI, YUYA	2,846,932	COMPANY	2,838,385	UNIVERSITY	2,751,717
TAKASAGO INTERNATIONAL		THE RESEARCH		UNIVERSITY	2,655,464
CORPORATION	2,662,391	FOUNDATION OF STATE		UNIVERSITY OF NEW	2,776,179
TAKEDA, KENGO	2,787,564	UNIVERSITY OF NEW		YORK	2,751,036
TAKEUCHI, HIROFUMI	2,682,376	YORK	2,684,594	TSUCHITA, HIROSHI	2,679,300
TALBOT, JAMES	2,711,028	THE UNIVERSITY COURT OF		TSUI, NANCY BO YIN	2,601,735
TALINGTING-PABALAN,		THE UNIVERSITY OF ST.		TSUI, TIMMY	2,773,225
RUELA	2,696,312	ANDREWS	2,688,341	TSUKANO, YASUSHI	2,787,564
TAMBURRINO, RICHARD A.	2,818,152	THE UNIVERSITY OF		TUMEY, L. NATHAN	2,636,992
TANAKA, YOSHIKAZU	2,759,069	ALABAMA	2,625,004	TUOMIKOSKI, MARKUS	2,684,916
TANI, YOSHIAKI	2,842,910	THE WOOSTER BRUSH		TURBERG, ANDREAS	2,674,671
TANIUCHI, KENICHI	2,612,406	COMPANY	2,668,084	TURBOMECA	2,681,220
TANTOT, NICOLAS	2,621,838	THERY, FREDERIC	2,626,739	TUREK, CAROLINE M.	2,783,928
TARTAGGIA, STEFANO	2,874,420	THIERAUCH, KARL-HEINZ	2,657,062	TURIELLO, ANTHONY J.	2,660,884
TASH, JOSEPH S.	2,577,420	THIRUNEELAKANTAPILLAI,		TURNER, GRAHAM ANDREW	2,703,144
TASLY PHARMACEUTICAL		LAKSHMANAN	2,682,744	TURNER, JEROME J.	2,526,799
GROUP CO., LTD.	2,559,826	THOMA, HERBERT	2,773,878	TURNER, SEAN COLM	2,666,590
TEBBE, SHAWN	2,698,718	THOMAS & BETTS		TURNER, STEPHEN	2,642,258
TECHNOFAST INDUSTRIES		INTERNATIONAL, INC.	2,735,489	TYCO ELECTRONICS	
PTY LTD	2,669,306	THOMAS, ABRAHAM	2,756,536	CORPORATION	2,777,508
TEDESCHI, NANCY	2,695,751	THOMAS, ALEX W.	2,655,118	TYCO ELECTRONICS SUBSEA	
TEHAG AG	2,681,774	THOMAS, EUGENE R.	2,688,560	COMMUNICATIONS LLC	2,575,067
TEITELBAUM, NEIL	2,630,641	THOMPSON, STEVEN		TYCO HEALTHCARE GROUP	
TELCORDIA TECHNOLOGIES,		ARNOLD	2,515,684	LP	2,627,954
INC.	2,612,406	THOMPSON, TERRY R.	2,655,118	TYCO HEALTHCARE GROUP	
TELCORDIA TECHNOLOGIES,		THORLEY, CRAIG STEPHEN	2,693,890	LP	2,636,976
INC.	2,644,151	THORPE, PHILIP E.	2,491,310	TYCO HEALTHCARE GROUP,	
TELEFONAKTIEBOLAGET L		THORSELL, MAGNUS	2,637,299	LP	2,630,005
M ERICSSON (PUBL)	2,718,644	THRELKELD, KEVIN CHRIS	2,844,041	TYGARD MACHINE &	
TELLER, WITOLD R.	2,773,683	TIAN, BIN	2,666,485	MANUFACTURING	
TENNY, NATHAN E.	2,758,562	TIITINEN, EMILIA	2,675,585	COMPANY	2,571,225
TEQUI, PIERRE	2,632,392	TIMM, JEFFREY J.	2,670,281	TYGARD, EDWARD	2,571,225
TERABE, MASAKI	2,502,663	TIMM, JUERGEN	2,731,669	UEHARA, SHIGETAKA	2,744,361
TESCOM CORPORATION	2,725,913	TISSUE REGENIX LIMITED	2,808,478	UKRAINEC, ANDREW M.	2,819,704
TESSON, NICOLAS	2,771,665	TIW CORPORATION	2,686,006	ULLERMANN, WOLFGANG	2,738,198
TEUBNER, JANEK	2,660,636	TOBIASZ, REBECCA LYNN	2,817,208	UNDERWOOD, JOHN	
TEUNISSEN, PAULINE	2,681,328	TOBINAGA, IKUO	2,807,708	ANTHONY	2,711,306
TEWES, MICHAEL JOHN	2,695,789	TOBLER, HANS	2,842,883	UNGER, JEFF	2,574,864
THE BOC GROUP LIMITED	2,659,657	TOHOKU UNIVERSITY	2,793,165	UNILEVER PLC	2,703,144
THE BOEING COMPANY	2,785,400	TOKARSKI, MICHAEL	2,809,146	UNILEVER PLC	2,705,692
THE BRIGHAM AND		TOMAC, BRIAN	2,638,539	UNITED STATES GYPSUM	
WOMEN'S HOSPITAL,		TOMANTSCHGER, KLAUS	2,800,381	COMPANY	2,668,117
INC.	2,484,897	TONG, KUO-FENG	2,730,678	UNITED STATES OF	
THE CHINESE UNIVERSITY		TONKOVICH, ANNA LEE	2,560,831	AMERICA DEPARTMENT	
OF HONG KONG	2,601,735	TOOR, VIRANMOL	2,619,089	OF VETERAN'S AFFAIRS	2,784,829
THE GATES CORPORATION	2,698,365	TORR-COAL TECHNOLOGY		UNIVERSITE DES SCIENCES	
THE GILLETTE COMPANY	2,740,729	B.V.	2,654,900	ET TECHNOLOGIES DE	
THE GOVERNMENT OF THE		TOSHIBA MITSUBISHI-		LILLE	2,730,041
UNITED STATES OF		ELECTRIC INDUSTRIAL		UNIVERSITY OF GEORGIA	
AMERICA AS		SYSTEMS CORPORATION	2,780,434	RESEARCH	
REPRESENTED BY THE		TOURDOT, MATTHEW A.	2,818,758	FOUNDATION, INC.	2,684,631
SECRETARY OF THE		TOURET, ROXANE	2,621,838	UNIVERSITY OF IOWA	
DEPARTMENT OF		TOWNSEND, BRADLEY D.	2,683,781	RESEARCH	
HEALTH AND HUMAN		TOYOBUKU, HIDEKAZU	2,682,376	FOUNDATION	2,315,790
SERVICES	2,502,663	TOYODA, ASAKO	2,725,560	UNIVERSITY OF KANSAS	2,577,420
THE LIBMAN COMPANY	2,770,309	TRACY, COREY L.	2,775,191	UNIVERSITY OF KANSAS	
THE NIELSEN COMPANY		TRANE INTERNATIONAL INC.	2,753,385	MEDICAL CENTER	2,577,420
(US), LLC	2,611,070	TROMMSDORFF, MICHAEL	2,710,872	UNIVERSITY OF UTAH	
THE PENN STATE RESEARCH		TROMP, RUDOLF M.	2,636,239	RESEARCH	
FOUNDATION	2,480,008	TROPHOS	2,613,752	FOUNDATION	2,501,144
THE PROCTER & GAMBLE		TROPSCH, JUERGEN	2,697,720	UNIVERSITY OF UTAH	
COMPANY	2,730,282	TRUMPP, TOBIAS CHRISTIAN	2,705,692	RESEARCH	
		TRUONG, THANH-TUAN	2,783,508	FOUNDATION	2,784,829

**Index des brevets canadiens délivrés
6 octobre 2015**

US SYNTHETIC CORPORATION	2,833,616	WALSER, BERND	2,762,386	WISNIEWSKI, JOHN M.	2,731,319
USNR/KOCKUMS CANCAR COMPANY	2,846,731	WALTER, HARALD	2,842,883	WITTWER, CARL T.	2,501,144
VADOVIC, CHARLES	2,659,074	WALTHER, MIRCO	2,790,826	WITZMAN, MATTHEW R.	2,630,641
VAIL, MICHAEL A.	2,833,616	WANDA CULTURAL TOURISM PLANNING & RESEARCH INSTITUTE CO., LTD.	2,820,418	WNEK, PATRICK HENRY	2,774,830
VALENTINE, KARY	2,721,238	WANG, JIANWEN	2,552,448	WO PRODUCTION APS	2,687,982
VALERO, HENRI-PIERRE	2,751,717	WANG, YONG	2,560,831	WOLENSKY, JOEL	2,590,990
VALIYAPARAMBIL, MANOJ K.	2,649,404	WANG, YUAN	2,820,418	WOLF, MICHAEL	2,652,393
VALLOUREC OIL AND GAS FRANCE	2,816,260	WANG, YUE	2,611,820	WOLF, STEPHEN C.	2,704,878
VALTION TEKNILLINEN TUTKIMUSKESKUS	2,684,916	WANYOIKE, GEORGE NG'ANG'A	2,725,560	WOLFSON, JARED	2,773,225
VAN CAMP, BRENT	2,802,355	WARKOSKI, GREGORY	2,535,344	WOOD, KEVIN	2,819,812
VAN DER MERWE, DIRK A.	2,679,585	WARMBOLD, PATRICK	2,778,325	WOOD, MARK W.	2,617,469
VAN EEDEN, FRANS	2,629,268	WARREN RUPP, INC.	2,749,345	WOOD, RALPH MICHAEL	2,686,126
VAN LIEMT, WILLEM	2,687,014	WARTELLE, CLAUDE	2,711,921	WOODWARD, GARY	2,696,312
VAN NIEUWKOOP, PIETER	2,669,312	WATTERS, JEFFREY THOMAS	2,694,099	WORMSBECHER, RICHARD FRANKLIN	2,599,418
VANBESIEN, DARYL W.	2,727,504	WATTERS, LARRY THOMAS	2,694,099	WOSNICK, JORDAN	2,727,504
VANDERBILT CHEMICALS, LLC	2,831,614	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,740,053	WPC CORPORATION	2,796,753
VANNUCCI, SERGIO NELO	2,706,127	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,814,239	WRIGHT, DAVID HOWELL	2,611,070
VANTIEGHEM, HERVE R.	2,659,164	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,819,812	WRIGHT, JEFFERY J.	2,609,889
VAREL INTERNATIONAL IND., L.P.	2,653,115	WEBER, PETER T.	2,819,704	WTE WASTE TO ENERGY CANADA, INC.	2,671,972
VASICHEK, SHAWN R.	2,596,487	WEBER-ROZENBAUM, REGINE	2,638,226	WU, DEYUN	2,646,622
VATS, NIKHIL	2,756,552	WEBSTER, GORDON D.	2,635,618	WU, JASON	2,636,177
VECSERI, GABOR	2,686,737	WEDEKIND, KAREN JOY	2,823,751	WU, JASON	2,636,918
VEE, INGE ARILD	2,712,981	WEINBERG, CRAIG	2,574,864	WU, QIUYOU	2,773,309
VEEN, MARKUS	2,639,961	WEINSTOCK, JOEL V.	2,315,790	WU, SHAWN XIANG	2,698,365
VELOCYS, INC.	2,560,831	WEISS, OLIVER	2,778,325	WUBBEN, ANTONIUS LEONARDUS MARIA	2,669,312
VENKATARAMAN, GANESH	2,682,744	WELLTEC A/S	2,682,040	WWT NORTH AMERICA HOLDINGS, INC.	2,581,438
VENKATSUBRA, VENKAT VENNARD, DANIEL	2,711,028	WENDLING, MATTHEW	2,739,259	WWT NORTH AMERICA HOLDINGS, INC.	2,688,348
VEREGIN, RICHARD P. N.	2,727,504	WENGLER, CHRISTIAN	2,675,031	XCOVERY, INC.	2,675,755
VERNOCHET, MAURICE	2,597,941	WENIG, ROBERT	2,732,744	XEROX CORPORATION	2,727,504
VERTEX PHARMACEUTICALS INCORPORATED	2,627,358	WESTENFELDER, CHRISTOF	2,784,829	XEROX CORPORATION	2,741,917
VERTIFLEX, INC.	2,698,718	WHAM, ROBERT H.	2,574,864	XEROX CORPORATION	2,754,491
VICTOR, JARED J.	2,800,381	WHEELER, JOHN A.	2,702,426	XEROX CORPORATION	2,775,191
VIHERLAHTI, KARI	2,756,906	WHIFFEN, ROBERT	2,828,633	XEROX CORPORATION	2,781,330
VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.	2,634,583	WHITE, DERRICK	2,681,760	XEROX CORPORATION	2,783,928
VITA-MIX CORPORATION	2,680,565	WHITESEL, MARY B.	2,788,833	XEROX CORPORATION	2,816,049
VITALI, MARIO	2,804,838	WIDEORBIT, INC.	2,683,781	XEROX CORPORATION	2,816,053
VITARIS, RONALD F.	2,765,455	WIERBOWSKI, DAVID JOHN	2,602,789	XIANGGUANG COPPER CO., LTD.	2,798,302
VOESTE, DIRK	2,695,417	WIEVRE, ANDY	2,590,990	XIAO, XIN	2,773,309
VOGEL, BERNARD J.	2,753,689	WIGGINS, JASON K.	2,833,616	XIE, MIN	2,785,739
VOLPE, ANTHONY F.	2,636,177	WILDER, RICHARD L.	2,538,776	XIE, XIANGTIAN	2,798,302
VOLPE, ANTHONY F.	2,636,918	WILKES, RICHARD S.	2,673,942	XILINX, INC.	2,704,707
VON DRASEK, WILLIAM A.	2,739,324	WILKINSON, H. SCOTT	2,696,922	XIROS LIMITED	2,681,760
W.R. GRACE & CO. -CONN.	2,599,418	WILKOSZ, BENJAMIN EDUARD	2,799,958	XIU, YUNQIANG	2,780,104
WABASH NATIONAL, L.P.	2,611,344	WILLIAMS, MARK K.	2,615,315	XUE, TING	2,857,405
WACKER, MARCO	2,582,807	WILLIAMS, MATTHEW DAVID DOUGLAS	2,776,179	YAITA, YUMI	2,846,932
WAGHMARE, NAYAN TATERAO	2,756,536	WILSHAW, STACY-PAUL	2,808,478	YAMADA, AKIRA	2,808,522
WAGNE, OLOV	2,704,657	WILSON, ANDREW D.	2,654,744	YAMADA, MASASHI	2,679,300
WAJIMA, EIJI	2,873,724	WINETZKY, DEBORAH S.	2,675,272	YAMAGUCHI, SHINICHI	2,787,564
WAKEAM, JAMIE N.	2,526,799	WINTER, DAVID C.	2,815,696	YAMAMOTO, KENJI	2,805,369
WALCOT, RUTH ELIZABETH	2,684,283	WINTERGERSTE, TORSTEN	2,698,840	YAMAMOTO, SHUJI	2,787,564
WALKER, JOHN M.	2,681,842	WIPPERFURTH, ERIC	2,818,758	YAMAMOTO, YASUHIRO	2,816,260
WALLACE, JOHN DAVID	2,807,509			YAMASHITA, YU	2,846,932
				YAN, JUN	2,773,309
				YANG, BARRY L.	2,560,831
				YAQUB, RAZIQ	2,644,151
				YAROSH, DANIEL B.	2,832,831
				YATES, RONNIE DONNELL, JR.	2,669,011

**Index of Canadian Patents Issued
October 6, 2015**

YAZAWA, TAKASHI	2,846,932
YE, XINFA	2,857,405
YE, ZHENGLIANG	2,559,826
YEAGER, MATTHEW R.	2,702,426
YOCUM, R. ROGERS	2,615,315
YOKOYA, HIROKAZU	2,842,910
YOKOYAMA, KAZUTOSHI	2,625,404
YOKOZAWA, TOHRU	2,662,391
YOSHIDA, MASAHIRO	2,818,296
YOSHIDA, MASAKI	2,832,831
YOSHINO KOGYOSHO CO., LTD.	2,838,364
YOUNG, DANIEL	2,804,243
YOUNG, STEVEN P.	2,704,707
YU, JUNG-PIL	2,625,158
YU, YUN-CHANG	2,824,491
ZACCARIN, DENIS	2,642,258
ZANIEWSKI, JULIE KATHRYN	2,705,692
ZANON, STEPHEN	2,782,069
ZARATE ANDRADE, LEOPOLDO	2,691,744
ZASLAVSKIJ, ALEKSANDR VLADIMIROVICH	2,706,286
ZEILER, BERNHARD	2,832,118
ZEITECS B.V.	2,799,958
ZELDER, OSKAR	2,615,315
ZELIGS, MICHAEL A.	2,565,721
ZEMLOK, MICHAEL	2,627,954
ZHANG, GUANGHUI	2,433,968
ZHANG, HAIJIANG	2,559,826
ZHANG, QIANG	2,809,146
ZHANG, TAO	2,857,405
ZHANG, YANG	2,785,739
ZHONG, ZHIAN	2,634,583
ZHOU, JINGLAN	2,627,358
ZHOU, LUMING	2,501,144
ZHOU, SONGLIN	2,798,302
ZHOU, YU CHEN	2,606,911
ZHU, HAIHONG	2,749,345
ZHU, XIANGPING	2,682,744
ZIA, VAHID	2,549,606
ZIMMER, INC.	2,628,076
ZIMMER, VOLKER	2,626,984
ZINK, ALEXANDER	2,773,878
ZOBELE HOLDING S.P.A.	2,687,952
ZODIAC POOL CARE EUROPE	2,709,848
ZOETIS P&U LLC	2,815,763
ZOGG, HANS-MARTIN	2,811,444
ZULEGER, SUSANNE	2,578,438
ZWARTZ, EDWARD G.	2,783,928
ZWEBER, JEFFREY	2,619,624
ZWICK, KENNETH JOHN	2,670,281
ZWOLINSKI, ANDREW M.	2,582,838

Index of Canadian Applications Open to Public Inspection

September 20, 2015 to September 26, 2015

Index des demandes canadiennes mises à la disponibilité du public

20 septembre 2015 au 26 septembre 2015

1784237 ALBERTA LTD.	2,847,341	CANAMERICA GROUP CO.,		ESMAEILI, PAYMAN	2,893,988
1784237 ALBERTA LTD.	2,847,446	LTD.	2,885,088	EXXONMOBIL UPSTREAM	
3M INNOVATIVE PROPERTIES		CANRIG DRILLING		RESEARCH COMPANY	2,893,988
COMPANY	2,885,565	TECHNOLOGY LTD.	2,885,827	FATTOUCHE, MICHEL	2,847,123
3M INNOVATIVE PROPERTIES		CAPLIN, MARCO	2,847,576	FAUE, ALLEN C.	2,853,588
COMPANY	2,885,628	CARIGNAN, LOUIS-PHILIPPE	2,847,576	FAZELI, AMIR M.	2,882,387
AGROMATIC INC.	2,883,177	CARMICHAEL, CRAIG		FAZELI, AMIR M.	2,884,814
AIR PRODUCTS AND		DOUGLAS	2,884,651	FENG, ZHIHUI	2,855,060
CHEMICALS, INC.	2,885,485	CEPIC, ADNAN	2,882,387	FLANGAN, COLIN	2,847,446
ALESIA, ANTHONY	2,885,690	CEPIC, ADNAN	2,884,814	FMR LLC	2,886,136
ALSTOM TRANSPORT		CHEN, CHIN-FU	2,847,578	FMR LLC	2,886,163
TECHNOLOGIES	2,885,132	CHEN, PO-YU	2,847,578	FOX, ANDREW ROBERT	2,885,565
ALSTOM TRANSPORT		CHEN, YUCONG	2,885,501	FOX, ANDREW ROBERT	2,885,628
TECHNOLOGIES	2,885,397	CLIFTON, CURT	2,885,816	FRANCOTYP-POSTALIA	
ALSTOM TRANSPORT		COLE, WILLIAM T.	2,847,511	GMBH	2,885,758
TECHNOLOGIES	2,886,171	CONRAD, WAYNE ERNEST	2,847,520	FRANKLIN, ROGER	2,848,486
ALVAREZ GARCIA, JOSE		CONRAD, WAYNE ERNEST	2,847,536	FREDERICK, LAWRENCE J.	2,875,687
JAVIER	2,885,082	COOPER TECHNOLOGIES		FRIEDLANDER, JASON	2,883,258
AMERICAN GREETINGS		COMPANY	2,884,443	FRIESEN, JOHN	2,885,824
CORPORATION	2,881,442	COX, MARTIN	2,847,606	FRIESEN, KENNETH KYLE	2,885,824
AMI ENTERTAINMENT		CRUICKSHANK, BRIAN	2,886,206	G.B.D. CORP	2,847,520
NETWORK, LLC	2,885,690	CULLEN, JAMES M.	2,847,321	G.B.D. CORP	2,847,536
AMIX SYSTEMS LTD	2,847,090	CZYSZ, KATARZYNA ANNA	2,850,204	GARBHAM, SREEDHAR	2,886,049
ANDERSON, DONALD A.	2,878,541	DAKOJU, GOVIND	2,886,049	GARBHAM, SREEDHAR	2,887,185
ANDREWS, BASIL PAUL	2,886,714	DAKOJU, GOVIND	2,887,185	GARDNER, DANIEL L.	2,881,884
APOLLO MICROWAVES, LTD.	2,847,576	DALEIDEN, KEVIN L.	2,883,177	GE HEALTHCARE UK	
ARALICA, GORANA	2,866,258	DANSK MINK PAPIR A/S	2,885,877	LIMITED	2,850,204
ARBOUR, DENNIS M.	2,847,090	DECOTTIGNIES, DOMINIQUE	2,885,633	GENERAL ELECTRIC	
ASPECT INTERNATIONAL		DEEN, JAY A.	2,847,430	COMPANY	2,884,649
(2015) PRIVATE LIMITED	2,892,018	DEEN, JAY A.	2,847,433	GENERAL ELECTRIC	
AUDET, MICHEL	2,886,192	DELLA VALLE, FRANCESCO	2,885,443	COMPANY	2,884,651
BARCZYK, TOMASZ	2,885,445	DELLA VALLE, MARIA		GENEST, GARY	2,847,919
BATT, EDWARD J.	2,883,728	FEDERICA	2,885,443	GENPAK LLC	2,885,978
BAUER PERFORMANCE		DENG, YIXIA	2,882,585	GLATT GMBH	2,885,672
LACROSSE CORP.	2,852,819	DESJARDIEN, MATTHEW R.	2,883,728	GODIN, CLARENCE	2,885,468
BAUER PERFORMANCE		DHULIPUDI, DURGA PRASAD	2,886,049	GOEL, RAKESH	2,885,737
LACROSSE CORP.	2,852,886	DHULIPUDI, DURGA PRASAD	2,887,185	GOEL, RAKESH	2,885,755
BEAUJOT, NORBERT	2,847,585	DI, QINGYUN	2,875,099	GOODIER, PETER CHARLES	2,847,135
BECKMANN, STEFAN	2,885,758	DIEHL, FABRICE	2,885,633	GOODING, VICTOR	2,847,314
BERG, ERIC	2,885,755	DITTO, CHRISTOPHER	2,885,816	GOODRICH CORPORATION	2,882,387
BHIMSINGH, MICHAEL P.	2,847,642	DOW, STEPHEN PATRICK		GOODRICH CORPORATION	2,884,814
BIGRAS, ANDRE E.	2,847,314	KENNEDY	2,885,978	GOTO, TETSUYA	2,885,811
BIRRU, FUFA H.	2,854,501	DRANGOVA, MARIA	2,886,126	GOURUNNEY, TUNC	2,885,485
BISIKALO, DMITRY	2,886,136	DROCHON, SEBASTIEN	2,886,105	GRACE ENGINEERING CORP.	2,885,045
BISIKALO, DMITRY	2,886,163	DUBREUIL, BERTRAND	2,854,393	GRACE, LOUIS, JR.	2,885,045
BLUE RHINO GLOBAL		DUNDEE SUSTAINABLE		GUIA, JOSE MEDINA	2,885,069
SOURCING, INC.	2,885,464	TECHNOLOGIES INC.	2,854,393	GUILDLINE INSTRUMENTS	
BOERBOOM, MARVIN L.	2,854,577	EBLEN, DAVID MICHAEL	2,885,069	LIMITED	2,885,445
BOUVERET, NICOLAS	2,898,810	ECHEVERRI, NICOLAS		GULFSTREAM AEROSPACE	
BRESSON, MATHIEU	2,885,132	ANTONIO	2,885,628	CORPORATION	2,883,114
BROUSSEAU, JEAN-PHILLIPE	2,885,434	EL-HAMAMSY, SAYED-AMR	2,847,123	HADI, MAHMOUD	2,885,827
BSH BOSCH UND SIEMENS		ENI S.P.A.	2,885,633	HADZIJA, MIRKO	2,866,258
HAUSGERATE GMBH	2,876,472	EPITECH GROUP S.R.L.	2,885,443	HAGINO, KENICHI	2,885,811
BSH HOME APPLIANCES		EPLow CORP.	2,871,824	HARI, ROB	2,847,341
CORPORATION	2,876,472	ERUCHALU, JANE IFEOMA	2,875,687	HARI, ROB	2,847,446

**Index of Canadian Applications Open to Public Inspection
September 20, 2015 to September 26, 2015**

HAVARD, H. GENE, JR.	2,885,708	KABUSHIKI KAISHA TOYOTA		LIN, JIN-JIE	2,886,169
HAVARD, HAROLD GENE	2,885,449	JIDOSHOKKI	2,885,811	LISOWY, CHRISTIAN	2,885,978
HAVARD, HAROLD GENE	2,885,450	KABUSHIKI KAISHA TOYOTA		LIU, CHUN CHIN	2,885,088
HAYNES, GARY	2,881,884	JIDOSHOKKI	2,885,949	LOEB, STEPHANIE	2,886,455
HE, XIAOYI	2,885,485	KABUSHIKI KAISHA TOYOTA		LU, YI	2,875,099
HEATH, JONATHAN		JIDOSHOKKI	2,886,477	LUCAS, MIKE	2,883,114
CHRISTOPHER	2,882,473	KADAR DEVELOPMENTS		LUDWIG, MANFRED	2,885,503
HEL SZAJN, JOSEPH	2,847,576	LTD.	2,846,745	LYNCH, KRISTOPHER PHILIP	2,883,114
HENSEN, SAM THOMAS	2,886,170	KADAR, JOSEPH ANTAL	2,846,745	MACDOUGALL, KENNETH L.	2,847,136
HIGGINS, JAMES	2,847,131	KAGAWA, ATSUSHI	2,864,492	MAGNA, LIONEL	2,886,105
HIRATA, YUICHIROU	2,885,336	KAIVANI, AMIR	2,846,960	MALED, PATRICK T.	2,885,069
HOLVERSON, ANDREW	2,885,009	KARNUTSCH, ELIAS	2,885,447	MANGIAFICO, SEBASTIANO	2,885,443
HONEY BEE		KARNUTSCH, ELIAS	2,885,814	MARKS, ALLAN	2,885,456
MANUFACTURING LTD.	2,847,456	KATO, NORIHIKO	2,885,446	MARSHALL, BARRY	2,855,042
HONEY, GLENN	2,847,456	KATO, NORIHIKO	2,885,460	MARSHALL, GARY	2,855,042
HONEY, GREGORY	2,847,456	KATO, NORIHIKO	2,885,949	MASCHING, JOSEPH	
HONEYWELL		KATO, NORIHIKO	2,886,477	RANDOLPH	2,885,069
INTERNATIONAL INC.	2,886,049	KAYE, ELIZABETH S.	2,885,456	MAST INDUSTRIES (FAR	
HONEYWELL		KINCH, OWEN	2,847,585	EAST) LIMITED	2,866,074
INTERNATIONAL INC.	2,887,185	KING, BRIAN	2,885,456	MATOUSEK, ROB	2,881,442
HOPPE AG	2,885,447	KLEIS, MATTHIAS	2,885,503	MATSUBARA, MITSUNORI	2,882,585
HOPPE AG	2,885,503	KO, SEOK-BUM	2,846,960	MATSUDA, YUKIHI SA	2,885,336
HOPPE AG	2,885,814	KOIDE, YUKIKAZU	2,885,446	MATSUSUE, MASA AKI	2,885,462
HORIE, SHINYA	2,868,898	KOIDE, YUKIKAZU	2,885,460	MCADAM, STEPHEN	2,883,984
HOURTANE, JEAN-LUC	2,885,397	KOIDE, YUKIKAZU	2,885,949	MCDONOUGH, JOHN C.	2,886,136
HOURTANE, JEAN-LUC	2,886,171	KOIDE, YUKIKAZU	2,886,477	MCDONOUGH, JOHN C.	2,886,163
HOWE, CHRISTOPHER ALAN	2,873,730	KOKINETICS GMBH	2,882,394	MCKESSON FINANCIAL	
HOWMEDICA OSTEONICS,		KOPRIVA, IVICA	2,866,258	HOLDINGS	2,885,456
CORP	2,885,076	KOTI ONROEREND GOED B.V.	2,885,358	MELLO, ANDREA	2,876,725
HROMI, JONATHAN	2,886,136	KOYAMA, TAKAHIRO	2,885,811	MESRI, YOUSSEF	2,886,110
HROMI, JONATHAN	2,886,163	KRAY, NICHOLAS JOSEPH	2,884,651	METTLER-TOLEDO SAFELINE	
HUGHES, JESSICA R.	2,878,541	KRIVANEK, ALAN	2,854,586	LTD.	2,883,984
HULL, ERIC G	2,885,955	KURJANOWICZ, WLODEK	2,887,223	MEURE, SAMUEL JAMES	2,873,730
HUNG, DER-KAI	2,885,449	LALANCETTE, JEAN-MARC	2,854,393	MICALE, ANTONIO C.	2,883,728
HUNG, DER-KAI	2,885,450	LAMEYRE, BRUNO	2,886,159	MILJANIC, PETAR N.	2,885,445
HUSKY OIL OPERATIONS		LAMY, JEAN-FRANCOIS	2,847,483	MILLER, GREGORY	2,898,562
LIMITED	2,875,687	LARSEN, JOHNNY		MILSTEIN, DAVID	2,886,388
HUYBRECKX, MICHEL JOZEF		MOLLERUP	2,885,877	MILSTEIN, DAVID	2,886,421
RENE LAMBERT	2,885,358	LAURESHEN, CATHERINE		MONROE TRUCK	
IFP ENERGIES NOUVELLES	2,885,633	JEAN	2,875,687	EQUIPMENT, INC.	2,885,009
IFP ENERGIES NOUVELLES	2,886,105	LAWRYNOWICZ, DANIEL E.	2,885,076	MONSANTO TECHNOLOGY	
IFP ENERGIES NOUVELLES	2,886,110	LE, KIM-PHUONG NGUYEN	2,885,076	LLC	2,853,586
IMRAY, WILLIAM J.	2,847,129	LEAL, ROSA MARIA	2,885,449	MONSANTO TECHNOLOGY	
INDUSTRIA DE TURBO		LEAL, ROSA MARIA	2,885,450	LLC	2,853,588
PROPULSORES, S.A.	2,885,082	LECOCQ, VINCENT	2,885,633	MONSANTO TECHNOLOGY	
INSTITUTE OF GEOLOGY		LEE, HOWARD M.	2,886,388	LLC	2,853,589
AND GEOPHYSICS,		LEE, HOWARD M.	2,886,421	MONSANTO TECHNOLOGY	
CHINESE ACADEMY OF		LEE, SHO EI-SHENG	2,847,250	LLC	2,853,590
SCIENCES	2,875,099	LEE, SHO EI-SHENG	2,847,286	MONSANTO TECHNOLOGY	
INTELLISIST, INC.	2,886,388	LEFEBVRE, RICHARD	2,847,382	LLC	2,853,601
INTELLISIST, INC.	2,886,421	LEMIEUX, DAVID	2,854,393	MONSANTO TECHNOLOGY	
ISHIHATA, TAKATO	2,885,336	LEMIEUX, ERIC	2,852,819	LLC	2,854,499
JAROS, CHARLES	2,885,690	LEMIEUX, ERIC	2,852,886	MONSANTO TECHNOLOGY	
JOHANNABER, KENNETH		LENNOX INDUSTRIES INC.	2,885,449	LLC	2,854,500
DALE	2,882,690	LENNOX INDUSTRIES INC.	2,885,450	MONSANTO TECHNOLOGY	
JONES, ROBERT	2,876,472	LENNOX INDUSTRIES INC.	2,885,708	LLC	2,854,501
JOUANNAIS, JACQUES	2,886,159	LENNOX INDUSTRIES INC.	2,885,737	MONSANTO TECHNOLOGY	
JTB TOOLS & OILFIELD		LENNOX INDUSTRIES INC.	2,885,755	LLC	2,854,502
SERVICES, LLC	2,855,042	LES PRODUITS GILBERT INC.	2,886,192	MONSANTO TECHNOLOGY	
JUNG, SYDNEY	2,847,606	LES PROMOTIONS		LLC	2,854,575
KABUSHIKI KAISHA TOYOTA		ATLANTIQUES INC. /		MONSANTO TECHNOLOGY	
JIDOSHOKKI	2,885,446	ATLANTIC PROMOTIONS		LLC	2,854,577
KABUSHIKI KAISHA TOYOTA		INC.	2,855,060	MONSANTO TECHNOLOGY	
JIDOSHOKKI	2,885,460	LIM, SOYEON	2,847,433	LLC	2,854,586

**Index des demandes canadiennes mises à la disponibilité du public
20 septembre 2015 au 26 septembre 2015**

MONSANTO TECHNOLOGY LLC	2,854,661	PETSCHKE, THOMAS A.	2,885,069	SHEN, TONG	2,885,501
MORALES, OSCAR REYES	2,885,069	PHILL, DARREN R.	2,886,026	SHOWA CORPORATION	2,864,492
MORIN, KYLE	2,852,886	PHILLIPS, DEREK	2,885,737	SHOWA CORPORATION	2,868,889
MOSCA, LARRY	2,881,442	PHILLIPS, RODERICK WILLIAM	2,847,388	SHOWA CORPORATION	2,868,892
MUHL, WOLFGANG	2,885,758	PIERRE, FRITZ	2,893,988	SHOWA CORPORATION	2,868,898
MUHLENFELD, STEPHANIE KRISTIN	2,866,074	PINGDOM AB	2,885,598	SIDENSE CORPORATION	2,887,223
MURATA, TOSHIO	2,885,336	POPI, JON	2,853,590	SIEBENS, LARRY N.	2,881,884
MX CROSS DESIGNS INCORPORATED	2,886,022	POPI, JON	2,853,601	SIMPSON STRONG-TIE COMPANY, INC.	2,886,169
NAKAGAWA, TADASHI	2,885,336	POPI, JON	2,854,499	SIMPSON STRONG-TIE COMPANY, INC.	2,886,170
NAKAJIMA, SHIGETO	2,885,811	POPI, JON	2,854,661	SIROWATKA, JOHN	2,885,709
NANJING YUYAN INFORMATION TECHNOLOGY LTD.	2,885,501	POPOVIC-HADZIJA, MARIJANA	2,866,258	SKINNER, DAVID B.	2,885,463
NAYLOR, DAVID GLEN	2,865,638	PRODUCTS INNOVATION GROUP, INC.	2,847,321	SKUBLICS, KEN	2,847,314
NEW FLYER INDUSTRIES CANADA ULC	2,865,638	RADEBACH, MATTHEW ALLEN	2,884,651	SMITH, DAVID	2,884,649
NICHOLAS, DON	2,886,049	RAINDANCE SYSTEMS PTY LTD	2,848,486	SONG, LIN	2,885,076
NICHOLAS, DON	2,887,185	RANDALL, TRACEY	2,866,074	SRD INNOVATIONS INC.	2,847,123
NIE, XUEYUAN X.	2,847,014	RAPOPORT, URI	2,892,018	SRIVASTAV, AMIT	2,886,049
NIE, YINING Y.	2,847,014	REBER, SUSANNE M.	2,882,387	SRIVASTAV, AMIT	2,887,185
NORTH AMERICA I.M.L. CONTAINERS	2,898,810	REBER, SUSANNE M.	2,884,814	STATOIL CANADA LIMITED	2,875,687
NOVARTIS AG	2,872,024	REDSTREAM ENERGY INC.	2,884,968	STEALTHWEAR PROTECTIVE CLOTHING INC.	2,886,219
NOWAK, JAMES MICHAEL	2,884,649	REFINED TECHNOLOGIES, INC.	2,885,734	STELPFLUG, RICHARD G.	2,854,502
NURMI, SAM	2,885,598	REGER, NORMAN	2,885,672	STERN, HADLEY RUPERT	2,886,136
OATEY CO.	2,885,955	REID, ERIC M.	2,883,728	STERN, HADLEY RUPERT	2,886,163
OBREJANU, MARCEL	2,884,968	REIMER, CHRIS	2,886,026	STEVENS, ANN M.	2,847,129
OCHS, NICHOLAS P.	2,853,586	REINHARDT, PETER	2,885,672	STEVENSON, ROBERT ANDREW	2,848,486
ODINAK, GILAD	2,886,388	RICHARDS, RONALD	2,885,690	STICHTING INCAS3	2,885,079
ODINAK, GILAD	2,886,421	RICOIS, OLIVIER	2,886,110	STICHTING INCAS3	2,885,157
OHLINGER, JOACHIM	2,882,394	RITTER, ALLEN MICHAEL	2,884,649	STRAUB, STEPHEN W.	2,885,069
OJHA, NARENDRA	2,886,049	RODRIGUEZ, ALBERTO FABIAN VILLALOBOS	2,885,069	STRAW TRACK MANUFACTURING INC.	2,847,585
OJHA, NARENDRA	2,887,185	ROELEN, TIMOTHY J., JR. II	2,885,045	SU, MING-JAI	2,847,250
OLIVIER-BOURBIGOU, HELENE	2,886,105	ROGERS, JAMES KENNETH	2,886,022	SU, MING-JAI	2,847,286
ORIENT EUROPHARMA CO., LTD.	2,847,250	ROLONG, CARLOS	2,885,827	SUNDQVIST, MORGAN	2,885,598
ORIENT EUROPHARMA CO., LTD.	2,847,286	ROUCOLLE, JOEL	2,854,502	SUPERIOR TRAY SYSTEMS INC.	2,847,606
OTTENBREIT, TIMOTHY	2,847,585	ROY, GUSTAVE	2,871,824	SURVISION	2,886,159
OUTERWALL INC.	2,883,258	ROZBOROVA, LUCIA	2,847,430	SYNGENTA PARTICIPATIONS AG	2,881,649
OWEN, ROBERT BRYDON THOMAS	2,865,638	RUDJER BOSKOVIC INSTITUTE	2,866,258	SYNVASIVE TECHNOLOGY, INC.	2,882,690
PAGE, NATHANIEL J.	2,853,589	SADAKATA, KAZUHIKO	2,864,492	SYPRIS TECHNOLOGIES, INC.	2,885,069
PAGE, NATHANIEL J.	2,854,500	SADAKATA, KAZUHIKO	2,868,898	TACKMAN, TERRY MICHAEL	2,884,649
PAL SINGH, SURINDER	2,847,314	SAEEDFAR, AMIN	2,875,687	TAKANO, SATOSHI	2,885,811
PALSGAARD, HENRIK	2,885,877	SAGER, MATTHEW	2,885,465	TALLY, BRANDON MICHAEL	2,884,443
PANASONIC CORPORATION	2,882,585	SAITO, TAKAHIKO	2,868,889	TALNISHNIKH, ELENA	2,885,079
PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD.	2,882,585	SAPONJA, JEFF	2,847,341	TALNISHNIKH, ELENA	2,885,157
PAPPATHOPOULOS, SARAH	2,854,502	SAPONJA, JEFF	2,847,446	TANAKA, HIROYUKI	2,885,460
PARAGON TANK TRUCK EQUIPMENT, LLC	2,847,135	SCHILLEN, ADAM	2,885,464	TANAKA, NOBUAKI	2,868,892
PAREKH, HARSH RAJNIKANT	2,886,206	SCHREIDER, THOMAS PATRICK	2,886,022	TANVIR, ANSAR	2,876,472
PARKER-HANNIFIN CORPORATION	2,886,206	SCHRINER, SALLY	2,881,442	TAVALLAEI, MOHAMMAD ALI	2,886,126
PATE, THOMAS	2,885,708	SCHUBERTH, OLIVER	2,885,447	TCHAIKIRJIAN, DIKRAN	2,847,123
PEDERSEN, RUDI	2,885,877	SCHUBERTH, OLIVER ERICH RUDOLPH	2,885,814	TEJIMA, GO	2,885,733
PEREZ, WILLIE	2,885,955	SEARS, SEAN	2,885,734	TELESAT CANADA	2,847,314
PERROT, JOCELYN	2,885,132	SEYMOUR, ROBERT ALLEN	2,884,649	TELMATE, LLC	2,885,816
		SHAKESPEARE COMPANY, LLC	2,885,463	TENHUISEN, KEVOR SHANE	2,885,076
		SHALHOUB, MATT	2,886,455	TG DIGESTERS CANADA INC.	2,886,455
		SHEM, LLC	2,886,349	THE BOEING COMPANY	2,873,730
				THE BOEING COMPANY	2,878,541
				THE BOEING COMPANY	2,882,473
				THE BOEING COMPANY	2,883,728

**Index of Canadian Applications Open to Public Inspection
September 20, 2015 to September 26, 2015**

THOMAS & BETTS		ZEMEL, MARC	2,885,464
INTERNATIONAL, INC.	2,881,884	ZENG, WANTING	2,882,585
THOMPSON, STEPHEN		ZHANG, JINGZENG J.	2,847,014
NATHANIEL	2,884,443	ZHANG, JUNBIN	2,855,060
THRELKELD, KEVIN CHRIS	2,881,649	ZHANG, ZHIQUN	2,885,628
TORGERSRUD, RICHARD	2,885,816	ZOCHER, WALTER	2,886,349
TOYOTA JIDOSHA			
KABUSHIKI KAISHA	2,885,336		
TOYOTA JIDOSHA			
KABUSHIKI KAISHA	2,885,462		
TOYOTA JIDOSHA			
KABUSHIKI KAISHA	2,885,733		
TRIFUNOVIC, SLOBODAN	2,853,586		
TSUBOSA, DAISUKE	2,882,585		
TSUTSUI, HAYATO	2,864,492		
TSUTSUI, HAYATO	2,868,889		
TSUTSUI, HAYATO	2,868,892		
TSUTSUI, HAYATO	2,868,898		
TYGARD MACHINE & MANUFACTURING COMPANY	2,886,054		
TYGARD, EDWARD	2,886,054		
TYMKO, DEAN	2,847,341		
UEKI, TAKESHI	2,868,892		
UEKI, TAKESHI	2,868,898		
UNIVERSAL FOREST PRODUCTS, INC.	2,885,709		
UNIVERSITY OF SASKATCHEWAN	2,846,960		
UXP SYSTEMS INC.	2,847,430		
UXP SYSTEMS INC.	2,847,433		
VALLEE, ALEXANDER JOSEPH, JR.	2,884,651		
VAN POL, JOHANNES HUBERTUS GERARDUS	2,885,079		
VAN AIR DESIGN INC.	2,847,131		
VELLY, MARIE	2,885,633		
VENENCIE, JEAN-LOUIS	2,885,132		
VERBAKEL, HENRY	2,847,505		
VERMILYEA, MARK ERNEST	2,884,651		
VITAL BIOMEDICAL TECHNOLOGIES INC.	2,886,126		
WAAG, ULF	2,885,672		
WAGHMARE, GEMINI	2,847,430		
WAGHMARE, GEMINI	2,847,433		
WANG, JERRY	2,847,430		
WANG, JERRY	2,847,433		
WANG, ZHONGXING	2,875,099		
WARNER, MICHAEL V.	2,885,978		
WEBER, MAREC	2,872,024		
WEN, JIANGTAO	2,885,501		
WEN, ZIYU	2,885,501		
WENDLING, DAVE	2,847,314		
WILBUR MOUTON, CALVYN	2,886,349		
WILSON, THOMAS	2,873,730		
WOOD, AARON	2,886,219		
WORTCHE, HEINRICH JOHANNES	2,885,079		
WORTCHE, HEINRICH JOHANNES	2,885,157		
WU, XIAOWEN	2,882,585		
XIAO, CHAOHONG	2,882,585		
YAKSIC, MATTHEW	2,885,069		
YAU, VICKING WAI KING	2,847,131		

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

0984494 B.C. LTD.	2,904,547	AHMED, MALLIK R.	2,904,007	AMNEAL	
3M INNOVATIVE PROPERTIES COMPANY	2,903,967	AINSWORTH, DAVID	2,903,942	PHARMACEUTICALS, LLC	2,904,416
3M INNOVATIVE PROPERTIES COMPANY	2,904,580	AINSWORTH, DAVID	2,903,947	AMO DEVELOPMENT, LLC.	2,904,663
A&P TECHNOLOGY, INC.	2,904,361	AIR PRODUCTS AND CHEMICALS, INC.	2,904,105	ANAND, VIVEK	2,904,292
A-KEY S.R.L.	2,903,960	AIRCELLE	2,904,311	ANANTHARAMAIAH, G. M.	2,903,869
A-Z LTD.	2,904,102	AJDELSZTAJN, LEONARDO	2,904,185	ANDERSON, RICHARD	2,903,986
ABBOT, STEWART	2,904,014	AKAMATSU, YOSHIKO	2,904,532	ANDRITZ OY	2,903,964
ABBOTT LABORATORIES	2,903,709	AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,903,978	ANELLOTECH, INC.	2,904,343
ABBOTT LABORATORIES	2,903,767	AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,904,168	ANGELO, GERALD JAY	2,904,362
ABBOTT LABORATORIES	2,904,021	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,904,154	ANNOUN, ZAKARIA	2,904,254
ABBOTT LABORATORIES	2,904,119	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,904,159	ANOR, TOMER	2,904,628
ABBOTT LABORATORIES	2,904,157	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,904,173	ANTHROGENESIS CORPORATION	2,904,014
ABBOTT LABORATORIES	2,904,370	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,904,429	APPENZELLER, ANDREAS	2,904,278
ABBOTT LABORATORIES	2,904,400	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,904,442	APPLIED DNA SCIENCES INC.	2,904,026
ABBOTT, STEWART	2,904,230	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,904,501	APPLIED MEDICAL RESOURCES CORPORATION	2,904,678
ABBVIE BIOTECHNOLOGY LTD.	2,904,532	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,904,502	APPLIED MEDICAL RESOURCES CORPORATION	2,904,686
ABBVIE BIOTHERAPEUTICS INC.	2,904,528	AL-NAKHLI, AYMAN R.	2,904,094	ARAS, RAHUL	2,904,540
ABBVIE INC.	2,903,910	AL-TAQ, ALI A.	2,904,094	ARAXES PHARMA LLC	2,904,393
ABBVIE INC.	2,904,048	ALAVATTAM, SREEDHARA	2,904,166	ARCHROMA IP GMBH	2,904,110
ABBVIE INC.	2,904,049	ALAVATTAM, SREEDHARA	2,904,169	ARCULUS-MEANWELL, CLIVE ARTHUR	2,904,523
ABBVIE INC.	2,904,407	ALBERS, JOSEPH C.	2,903,997	ARDINGER, JEFFERY	2,904,623
ABBVIE INC.	2,904,448	ALBERT, JEFFREY	2,904,364	ARIEL, TAMI	2,904,035
ABDEL-MEGUID, SHERIN SALAHELDIN	2,904,660	ALBITAR, MAHER	2,904,088	ARKEMA FRANCE	2,904,384
ABDEL-MEGUID, SHERIN SALAHELDIN	2,904,662	ALEXANDER, B. RUSSELL	2,904,410	ARKEMA INC.	2,904,590
ABDELSAMED, YASER S.	2,904,368	ALGISYS, LLC	2,904,038	ARMBRUSTER, FRANZ PAUL	2,904,433
ABITZ, PETER R.	2,904,503	ALLEN, SCOTT	2,904,514	ARNO THERAPEUTICS	2,904,116
ABL IP HOLDING LLC	2,904,368	ALLISON TRANSMISSION, INC.	2,904,437	ARONSON, WILLIAM DALE	2,904,303
ABOU-GHARBI, MAGID	2,904,662	ALNYLAM		ARRANGED BVBA	2,904,499
ABUHAMAD, ALFRED Z.	2,904,360	ALNYLAM PHARMACEUTICALS, INC.	2,904,654	ARRIS TECHNOLOGY, INC.	2,904,319
ACORDA THERAPEUTICS, INC.	2,904,055	ALTHOFF, ERIC	2,904,537	ARRIS TECHNOLOGY, INC.	2,904,376
AD GIANTS, LLC	2,904,097	ALTUNDAS, YUSUF BILGIN	2,904,008	ARRIS TECHNOLOGY, INC.	2,904,378
ADAMO, ANDREA	2,904,355	ALVAREZ, SALVADOR	2,904,610	ARRIS TECHNOLOGY, INC.	2,904,607
ADAMY, STEVEN T.	2,904,574	ALVARO, DOMENICO	2,904,140	ARRIS TECHNOLOGY, INC.	2,904,613
ADB AIRFIELD SOLUTIONS	2,904,410	ALVEY, JOHN D.	2,904,216	ARRIS TECHNOLOGY, INC.	2,904,615
ADEFRIS, NEGUS B.	2,903,967	ALVEY, JOHN D.	2,904,221	ARRIS TECHNOLOGY, INC.	2,904,622
ADKINS, RICK L.	2,903,913	ALVEY, JOHN D.	2,904,268	ASHTON, PAUL	2,904,077
AERPIO THERAPEUTICS INC.	2,903,871	AMAZON TECHNOLOGIES, INC.	2,903,992	ASOKAN, ARAVIND	2,904,396
AERYON LABS INC.	2,904,575	AMAZON TECHNOLOGIES, INC.	2,904,281	ASSA ABLOY AB	2,904,150
AFTAB, BLAKE T.	2,904,630	AMGEN INC.	2,904,337	ASSI, MILANJOT SINGH	2,903,966
AGAIN LIFE ITALIA SRL	2,904,112	AMGEN INC.	2,904,411	ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS	2,904,430
AGHVANYAN, ANAHIT	2,904,106	AMICK, MATTHEW PAUL	2,904,429	ATEN, RALPH MUNSON (DECEASED)	2,904,209
AGHVANYAN, ANAHIT AGRICULTURAL MAGNETICS, LTD.	2,904,074			ATKINSON, DAVID	2,904,110
AH KUN, MALCOLM RUSSELL	2,904,281			ATKINSON, ROBERT S., JR.	2,904,211
AHIRRAO, VINOD				AUTOTRADER.COM, INC.	2,904,163
KASHINATH	2,904,079			AVERILL, BRYAN M.	2,904,243
AHMADIANI, NEDA	2,904,647			AVERILL, BRYAN M.	2,904,248

Index of PCT Applications Entering the National Phase

AVERY DENNISON CORPORATION	2,904,584	BAYER PHARMA AKTIENGESELLSCHAFT	2,903,925	BIRKMEYER, PAUL MICHAEL	2,904,365
AYABE, KEIICHI	2,904,022	BAYER PHARMA AKTIENGESELLSCHAFT	2,904,149	BJERRING, PER	2,903,914
AYMES, CHARLES	2,904,061	BAYLOR COLLEGE OF MEDICINE	2,904,230	BLACKBERRY LIMITED	2,904,023
AZZOLIN, JEFFREY DANIEL BRUNO	2,903,905	BAYLOR COLLEGE OF MEDICINE	2,904,236	BLADETECH HOCKEY INC.	2,903,905
B/E AEROSPACE, INC.	2,904,113	BAYLOR COLLEGE OF MEDICINE	2,904,369	BLAIN, CHRISTOPHER C.	2,904,390
B/E AEROSPACE, INC.	2,904,303	BCS BUSINESS CONSULTING SERVICES PTE LTD.	2,904,558	BLAIN, JASON	2,903,999
B/E AEROSPACE, INC.	2,904,371	BEACH, NESTOR	2,904,297	BLAIN, JASON	2,904,280
BABIKIAN, DIKRAN	2,904,318	BEATTY, PERRIN	2,903,930	BLAIR, BRUCE	2,904,331
BABKO-MALYI, SERGEI	2,904,190	BEAUCHESNE, FRANCOIS	2,904,218	BLAIR, RICHARD	2,903,987
BACCHERETI, MARCO	2,904,179	BECERRA, MATTHEW A.	2,904,678	BLAIR, RICHARD GEORGE	2,904,323
BAERLOCHER GMBH	2,904,201	BECKWITH, ROHAN ERIC JOHN	2,904,184	BLAIR, RICHARD GEORGE	2,904,375
BAIN, KENNETH REES	2,904,185	BECTON, DICKINSON AND COMPANY	2,904,017	BLANKENSHIP, YUFEI WU	2,904,023
BAJAJ, PAUL S.	2,904,444	BECTON, DICKINSON AND COMPANY	2,904,121	BLANSFIELD, TERRY	2,904,004
BAKALETZ, LAUREN O.	2,904,388	BEEKMANN, ALFRED	2,903,995	BLASS, BENJAMIN	2,904,662
BAKER, CHRISTOPHER L.	2,904,542	BEIJING UGETLIGHT CO., LTD.	2,904,417	BLOM, PETRA	2,904,462
BAKER, CHRISTOPHER RANDOLPH	2,904,542	BELHOCINE, KAMILA	2,903,874	BLUME-JENSEN, PETER	2,904,441
BALASUBRAMANIAN, SHANKAR	2,904,589	BELL, BRANDON WAYNE	2,904,006	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,904,210
BALL CORPORATION	2,904,576	BELL, MEREDITH	2,904,081	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,904,394
BALL, CHRISTOPHER J.	2,903,977	BELL, MICHAEL S.	2,904,200	BOBRICK WASHROOM EQUIPMENT, INC.	2,904,318
BALZARINI, AMOS	2,904,423	BENDELS, STEFANIE	2,903,588	BODE, DANIEL	2,904,159
BAN, YIH-EN ANDREW	2,904,537	BENE, ERIC	2,904,017	BODE, DANIEL	2,904,442
BANACH, TIMOTHY EDWARD	2,904,442	BENEZECH, PHILIPPE JEAN RENE MARIE	2,903,249	BODE, DANIEL	2,904,501
BANACH, TIMOTHY EDWARD	2,904,501	BENOIT, GERARD	2,904,232	BODE, DANIEL	2,904,502
BANACH, TIMOTHY EDWARD	2,904,502	BERG, ROBERT	2,904,468	BODE, HEINRICH E.	2,904,522
BANAVARA, DATTATREYA	2,904,216	BERGANA, MARTI	2,904,400	BOEGER, BRIAN	2,904,172
BANAVARA, DATTATREYA	2,904,221	BERGES, LARRY E.	2,904,263	BOGDAN, ANDREW	2,903,910
BANAVARA, DATTATREYA	2,904,268	BERGMAN, JAN	2,904,468	BOGDAN, ANDREW	2,904,049
BAND, ELLIOT ISAAC	2,903,978	BERNARD, PATRICK	2,903,950	BOING, JAN	2,903,973
BANDO, MIKIO	2,903,959	BERNOH, MICHAEL	2,904,113	BOISSINOT, KAREL	2,904,545
BANFI, SANDRO	2,904,164	BERRADA, ABDELKRIM	2,904,026	BOLANOS, EDUARDO	2,904,686
BANKS, RODNEY H.	2,904,565	BESTEL, JORGE	2,904,563	BOLKAN, STEVEN	2,904,574
BARKER, JONATHAN	2,904,155	BESTWICK, RICHARD K.	2,903,872	BOMBARDIER INC.	2,903,971
BARNES, DAVID	2,904,155	BETNEY, MATTHEW	2,904,057	BOMBARDIER INC.	2,904,043
BARNETT, CHRISTIAN	2,904,077	BETTENCOURT, BRIAN	2,904,654	BOMBARDIER, LEON	2,904,218
BARNETT, CHRISTIAN	2,904,204	BEVIER, GREGG	2,904,193	BOND, ANDREW H.	2,904,340
BARNHORST, JACOB ALAN	2,904,391	BEYER, MONIKA	2,904,105	BONDET, ANDREW H.	2,896,409
BARRETT-REIS, BRIDGET	2,904,400	BHASIN, SHALENDER	2,904,293	BONDET, PIERRE	2,896,409
BARTLEY, STUART L.	2,903,985	BHAWSAR, SATISH	2,904,079	BOR, ZSOLT	2,904,663
BARUDI, SAMIR	2,904,591	BHAWSAR, SATISH	2,904,082	BORGWARDT, PETER A.	2,904,613
BARYZA, JEREMY LEE	2,904,184	BHAWSAR, SATISH	2,904,084	BORKIN, DMITRY	2,904,612
BASF SE	2,904,192	BHAWSAR, SATISH	2,904,089	BORODOVSKY, ANNA	2,904,654
BASF SE	2,904,354	BHORANIA, JEVIN C.	2,903,983	BOSHEARS, MICHAEL WAYNE	2,904,534
BASU MALLICK, PRATEEK	2,904,392	BILLIG, JEREMY D.	2,903,870	BOSIO, LUCA	2,904,179
BASU, SHUBHAMITA	2,903,985	BINUN, PAUL	2,904,409	BOSTON BIOMEDICAL, INC.	2,904,152
BATES, BRIAN J.	2,903,977	BIOGEN MA INC.	2,904,334	BOSTON SCIENTIFIC SCIMED, INC.	2,904,005
BATRA, HITESH	2,904,598	BIOGRAMMATICS, INC.	2,904,333	BOSTON SCIENTIFIC SCIMED, INC.	2,904,058
BATRES, BENJAMIN	2,904,426	BIOMET 3I, LLC	2,904,572	BOSWELL, CRAIG	2,904,398
BATT, DAVID BRYANT (DECEASED)	2,904,090	BIOMET MANUFACTURING, LLC	2,904,029	BOUVIER, MARCEL	2,904,663
BAUM, KEVIN L.	2,904,319	BIOMET MANUFACTURING, LLC	2,904,427	BOWMAN, KEITH	2,904,184
BAUM, KEVIN L.	2,904,376	BIOVEN 3 LIMITED	2,904,506	BOYD, JAMES S.	2,904,037
BAUM, KEVIN L.	2,904,378	BIRCH, STEPHEN J.	2,904,004	BP CHEMICALS LIMITED	2,903,938
BAUM, THOMAS	2,904,363			BRAINSCOPE COMPANY, INC.	2,904,529
BAY, WILLIAM ELLIOT	2,904,685			BRAKE, ROBERT PERRY	2,904,411
BAYER CROPSCIENCE LP	2,903,930			BRANDSMA, JELTE	2,903,973
BAYER HEALTHCARE LLC	2,904,689			BRANDT, LAURA	2,904,574
BAYER MATERIALSCIENCE LLC	2,903,913			BREAZEAL, CYNTHIA	2,904,359
BAYER MEDICAL CARE INC.	2,904,000				

Index des demandes PCT entrant en phase nationale

BREED, JASON A.	2,904,249	CARNEGIE MELLON UNIVERSITY	2,904,542	CHILDERS, JENNIFER L.	2,904,373
BREGUET, OLIVIER	2,903,922	CARNIAUX, JEAN-FRANCOIS	2,904,374	CHILDERS, WAYNE	2,904,662
BRESCH, ERIK	2,903,969	CARPINO, GUIDO	2,904,140	CHILDREN'S HEALTHCARE OF ATLANTA, INC.	2,904,346
BROCHMANN, OYVIND	2,903,902	CARUANA, IGNAZIO	2,904,236	CHILDREN'S MEDICAL CENTER CORPORATION	2,904,628
BRODY, DAVID E.	2,904,010	CARUEL, PIERRE	2,904,311	CHIMEROCHEM LLC	2,904,011
BROWN, DAVID EVERARD	2,903,992	CARVALHAL, VERONICA	2,903,589	CHITTOOR, JAISHREE M.	2,904,408
BROWN, DAVID EVERARD	2,904,281	CASOLARI, JASON	2,904,395	CHMIELEWSKI, THOMAS	2,904,330
BROWN, KATHERINE MARIE	2,903,870	CASTLE BIOSCIENCES, INC.	2,904,283	CHO, YOUNG SHIN	2,903,979
BROWN, MIKE	2,904,673	CASTLE, LINDA A.	2,904,537	CHOI, JAE-JOON	2,904,497
BROWN, PETER D.	2,904,143	CASTNER, JAMES	2,904,342	CHOI, SHIN-KYU	2,904,161
BROWNING, MARGARET J.	2,904,227	CATAFORD, PAUL	2,904,608	CHOJNOWSKI, DANIEL	2,904,429
BRUEHWILER, MICHEL	2,904,017	CATINA, DANIEL	2,904,292	CHONG, GERALD	2,903,911
BRUNELL, STEPHEN	2,903,632	CELGENE CORPORATION	2,904,230	CHOWDHURY, CHANCHAL SUR	2,903,921
BRUNS, ROBERT	2,904,073	CELLAEGIS DEVICES, INC.	2,904,597	CHRISTENSEN, KEVIN M.	2,904,248
BRYANT, GREGORY OREN	2,903,870	CENTRE HOSPITALIER UNIVERSITAIRE VAUDOIS (C.H.U.V)	2,903,993	CHRISTIANS, FREDERICK	2,903,873
BRYSON, JOSHUA	2,904,440	CEPHALON, INC.	2,904,143	CHU, MICHAEL S.H.	2,904,058
BUCHHOLZ, MIRKO	2,904,465	CHALANDON, BERNARD ALAIN JACQUES	2,904,078	CHU, YI-FANG	2,904,348
BUDDINGTON, RANDAL	2,904,370	CHAN, PHILIP	2,903,965	CHUGUNOV, NIKITA	2,904,008
BUGNER, STEFFEN	2,904,500	CHANDRAN, RAJ	2,904,119	CHUNG, YONG-SOO	2,904,348
BULLINGTON, JEFF	2,904,059	CHANG, YU-LIN	2,904,424	CHURCH & DWIGHT CO., INC.	2,904,574
BULLOCK, STEPHEN	2,904,373	CHAPEL, STEVE	2,904,199	CIALLELLA, JOHN	2,904,539
BUNIS, DAN ALEXANDRU	2,903,915	CHAPPELL, THOMAS G.	2,904,333	CIERPICKI, TOMASZ	2,904,612
BURATTIN, LODOVICO	2,904,112	CHAR-BROIL, LLC	2,904,007	CLARK, JASON K.	2,903,600
BURCH, HEIDI ELIZABETH	2,904,209	CHARISSE, KLAUS	2,904,654	CLARKE, HOWARD R.	2,904,125
BURG, J. LAWRENCE	2,904,593	CHARLEBOIS, STEVEN	2,904,606	CLARKSON, SOOJI HOPE	2,903,966
BURGISS, MICHAEL JOHN	2,904,163	CHARLES-HARRIS FERRER, MONTSERRAT	2,904,435	CLAVEL LARIA, PABLO	2,904,435
BURNEY, JASON R.	2,904,577	CHARLTON, KEITH ALAN	2,904,506	CLAY, BRIAN K.	2,903,975
BURNEY, JASON R.	2,904,579	CHARLTON, STEVEN C.	2,904,689	CLINGER, CHRISTINE	2,904,400
BUSCH, MICHAEL	2,903,901	CHARRIER, NICOLAS	2,904,176	CMC ICOS BIOLOGICS, INC.	2,904,125
BUSKER, KAI	2,903,995	CHART INC.	2,904,379	COGLITORE, GIOVANNI	2,904,619
BUTLER, JAMES	2,904,654	CHASTEEN, HOWARD C.	2,904,576	COLBERT, CHRISTOPHER	2,904,279
BUTTERBACH, EDELTRAUD	2,904,147	CHATEL, ROBERT E.	2,904,348	COLE, PATRICIA J.	2,904,406
BYRER, CRYSTAL	2,904,184	CHATTERJEE, ARNAB K.	2,904,160	COLE, RUSSELL	2,904,017
BYRD, RICHARD	2,904,121	CHE, JIANWEI	2,903,976	COLEMAN, STRUAN	2,904,653
C & C BIOPHARMA, LLC	2,904,339	CHELLAPPAN, SHEELA K.	2,904,436	COLLINS, KATHY S	2,904,197
CABRERA, RICARDO RUEDA	2,904,021	CHEMISCHE FABRIK BUDENHEIM KG	2,904,500	COLLINS, THOMAS M.	2,904,647
CABRERA, RICARDO RUEDA	2,904,157	CHEN, GUOHUA	2,903,583	COMELLO, CORRY	2,904,228
CADY, DANIEL	2,904,153	CHEN, GUOHUA	2,904,335	COMMANDEUR, ULRICH	2,904,472
CAE INC.	2,888,192	CHEN, HUNG-TING	2,904,604	CONCERT PHARMACEUTICALS, INC.	2,904,054
CAFERRO, THOMAS RAYMOND	2,903,979	CHEN, JIANJUN	2,904,338	CONCERT PHARMACEUTICALS, INC.	2,904,148
CAGGIANO, ANTHONY O.	2,904,055	CHEN, JIE	2,904,368	CONNER, MARK	2,904,153
CAI, ZHIJUN	2,904,023	CHEN, LIN	2,904,339	CONSTANTINEAU, COLE	2,904,017
CALDARONE, CHRISTOPHER	2,904,504	CHEN, QUIN-ZENE	2,904,045	CONTE, IVAN	2,904,164
CALDERINI, MICHEL	2,903,903	CHEN, SONGHUA	2,904,211	COOK BIOTECH INCORPORATED	2,904,606
CALIAS, PERICLES	2,904,052	CHEN, XIAOJIANG	2,904,339	COOK MEDICAL TECHNOLOGIES LLC	2,904,606
CALLEWAERT, MIKE	2,904,252	CHEN, XIRAN	2,904,417	COOK, JASON EDWARD	2,904,420
CAMARA-CLAYETTE, VALERIE	2,904,149	CHEN, YAN	2,904,610	COOK, ROBERT WILLIS	2,904,283
CAMELBAK PRODUCTS, LLC	2,904,390	CHEN, YI-WEN	2,904,424	COOPER TECHNOLOGIES COMPANY	2,904,203
CAMPBELL, KATIE LYNN	2,904,209	CHEN, ZHUOLIANG	2,903,979	COOPER, GORDON ROBERT JOHN	2,895,099
CANAVAN, EUGENE	2,904,515	CHENG, CALVIN HOI WUNG	2,904,092	COOPER, LAURENCE J. N.	2,904,210
CANEER, GREG	2,904,390	CHENG, ENJUN	2,904,420	CORAMED TECHNOLOGIES, LLC	2,904,616
CANHAM, LEIGH T.	2,904,077	CHENG, YU-TING	2,904,343		
CANHAM, LEIGH T.	2,904,204	CHERA, SIMONA	2,904,198		
CANNAN, CHAD	2,904,153	CHESTER, JOHN WILLIAM	2,904,128		
CAPE, SAMUEL M.	2,904,356	CHEVALIER, STEPHANIE	2,903,950		
CAPELLI, CHRISTOPHER C.	2,904,394	CHEVRON PHILLIPS CHEMICAL COMPANY LP	2,904,197		
CARBO CERAMICS INC.	2,904,153	CHICO ROCA, LLUIS	2,904,435		
CARDER, GARY D.	2,904,348				
CARDINALE, MICHAEL	2,903,904				
CARDINALE, VINCENZO	2,904,140				
CAREFUSION 303, INC.	2,904,004				
CARL, STEPHEN M.	2,904,327				

Index of PCT Applications Entering the National Phase

CORBIT, KEVIN		DAY, NEIL M.	2,903,119	DILLON, DONOVAN	2,904,097
CHRISTOPHER	2,904,337	DAYCO IP HOLDINGS, LLC	2,904,271	DIMARCHI, RICHARD D.	2,904,332
CORDERO, RAFAEL	2,904,190	DE LA GARZA, JAVIER		DINDI, HASAN	2,904,172
CORIUM INTERNATIONAL, INC.	2,903,583	VALDES	2,904,113	DING, GUOCHENG	2,903,912
CORIUM INTERNATIONAL, INC.	2,904,335	DE LA RUE NORTH AMERICA INC.	2,904,331	DING, ZHONGLI	2,903,583
CORNELIUS, INC.	2,904,325	DE LOUBENS, ROMAIN	2,904,008	DING, ZHONGLI	2,904,335
CORREIA, VICTOR HUGO SILVA	2,903,998	DE MARIA, LEONARDO	2,903,934	DIROCCO, THOMAS	2,903,589
COSSU, VALENTINA	2,903,960	DE ZOETEN, ERIC	2,903,956	DISCGENICS, INC.	2,904,138
COSTALES, ABRAN Q.	2,903,979	DEAKIN, KYLE	2,904,546	DISH NETWORK L.L.C.	2,904,434
COSTELLA, STEPHEN	2,904,519	DEAL, DAVID R.	2,904,541	DOMENICO, CALVIN	2,904,653
COSTELLO, LORI	2,903,986	DEAL, JEFFERY L.	2,904,541	DOMINGUEZ, CRISTINA	2,904,110
COTE, YANICK	2,888,192	DECKER, STEVEN E.	2,904,678	DOMINGUEZ-BENDALA, JUAN	2,904,140
COUNTER, JAMES	2,904,566	DEEGAN, PAUL TIMOTHY	2,904,679	DONALDSON COMPANY, INC.	2,904,320
COURCHENE, CHARLES E.	2,904,503	DEICHMANN, THORSTEN	2,904,412	DORNER, ROBERT W.	2,904,604
COWLEY, RICHARD ANTONY	2,903,939	DELBRIDGE, EWAN E.	2,904,215	DORSCH, DIETER	2,903,901
COX, STEVEN A.	2,904,680	DELGADO, ADON, JR.	2,904,175	DORSCH, DIETER	2,903,903
CRABB, CHARLES C.	2,904,384	DELGADO, ELENA OLIVEROS	2,904,157	DOSE MEDICAL CORPORATION	2,904,642
CRACAUER, RAYMOND	2,904,597	DELIE, FLORENCE	2,903,993	DOTTI, GIANPIETRO	2,904,236
CRAIN, TONY R	2,904,197	DELMENICO, PETER	2,904,616	DOTTI, GIANPIETRO	2,904,369
CRAMM, JEFFREY R.	2,904,587	DELORENZIS, DAMON	2,904,101	DOW AGROSCIENCES LLC	2,904,341
CRAUN, GARY PIERCE	2,904,154	DEMPSEY, JAMES F.	2,904,330	DOW GLOBAL TECHNOLOGIES LLC	2,903,909
CRAUN, GARY PIERCE	2,904,442	DEMPSEY, JAMES F.	2,904,594	DOWELL, BARRY L.	2,903,767
CRAUN, GARY PIERCE	2,904,501	DEMUTH, HANS-ULRICH	2,904,465	DRAGER, ANTHONY S.	2,904,143
CRAUN, GARY PIERCE	2,904,502	DENDARY, MELANIE	2,903,950	DRAGNA, LEE	2,904,220
CREGG, JAMES M.	2,904,333	DENOVX, LLC	2,904,340	DROSTE, PETER C.	2,904,627
CREGG, JAMES M.	2,904,367	DENSO CORPORATION	2,904,235	DRUBE, PAUL	2,904,379
CREMONA, DOMINIC	2,904,667	DENSO CORPORATION	2,904,251	DSM NUTRITIONAL PRODUCTS AG	2,904,505
CROFTS, JOHN	2,904,638	DENSO WAVE INCORPORATED	2,904,235	DUARTE, LAWRENCE ALEXANDER	2,903,870
CRONIN, BEAU DAVID	2,904,526	DENSO WAVE INCORPORATED	2,904,251	DUCTOR OY	2,904,573
CROW, ANDREW C.	2,904,002	DENTAL LAB AESTHETICS, LLC	2,904,345	DUENCKEL, ROBERT	2,904,153
CROWLEY, ROBERT	2,904,394	DEPUY SYNTHES PRODUCTS, INC.	2,904,225	DUGUID, ANNIE	2,904,087
CRUCELL HOLLAND B.V.	2,903,937	DEPUY SYNTHES PRODUCTS, INC.	2,904,676	DUINEVELD, PETRUS NICOLAAS	2,904,104
CSA MEDICAL, INC.	2,904,190	DEPUY SYNTHES PRODUCTS, LLC	2,904,278	DUNCTON, MATTHEW	2,904,610
CUDNEY, JAMES	2,904,053	DERBY, MICHAEL C.	2,904,445	DUNYAK, JAMES PATRICK	2,904,441
CUE INC.	2,904,135	DEROSA, FRANK	2,904,151	DURAFLAME, INC.	2,904,591
CUMMINS, JONATHAN	2,904,374	DESHPANDE, PRASAD KESHAV	2,904,079	DUTHIE, NEIL GRAY	2,903,966
CYCLA ORTHOPEDICS LTD.	2,904,487	DESHPANDE, PRASAD KESHAV	2,904,082	DUTIL, KEVIN GERARD	2,904,271
CYMEDICA, INC.	2,904,653	DESHPANDE, PRASAD KESHAV	2,904,084	E. I. DU PONT DE NEMOURS AND COMPANY	2,904,132
D'ENTREMONT, JAYNE	2,903,930	DESHPANDE, PRASAD KESHAV	2,904,089	E. I. DU PONT DE NEMOURS AND COMPANY	2,904,136
D'HONDT, ERIK	2,904,506	DESY, PHILIPPE	2,903,971	E. I. DU PONT DE NEMOURS AND COMPANY	2,904,172
D'ORAZIO, PAUL	2,904,589	DESY, PHILIPPE	2,904,043	E. I. DU PONT DE NEMOURS AND COMPANY	2,904,328
DAGAN, BOAZ	2,904,484	DETOR, ANDREW JOSEPH	2,904,185	EASTERN VIRGINIA MEDICAL SCHOOL	2,904,360
DAI, YUJIA	2,903,910	DEVRIESE, PETER	2,904,499	EASTLAKE, CHARLES N.	2,903,986
DAIMON, EMIKO	2,904,237	DHILLON, BRAHAM K.	2,904,652	ECKELBARGER, JOSEPH D.	2,904,341
DALEY, RICHARD A.	2,903,593	DIAGEN D.O.O.	2,903,970	ECOLAB USA INC.	2,904,516
DAMUS, ROBERT S.	2,904,675	DICKMEIS, CHRISTINA	2,904,472	ECOLAB USA INC.	2,904,557
DAMUS, ROBERT S.	2,904,681	DIEHL, LAURI	2,904,095	ECOLAB USA INC.	2,904,560
DARLEY, JESSE CHARLES	2,904,347	DIEHN, SCOTT	2,904,002	ECOLAB USA INC.	2,904,565
DAUGHENBAUGH, RANDY E.	2,904,439	DIETERICH STANDARD, INC.	2,904,679	ECOLAB USA INC.	2,904,566
DAVAL, ROMARY GEORGES MARCEL	2,904,078	DIETERICH, PETRA	2,904,374	ECOLAB USA INC.	2,904,567
DAVIDSON, ERIC	2,903,603	DIETRICH, JUSTIN D.	2,903,910	ECOLAB USA INC.	2,904,570
DAVIES, JEFF	2,904,390	DIFELICE, ERIC T.	2,904,117	ECOLAB USA INC.	2,904,571
DAVIS, BARRIE	2,904,194	DILLON, BRIAN	2,904,315	ECOLAB USA INC.	2,904,577
DAVIS, BENJAMIN	2,904,194				
DAVIS, CHARLES WOODVILLE	2,903,978				
DAVIS, ERIC	2,904,363				
DAVIS, GERARD	2,904,119				
DAVIS, STEVEN	2,904,400				
DAWSON, KARL W.	2,904,546				

Index des demandes PCT entrant en phase nationale

ECOLAB USA INC.	2,904,579	EVONIK DEGUSSA GMBH	2,904,137	FLYNN, WILLIAM JOSEPH, III	2,904,056
ECOLAB USA INC.	2,904,581	EXACTEARTH LTD.	2,904,227	FOAMTEC INTERNATIONAL	
ECOLAB USA INC.	2,904,587	EXELIS INC.	2,904,297	CO., LTD.	2,904,358
ECOLAB USA INC.	2,904,599	EXPONENTIAL		FOLEY, ADAM J.	2,904,514
ECOLAB USA INC.	2,904,604	TECHNOLOGIES, INC.	2,903,906	FOLEY, ADAM J.	2,904,515
ECONOMIDES, ARIS	2,904,644	F. HOFFMANN-LA ROCHE AG	2,903,588	FOLEY, KEVIN T.	2,904,138
ECONOMIDES, ARIS N.	2,904,385	F. HOFFMANN-LA ROCHE AG	2,904,040	FOLEY, PETER M.	2,904,117
EDENS, NEILE	2,904,119	F. HOFFMANN-LA ROCHE AG	2,904,256	FONDAZIONE TELETHON	2,904,164
EGAN, LAWRENCE JOSEPH	2,904,303	FACEBOOK, INC.	2,904,056	FORSVARETS	
EHRlich, AVSHALOM	2,904,485	FACEBOOK, INC.	2,904,207	FORSKNINGSINSTITUTT	2,903,957
EIBON, WILLIAM E.	2,904,315	FACEBOOK, INC.	2,904,217	FOSTER, DAVID	2,904,073
EICHEL, DIRK	2,904,098	FACEBOOK, INC.	2,904,336	FOSTER, DONALD	2,904,654
EICHEL, DIRK	2,904,103	FACEBOOK, INC.	2,904,619	FOSTER, SAMUEL T.	2,904,405
EILAT, ERAN	2,904,507	FAIRFIELD INDUSTRIES		FOX, RANDI	2,904,547
ELBASIONY, AMR	2,904,512	INCORPORATED	2,904,263	FRANANO, F. NICHOLAS	2,903,632
ELSHOURBAGY, NABIL	2,904,660	FALB, ELIEZER	2,904,374	FRANCHINO, DAVE	2,904,347
ELSHOURBAGY, NABIL	2,904,662	FALTEISEK, STEVEN L.	2,904,580	FRANCO, ZADSON DE	
EMBRY-RIDDLE		FAN, WEI LI	2,904,190	ALMEIDA	2,904,094
AERONAUTICAL		FARAH, MATHIEU	2,904,218	FRANK, DIANE ELIZABETH	2,903,872
UNIVERSITY, INC.	2,903,986	FARMER, DAVID E.	2,904,097	FRANKLIN, SCOTT	2,904,395
EMEOTT, STEPHEN P.	2,904,376	FARNTROG, ERIC	2,904,349	FRAUNHOFER-	
EMERSON ELECTRIC CO.	2,904,680	FARRELL, ERIK	2,903,906	GESELLSCHAFT ZUR	
EMGE, ANDREW WILLIAM	2,904,185	FARRELL, EUGENE MICHAEL	2,903,992	FORDERUNG DER	
ENEL DISTRIBUZIONE SPA		FARRELL, EUGENE MICHAEL	2,904,281	ANGEWANDTEN	
DIVISIONE		FASSEL, JAN	2,903,272	FORSCHUNG E.V.	2,903,900
INFRASTRUTTURE E		FAURE, THIBAUT	2,903,954	FRAUNHOFER-	
RETI	2,903,960	FAVA, MAURIZIO	2,904,418	GESELLSCHAFT ZUR	
ENERGY & ENVIRONMENTAL		FAYARD, FRANCOIS B.	2,904,008	FORDERUNG DER	
RESEARCH CENTER		FAZAL, TANZINA	2,904,184	ANGEWANDTEN	
FOUNDATION	2,904,039	FEENEY, LAUREN	2,903,589	FORSCHUNG E.V.	2,903,917
ENGLAND, JUSTEN	2,904,347	FELCH, CHAD L.	2,904,284	FRAUNHOFER-	
ENNIS, BERNARD LEO	2,903,916	FELICE, BRIAN	2,904,052	GESELLSCHAFT ZUR	
ENNIS, DERMOT JOSEPH	2,904,036	FENG, JUN	2,904,393	FORDERUNG DER	
ENTERIS BIOPHARMA, INC.	2,904,327	FERLEY, ERIC	2,904,111	ANGEWANDTEN	
EPIGENETIX, INC.	2,904,364	FERRERO, TERRY	2,904,036	FORSCHUNG E.V.	2,904,472
EPP, JEFFREY B.	2,904,341	FEUNEKES, LENDERT	2,903,973	FREE, DANIEL E.	2,904,652
EPPINK, JAY MILTON	2,904,402	FEYGIN, DAVID	2,904,121	FREEDMAN, ROBERT	2,904,292
EPPLE, THOMAS C.	2,904,584	FIDANZE, STEVEN D.	2,903,910	FREEMAN, JOHN J.	2,904,685
EPSTEIN, MICHAEL JAY	2,904,175	FIELDS, STEPHEN CRAIG	2,904,341	FRENCH, JUSTIN A.	2,904,348
ERDOS, DAVID EUGENE	2,904,434	FIELDS, THOMAS JAMES	2,904,402	FRESENIUS KABI USA, LLC	2,904,670
ERGANG, NICHOLAS S.	2,904,604	FINATEC HOLDING AG	2,903,984	FRESENIUS MEDICAL CARE	
ERICKSON, JOHN P.	2,904,354	FINCHAM, LAWRENCE R.	2,904,413	DEUTSCHLAND GMBH	2,904,469
ESSILOR INTERNATIONAL		FINCHAM, LAWRENCE R.	2,904,651	FRETZ, DARREN G.	2,904,243
(COMPAGNIE GENERALE		FINI, MASSIMO	2,904,469	FRETZ, DARREN G.	2,904,245
D'OPTIQUE)	2,904,024	FIOLKA, KYLE	2,903,906	FRETZ, DARREN G.	2,904,246
ESTES, CHRISTOPHER A.	2,904,145	FISCHER, LINDSEY G.	2,904,341	FRIEDMAN, JOEL	2,904,512
ETHICON ENDO-SURGERY,		FISCHER, RAINER	2,904,472	FRIGG, ROBERT	2,904,225
INC.	2,904,568	FISHER & PAYKEL		FRIIS, ESBEN P.	2,903,934
ETHICON ENDO-SURGERY,		HEALTHCARE LIMITED	2,903,966	FRIPP, MICHAEL LINLEY	2,903,982
INC.	2,904,578	FISHER CONTROLS		FRITSCH, JUERGEN	2,904,656
ETHICON ENDO-SURGERY,		INTERNATIONAL LLC	2,904,003	FROGLEY, KIRSTEN	
INC.	2,904,588	FISHER CONTROLS		SUZANNE	2,904,303
ETHICON, INC.	2,903,904	INTERNATIONAL LLC	2,904,006	FROMYER, STEPHEN F.	2,904,405
ETHICON, INC.	2,904,226	FISHER CONTROLS		FRUEH, KLAUS	2,904,001
ETHRIS GMBH	2,904,151	INTERNATIONAL LLC	2,904,081	FUCHS, CARSTEN	2,904,098
ETREMA PRODUCTS, INC.	2,904,459	FISHER, SCOTT J.	2,904,540	FUCHS, CARSTEN	2,904,103
ETTENBERG, SETH	2,904,090	FITZGERALD, KEVIN	2,904,654	FUCHS, LAWRENCE J.	2,904,352
EURLINGS, MARTIN	2,904,499	FKG DENTAIRE S.A.	2,903,922	FUJIEDA, RYUJI	2,904,219
EVANS, ALICIA JERRAM		FLEMING, SCOTT	2,903,965	FUJIWARA DAIKI	2,903,955
HUNTER	2,903,966	FLOORING TECHNOLOGIES		FULLER, NATHAN	2,904,398
EVERIST GENOMICS, INC.	2,904,631	LTD.	2,904,196	FUNATO, JUNICI	2,903,952
EVERIST, THOMAS STEPHEN,		FLURI, DANIEL	2,904,278	FUNCTION PROMOTING	
III	2,904,631	FLYGARE, JOHN A.	2,904,044	THERAPIES, LLC	2,904,293
EVONIK DEGUSSA GMBH	2,904,118	FLYNN, KENNETH M.	2,904,058	FUSTES, MANUEL	2,903,989

Index of PCT Applications Entering the National Phase

GADBERRY, DONALD L.	2,904,678	GEORGIA-PACIFIC	GREEN, C. BRAD	2,903,862
GADBERRY, JAMES F.	2,904,168	CONSUMER PRODUCTS	GREEN, JAMES THOMAS	2,904,195
GAGNON, MARC	2,904,544	LP	GREEN, MARTIN RAYMOND	2,903,941
GAI, DAHAI	2,904,339	GEORGOPOULOS, NIKOLAOS	GREENSTRACT, LLC	2,904,687
GALATI, DAVID G.	2,904,542	GERBER, DAVID A.	GREGORY, PHILIP D.	2,904,210
GALIBOIS, MICHEL	2,888,192	GERMAN, RYAN	GREINER, GLENN P.	2,903,986
GALLAGHER, CYNTHIA	2,904,543	GETZAT, CAROLINE	GREMBECKA, JOLANTA	2,904,612
GAMBER, GABRIEL GRANT	2,904,184	GEVERS, ANDREAS	GRETHER, UWE	2,903,588
GAMBLE, PAUL	2,904,177	GEYSELS, LAURENT	GREWAL, PARBIR	2,904,166
GAMPP, PATRICK	2,903,900	GHARTEY-TAGOE, ESI	GREWAL, PARBIR	2,904,169
GAMSEY, SOYA	2,904,127	GHARTEY-TAGOE, ESI	GREYROCK ENERGY, INC.	2,904,242
GANDHI, NIRANJAN R.	2,904,386	GHAYUR, TARIQ	GRIFFIN, STEPHEN	2,904,190
GANDHI, NIRANJAN		GHAYUR, TARIQ	GRIFFIN, THOMAS PATRICK	2,904,051
RAMANLAL	2,904,383	GHIDU, VICTOR	GROSS, LUTHER	2,904,255
GANESAN,		GIAGLIS, STAVROS	GROSS, LUTHER	2,904,261
KRISHNAMURTHY	2,904,292	GIAMPIETRO, NATALIE C.	GROSSE, JOSHUA	2,904,608
GANGULY, ANINDITA	2,904,055	GIBEAU, AMANDA	GROVER, JON	2,904,638
GANLEY, DECLAN	2,904,634	GIESWEIN, EDISON	GRT DEVELOPMENTS PTY	
GANSKE, ROCKY EUGENE	2,904,597	GIL, LAHAV	LIMITED	2,904,183
GAO, JIWEI	2,903,912	GILADI, ELDAR Y.	GRUNER, JOHN	2,904,539
GAO, SHIWEI	2,904,023	GILES, KEVIN	GRUSZIEN, CHRISTIAN	2,904,147
GAO, XINGGUO	2,903,908	GILL, JASBIR S.	GU, JIJIE	2,904,448
GARCIA, CESAR	2,904,446	GILL, JASBIR S.	GUALA TECHNOLOGY CO.,	
GARCIA, CESAR G.	2,904,443	GILOH, EHUD	LTD.	2,898,816
GARCIA, JOSE L.	2,903,962	GINGIS-VELITSKI, SVETLANA	GUENTHENSBERGER,	
GARMOR, INC.	2,903,987	GIRARD, LAURIE	KATHERINE A	2,904,341
GARMOR, INC.	2,904,059	GIRDLESTONE, JOHN	GUILD, BRAYDON CHARLES	2,904,151
GARRIS, WILLIAM ERIC	2,904,297	GIUSTI, M. MONICA	GULLIVER, LAURENCE	2,903,966
GASCOOKE, DARREN	2,904,517	GLADWIN, MARK T.	GULP OIL SKIMMERS, LLC	2,904,220
GAUDIO, EUGENIO	2,904,140	GLAUKOS CORPORATION	GUMASTE, ANAND	2,903,965
GAUDREAU, JEAN-GUY	2,903,971	GLEZER, ELI N.	GUO, HONG	2,904,204
GAUDREAU, JEAN-GUY	2,904,043	GLEZER, ELI N.	GUPTA, AMIT	2,904,571
GAWEL, SUSAN	2,904,119	GLEZER, ELI N.	GUPTA, SUNIL	
GAYDA, SUSAN	2,903,709	GLIDDEN, JONATHAN	VISHNUBHAGWAN	2,904,089
GAYDA, SUSAN	2,903,767	GLYCOSYN LLC	GUSTAVSSON, MORGAN	
GEARHART, KRISTA	2,904,606	GODBOLE, ABHIJIT	LARS AKE	2,904,409
GEDET, PHILIPPE	2,904,225	GODDARD, JAMES M.	GUTHMANN, PIERRE	2,904,109
GEDIYA, LALJI K.	2,904,170	GODDARD, RICHARD JOSEPH	GUTSCHOW, PATRICK	2,904,357
GEESMANN, FRANZ-OTTO	2,904,147	GOELLING, DETLEF	GUY, JAMIE	2,904,220
GEN-PROBE INCORPORATED	2,904,317	GOLA, MAURO	GVG OLIEHANDEL B.V.	2,904,171
GENENTECH, INC.	2,903,587	GOLDBERG, DENNIS	HAAG, JON JERROLD	2,904,320
GENENTECH, INC.	2,903,589	GONITZKE, MATT	HAAS, PHILIP E.	2,903,587
GENENTECH, INC.	2,903,596	GONZALES, DONALD A.	HABETS, EMANUEL	2,903,900
GENENTECH, INC.	2,904,095	GONZALEZ, JUAN M.	HADAL, INC.	2,904,675
GENENTECH, INC.	2,904,166	GONZALEZ, JUAN M.	HADAL, INC.	2,904,681
GENENTECH, INC.	2,904,169	GONZALEZ, JUAN M.	HADDEN, BRYANT R.	2,904,117
GENERAL ELECTRIC		GOOD, ALLEN	HAEFLIGER, JACQUES-	
COMPANY	2,903,975	GOODMAN, BRANDON C.	ANTOINE	2,903,993
GENERAL ELECTRIC		GOODREAU, CARRIE	HAFFNER, DAVID S.	2,904,068
COMPANY	2,903,990	GOODREAU, CARRIE	HAFFNER, DAVID S.	2,904,642
GENERAL ELECTRIC		GOPARAJU, VENKATA RAMA	HAGELE, MICHAEL	2,904,144
COMPANY	2,903,991	RAO	HAGGERTY, STEPHEN	2,904,155
GENERAL ELECTRIC		GORMLEY, MICHAEL	HAHN, SINUHE	2,903,921
COMPANY	2,903,997	GOTTSCHALK, STEPHEN M.	HAINES, JUSTIN C.	2,904,542
GENERAL ELECTRIC		G.	Haji, HABEEB H.	2,904,094
COMPANY	2,903,998	GP CELLULOSE GMBH	HALL, STEVEN G.	2,904,578
GENERAL ELECTRIC		GRABAU, TED DENNIS	HALL, STEVEN G.	2,904,588
COMPANY	2,904,175	GRABS, DANIELA	HALLIBURTON ENERGY	
GENERAL ELECTRIC		GRAF, JOHANN F.	SERVICES, INC.	2,903,603
COMPANY	2,904,185	GRAHAM, KEITH	HALLIBURTON ENERGY	
GENETEC INC.	2,904,253	GRANT, ANDREW SCOTT	SERVICES, INC.	2,903,982
GENZYME CORPORATION	2,904,623	GRANT, DOUGLAS W.	HALLIBURTON ENERGY	
GEORGE, JOE	2,904,087	GRASS, MICHAEL	SERVICES, INC.	2,904,124
		GRASS, MICHAEL		

Index des demandes PCT entrant en phase nationale

HALLIBURTON ENERGY SERVICES, INC.	2,904,211	HERAVI, OLIVER	2,904,245	HUANG, FENFEN	2,904,599
HALLIBURTON ENERGY SERVICES, INC.	2,904,517	HERAVI, OLIVER	2,904,248	HUANG, ZHENG-ZHENG	2,904,328
HAMANN, JENS	2,903,899	HERMAN, HERMAN	2,904,542	HUAWEI TECHNOLOGIES CO., LTD.	2,903,908
HAN, HUILING	2,904,357	HERMLE, MATTHIAS	2,903,984	HUDDLESTON, ELIZABETH MARY	2,904,067
HAN, JIE	2,904,332	HERNANDEZ, PAMELA	2,904,667	HUDSON, RICH	2,904,201
HANANIA, URI	2,904,035	HERNESNIEMI, SAARA	2,904,573	HUESKE, JEREMIAH MATTHEW	2,903,870
HAND, JAMES M.	2,904,310	HERR, BENJAMIN	2,904,053	HUGHES, IAIN ALLAN	2,903,421
HANN, BYRON C.	2,904,630	HERRERA, PEDRO	2,904,198	HUGHES, THOMAS E.	2,904,353
HANNON, DAVID	2,904,514	HERZOG, RAFI	2,904,487	HUNTER, MARK S.	2,904,352
HANSEN, BJARNE G.	2,903,934	HESS, JAY	2,904,612	HURMUZLU, YILDIRIM	2,904,483
HANSEN, SCOTT	2,904,001	HESSLE, DAPHNE	2,904,126	HUSSEY, RICHARD	2,904,363
HANUNI, UZI	2,904,484	HESTERMAN, JACOB	2,904,334	HUTSON, RICHARD B.	2,904,117
HAQUE, RAZI-UL M.	2,904,642	HICKERSON, WILLIAM	2,904,108	HUY, GERHART P.	2,904,574
HARADA, TSUYOSHI	2,904,129	HICKS, JOHN KENNETH	2,904,067	HWANG, SHARON NIAN YOU	2,904,207
HARBESON, SCOTT L.	2,904,148	HILEX POLY CO. LLC	2,904,449	IACI, JENNIFER	2,904,055
HARDING, FIONA A.	2,904,528	HILEX POLY CO. LLC	2,904,450	IBA INTERMEDIATE BULK ALLIANCE GMBH	2,903,926
HARDING, FIONA A.	2,904,532	HILEX POLY CO. LLC	2,904,525	IBA INTERMEDIATE BULK ALLIANCE GMBH	2,903,932
HARMS, VOLKER	2,904,415	HILL, DONALD G.	2,904,570	IBIQUITY DIGITAL CORPORATION	2,904,134
HARNESS, DAVID	2,863,663	HILLARD, DANNY G.	2,904,450	IDEAL INDUSTRIES, INC.	2,904,347
HAROLDSON, BARRETT DAVID	2,903,870	HINTON, PAUL R.	2,904,528	IDONE, VINCENT J.	2,904,644
HARRALL, SIMON J.	2,904,445	HINTON, PAUL R.	2,904,532	ILLING ENGINEERING SERVICES	2,904,419
HARRIS, JENNIFER	2,903,976	HIRATA, KENTARO	2,904,131	ILLING, WES	2,904,419
HARRIS, MARIA	2,904,448	HITACHI CONSTRUCTION MACHINERY CO., LTD.	2,903,959	ILLINOIS TOOL WORK INC.	2,904,513
HARTWELL, EDWARD YERBURY	2,904,067	HITCHCOCK, ROBERT	2,904,513	ILLINOIS TOOL WORKS INC.	2,904,111
HASEGAWA, TAKUYA	2,904,219	HOCHER, BERTHOLD	2,904,433	IMAHASE, TOSHIHIRO	2,903,952
HASLER, PAUL	2,903,921	HOEKSTRA, JOEL	2,904,670	IMAZEKI, MARIKO	2,904,142
HASVOLD, LISA A.	2,903,910	HOELZEMANN, GUENTER	2,903,901	IMBOX SHOECARE A/S	2,903,914
HASVOLD, LISA A.	2,904,048	HOELZEMANN, GUENTER	2,903,903	IMMUNDIAGNOSTIK AG	2,904,433
HASVOLD, LISA A.	2,904,049	HOFBAUER, HERMANN	2,904,380	IN HAND GUIDES LTD.	2,904,649
HASZIER, GORDON	2,904,080	HOFLACK, JAN	2,904,462	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION	2,904,332
HATSELL, SARAH JANE	2,904,385	HOFMANN, BASTIAN	2,904,147	INDUSTREA MINING TECHNOLOGY PTY LTD	2,903,956
HAUBST, NICOLE	2,904,090	HOGGARTH, JOHN CHRISTIAN	2,904,067	INGURAN, LLC	2,904,193
HAUSER, JAMES BRIAN	2,904,371	HOHLFELD, ROBERT	2,904,401	INMOMENT, INC.	2,904,638
HAWKER, NICHOLAS	2,904,057	HOJSGAARD, SOREN JOHANNES	2,904,498	INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.	2,904,133
HAWKER, NICHOLAS	2,904,060	HOLLAND, GUY V.	2,904,663	INOKUCHI, HIDEAKI	2,904,492
HAWKINSON, ANDREW JAMES	2,904,320	HOLLAND, SACHA	2,904,610	INOUE, TATSUO	2,898,816
HAY, DANIEL N. T.	2,904,567	HOLLECK, ERHARD	2,903,936	INSTITUT DE RECHERCHE SUR LES ZONES COTIERES (IRZC)	2,904,232
HAYASHI, KEN-ICHI	2,904,489	HOLLISTER INCORPORATED	2,904,514	INSTRUMENTATION LABORATORY COMPANY	2,904,589
HAYDON, PHILIP G.	2,904,180	HOLLISTER INCORPORATED	2,904,515	INSTRUMENTATION LABORATORY COMPANY	2,904,593
HAYES, TIMOTHY A.	2,904,290	HOLMS, JAMES H.	2,903,910	INTERNATIONAL INSULATION PRODUCTS LLC	2,904,036
HEAD, ANDREW A.	2,904,361	HOMMAN, MOHAMMED	2,904,468	INTREXON CORPORATION	2,904,436
HEARTLEIN, MICHAEL	2,904,151	HONDA MOTOR CO., LTD.	2,904,495	INTRINSIC LIFESCIENCES, LLC	2,904,357
HEATH, KELLY P.	2,904,602	HOPKINS, CAROLINE GERALDINE	2,903,966		
HECKRODT, THILO	2,904,610	HOPKINS, TIMOTHY	2,904,678		
HEFFERNAN, TAB M.	2,904,200	HOPPIN, JACK	2,904,334		
HEFTI, LARRY D.	2,904,186	HORMAN, ROBERT E.	2,904,436		
HEIDER, PATRICK LOUIS	2,904,355	HOSOKAWA, HIROSHI	2,904,494		
HEIDTMAN, MATTHEW IAN	2,904,091	HOSPIRA, INC.	2,904,053		
HEILMANN, ANDREAS	2,903,940	HOVER, PATRICK J.	2,904,450		
HEIMANN, DIERK	2,904,144	HOWARD, LEIGH SCOTT	2,904,442		
HEINZEN, INGA	2,903,272	HOWARD, LEIGH SCOTT	2,904,501		
HEISER, ULRICH	2,904,465	HOWARD, LEIGH SCOTT	2,904,502		
HELLRING, STUART D.	2,904,439	HOWARD, PHILIP WILSON	2,904,044		
HELTON, KRISTEN	2,904,127	HOWDEN THOMASSEN COMPRESSORS BV	2,904,104		
HENDRICKSON USA, L.L.C.	2,904,101	HOWLES, ROBERT M.	2,904,652		
HENNIGER, RAINER	2,903,917	HOYER, PHILIP	2,904,150		
HENSLE, BONNIE	2,904,087	HSIEH, HSIN-I	2,903,976		
HEPPLES, WARREN	2,904,078	HU, PING	2,903,907		
HERAVI, OLIVER	2,904,243	HU, TIANCEN	2,904,090		

Index of PCT Applications Entering the National Phase

INVERARDI, LUCA	2,904,140	JOHNSON & JOHNSON		KATHOLIEKE UNIVERSITEIT	
INVODANE ENGINEERING LTD.	2,904,228	MEDICAL GMBH	2,904,415	LEUVEN	2,904,202
IONDOV, GEORGE	2,904,047	JOHNSON, GARY M.	2,904,678	KATOH, SHUNJI	2,904,494
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	2,904,363	JOHNSON, HENRY	2,904,085	KAUP, BURKHARD	2,903,936
IPOPCORN CO., LTD.	2,904,497	JOHNSON, J. CHRISTOPHER	2,904,647	KAUR, JASMEET	2,903,967
IPSEN PHARMA S.A.S	2,904,462	JOHNSON, ROBERT J.	2,904,399	KAWANA, ASAHI	2,904,142
IQ PRODUCTS B.V.	2,903,929	JOHNSON, WADE	2,904,371	KAWRYKOW, IWAN	2,904,594
IREMONGER, SIMON	2,904,546	JOHNSTONE, SHAWN	2,904,364	KAYE, BRETT JAMES	2,904,174
ISELE, OLAF ERIK ALEXANDER	2,904,092	JONAS, ERIC MICHAEL	2,904,526	KAYE, BRETT JAMES	2,904,177
ISHIMOTO, HIDEFUMI	2,903,959	JONES, CHRISTOPHER MICHAEL	2,904,211	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	2,904,367
ISHTIAQ, FAISAL	2,904,319	JONES, MARCUS MICHAEL	2,904,517	KEETER, STEVEN MARK	2,903,981
ISHTIAQ, FAISAL	2,904,378	JONES, OWEN	2,904,025	KEIR, MARY	2,904,095
ISHTIAQ, FAISAL	2,904,607	JONES, OWEN	2,904,413	KEISER, BRUCE A.	2,904,604
ISHTIAQ, FAISAL	2,904,622	JONES, PAUL	2,904,364	KEIZER, TIMOTHY S.	2,904,577
ISIS INNOVATION LIMITED	2,904,057	JONES, STEVEN ALAN	2,904,192	KEIZER, TIMOTHY S.	2,904,579
ISIS INNOVATION LIMITED	2,904,060	JONES, W. KEITH	2,904,671	KELLEY, ALONZO J.	2,904,542
ISLAM, MOJAHEDUL	2,903,978	JONES, WARREN	2,904,346	KELLY, CASEY PATRICK	2,904,420
IVERS, SAMUEL P.	2,904,361	JORDAN, OLIVIER	2,903,993	KENNEDY, NORMAN LEROY	2,904,626
IVERS, VICTOR M.	2,904,361	JOSHI, SANJEEV	2,904,079	KENNY, TIMOTHY G.	2,904,667
IWAHORI, KOTA	2,904,230	JOUNI, ZEINA	2,904,216	KENTEN, JOHN	2,904,106
IWASAKI, TETSUYA	2,904,235	JOURDAN, MICHAEL	2,904,109	KENTEN, JOHN	2,904,181
IWASAKI, TETSUYA	2,904,251	JUAN, ALEJANDRO	2,903,906	KERNBAUM, ALEXANDER STREELE	2,904,365
IZUMO, SHOZO	2,898,816	JUENEMANN, NICHOLAS E.	2,904,245	KESAVAN, SUBRAMANIAN	2,904,061
J.M. HUBER CORPORATION	2,903,867	JUENEMANN, NICHOLAS E.	2,904,246	KETTSCHAU, GEORG	2,903,925
JACKSON, ANDREW CLIVE	2,904,110	JUNG, LAWRENCE	2,904,026	KHATTAK, AYUB	2,904,135
JACKSON, JAMES	2,904,515	JUREWICZ, WILLIAM JEFFERSON	2,903,870	KIEKERT	
JACKSON, TRENTON FRANK	2,904,003	JUVENTAS THERAPEUTICS, INC.	2,904,540	AKTIENGESELLSCHAFT	2,903,272
JACOBER, MARK A.	2,904,576	KAARIAINEN, SUSANNA	2,904,573	KIEKERT	
JADHAV, SUNIL BHAGINATH	2,904,079	KABACIK, LUKASZ	2,903,942	AKTIENGESELLSCHAFT	2,904,098
JADHAV, SUNIL BHAGINATH	2,904,082	KABACIK, LUKASZ	2,903,944	KIEKERT	
JADHAV, SUNIL BHAGINATH	2,904,089	KABACIK, LUKASZ	2,903,947	AKTIENGESELLSCHAFT	2,904,103
JAGANNATHAN, VASUDEVAN	2,904,656	KABADI, MOHAN	2,904,389	KIEST, LARRY W., JR.	2,904,206
JAIN, MOHIT	2,904,350	KABUSHIKI KAISHA ATSUMITEC	2,903,949	KIEST, LARRY W., JR.	2,904,213
JAMES HARDIE TECHNOLOGY LIMITED	2,904,426	KABUSHIKI KAISHA ATSUMITEC	2,903,951	KIEST, LARRY W., JR.	2,904,223
JANUSZ, JOHN	2,903,871	KABUSHIKI KAISHA NIHON MICRONICS	2,898,816	KIKUCHI, KENJI	2,904,494
JASEMIAN, BABEK	2,904,678	KAHAIAN, ARTHUR J.	2,904,565	KILDEA, JOHN D.	2,904,522
JASUJA, RAVI	2,904,293	KAJI, MASATAKA	2,904,496	KIM, DEOG JOONG	2,904,374
JENEIL BIOSURFACTANT COMPANY, LLC	2,904,383	KALDSTROM, MATS	2,904,425	KIM, GEUN TAE	2,903,961
JENEIL BIOTECH, INC.	2,904,386	KALINOWSKI, CAITLIN E.	2,904,619	KIM, JASON J.	2,904,345
JENKINS, DAVID	2,904,090	KAMARSHI, VIJAY	2,904,613	KIM, KYUNG-HOON	2,904,497
JENNER, PHILIP EDWARD	2,904,191	KAMATH, DEEPAK MANOHAR	2,904,175	KIM, SUN IL	2,903,961
JENNINGS, CLIFFORD A.	2,904,405	KANAI, TOSHIO	2,904,152	KIMBARA, ATSUSHI	2,903,588
JENSEN, KLAUS F.	2,904,355	KANAZAWA, CHIKASHI	2,904,142	KING, ERIC A.	2,904,405
JENSEN, KURT	2,904,026	KANEHIRO, HIDEO	2,904,129	KINGI, NGARITA	2,904,468
JENSEN, PETER NORDLAND	2,904,404	KANG, JAMES JUN	2,903,982	KINGSLEY, ALAN ROSS	2,904,664
JEWELL, STEPHEN W.	2,904,263	KANNO, MINORU	2,904,102	KINLEN, PATRICK JOHN	2,904,222
JFE STEEL CORPORATION	2,903,399	KANNO, TARO	2,904,102	KIRSCHNER, JONATHAN	2,903,870
JFE STEEL CORPORATION	2,903,955	KANOUNI, TOUFIKE	2,903,081	KISHISHITA, SIIK	2,904,022
JHA, PRAKASH K.	2,904,053	KANOUS, TREVOR	2,904,117	KIZHNER, TALI	2,904,035
JIANG, CHUNPENG	2,904,420	KARABIN, RICHARD F.	2,904,439	KLAR, ULRICH	2,903,925
JIANG, HONG WEN	2,904,128	KARACHALIOS, ANTONIS	2,904,133	KLEIDER, WILHELM	2,904,256
JIANG, PING	2,904,189	KARAKATSANI, MARIANTHI N.	2,904,416	KLEIN, CHRISTIAN	2,904,040
JIBO, INC.	2,904,359	KARALI, MARIANTHI	2,904,164	KLENNER, JASON ALLAN	2,903,966
JOHANNESSON, GLEN	2,904,575	KARAMBELAS, RANDY C.	2,904,245	KLIMEK, GARY	2,904,255
JOHNSON & JOHNSON MEDICAL GMBH	2,904,412	KATH, GARY S.	2,904,264	KLIMEK, GARY	2,904,261
				KLIN, AMI	2,904,346
				KLOTZEK, ANDREAS	2,903,899
				KNICKERBOCKER, HOWARD J.	2,904,602
				KNOTH, ALEXANDRA M.	2,904,565
				KNUDSON, GARY	2,904,086

Index des demandes PCT entrant en phase nationale

KNUTSEN, LARS JACOB		LANGFORD, STEPHEN	2,903,249	LI, SIMON	2,904,406
STRAY	2,904,310	LANGLIE, ESPEN	2,904,139	LI, TAO	2,903,912
KO, CHAN U.	2,904,584	LANGLOIS, BRUNO	2,904,061	LI, WEI	2,904,152
KO, MYONG K.	2,904,406	LANNOTTI, ANTHONY		LI, WEI	2,904,338
KOCH HEAT TRANSFER		EUGENE	2,904,271	LI, XIAOQIN	2,904,612
COMPANY, LP	2,904,471	LANZONI, GIACOMO	2,904,140	LIANG, BENJAMIN MINGHWA	2,904,026
KOCH, ASMUS	2,903,272	LAPERRIERE, CHRISTOPHE	2,896,409	LIANG, BITAO	2,904,014
KOCH, HAROLD O., JR.	2,904,418	LARSON, ANDREA J.	2,904,284	LIAO, PERRY Y.	2,904,406
KOCHHAR, CHARU	2,904,032	LATHAM, STEPHEN	2,904,347	LIENAU, PHILIP	2,903,925
KOCSIS, JODY A.	2,904,215	LAUMOLA, HELI	2,903,988	LIENG, THU	2,904,153
KODAMA, TOMOHIRO	2,904,152	LAURSEN, PAUL	2,904,228	LIGHTLAB IMAGING, INC.	2,904,512
KOEHLER, SETH	2,903,630	LAVERGNE, OLIVIER	2,904,462	LIMBERG, BRIAN JOSEPH	2,904,420
KOGA, ATSUO	2,903,945	LAVON, GARY DEAN	2,904,391	LIN, JIAN-BIN	2,904,546
KOLLURI, RAO	2,904,610	LAWRENCE, STUART EDWIN	2,904,542	LIN, JIAN-LIANG	2,904,424
KOLOSNITSYN, VLADIMIR	2,903,942	LAY MA, URSULA VANESA	2,904,348	LIN, QIYOU	2,903,912
KOLUMAM, GANESH A.	2,903,587	LAYTON, PAUL	2,904,680	LIN, YAKANG	2,903,907
KONECRANES PLC	2,904,025	LEACH, KEVIN	2,904,052	LINDBERG, TEEMU	2,903,988
KONINKLIJKE PHILIPS N.V.	2,903,969	LEASURE, JOSHUA	2,904,153	LINK, BRETT R.	2,904,667
KOOP, LAURENTIUS		LEBLANC, MICHAEL JUDE	2,903,419	LINTON, ANDREW	2,904,067
GERARDUS MARIA	2,904,104	LEBLANC, MICHAEL JUDE	2,903,421	LIU, CELINE	2,904,176
KORNBLUH, ROY DAVID	2,904,365	LECOZ, PATRICK	2,904,608	LIU, DACHUN	2,903,910
KORTEK INDUSTRIES PTY		LEE, CAMERON CHUCK-		LIU, DACHUN	2,904,048
LTD	2,904,194	MUNN	2,904,184	LIU, DACHUN	2,904,049
KOSKENNIEMI, KERTTU	2,904,573	LEE, DAVID M.	2,904,373	LIU, GANG	2,903,979
KOSTAMOVAARA, JUHA	2,903,964	LEE, HYUN-MIN	2,904,497	LIU, JI-FENG	2,904,152
KOUZNETSOV, DMITRI L.	2,904,557	LEE, JIN HYUNG	2,903,953	LIU, JUN	2,903,976
KOZLOWSKI, WALTER	2,904,571	LEE, JINBO	2,904,180	LIU, JUN J.	2,904,136
KRAFT, KELLY SULLIVAN	2,904,685	LEE, JOSEPHINE	2,903,874	LIU, WEI	2,904,014
KRAMER, BENJAMIN D.	2,904,300	LEE, KANG N.	2,904,288	LIU, XIAODONG	2,903,904
KRAMER, HANS-DIETER	2,904,256	LEE, KI KON	2,903,961	LIU, XIAOYAN	2,904,096
KRATZ, MICHAEL	2,903,900	LEE, MARK I.	2,904,053	LIU, YI	2,904,393
KRIECH, ANTHONY J.	2,904,381	LEE, WYNE P.	2,903,587	LIU, ZHE	2,904,420
KRISHER, DANIEL P.	2,903,913	LEFEBVRE, AMY A.	2,904,384	LJUBICIC, BLAZO	2,904,471
KROETSCH, DAVID	2,904,575	LEHNHOFF, INGO	2,904,196	LLAS VARGAS, SALVADOR	2,904,435
KROHNE, MARTIN	2,904,163	LEIDENBERGER, FREIMUT	2,904,144	LMK TECHNOLOGIES, LLC	2,904,206
KRONLAGE, DAVID	2,904,418	LEITZSCH, CHRISTOPHER	2,904,297	LMK TECHNOLOGIES, LLC	2,904,213
KROSAKIHARIMA		LENEHAN, PETER F.	2,904,631	LMK TECHNOLOGIES, LLC	2,904,223
CORPORATION	2,903,952	LENHARDT, THEODORE	2,904,074	LOEHR, JOACHIM	2,904,392
KUBALEK, BERNHARD	2,903,984	LEON, LUIS R.	2,904,186	LOGSTON, ROBERT W.	2,904,245
KUBOKI, SHINGO	2,904,494	LEPOUDRE, PHILIP PAUL	2,904,224	LONGYEAR TM, INC.	2,904,047
KUBOTA, KATSUMI	2,904,152	LES PLASTIQUES		LONGYEAR TM, INC.	2,904,141
KUCABA, TRACY	2,904,513	CELLULAIRES		LOPEZ-ESPINA, CARLOS G.	2,904,616
KUCHIMANCHI,		POLYFORM INC.	2,904,218	LOREE, HOWARD M., II.	2,903,632
SATYANARAYANA	2,904,654	LETTKEMAN, DAVID		LOVELOCK, JULIAN ERIC	2,904,150
KULARATNE, SUMITH A.	2,903,994	MICHAEL	2,904,434	LOW, PHILIP S.	2,903,994
KUMAR, ANITA	2,904,416	LEUENBERGER, SAMUEL	2,904,676	LOW, THOMAS	2,904,365
KUMAR, SUDEEP	2,904,020	LEVELL, JULIAN ROY	2,903,979	LOWE, CHRISTIAN T.	2,904,341
KUMBHANI, DEVJIBHAI D.	2,904,416	LEVITATION SCIENCES LLC	2,904,524	LOWERY, GARY	2,904,652
KWEGYIR-AFFUL, ANDREW	2,904,170	LEWIS, PETER	2,904,346	LOZINSKY, EVGENIA	2,904,507
KWONG, LO CHI	2,903,870	LG LIFE SCIENCES LTD.	2,903,961	LU, JIAN	2,904,537
L'ASSOCIATION		LI, CATHY	2,904,159	LUBRIZOL ADVANCED	
COOPERATIVE DES		LI, CATHY	2,904,173	MATERIALS, INC.	2,904,326
PECHEURS DE L'ILE LTEE	2,904,232	LI, CHIANG J.	2,904,152	LUCA, LUDMILA	2,903,993
LA COMMARA, DOMENICO	2,903,954	LI, HUI	2,904,565	LUETTGEN, HAROLD A.	2,904,080
LA CROIS, RENE	2,904,558	LI, HUI	2,904,610	LUNA, RAMON	2,904,652
LAAKSONEN, REIJO	2,903,946	LI, JIE	2,903,976	LUNDELL, GREGORY, JAMES	2,903,996
LABANCO, SAM KENNETH	2,904,426	LI, KENNETH	2,904,262	LUO, MENGHUA	2,904,119
LABRECQUE, VINCENT	2,904,253	LI, LIANSHENG	2,904,393	LUSZCZ, STEPHEN WILLIAM	2,903,992
LAI, CHRON-SI	2,904,370	LI, LINGLING	2,904,168	LUXFER GAS CYLINDERS	
LAING, BRENT IAN	2,903,966	LI, PENGYUN	2,904,332	LIMITED	2,904,078
LAM, WILLIS	2,904,004	LI, RENXIANG	2,904,376	MACFARLANE, JAMES	2,904,062
LAMONS GASKET COMPANY	2,904,300	LI, RENXIANG	2,904,378	MACHON, LUKASZ W.	2,904,529
LANG, CHRISTINE	2,903,940	LI, RENXIANG	2,904,607	MACIKUNAS, ARUNAS G.	2,904,227
LANG, SABINE	2,904,040	LI, RENXIANG	2,904,622	MADDEN, KNUT R.	2,904,333

Index of PCT Applications Entering the National Phase

MADSEN, JOSEPH	2,904,628	MASSACHUSETTS INSTITUTE	MERIGHI, MASSIMO	2,904,091
MAEKAWA, HIDEKI	2,904,489	OF TECHNOLOGY	MESO SCALE	
MAERTEN, FRANTZ	2,904,239	2,904,355	TECHNOLOGIES, LLC.	2,904,020
MAETZOLD, DEREK	2,904,283	MASSARE, MICHAEL J.	MESO SCALE	
MAGLIA, GIOVANNI	2,904,202	MASUDA, ESTEBAN	TECHNOLOGIES, LLC.	2,904,106
MAGUIRE, YAEL	2,904,217	MASURAT, DIRK	MESO SCALE	
MAGUIRE, YAEL	2,904,336	MATAS, MICHAEL	TECHNOLOGIES, LLC.	2,904,181
MAGUIRE, YAEL	2,904,619	MATHEY, JASON M.	MESSIER-BUGATTI-DOWTY	2,903,954
MAHALINGAM,		MATHEY, JASON M.	METACTIVE MEDICAL, INC.	2,903,632
SAKKARAPALAYAM M.	2,903,994	MATSUMOTO, NOBUHIKO	METAMARK GENETICS, INC.	2,904,441
MAHARAJH, EDWARD	2,904,560	MATUSEVSKY, YAKIR	METIUS, GARY E.	2,904,019
MAHONEY, RICHARD M.	2,904,365	MAULDIN, JACK W.	METZGER, COLLIN	2,904,117
MAIBACH, FRIDOLIN	2,903,984	MAUSER-WERKE GMBH	MEYER, GARY JOEL	2,904,381
MAIER, MARTIN	2,904,654	MAUSER-WERKE GMBH	MEYER, MATTHEW JOHN	2,904,090
MAKRANDI, ANURAG	2,904,420	MAXTECH COMMUNICATION	MEYER, ANTJE	2,904,465
MALITO, JOHN T.		NETWORKS LTD.	MEYERS, HAROLD	2,904,660
(DECEASED)	2,904,566	MAYR-MELNHOF KARTON	MEYERS, HAROLD	2,904,662
MALLANEY, MARY	2,904,166	AG	MEYHOFER, ERIC	2,904,542
MALLANEY, MARY	2,904,169	MAZANEC, TERRY J.	MICELOTTA, ANDREA	2,903,960
MALONE, BRETT	2,904,440	MCALLISTER, CHANDRA	MICHAEL, JOSEPH DARRYL	2,903,990
MALOULI, DANIEL	2,904,001	MCCARTHY, SEAN T.	MICROAIRE SURGICAL	
MAN, KIM DICK	2,904,205	MCCARTIN, STEPHEN M.	INSTRUMENTS LLC	2,903,058
MANHEIM INVESTMENTS,		MCCAULEY, THOMAS	MICRODOSE THERAPEUTX,	
INC.	2,904,087	MCCOMBS-STEARNS, MARY	INC.	2,903,965
MANIVET, PHILIPPE	2,904,430	J.	MICRODOSE THERAPEUTX,	
MANNING, JAMES R.	2,903,979	MCCOY, BRIAN KEITH	INC.	2,903,980
MANNING, MARK CORNELL	2,904,543	MCCOY, JOHN M.	MICROMASS UK LIMITED	2,903,941
MANNING, ROBERT FRANCIS	2,903,998	MCCULLOUGH, THOMAS P.	MIDHA, SANJEEV	2,903,419
MANNKIND, CORP	2,904,685	MCCUTCHAN, LARRY	MIDHA, SANJEEV	2,903,421
MANOHARAN, MUTHIAH	2,904,654	MCDANIEL, CATO RUSSELL	MIDREX TECHNOLOGIES,	
MANTEI, ROBERT A.	2,903,910	MCDANIEL, CATO RUSSELL	INC.	2,904,019
MARCHBANKS, LISA R.	2,903,870	MCDANIEL, JOHN M.	MIGNAULT, RENE	2,904,141
MARCHER, IB	2,904,404	MCDANIEL, KEITH F.	MILANI, FRANCO X.	2,904,386
MARCHETTI, DARIO	2,904,236	MCDANIEL, KEITH F.	MILBAR, MAREK	2,904,134
MARCHETTI, STEPHEN	2,904,575	MCDANIEL, MAX P	MILLER, BRIAN L.	2,904,240
MARIMPIETRI, DANTE	2,904,667	MCGINLEY, SHAWN	MILLER, DUANE D.	2,904,338
MARJANOVIC, JASMINA	2,903,910	MCGONIGLE, BRIAN	MILLER, KERRY	2,904,018
MARKER, RENE	2,903,914	MCKNIGHT, NATHAN	MILLER, PHILIP M.	2,904,227
MARLATT, KRISTA	2,904,087	MCKNIGHT, PAULA	MILLER, THOMAS M.	2,904,560
MARQUARDT, CRAIG		MCMILLAN, WILLIAM	MILLER, TIMOTHY J.	2,904,540
EUGENE	2,904,368	MCMINN, DUSTIN	MILLS, AMY	2,904,087
MARRIAGE, BARBARA	2,904,400	MCNEELY, MICHAEL	MILNER, KEITH	2,904,606
MARROCCO, ELENA	2,904,164	MCPHEE, JOHN JOSEPH	MIMNA, RICHARD	2,904,604
MARS, INCORPORATED	2,904,647	MCSWEYN, CHRISTOPHER	MIMOSA MEDICAL, INC.	2,903,962
MARSH, CHARLES	2,904,000	MICHAEL	MISHRA, AMIT CHANDRA	2,904,082
MARSHALL, DAVID FRANK	2,904,016	MEASUREMENT	MISSOURI, SHAIRO	2,904,344
MARTEL, DAVID	2,903,630	SPECIALTIES, INC.	MITADERA, JUN	2,904,496
MARTI, NICOLAS	2,904,176	MEDESSO GMBH	MITHCHUM, MELISSA G.	2,904,363
MARTIN, GREG	2,903,999	MEDIATEK INC.	MITSUBISHI GAS CHEMICAL	
MARTIN, GREG	2,904,280	MEDICALSOS.COM LLC	COMPANY, INC.	2,904,496
MARTIN, MANUEL		MEDIMMUNE LIMITED	MIYAKE-STONER, SHIGEKI	2,903,582
CRISTOBAL MANZANO	2,904,021	MEDSKER, ROBERT	MIYAMOTO, AMY J.	2,904,408
MARTIN, MANUEL		MEHLMANN, FLORENCE	MIZUGUCHI, KIYOSHI	2,904,129
CRISTOBAL MANZANO	2,904,157	MEHTA, HARSH	MJN U.S. HOLDINGS LLC	2,904,216
MARTIN, MARIA-JESUS		MEIER, STEVEN J.	MJN U.S. HOLDINGS LLC	2,904,221
MARTIN	2,904,157	MEINE, NIKLAS	MJN U.S. HOLDINGS LLC	2,904,268
MARTIN, STEPHEN	2,904,649	MEISSNER, DAVID C.	MMODAL IP LLC	2,904,656
MARTIN, THOMAS G.	2,904,630	MELIOR DISCOVERY, INC.	MOBASSERY, HOOMAN	2,904,205
MARTINELLI, GABRIELE	2,904,139	MELOY, ROB	MOCHIDA	
MARTINEZ, ROGELIO	2,904,662	MEMMER, TIMOTHY I.	PHARMACEUTICAL CO.,	
MASON, RAYMOND KNIGHT,		MEMORIAL HEALTHCARE	LTD.	2,904,129
III	2,903,983	SYSTEM	MOEBIUS, DAVID C.	2,904,085
MASSACHUSETTS INSTITUTE		MERCK PATENT GMBH	MOHAMMAD, MUNEER	2,904,667
OF TECHNOLOGY	2,904,099	MERCK PATENT GMBH	MOLTER, STEPHEN MARK	2,903,991
		MERCK, RALPH BRIAN		

Index des demandes PCT entrant en phase nationale

MONOSOL LLC	2,904,373	NEWMAN TECHNOLOGIES LLC	2,904,474	OCEANEERING INTERNATIONAL, INC.	2,904,064
MONSANTO TECHNOLOGY LLC	2,904,408	NEWMAN, BRADLEY NG, NICHOLAS	2,904,474 2,903,976	OCEANEERING INTERNATIONAL, INC.	2,904,405
MONTEIRO DE BARROS, MARCELO	2,904,212	NGUYEN, GIAO VINH	2,903,978	OCEANEERING INTERNATIONAL, INC.	2,904,534
MOOTHA, VAMSI K.	2,904,350	NHS BLOOD & TRANSPLANT	2,904,100	OCHAB, DAVID C.	2,904,602
MORGAN, ADAM J.	2,904,054	NICDAO, RAUL SONGCO	2,904,420	OESCHLAGER, KRISTEN	2,904,283
MORROW, GLENN	2,904,410	NICHOLS, AMY M.	2,904,408	OHISHI, HIROSHI	2,903,945
MORTON, LORI C.	2,904,644	NIE, LI	2,904,326	OKSANEN, ILONA	2,904,573
MOSHER, REBECCA	2,904,090	NIE, ZHE	2,903,081	OKUBO, YOSHITAKA	2,904,189
MOSIER, KENT D.	2,903,980	NIEDERMEIER, WERNER	2,904,178	OKUNIEFF, PAUL	2,904,046
MOURER, DAVID PAUL	2,904,185	NIEDZWIECKI, DANIEL	2,904,354	OLBINA, GORDANA	2,904,357
MOUSA, SHAKER A.	2,904,660	NIFONG, THOMAS P.	2,904,441	OLSON, EDWIN S.	2,904,039
MOUSA, SHAKER A.	2,904,662	NILSSON, ROLAND	2,904,350	ONCODESIGN S.A.	2,904,462
MUGFORD, PAUL FREDERICK	2,904,505	NIPPON SODA CO., LTD.	2,904,489	ONYX THERAPEUTICS, INC.	2,904,085
MUHART, MATTHEW	2,904,195	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,903,945	OOTANI, AKIO	2,904,496
MUHLHAUSER, MARTIN	2,904,254	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,904,122	OPW FUELING COMPONENTS INC.	2,904,305
MUHLSTEFF, JENS	2,903,969	NISSAN MOTOR CO., LTD.	2,904,219	OREGON HEALTH & SCIENCE UNIVERSITY	2,904,001
MULLINIX PACKAGES, INC.	2,904,255	NISSHIN STEEL CO., LTD.	2,904,131	ORENGO, JAMIE	2,904,377
MULLINIX PACKAGES, INC.	2,904,261	NIWANO, YOSHIMI	2,904,102	ORGANOBALANCE GMBH	2,903,940
MUNCHKIN, INC.	2,903,593	NJAASTAD, DAVID K.	2,904,325	ORION ENGINEERED CARBONS GMBH	2,904,178
MUNK, CHRISTIAN	2,904,105	NJAR, VINCENT C.O.	2,904,170	OSTLAND, VAUGHN	2,904,357
MURAO AKINORI	2,903,955	NOEL, JULIEN	2,904,111	OTSUKA CHEMICAL CO., LTD.	2,904,237
MURILLO, LUIS EDUARDO	2,904,172	NOLTE, MICHAEL	2,904,114	OUFATTOLE, MOHAMMED	2,904,408
MURPHY, ANDREW J.	2,904,377	NOMOTO, TAKUYA	2,904,237	OUYANG, WENJUN	2,903,587
MURRAY, MICHAEL G.	2,904,514	NONNI, ARTHUR J.	2,904,503	OWENS, DYLAN	2,904,675
MURRAY, MICHAEL G.	2,904,515	NOOR, MUSSARAT	2,904,105	OWENS, DYLAN	2,904,681
MYLONAKI, IOANNA	2,903,993	NORTEK SOLUTIONS CANADA, INC.	2,904,224	OXIS ENERGY LIMITED	2,903,942
NACHTRAB, DEAN J.	2,904,652	NORTH CAROLINA STATE UNIVERSITY	2,904,363	OXIS ENERGY LIMITED	2,903,944
NAJI, BASIL	2,904,426	NOUSIAINEN, JAAKKO	2,903,988	OXIS ENERGY LIMITED	2,903,947
NAKABAYASHI, SEIGOU	2,903,951	NOVARTIS AG	2,903,976	PACCAR INC	2,904,362
NAKAI, ASAMI	2,904,496	NOVARTIS AG	2,903,979	PACCAR INC.	2,904,342
NAKAMOTO, TETSUO	2,904,639	NOVARTIS AG	2,904,032	PACHOUD, WILLIAM	2,904,199
NAKAMURA, KEISUKE	2,904,102	NOVARTIS AG	2,904,090	PADUKONE, AJIT NAGENDRA	2,903,992
NAKAMURA, NAOMICHI	2,903,399	NOVARTIS AG	2,904,184	PALIT, SANDEEP	2,904,172
NAKAZAWA, AKIRA	2,898,816	NOVARTIS AG	2,904,382	PALMAR, JOSEPH M.	2,904,195
NALCO COMPANY	2,904,522	NOVARTIS AG		PALMER SKEBBA, VICTORIA	2,904,383
NANAJI, SEIFOLLAH S.	2,904,305	NOVARTIS AG		PALMER SKEBBA, VICTORIA	2,904,386
NAUCHE, MICHEL	2,904,024	NOVARTIS AG		PALMER, JAMES E.	2,904,602
NAUGHTON, DAVID	2,904,429	NOVAVAX, INC.		PALYS, LEONARD H.	2,904,590
NAVARRETE, CRISTINA	2,904,100	NOVIOMAT AG		PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	2,904,392
NAVIGATE CARDIAC STRUCTURES, INC.	2,903,600	NOVOA, CRISTIAN OMAR	2,904,126	PAPADOPOULOS, NICHOLAS J.	2,904,377
NAZZARO, MARTIN	2,904,204	NOVOMATIC AG	2,904,563	PAPAKOSTAS, GEORGE	2,904,418
NEAL, BRIAN L.	2,903,913	NOVOZYMES A/S	2,904,123	PAPASAKELLARIOU, ARIS	2,904,521
NEC PLATFORMS, LTD.	2,904,158	NOVOZYMES A/S	2,903,934	PAPAY, FRANCIS A.	2,903,974
NEGRI, ROBERT H.	2,904,667	NOVOZYMES A/S	2,904,022	PAPENFUSS, DAVID R.	2,904,186
NELLIN MEDICAL DEVICES, LLC	2,904,205	NUSCALE POWER, LLC	2,904,279	PARIHAR, SHAILENDRA K.	2,904,568
NELSON, ANDREA	2,904,045	O'BRIEN, DANIEL	2,904,514	PARK, HONGKUN	2,904,099
NELSON, ELIZABETH	2,904,121	O'BRIEN, JIM	2,904,163	PARK, JEAN SOON	2,903,907
NEOGENOMICS LABORATORIES, INC.	2,904,088	O'CONNOR, MARK THOMAS	2,903,966	PARKER, CHARLES D.	2,904,445
NEOS SURGERY, S.L.	2,904,435	O'DONNELL, PETER	2,903,956	PARODY, TODD	2,904,332
NESBO, PAUL ARNE	2,903,902	O'KANE, TIMOTHY M.	2,863,663	PARRY, TOM	2,904,055
NESTEC S.A.	2,904,418	O'SHEA, CLODAGH	2,903,582	PASCHOALINO, MATHEUS PAES	2,904,581
NETTEKOVEN, MATTHIAS	2,903,588	O'SHEA, MARIANNE	2,904,348	PASIK, ALEXANDER J.	2,904,051
NEUCLONE BIOLOGICS PTY LTD	2,904,146	OAKWOOD LABORATORIES LLC	2,904,432		
NEUCLONE BIOLOGICS PTY LTD	2,904,167	OBELLEIRO, JULIO	2,903,870		
NEUMANN, CHRISTIAN	2,904,254	OBERMAYER, FRITZ	2,904,526		
NEUMANN, ROLF	2,903,969	OBEROI, PANKAJ	2,904,020		
		OBESHSTVO S OGRANICHENNOY OTVETSTVENNOSTYU "SINEZIS"	2,904,187		

Index of PCT Applications Entering the National Phase

PASTORE, JOSEPH	2,904,540	PEVLER, JENNIFER	2,904,519	PUEHLER, FLORIAN	2,903,925
PASZEK, NATE	2,904,673	PEYTAVI, REGIS	2,904,545	PUGLISI, CHRISTINE	2,903,978
PASZTY, CHRISTOPHER J.R.	2,904,337	PFEIFER, RICHARD	2,904,052	PULLEY, ALAN HOWARD	2,904,172
PATEL, MAHESH VITHALBHAI	2,904,079	PHANSTIEL, OTTO	2,904,685	PULVINO, DANA	2,904,513
PATEL, MAHESH VITHALBHAI	2,904,082	PHARMACHEMIE B.V.	2,903,973	PURDUE RESEARCH FOUNDATION	2,903,994
PATEL, MAHESH VITHALBHAI	2,904,084	PHILLIPS, GARY R.	2,904,635	PUROHIT, VIKRAIN CHANDRAKANT	2,904,374
PATEL, MAHESH VITHALBHAI	2,904,089	PICINICH, MATTEO D.	2,904,053	PURUSHOTTAMACHAR, PURANIK	2,904,170
PATEL, MAYUR	2,904,587	PICKER, LOUIS	2,904,001	QOL MEDICAL LLC	2,904,240
PATEL, PRANAV	2,903,874	PILLOW, THOMAS	2,904,044	QU, GUANG	2,904,366
PATEL, UMESH H.	2,904,606	PINOVA, INC.	2,904,626	QUANTICEL PHARMACEUTICALS, INC.	2,903,081
PATEL, VINAY D.	2,863,663	PIONEER HI-BRED INTERNATIONAL, INC.	2,904,002	QUIJANO, RODOLFO C.	2,903,600
PATEL, VINAY D.	2,904,652	PIONEER HI-BRED INTERNATIONAL, INC.	2,904,363	QUINTON, JACQUES	2,904,032
PATTEN, PHILLIP A.	2,904,537	PIONEER HI-BRED INTERNATIONAL, INC.	2,904,537	RAAZ, VIKTOR	2,904,147
PATTERSON, CURTIS	2,903,906	PISACANE, FERDINAND FREDERICK	2,904,358	RACZ, PIERRE	2,904,253
PATZIG, NICOLE	2,904,500	PLANK, CHRISTIAN	2,904,151	RADUCANU, MARIUS	2,904,483
PAUWELS, GARRETT F.	2,904,248	POESCHKE, OLIVER	2,903,901	RAETHER, THOMAS D.	2,904,320
PAVLISH, JOHN HENRY	2,904,039	POESCHKE, OLIVER	2,903,903	RAGBIR, DAUNE BEVAN	2,904,094
PAWAR, SHIVAJI SAMPATRAO	2,904,079	POHL, BRAD PHILIP	2,904,437	RAGHAVANPILLAI, ANILKUMAR	2,904,328
PAWAR, SHIVAJI SAMPATRAO	2,904,082	POLLACK, BENJAMIN	2,904,107	RAIDAN, DIEGO	2,904,563
PAYAN, DONALD G.	2,904,610	POLSON, ANDREW G.	2,904,040	RAJEEV, KALLANTHOTTATHIL G.	2,904,654
PAYETTE, JOSHUA	2,904,160	POMERANTZ, BRETT Z.	2,904,163	RAKIEWICZ, EDWARD F.	2,904,439
PEARCEY, LEIGH ANDRE	2,904,374	POMPA, JONATHAN	2,904,675	RAMAKRISHNAN, TERIZHANDUR S.	2,904,008
PEASGOOD, MICHAEL	2,904,575	POOLMAN, JAN THEUNIS	2,903,937	RAMOS, CARLOS A.	2,904,369
PECHAN, PETER	2,904,623	POURSARTIP, ARIANA	2,903,983	RANBOM, WAYNE	2,904,590
PECK, RHONDA	2,904,606	POWER HAWK TECHNOLOGIES INC.	2,904,108	RANDHAWA, BALJINDER S.	2,904,227
PEDROSA, JOSE MARIA LOPEZ	2,904,021	PPG INDUSTRIES OHIO, INC.	2,904,315	RANE, VIPUL	2,904,082
PEDROSA, JOSE MARIA LOPEZ	2,904,157	PPG INDUSTRIES OHIO, INC.	2,904,414	RANE, VIPUL	2,904,089
PELLETIER, MICHAEL T.	2,904,211	PPG INDUSTRIES OHIO, INC.	2,904,439	RANGANATHAN, KARTHIK	2,904,121
PELSTER, THOMAS	2,904,178	PRATS, JAYNE	2,904,523	RANGEL-FRIEDMAN, GARY	2,904,068
PENG, ZHIQUAN	2,903,912	PRATT, JOHN	2,903,910	RASZKOWSKI, JAMES A.	2,904,437
PENN, MARC S.	2,904,540	PRATT, JOHN K.	2,904,048	RATHUGAMAN, PUSHPAJI SHYAMAL	2,904,183
PENNER, MURRAY J.	2,904,652	PRATT, JOHN K.	2,904,049	RAVIV, GABRIEL	2,904,616
PENTAIR FLOW SERVICES AG	2,904,050	PRAVONG, BOUN	2,904,686	RAYBIN, SAMUEL	2,904,005
PENTELUTE, BRADLEY L.	2,904,355	PRAVONGVIENGKHAM, KENNII	2,904,686	RAZDAN, MOHAN	2,904,200
PEPKA, CHARLES F.	2,893,337	PRENTICE, MICHAEL	2,904,188	RAZO, OLIVIA JENNIFER	2,904,528
PEREIRA, PETER J.	2,904,058	PRESCOTT, MARK RANDELL	2,904,208	RAZO, OLIVIA JENNIFER	2,904,532
PEREIRA, SUZETTE	2,904,119	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,904,099	READ, PETER A.	2,904,153
PERITECH PHARMA LTD.	2,904,507	PRESTEN, MARJORIE	2,903,870	REARDAN, DAYTON T.	2,904,240
PERKINS, MERVIN	2,903,870	PRESTIPINO, ANTHONY J.	2,904,572	REAUME, ANDREW G.	2,904,539
PERSON, TIMOTHY J.	2,903,909	PRIETO MARTINEZ, HELEN	2,903,975	REDINGTON, ANDREW	2,904,162
PESA, FRED	2,904,343	PRIEWE, JORG	2,904,412	REDOX TECHNOLOGY GROUP LLC	2,904,381
PETERS, KEVIN	2,903,871	PRIEWE, JORG	2,904,415	REEB, DAVID L.	2,904,214
PETERSEN, DARREN C.	2,904,013	PROBIODRUG AG	2,904,465	REED, JACK	2,904,384
PETERSEN, DARREN C.	2,904,015	PROCTOR, ROBERT	2,903,997	REFAELI, YOSEF	2,904,329
PETERSEN, MICHAEL W.	2,904,408	PROFUSA, INC.	2,904,127	REG LIFE SCIENCES, LLC	2,904,406
PETERSON, BART	2,904,121	PROKOP, GARY FRANK	2,904,426	REGENERON PHARMACEUTICALS, INC.	2,904,377
PETERSON, SAM	2,904,513	PROLL, TOBIAS	2,904,380	REGENERON PHARMACEUTICALS, INC.	2,904,385
PETERSON, THOMAS	2,904,347	PRONIUK, STEFAN	2,904,116	REGENERON PHARMACEUTICALS, INC.	2,904,644
PETERSON-BURCH, BROOKE	2,904,002	PROSEGUAR ACTIVA ARGENTINA S.A.	2,904,563		
PETKUS, JEFF	2,904,341	PROTALIX LTD.	2,904,035		
PETROPOULOS, KONSTANTIN	2,904,090	PSIMEDICA LIMITED	2,904,077		
PETROVICOVA, ELENA	2,904,574	PSIMEDICA LIMITED	2,904,204		
PETSCHULAT, CAP CHRISTIAN	2,904,526	PSIVIDA US, INC.	2,904,077		
PETTY, JACK D.	2,904,200	PSIVIDA US, INC.	2,904,204		
		PTITSYN, NIKOLAI VADIMOVICH	2,904,187		

Index des demandes PCT entrant en phase nationale

REGEV, AVIV	2,904,099	ROGOFF, HARRY	2,904,152	SANGAMO BIOSCIENCES,	
REHAGE, PETER	2,904,687	ROH, YEONSUK	2,904,354	INC.	2,904,210
REID, LOLA MCADAMS	2,904,140	ROHOLD, LARS	2,904,498	SANOFI	2,904,630
REILLY, JEFFREY	2,904,422	ROLLS-ROYCE		SANTELER, DARREN	
REINHARDT, GERARD		CORPORATION	2,904,200	RICHARD	2,904,351
EDWARD	2,904,649	ROLLS-ROYCE		SAPIENZA UNIVERSITA DI	
REINSALU, LORI ANN	2,903,907	CORPORATION	2,904,288	ROMA	2,904,140
REITER, REINHOLD	2,904,469	ROLLS-ROYCE NORTH		SAPORITO, MICHAEL S.	2,904,539
REL DEVELOPMENTS		AMERICAN		SAPPER, ERIK DAVID	2,904,222
LIMITED	2,904,128	TECHNOLOGIES, INC.	2,904,200	SAREPTA THERAPEUTICS,	
REMMERS, JOHN	2,904,608	ROMANOVA, TATIANA	2,904,201	INC.	2,903,872
REN, PINGDA	2,904,393	ROPER, RALPH E.	2,904,381	SAS, TIMOTHY	2,904,165
RENTON COIL SPRING		ROPER, TODD	2,904,153	SATCHIVI, NORBERT M.	2,904,341
COMPANY	2,893,337	ROQUETTE FRERES	2,904,189	SATIJA, RAHUL	2,904,099
REQUIS PHARMACEUTICALS		ROSATO, GIANLUCA	2,903,922	SATO, TAKAYUKI	2,903,959
INC.	2,904,310	ROSEN, MELISSA	2,904,017	SAUCY, FRANCOIS	2,903,993
RESEARCH INSTITUTE AT		ROSENTHAL, MICHAEL H.	2,903,962	SAUDI ARABIAN OIL	
NATIONWIDE		ROSKE, SHAWN	2,903,870	COMPANY	2,904,094
CHILDREN'S HOSPITAL	2,904,388	ROSS, BRYAN KELLY	2,904,342	SAVOLDO, BARBARA	2,904,369
REUTER, STEFAN	2,903,968	ROSS, ELI PAYTON	2,904,320	SAXBY, CARL	2,904,067
REVELAS, PETER	2,903,870	ROSS, JED	2,903,587	SAXENA, SHIV	2,904,613
REXAHN		ROSSING, MICHAEL	2,904,446	SCALZI, MICHAEL	2,904,133
PHARMACEUTICALS,		ROTH, HEINZ JURGEN	2,904,433	SCANAVO A/S	2,904,428
INC.	2,904,374	ROTH, JOSHUA	2,904,341	SCANAVO MANUFACTURING	
REYES, JOSE N., JR.	2,904,279	ROTHMAN, NEIL S.	2,904,529	HK LTD.	2,904,428
REYNOLDS, DAVID	2,904,652	ROUSSEAU, ROBERT A.	2,904,226	SCARIA, ABRAHAM	2,904,623
RHEINISCH-WESTFAELISCH-		ROVI GUIDES, INC.	2,903,996	SCARLESKI, WILLIAM J.	2,904,524
TECHNISCHE		RUAN, QIAOQIAO	2,903,709	SCAVUZZO, DEREK	2,904,159
HOCHSCHULE AACHEN	2,904,472	RUAN, QIAOQIAO	2,903,767	SCHAAB, KEVIN M.	2,904,340
RHODIA OPERATIONS	2,904,061	RUBIN, HILLARD	2,904,623	SCHALKEN, JACOBUS A.	2,904,126
RIBRAG, VINCENT	2,904,149	RUBINSTEIN, JACK	2,904,671	SCHAEER, JUSTIN	2,903,587
RICHARDSON, AARON	2,903,874	RUCMAN, RUDOLF	2,903,970	SCHENTAG, JEROME J.	2,904,389
RICHARDSON, KELLEY S.	2,904,399	RUDDY, STEVEN	2,904,543	SCHIENTER, STEPHAN	2,903,936
RICHEY, TRACY	2,904,432	RUDENKO, GEORGE N.	2,904,395	SCHIFFLI, MATT	2,904,255
RICKERT, RICHARD L.	2,904,245	RUDOLPH, CARSTEN	2,904,151	SCHIFFLI, MATT	2,904,261
RICOH COMPANY, LIMITED	2,904,494	RUGGIERO, ROBERT P.	2,904,399	SCHINKEL, ARNDT-PETER	2,904,178
RIGEL PHARMACEUTICALS,		RUKAVINA, THOMAS G.	2,904,414	SCHIRP, ARNE	2,903,917
INC.	2,904,610	RUNYAN, MAX R.	2,904,186	SCHLECHT, JOSEPH	2,904,111
RIKOSKI, RICHARD J.	2,904,675	RUSSO, RICHARD, JR.	2,903,997	SCHLUMBERGER CANADA	
RIKOSKI, RICHARD J.	2,904,681	RUUD, JAMES ANTHONY	2,904,185	LIMITED	2,904,008
RINALDI, ROBERTO	2,904,425	S.M. SCIENZA MACHINALE		SCHLUMBERGER CANADA	
RINES, RUSSELL	2,904,593	S.R.L.	2,904,179	LIMITED	2,904,139
RISSANEN, ARTO	2,903,988	SABESAN, SUBRAMANIAM	2,904,328	SCHLUMBERGER CANADA	
RIVADA NETWORKS, LLC	2,904,634	SACHER, MICHAEL		LIMITED	2,904,239
RMIT UNIVERSITY	2,904,183	MANFRED	2,904,105	SCHLUMBERGER CANADA	
ROBBINS, REBECCA J.	2,904,647	SADEGHPOUR, ARMAN	2,904,639	LIMITED	2,904,292
ROBIDEAU, GARY JOSEPH	2,904,442	SAFT	2,903,950	SCHLUMBERGER CANADA	
ROBIDEAU, GARY JOSEPH	2,904,501	SAGEM DEFENSE SECURITE	2,904,176	LIMITED	2,904,398
ROBIDEAU, GARY JOSEPH	2,904,502	SAITOH, TOMOKAZU	2,898,816	SCHLUMBERGER CANADA	
ROBINTON, MARK	2,904,150	SALEEM, JAFFAR ABDULLA	2,904,094	LIMITED	2,904,402
ROBITAILLE, JEAN-PIERRE	2,904,519	SALESFORCE.COM, INC.	2,904,526	SCHMID, JOHANNES	2,904,380
ROBOREL DE CLIMENS,		SALINAS, SERGIO	2,903,962	SCHMIDL, DIETER	2,904,676
LODY	2,904,043	SALK INSTITUTE FOR		SCHMIDT, JAMES	2,904,519
ROCHE DIAGNOSTICS		BIOLOGICAL STUDIES	2,903,582	SCHMITZ, BRIAN	2,904,255
HEMATOLOGY, INC.	2,904,401	SALUJA, SONAL	2,904,448	SCHMITZ, BRIAN	2,904,261
ROCQUE, MUKUL JULIUS	2,903,969	SALVADOR, CHARLIE REYES	2,904,420	SCHMITZER, PAUL RICHARD	2,904,341
RODENBERG, ERIC J.	2,904,606	SAMSON, RAFAEL	2,903,249	SCHNEIDER, BERND	2,904,500
RODI, CHARLES	2,904,093	SAMSUNG ELECTRONICS		SCHNEIDER, CHARLOTTE	2,904,137
RODRIGUEZ ALONSO, ANA	2,904,435	CO., LTD.	2,904,521	SCHNEIDER, DAVID J.	2,904,523
ROE, CHARLES L.	2,904,038	SAMULSKI, RICHARD	2,904,396	SCHNEIDERMAN, EVA	2,903,421
ROELOFS, MARK GERRIT	2,904,136	SANCHEZ DE LA CRUZ, JOSE		SCHOONMAKER, RYAN	2,904,017
ROEVER, STEPHAN	2,903,588	MANUEL	2,904,258	SCHRODER, ASTRID R.W.	2,904,317
ROGERS, MARK	2,904,004	SANDERS, DANIEL G.	2,904,186	SCHUETZLE, DENNIS	2,904,242
ROGERS-EVANS, MARK	2,903,588			SCHUETZLE, ROBERT	2,904,242

Index of PCT Applications Entering the National Phase

SCHUITEMAKER, JOOST		SHULTZ, MICHAEL DAVID	2,903,979	SOLDANI, GIORGIO	2,904,179
HENRIC NICOLAAS	2,903,929	SHURTECH BRANDS, LLC	2,904,165	SOLDATI, GIANNI	2,903,943
SCHULTE, KRISTIN	2,904,667	SHUYLER, STEVEN W.	2,904,245	SOLITON, INC.	2,904,394
SCHULTZ, MATTHEW D.	2,904,652	SI GROUP, INC.	2,904,442	SOLLING, TINO	2,904,428
SCHULTZ, PETER G.	2,904,160	SI GROUP, INC.	2,904,501	SOMMER, ROBERT	2,904,465
SCHULZ-GASCH, TANJA	2,903,588	SI GROUP, INC.	2,904,502	SOMMERER, TIMOTHY JOHN	2,903,990
SCHUTH, FERDI	2,904,425	SICAIRE, PIERRE	2,903,249	SONG, JEONG UK	2,903,961
SCHWAIGER, BERNHARD	2,904,178	SIDDALL, THOMAS L.	2,904,341	SONG, RUOZHI	2,904,343
SCHWARTZ, JOE L.	2,904,565	SIEBEL, SASCHA	2,903,926	SONG, XIAO-TONG	2,904,230
SCHWARZMAYR, LOUIS	2,903,978	SIEBEL, SASCHA	2,903,932	SONG, YI	2,904,023
SCIENTIFIC DRILLING		SIEMEISTER, GERHARD	2,904,149	SONY CORPORATION	2,904,115
INTERNATIONAL, INC.	2,904,673	SIEMENS		SOSKINE, MIKHAEL	2,904,202
SCOSCHE INDUSTRIES, INC.	2,904,324	AKTIENGESELLSCHAFT	2,903,899	SOURBES, GUILLAUME	2,903,971
SCOTT, BRYAN J.	2,903,983	SIEMENS		SOVEY, CASEY	2,904,667
SCOTT, STEPHEN	2,903,906	AKTIENGESELLSCHAFT	2,903,918	SOWKA, EBERHARD	2,903,936
SCOTT, THOMAS	2,904,062	SIEMENS ENERGY, INC.	2,904,284	SPADO, CHRISTINA JACY	2,904,328
SCOTT-CLARK, L.P.	2,904,037	SIEMENS HEALTHCARE		SPARKS, STEVEN	2,904,018
SEENISAMY,		DIAGNOSTICS INC.	2,904,018	SPECTRUM BRANDS, INC.	2,903,911
JEYAPRAKASHNARAYA		SIEMENS HEALTHCARE		SPEERS, DARYL	2,904,228
NAN	2,903,901	DIAGNOSTICS INC.	2,904,107	SPENCE, CALLUM JAMES	
SEHGAL, ARMIT	2,904,061	SIGAL, GEORGE	2,904,020	THOMAS	2,903,966
SEKOWSKI, DANIEL		SIGAL, GEORGE	2,904,106	SPENCER, MATTHEW	2,904,426
VINCENT	2,904,368	SIGAL, GEORGE	2,904,181	SPILLER, BERT APPLETON	2,904,668
SENDZIK, MARTIN	2,903,979	SIKANEN, SAMI	2,903,964	SPINAL ELEMENTS, INC.	2,903,999
SERIO-US INDUSTRIES, INC.	2,904,214	SILVERMAN, LARA IONESCU	2,904,138	SPINAL ELEMENTS, INC.	2,904,280
SERRAHIMA TORNEL MARC	2,904,435	SILVERNAIL, NATHAN J.	2,904,439	SPOT ON NETWORKS, LLC	2,904,262
SEVCIK, SCOTT	2,904,325	SIMMONS, CARL R.	2,904,363	SQUARE, INC.	2,903,983
SEVER, CLINTON	2,904,135	SIMON, ADAM J.	2,904,264	SQUIRES, JAMES ALLEN	2,903,870
SHAALTIEL, YOSEPH	2,904,035	SIMON, MARK DAVID	2,904,355	SRI INTERNATIONAL	2,904,365
SHAFFER, CYNTHIA	2,903,979	SINCLAIR, FITZGERALD A.	2,903,867	SRINIVASAN, ARAVIND	2,904,593
SHAH, BHAVIN	2,904,606	SINGH, PARMINDER	2,903,583	SRIVASTAVA, SID	2,904,584
SHAKE, MICHAEL P.	2,904,667	SINGH, PARMINDER	2,904,335	STABELL, CHARLES	2,904,139
SHALEK, ALEXANDER K.	2,904,099	SINGH, RAJINDER	2,904,610	STAFFORD, JEFFREY ALAN	2,903,081
SHALWITZ, ROBERT	2,903,871	SITA INFORMATION		STANDARD KNAPP INC.	2,904,422
SHARMA, VIJAY	2,904,598	NETWORKING		STANTON, CHRISTOPHER	
SHARPE, JOSHUA	2,904,111	COMPUTING IRELAND		JOHN	2,904,128
SHASTRY, ASHUTOSH	2,903,583	LIMITED	2,904,438	STATE GRID ANHUI WUHU	
SHAW, TODD	2,904,450	SKAULI, TORBJORN	2,903,957	POWER SUPPLY	
SHELTON, MONTY LEE	2,903,997	SKERJANEC, SIMONA	2,904,523	COMPANY	2,903,912
SHELTON, TRAVIS	2,904,203	SKINNER, JOSEPH P.	2,903,709	STATE GRID CORPORATION	
SHENOY, SURESH		SKINNER, JOSEPH P.	2,903,767	OF CHINA (SGCC)	2,903,912
VENKATRAYA	2,904,195	SKYDEX TECHNOLOGIES,		STEFANICH, ERIC GARY	2,903,587
SHEPPARD, GEORGE S.	2,903,910	INC.	2,904,117	STEINHAEUER, TOM	2,904,004
SHEPPARD, GEORGE S.	2,904,048	SLONE, CHRISTOPHER M.	2,904,503	STELLA, GUY JOHN	2,904,501
SHERWIN, RICHARD	2,904,262	SLUKA, PETER	2,904,256	STEMNISKI, PAUL	2,904,652
SHIA, BENEDICT	2,904,190	SMALL, CLAYTON G., III	2,904,441	STENGELIN, MARTIN	2,904,106
SHIFA BIOMEDICAL		SMALLWOOD, MICHEL S.	2,904,200	STENGELIN, MARTIN	2,904,181
CORPORATION	2,904,660	SMART SHOOTER LTD.	2,904,485	STENTZ, ANTHONY	2,904,542
SHIFA BIOMEDICAL		SMIT, FRANCISCUS PETRUS	2,904,126	STEPHENSON, KATHERINE	2,903,632
CORPORATION	2,904,662	SMIT, RUUD	2,903,973	STERN, TIM	2,904,067
SHIMIZU, GEORGE	2,904,546	SMITH & NEPHEW PLC	2,904,067	STERN, WILLIAM	2,904,327
SHIMIZU, TAKESHI	2,904,131	SMITH, ALEXANDER	2,903,871	STINSON, SCOTTIE LEE	2,904,667
SHIPITSIN, MICHAIL V.	2,904,441	SMITH, CLINT	2,904,634	STOLTZ, RICHARD	2,904,059
SHIPP, PAUL	2,904,667	SMITH, DAVID JOHN	2,903,990	STONE, TIMOTHY DERYCK	2,903,991
SHIRE HUMAN GENETIC		SMITH, EDWARD DEWEY, III	2,904,420	STRENGER, PATRICK	
THERAPIES, INC.	2,904,052	SMITH, LIANNE	2,904,151	CHRISTOPHER	2,904,420
SHIRE HUMAN GENETIC		SMITH, PAUL	2,904,005	STROBEL, GARY A.	2,904,383
THERAPIES, INC.	2,904,151	SMITH, PAUL L.	2,904,445	STROM, GREGORY ROBERT	2,904,679
SHIRE VIROPHARMA		SMITH, SAMUEL	2,904,634	STUBBING, MATTHEW C.	2,904,019
INCORPORATED	2,904,543	SMITH, STEPHEN B.	2,904,587	STUDIENGESELLSCHAFT	
SHORE, SUSAN	2,903,630	SMITH, WILLIAM	2,904,297	KOHLÉ MBH	2,904,425
SHORT, CHRISTOPHER M.	2,904,227	SMITS, AARON	2,904,029	STULEN, FOSTER B.	2,904,568
SHOWOLE, GBENGA SEGUN	2,904,420	SNIDER, MURRAY	2,904,218	SU, BIING-MING	2,903,978
SHULMAN, INNA	2,904,436	SOLAZYME, INC.	2,904,395	SUBOTNICK, BRYAN	2,904,262

Index des demandes PCT entrant en phase nationale

SUGANO, ERIC W.	2,904,117	TECHNISCHE UNIVERSITÄT		THE OHIO STATE	
SUK, JAN	2,903,272	WIEN	2,904,380	UNIVERSITY	2,904,647
SULZLE, DETLEF	2,903,925	TECHULON INC.	2,904,440	THE PROCTER & GAMBLE	
SUMITOMO BAKELITE		TEIJIN PHARMA LIMITED	2,904,142	COMPANY	2,903,419
COMPANY LIMITED	2,904,492	TEIKE, SILKE	2,904,178	THE PROCTER & GAMBLE	
SUMMERS, ERIC	2,904,459	TEJERO BRAVO, JESUS	2,904,397	COMPANY	2,903,421
SUMMIT MEDICAL LIMITED	2,904,073	TELKA, ANDREW MATTHEW	2,904,029	THE PROCTER & GAMBLE	
SUN, DUXIN	2,904,612	TENHUNEN, JUSSI	2,903,964	COMPANY	2,904,092
SUN, JINXIA SUSAN	2,903,978	TEODORESCU, SORIN		THE PROCTER & GAMBLE	
SUN, YANAN	2,904,420	GABRIEL	2,904,483	COMPANY	2,904,391
SUNCULTURE SOLAR INC.	2,904,145	TERA, MASAYUKI	2,904,142	THE PROCTER & GAMBLE	
SUNLEY, JOHN GLENN	2,903,938	TERAO, CHIAKI	2,904,158	COMPANY	2,904,420
SUNSTROM, NOELLE	2,904,146	TERNYAYEVA, IRINA	2,904,354	THE QUAKER OATS	
SUNSTROM, NOELLE	2,904,167	TESCO CORPORATION	2,904,664	COMPANY	2,904,348
SUON, NAROUN	2,904,005	TETIN, SERGEY Y.	2,903,709	THE REGENTS OF THE	
SURACE, ENRICO MARIA	2,904,164	TETIN, SERGEY Y.	2,903,767	UNIVERSITY OF	
SURWASE, MAHESH		THALES	2,904,109	CALIFORNIA	2,903,953
MANIKRAO	2,904,084	THANGAMATHESVARAN,		THE REGENTS OF THE	
SURYANARAYANAN,		PALLAPALAYAM M.	2,904,416	UNIVERSITY OF	
DEEPAK	2,903,992	THANOO,		CALIFORNIA	2,904,444
SURYANARAYANAN,		BAGAVATHIKANUN		THE REGENTS OF THE	
DEEPAK	2,904,281	CHITHAMBARA	2,904,432	UNIVERSITY OF	
SUTTON, JAMES	2,903,979	THE BOEING COMPANY	2,904,186	CALIFORNIA	2,904,630
SUZUKI, HIDETOSHI	2,904,392	THE BOEING COMPANY	2,904,222	THE REGENTS OF THE	
SUZUKI, MICHIHARU	2,904,494	THE BROAD INSTITUTE, INC.	2,904,099	UNIVERSITY OF	
SWEENEY, HOWARD J.	2,903,977	THE CALIFORNIA INSTITUTE		COLORADO, A BODY	
SWENSGARD, BRETT E.	2,904,578	FOR BIOMEDICAL		CORPORATE	2,904,329
SWENSGARD, BRETT E.	2,904,588	RESEARCH	2,904,160	THE REGENTS OF THE	
SWINYARD, DOUGLAS		THE CHEMOURS COMPANY		UNIVERSITY OF	
CRAIG	2,904,174	FC, LLC	2,904,209	MICHIGAN	2,903,630
SWINYARD, DOUGLAS		THE CHILDREN'S HOSPITAL		THE REGENTS OF THE	
CRAIG	2,904,177	OF PHILADELPHIA	2,904,156	UNIVERSITY OF	
SWINYARD, DOUGLAS		THE CHILDREN'S HOSPITAL		MICHIGAN	2,904,612
CRAIG	2,904,238	OF PHILADELPHIA	2,904,366	THE SCRIPPS RESEARCH	
SWINYARD, DOUGLAS		THE CLEVELAND CLINIC		INSTITUTE	2,904,160
CRAIG	2,904,241	FOUNDATION	2,903,974	THE TEXAS A&M	
SWISS STEM CELL		THE CLEVELAND CLINIC		UNIVERSITY SYSTEM	2,904,234
FOUNDATION	2,903,943	FOUNDATION	2,904,540	THE UNIVERSITY OF	
SYLVESTER, KEVIN THOMAS	2,904,439	THE COCA-COLA COMPANY	2,903,862	BRISTOL	2,904,062
SYWAK, STEPHEN ALAN	2,904,064	THE COCA-COLA COMPANY	2,903,870	THE UNIVERSITY OF NORTH	
TA, THANH GIA	2,904,172	THE CURATORS OF THE		CAROLINA AT CHAPEL	
TABAKMAN, SCOTT	2,903,874	UNIVERSITY OF		HILL	2,904,396
TABRIZI, PAYAM	2,904,292	MISSOURI	2,904,363	THEOCORP HOLDING	
TAKAGI, MITSURO	2,904,496	THE CURATORS OF THE		COMPANY, LLC	2,904,639
TAKAHASHI, HIROYUKI	2,904,142	UNIVERSITY OF		THERABIOME, LLC	2,904,389
TAKAHASHI, YOSHIMASA	2,904,142	MISSOURI	2,904,586	THERANOS, INC.	2,903,873
TAKANASHI, YOSUKE	2,904,152	THE GENERAL HOSPITAL		THERANOS, INC.	2,903,874
TAKASHITA, TAKUYA	2,903,399	CORPORATION	2,904,350	THOLE, VOLKER	2,903,917
TAKIGUCHI, MASAHIRO	2,904,235	THE HILLIARD		THOMAS JEFFERSON	
TAKIGUCHI, MASAHIRO	2,904,251	CORPORATION	2,904,602	UNIVERSITY	2,904,170
TAKLA, MICHAEL	2,904,144	THE HOSPITAL FOR SICK		THOMPSON, THERESA	2,904,011
TAMAKI, SHINJI	2,904,494	CHILDREN	2,904,162	THOMSON, MATTHEW	2,904,183
TAMICARE LTD.	2,904,130	THE HOSPITAL FOR SICK		THOMSON, SCOTT	2,904,183
TANAHASHI, HIROYUKI	2,904,122	CHILDREN	2,904,504	THONG, STEPHEN	2,904,574
TANG, MEINA TAO	2,904,095	THE IAMS COMPANY	2,903,907	THOREL, FABRIZIO	2,904,198
TANOKURA, AKIRA	2,904,142	THE INSTITUTE OF		THX LTD	2,904,413
TAO, YUMIN	2,904,537	ELECTRICAL AND		THX LTD	2,904,651
TARBOX, BRIAN J.	2,904,615	ELECTRONICS		THYSSENKRUPP INDUSTRIAL	
TATA STEEL IJMUIDEN BV	2,903,916	ENGINEERS, INC.	2,904,051	SOLUTIONS AG	2,904,147
TAYLOR, KURT M.	2,904,080	THE LUBRIZOL		THYSSENKRUPP	
TAYLOR, MARGARET	2,904,121	CORPORATION	2,903,985	RASSELSTEIN GMBH	2,903,936
TAYLOR, PETER	2,904,228	THE LUBRIZOL		THYSSENKRUPP STEEL	
TBL LICENSING LLC	2,904,668	CORPORATION	2,904,215	EUROPE AG	2,903,936
TCHOUKANNOVA, NADIA	2,904,232	THE MEDICINES COMPANY	2,904,523		

Index of PCT Applications Entering the National Phase

TICHKULE, RITESH		UNIVERSITY OF CENTRAL		VARGAS, MARIA DEL PILAR	
BHANUDASJI	2,904,184	FLORIDA RESEARCH		BUENO	2,904,021
TIEMANN, KLAUS	2,903,968	FOUNDATION, INC.	2,904,323	VARGAS, MARIA DEL PILAR	
TINUCCI, PETER S.	2,904,325	UNIVERSITY OF CENTRAL		BUENO	2,904,157
TIPPEY, DAROLD	2,904,503	FLORIDA RESEARCH		VARGESE, CHANDRA	2,904,184
TOFT, ADAM N.	2,904,384	FOUNDATION, INC.	2,904,375	VARMA, SHARAT	2,903,596
TOJO, SHINGO	2,904,152	UNIVERSITY OF CINCINNATI	2,904,671	VASAITIS, TADAS	2,904,170
TOKSOZ, ENGIN	2,904,090	UNIVERSITY OF FLORIDA		VATH, JAMES E.	2,904,353
TOKSVIG, MICHAEL JOHN		RESEARCH		VAUGHN, SHANNON	2,903,058
MCKENZIE	2,904,336	FOUNDATION,		VEAL, JAMES MARVIN	2,903,081
TOLSTORUKOV, ILYA I.	2,904,333	INCORPORATED	2,904,046	VELASCO, JOEL B.	2,904,686
TOLSTORUKOV, ILYA I.	2,904,367	UNIVERSITY OF GEORGIA		VELASQUEZ, MIREYA	
TOM, ALBERT	2,904,109	RESEARCH		PAULINA	2,904,230
TOMKINSON, BLAKE	2,904,630	FOUNDATION, INC.	2,904,363	VELDHUIZEN, DAVID S.	2,904,352
TOMOKIYO, TOSHIMASA	2,904,122	UNIVERSITY OF		VENTH, WILLIAM EDWIN	2,904,426
TOOTHMAN, THOMAS K.	2,904,352	HUDDERSFIELD	2,904,260	VENTIKOS, YIANNIS	2,904,057
TOPOR, ZBIGNIEW LUDWIK	2,904,608	UNIVERSITY OF MARYLAND		VENTIKOS, YIANNIS	2,904,060
TORCHIA, STEVEN R.	2,904,201	EASTERN SHORE	2,904,170	VEOLIA WATER SOLUTIONS	
TORIKAI, HIROKI	2,904,210	UNIVERSITY OF MARYLAND,		AND TECHNOLOGIES	
TORRES, RICARDO Y.	2,904,292	BALTIMORE	2,904,170	SUPPORT	2,904,498
TREJO, SAMUEL RAY	2,904,411	UNIVERSITY OF MIAMI	2,904,140	VERHAMME, DANIEL T.	2,904,506
TREMCO INCORPORATED	2,904,667	UNIVERSITY OF NORTH		VERKUIJSSE, WILLEM	2,903,969
TRIS PHARMA, INC.	2,904,045	CAROLINA AT CHAPEL		VERMA, AJAY	2,904,334
TRONOX LLC	2,904,016	HILL	2,904,140	VEXO INTERNATIONAL (UK)	
TROVAGENE, INC.	2,904,093	UNIVERSITY OF PITTSBURGH		LIMITED	2,903,939
TRUDELL MEDICAL		- OF THE		VIBAT, CECILE ROSE	2,904,093
INTERNATIONAL	2,904,519	COMMONWEALTH		VIDYASAGAR, SADASIVAN	2,904,046
TSAI, BOH C.	2,904,255	SYSTEM OF HIGHER		VIEWRAY INCORPORATED	2,904,330
TSAI, BOH C.	2,904,261	EDUCATION	2,904,397	VIEWRAY INCORPORATED	2,904,594
TSENG, ERICK	2,904,336	UNIVERSITY OF TENNESSEE		VIJAYASANKARAN,	
TSIONSKY, MICHAEL	2,904,020	RESEARCH		NATARAJAN	2,903,589
TSO, KIN	2,904,610	FOUNDATION	2,904,338	VIJAYASANKARAN,	
TSUBOI, KATSUNORI	2,904,152	UNIVERSITY OF THE		NATARAJAN	2,903,596
TSUBONE, KENJI	2,904,235	WITWATERSRAND,		VIKINSKY, OFER	2,904,487
TSUBONE, KENJI	2,904,251	JOHANNESBURG	2,895,099	VIND, JESPER	2,903,934
TSUKAGOSHI, IKUO	2,904,115	UP FIRST CONSTRUCTION		VIROLAINEN, NINA	2,904,573
TSUTSUMI, NORIKO	2,904,022	SYSTEMS PTY LTD	2,904,191	VIRONOVA HERPES AB	2,904,468
TU, YU-HSING	2,904,045	UPDYKE, JOHN R.	2,904,602	VISUAL PHYSICS, LLC	2,904,356
TUFTS UNIVERSITY	2,904,180	UPM-KYMMENE		VM PHARMA LLC	2,904,403
TURBOMECA	2,903,249	CORPORATION	2,903,988	VOGLER, CONNY	2,904,178
TURNER, JEREMY A.	2,904,437	URANAKA, MASAACKI	2,904,131	VRETTOS, JOHN STANLEY	2,904,327
TURNER, JOHNNIE F.	2,904,209	URBANI, CARL N.	2,904,516	W PROPERTIES	2,903,915
TYCO SAFETY PRODUCTS		UTI LIMITED PARTNERSHIP	2,904,546	WADA, CAROL K.	2,904,048
CANADA LTD.	2,904,249	UVAS, LLC	2,904,541	WADSWORTH, SAMUEL	2,904,623
UAB RESEARCH		VAARBROE, KLAUS HENRIK	2,904,404	WAHMANN, HENDRIK	2,904,098
FOUNDATION	2,903,869	VAIDHYANATHAN,		WAHMANN, HENDRIK	2,904,103
UCHIL, BEENA	2,904,670	RAMANATHAN	2,904,546	WALDEMAR LINK GMBH &	
UCHIYAMA, NAOKI	2,903,949	VALOIS, JEAN-SEBASTIEN	2,904,542	CO. KG	2,904,423
UCHIYAMA, NAOKI	2,903,951	VAN ACHTHOVEN, ERWIN	2,903,973	WALISH, JUDY	2,904,017
UCHIYAMA, YASUYUKI	2,903,951	VAN BRUGGEN, NICHOLAS	2,903,587	WALSTON, JEFF	2,904,243
UDENGAARD, BRIAN	2,904,092	VAN DEN HEUVEL,		WALSTON, JEFF	2,904,248
UDRISTE, DAN	2,904,113	THEOPHILUS CORNELUS	2,904,505	WANG, HAIBO	2,904,406
UENO, MASAYUKI	2,904,495	VAN DER STEEN, HEIN	2,904,193	WANG, JIN	2,904,338
UFKES, PHILIP J.	2,904,541	VAN GELDER, ERNST		WANG, JING	2,904,522
UHLE, CHRISTIAN	2,903,900	BARTHOLOMEUS MARIA	2,904,171	WANG, JUAN	2,904,420
ULLETT, JAMES M.	2,904,667	VAN GELDER, PETER HEINZ		WANG, LE	2,903,910
UMANA, PABLO	2,904,040	MARIA	2,904,171	WANG, LE	2,904,049
UNITED THERAPEUTICS		VAN GUMSTER, JASON	2,904,356	WANG, LING	2,904,403
CORPORATION	2,904,598	VAN KLINKEN, BERNARDUS		WANG, LIUFANG	2,903,912
UNITES STATES GYPSUM		JAN-WILLEM	2,904,348	WANG, NICK X.	2,904,341
COMPANY	2,904,667	VAN LAMOEN, RICHARD	2,903,973	WANG, QINGLI	2,904,189
UNIVERSITATSSPITAL BASEL	2,903,921	VAN WITENBURG, JIMMY	2,904,558	WANG, SHUANGXI	2,904,184
UNIVERSITE DE GENEVE	2,904,198	VANDLEN, RICHARD	2,903,587	WANG, WEIJIE	2,904,505
UNIVERSITE LAVAL	2,904,545	VANLEEUVEN, RYAN	2,903,058	WANG, XIAO-JING	2,904,329

Index des demandes PCT entrant en phase nationale

WANG, XIAOTING	2,903,587	WILKINSON, DARREN LEE	2,903,939	YEOLE, RAVINDRA	
WANG, XIAOYU	2,903,978	WILLIAMS, KURTIS	2,904,638	DATTATRAYA	2,904,082
WANG, YAPING	2,903,979	WILLIAMS, MARNA B.	2,904,095	YEOLE, RAVINDRA	
WANG, YI	2,904,374	WILLOUGHBY, JAY	2,904,431	DATTATRAYA	2,904,084
WANG, YUNFANG	2,904,140	WINCKWORTH, TREVOR	2,904,649	YEOLE, RAVINDRA	
WANG, YUXIN	2,904,111	WINCOR NIXDORF		DATTATRAYA	2,904,089
WANKHEDE, KARUNA		INTERNATIONAL GMBH	2,904,114	YIN, HAIFENG	2,904,374
SURESH	2,904,079	WINKENWERDER, WYATT	2,903,978	YIN, ZUOHONG	2,904,328
WANKHEDE, KARUNA		WINSLOW, NATHAN A.	2,904,029	YODER, BRYAN	2,904,245
SURESH	2,904,084	WINSLOW, NATHAN A.	2,904,427	YODER, BRYAN	2,904,246
WANNEMACHER, KURT	2,904,254	WISE, KENSALL D.	2,904,642	YOKOI, NOBUYUKI	2,903,952
WARATAH NZ LIMITED	2,904,174	WISEMAN, BRIAN M.	2,904,421	YOON, HONGCHUL	2,904,160
WARATAH NZ LIMITED	2,904,177	WISNIEWSKI, NATALIE	2,904,127	YOON, JU-NO	2,904,497
WARATAH NZ LIMITED	2,904,238	WITHERSPOON, KATHERINE		YOSHIZAWA, HIDEO	2,904,494
WARATAH NZ LIMITED	2,904,241	GOSS	2,904,365	YOUNG, ROBERT THOMAS	2,904,209
WARN INDUSTRIES, INC.	2,904,243	WOBLEN PROPERTIES GMBH	2,903,995	YUAN, JIANWEI	2,904,604
WARN INDUSTRIES, INC.	2,904,245	WOCKHARDT LIMITED	2,904,079	YUAN, SHUHUA	2,904,234
WARN INDUSTRIES, INC.	2,904,246	WOCKHARDT LIMITED	2,904,082	YUSTUS, JOE	2,904,025
WARN INDUSTRIES, INC.	2,904,248	WOCKHARDT LIMITED	2,904,084	ZABAWA, THOMAS	2,904,184
WATER PIK, INC.	2,904,080	WOCKHARDT LIMITED	2,904,089	ZADOYAN, RUBEN	2,904,663
WATSON & CHALIN		WOELK-FAEHRMANN,		ZAFGEN, INC.	2,904,353
MANUFACTURING, INC.	2,904,101	MICHAEL	2,904,137	ZAGHOUBANI, HABIB	2,904,586
WAVIEN, INC.	2,904,262	WOLDT, BENJAMIN	2,904,118	ZAHNISER, DAVID	2,904,401
WEADOCK, KEVIN	2,904,226	WOLDT, BENJAMIN	2,904,137	ZAHNISER, MICHAEL	2,904,401
WEATHERFORD		WOLFFE, DAVID	2,904,120	ZAJAC, TOMASZ	2,904,123
TECHNOLOGY		WOLLENBERG, JOHANNES	2,903,918	ZAKHAROV, MIKHAIL N.	2,904,293
HOLDINGS, LLC	2,904,483	WOLLER, KEVIN R.	2,904,048	ZALUBOVSKY, SERGEY	
WEATHERFORD/LAMB, INC.	2,904,351	WONG, KAM LIN	2,904,401	JOSEPH	2,903,990
WEATHERFORD/LAMB, INC.	2,904,443	WONG, YOON KEAN	2,904,336	ZANGHELLINI, ALEXANDRE	2,904,537
WEATHERFORD/LAMB, INC.	2,904,445	WOO, EDWARD J.	2,903,967	ZANTOUT, ALAN	2,904,347
WEATHERFORD/LAMB, INC.	2,904,446	WORSHAM, ROBERT WADE	2,903,583	ZAVADSKY, VALDEMAR	2,904,114
WEAVER, J. MICHAEL	2,904,422	WORTMANN, LARS	2,903,925	ZEESE, NICHOLAS	2,904,373
WEBER, ANDREJ	2,904,500	WRIGHT MEDICAL		ZELENAIA, OLGA	2,904,156
WEGENER, ANSGAR	2,903,901	TECHNOLOGY, INC.	2,863,663	ZERUCHA, ELLEN	2,904,667
WEGENER, ANSGAR	2,903,903	WRIGHT MEDICAL		ZHANG, CHANGLI	2,903,912
WEHMEYER, WOLFGANG	2,904,469	TECHNOLOGY, INC.	2,904,652	ZHANG, JING	2,904,610
WEI, BINQING	2,904,044	WRIGHT, GREGG JOHN	2,904,195	ZHANG, QINGHONG	2,904,329
WEI, JUN-ZHI	2,904,363	WRIGHT, J. FRASER	2,904,156	ZHANG, YANSHI	2,904,215
WEI, KARL SHIQING	2,904,420	WRIGHT, JOHN FRASER	2,904,366	ZHANG, YI	2,904,598
WEI, XIAOHUI	2,904,095	WRIGHT, TERESA	2,904,052	ZHAO, JUNPING	2,904,184
WEIMER, MICHAEL JAMES	2,904,185	WU, GUSUI	2,904,363	ZHAO, QIAN	2,903,979
WEISEL, THOMAS	2,903,058	WU, JAY JIE-QIANG	2,904,403	ZHU, SHAWN	2,903,978
WEISS, DANIEL AARON	2,904,368	WU, TAO	2,904,393	ZHU, SHOUTIAN	2,904,160
WELZ, SASCHA J.	2,904,565	WU, YONGQING	2,904,339	ZHU, TAIYUN	2,903,912
WENDLER, IAN	2,904,243	WYNN, JAMES P.	2,904,038	ZIEMBA, ADAM ARNOLD	
WEST, ELLERY	2,904,012	XIONG, MENGLI	2,904,528	EDWARD	2,904,365
WEST, GAIL	2,904,012	XIONG, MENGLI	2,904,532	ZIM, DANILO	2,904,581
WEST, LAURA	2,904,184	XTI AIR TRANSIT, INC.	2,904,010	ZIMMERMAN, PATRICK J.	2,904,445
WEST, RYAN	2,903,870	XU, XIUJUN	2,904,420	ZONIT STRUCTURED	
WESTERMAN, KEITH	2,904,357	XYLEM WATER SOLUTIONS		SOLUTIONS, LLC	2,904,199
WESTERMAN, MARK	2,904,357	ZELIENOPLE LLC	2,903,977	ZORA BIOSCIENCES OY	2,903,946
WESTFAELISCHE WILHELMS-		YAHKIND, ALEXANDER LEO	2,904,429	ZST HOLDINGS, INC.	2,904,608
UNIVERSITAET		YANG, BAIYUAN	2,904,160	ZWIER, JACOB M.	2,903,967
MUENSTER	2,903,968	YANG, QING	2,904,197		
WHITE, CHARLES R.	2,904,083	YANG, SANMIN	2,904,598		
WHITE, CRAIG KARL	2,903,966	YANG, YI	2,903,596		
WHITING, JEFFREY P.	2,904,343	YASEVAC, DANIEL	2,904,017		
WIDEX A/S	2,904,404	YASUHARA, MASAMICHI	2,904,489		
WIENER, STEWART M.	2,904,615	YAZAWA, HIDEKI	2,904,492		
WILDGOOSE, JASON LEE	2,903,941	YE, SHIMING	2,904,528		
WILFONG, HARRY B., JR.	2,904,449	YE, SHIMING	2,904,532		
WILFONG, HARRY B., JR.	2,904,450	YEN, ROSE	2,904,610		
WILFONG, HARRY B., JR.	2,904,525	YEOLE, RAVINDRA			
WILKIN, JAMES F.	2,904,443	DATTATRAYA	2,904,079		

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

ABBVIE BIOTECHNOLOGY LTD.	2,903,138	KAZUI, KIMIHIKO	2,903,898	WALTER REED ARMY INSTITUTE OF RESEARCH	2,903,126
ABBVIE BIOTECHNOLOGY LTD.	2,904,458	KING, BRUCE A.	2,903,441	WANG, ZHENG YIN	2,904,267
ABBVIE DEUTSCHLAND GMBH & CO KG	2,904,447	KOYAMA, JUNPEI	2,903,898	WEINBERG, MARK	2,903,138
ADAMIS, ANTHONY P.	2,903,196	KRAUSE, HANS-JUERGEN	2,904,458	WENG, XIAOWEI	2,902,470
ALLEN, BLAKE	2,903,692	KRIOUTCHKOV, SERGUEI I.	2,904,267	WHITEHEAD, STEPHEN S.	2,903,126
BAEZ, CARLOS	2,902,924	MAGUIRE, YAEL	2,903,796	WILLIAMS, DWIGHT P.	2,902,522
BARTL, ANNIKA	2,904,458	MCGONIGLE, BRIAN	2,902,719	WILLIAMS, DWIGHT P.	2,902,524
BECK, KENT	2,903,692	MCGONIGLE, BRIAN	2,902,723	WORKU, ANTENEH	2,903,441
BELL, GORDON ALASTAIR	2,903,631	MERRITHEW CORPORATION	2,902,924	ZEVEX, INC.	2,903,692
BHATT, VIRAL	2,902,924	MERRITHEW, LINDSAY G.	2,902,924		
BHUSHAN, NAGA	2,903,687	MERRITHEW, MOIRA M.	2,902,924		
BLANEY, JOSEPH E., JR.	2,903,126	MURPHY, BRIAN R.	2,903,126		
BLOCK, DAVID S.	2,902,942	OLSEN, HENRIK	2,902,942		
BLUEBEAM SOFTWARE, INC.	2,903,818	OPHTHOTECH CORPORATION	2,903,196		
BULTMAN, JASON	2,903,692	PERM INSTRUMENTS INC.	2,904,267		
CALIAS, PERRY	2,903,196	PFENNIGHAUSEN, SCOTT B.	2,904,476		
CAWOOD, MATTHEW D.	2,903,920	PLETNEV, ALEXANDER G.	2,903,126		
CHAKRABARTY, TAPANTOSH	2,897,785	PUTNAK, JOSEPH R.	2,903,126		
CHANOCK, ROBERT M.	2,903,126	QUALCOMM INCORPORATED	2,903,687		
DOW GLOBAL TECHNOLOGIES LLC	2,903,441	RAMSAY, GUY	2,903,631		
E. I. DU PONT DE NEMOURS AND COMPANY	2,902,723	RODEN, ROBERT L.	2,904,447		
E.I. DU PONT DE NEMOURS AND COMPANY	2,902,719	SAMMARTINO, GIUSEPPE	2,903,315		
EAST, DAVID M.	2,903,315	SCHLUMBERGER CANADA LIMITED	2,902,470		
EGGERS, PHILIP	2,903,692	SHIMA, DAVID	2,903,196		
ERDMAN, MATTHEW M.	2,903,542	SHIMADA, SATOSHI	2,903,898		
FACEBOOK, INC.	2,903,796	SIEBRITS, EDUARD	2,902,470		
FEDERSPIEL, RYAN	2,903,692	SMITH, STEPHEN M.	2,904,476		
FRAUNHOFER, WOLFGANG	2,904,458	SPEARS, CASEY R.	2,902,522		
FUJITSU LIMITED	2,903,898	SPEARS, CASEY R.	2,902,524		
GERBER, MICHAEL J.	2,904,447	STANDARD CAR TRUCK COMPANY	2,903,315		
GLIKNIK INC.	2,902,942	STOBBY, WILLIAM GERALD	2,903,441		
GOLEMBIEWSKI, RONALD D.	2,903,315	SYNGENTA PARTICIPATIONS AG	2,903,631		
GORCZYNSKI, RICHARD J.	2,904,447	THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2,903,126		
GOROKHOV, ALEXEI	2,903,687	THOMAS & BETTS INTERNATIONAL, INC.	2,903,920		
GUNDERSON, BENJAMIN	2,903,818	TRACY, JOSEPH J.	2,904,476		
HARRIS, DELBERT LINN	2,903,542	TSCHOEPE, MARKUS	2,904,458		
HARRISON, VICTOR I.	2,904,476	TYCO FIRE & SECURITY GMBH	2,902,522		
HARTMANN, BRIAN	2,903,818	TYCO FIRE & SECURITY GMBH	2,902,524		
HOFFMAN, REBECCA S.	2,903,138	UNITED TOTE COMPANY	2,904,476		
IMPERIAL OIL RESOURCES LIMITED	2,897,785	VLAZNY, KENNETH A.	2,904,476		
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	2,903,542				
JURETICH, JEFF	2,903,692				
KADOUS, TAMER	2,903,687				
KALETA, KATHARINA	2,904,458				
KANTZAS, APOSTOLOS	2,904,267				