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La Gazette

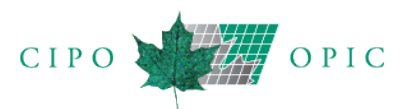
du Bureau des brevets



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Canada



THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
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.

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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:

2,529,340

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 :

2,529,340

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 December 30, 2014

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1544*
For each additional sheet over 30	\$17
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 30 décembre 2014

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1544 \$*
Pour chaque feuille au delà de 30	17 \$
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)) \$232

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 232 \$

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

* International fees will be reduced by:

- \$116 for all applications filed using PCT-EASY,
- \$232 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$348 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:

- 116 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 232 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 348 \$ 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 trademark 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
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
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
Édifrice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
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.

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.

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.

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. 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.

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.

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.

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.

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.

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 February 17, 2015 contains applications open to public inspection from February 1, 2015 to February 7, 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 17 février 2015 contient les demandes disponibles au public pour consultation pour la période du 1 février 2015 au 7 février 2015.

Canadian Patents Issued

February 17, 2015

Brevets canadiens délivrés

17 février 2015

[11] **2,336,160**
[13] C

[51] **Int.Cl. A61K 31/34 (2006.01) A61P 31/18 (2006.01) C12Q 1/00 (2006.01) C12Q 1/02 (2006.01) C12Q 1/37 (2006.01) C12Q 1/70 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **USE OF COMPOUNDS FOR TREATING HIV**

[54] **UTILISATION DE COMPOSES POUR TRAITER LE VIH**

[72] ERICKSON, JOHN W., US

[72] GULNIK, SERGEI V., US

[72] MITSUYA, HIROAKI, US

[72] GHOSH, ARUN K., US

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

[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US

[85] 2000-12-27

[86] 1999-06-23 (PCT/US1999/014119)

[87] (WO1999/067417)

[30] US (60/090,393) 1998-06-23

[11] **2,385,745**
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61M 5/178 (2006.01) A61P 19/02 (2006.01) C07K 16/24 (2006.01)**

[25] EN

[54] **METHODS OF ADMINISTERING ANTI-TNF.ALPHA. ANTIBODIES**

[54] **METHODES POUR ADMINISTRER DES ANTICORPS ANTI-TNF.ALPHA.**

[72] KEMPENI, JOACHIM, DE

[72] WEISS, ROBERTA, US

[72] FISCHKOFF, STEVEN, US

[73] ABBVIE BIOTECHNOLOGY LTD., BM

[86] (2385745)

[87] (2385745)

[22] 2002-05-10

[30] US (60/296,961) 2001-06-08

[11] **2,393,453**
[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **REAL-TIME SEARCH ENGINE FOR ENABLING DIRECT TRANSFER OF DATA OBJECTS**

[54] **MOTEUR DE RECHERCHE EN TEMPS REEL ASSURANT LE TRANSFERT DIRECT D'OBJETS DE DONNEES**

[72] FANNING, SHAWN, US

[72] FANNING, JOHN, US

[72] KESSLER, EDWARD, US

[73] RHAPSODY INTERNATIONAL INC., US

[85] 2002-06-04

[86] 2000-12-14 (PCT/US2000/033856)

[87] (WO2001/044973)

[30] US (09/464,653) 1999-12-15

[11] **2,412,134**
[13] C

[51] **Int.Cl. G06F 17/40 (2006.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01) B61L 29/00 (2006.01) G08C 17/02 (2006.01)**

[25] EN

[54] **HIGHWAY RAILROAD CROSSING VEHICLE DETECTION METHODS AND SYSTEMS**

[54] **METHODES ET SYSTEMES DE DETECTION DE VEHICULES AUX PASSAGES A NIVEAU**

[72] HILLEARY, THOMAS N., US

[73] LEBARGE, INC., US

[86] (2412134)

[87] (2412134)

[22] 2002-11-19

[30] US (10/005,231) 2001-12-03

[11] **2,436,080**
[13] C

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD OF PREPARING AND PROCESSING DATA FOR TRADE PROMOTION**

[54] **SYSTEME ET PROCEDE DE PREPARATION ET DE TRAITEMENT DE DONNEES DESTINEES A UNE PROMOTION COMMERCIALE**

[72] GILDAY, SCOTT R., US

[72] ORLER, VICTOR J., US

[72] ZAKS, ALEX, US

[72] LIU, JIE, US

[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[85] 2003-07-24

[86] 2002-01-24 (PCT/US2002/001835)

[87] (WO2002/067081)

[30] US (09/768,144) 2001-01-24

[11] **2,444,351**
[13] C

[51] **Int.Cl. G01N 33/08 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR DETERMINING THE VIABILITY OF EGGS**

[54] **DISPOSITIF ET PROCEDE PERMETTANT DE DETERMINER LA VIABILITE DE OEUFs**

[72] REEVES, SIDNEY JAMES, GB

[72] SIMPSON, KEITH ANGUS, GB

[73] VISCON B.V., NL

[85] 2003-10-15

[86] 2002-04-17 (PCT/GB2002/001784)

[87] (WO2002/086495)

[30] GB (0109765.8) 2001-04-20

Canadian Patents Issued
February 17, 2015

[11] **2,459,262**
[13] C
[51] **Int.Cl. B60R 21/01 (2006.01) B60R 21/16 (2006.01) B60R 21/264 (2006.01) B60R 22/195 (2006.01) B60R 22/46 (2006.01) F42B 3/14 (2006.01) H01T 13/20 (2006.01) H01T 21/00 (2006.01) F23Q 3/00 (2006.01) F42C 19/00 (2006.01)**
[25] EN
[54] **METAL FIXING MATERIAL BUSHING AND METHOD FOR PRODUCING A BASE PLATE OF A METAL FIXING MATERIAL BUSHING**
[54] **BAGUE DE FIXATION METALLIQUE ET METHODE DE PRODUCTION DE LA PLAQUE DE BASE ASSOCIEE**
[72] FINK, THOMAS, DE
[72] HEEKE, NEIL, US
[72] OLZINGER, ADOLF, DE
[72] PFEIFER, THOMAS, DE
[72] RANFTL, REINHARD, DE
[72] BENDER, RICHARD, DE
[72] FORSTER, BARTHOLOMAEUS, DE
[73] SCHOTT AG, DE
[86] (2459262)
[87] (2459262)
[22] 2004-03-01
[30] DE (203 03 413.9) 2003-03-03
[30] DE (103 21 067.9) 2003-05-10
[30] DE (103 26 253.9) 2003-06-11
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[11] **2,460,254**
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[51] **Int.Cl. H04B 3/46 (2015.01) H04N 17/00 (2006.01)**
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[54] **POLARITY CORRECTION CIRCUIT AND SYSTEM INCORPORATING THE SAME**
[54] **CIRCUIT DE CORRECTION DE POLARITE ET SYSTEME COMPRENANT CE CIRCUIT**
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[73] SENSORMATIC ELECTRONICS, LLC, US
[86] (2460254)
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[22] 2004-03-08
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[11] **2,485,999**
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[25] EN
[54] **MUCOSAL COMBINATION VACCINES FOR BACTERIAL MENINGITIS**
[54] **VACCINS COMBINES DESTINES A ETRE ADMINISTRES AUX MUQUEUSES POUR L'IMMUNISATION CONTRE LA MENINGITE BACTERIENNE**
[72] O'HAGAN, DEREK THOMAS, US
[73] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT
[85] 2004-11-12
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[87] (WO2003/094960)
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[11] **2,491,381**
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[25] EN
[54] **COMPUTER BASED SYSTEM AND METHOD FOR GATHERING AND PROCESSING SCIENTIFIC PROJECT DATA**
[54] **SYSTEME ET METHODE INFORMATIQUES PERMETTANT DE RECUEILLIR ET DE TRAITER DES DONNEES DE PROJETS SCIENTIFIQUES**
[72] GILMOUR, WILLIAM, CA
[72] DANKOWYCH, JOHN, CA
[73] BCE INC, CA
[86] (2491381)
[87] (2491381)
[22] 2004-12-31

[11] **2,493,121**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) A23K 1/00 (2006.01) A23K 1/18 (2006.01)**
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[54] **LACTOBACILLUS STRAINS AND USES THEREFOR**
[54] **SOUCHES DE LACTOBACILLUS ET UTILISATIONS CORRESPONDANTES**
[72] REHBERGER, THOMAS G., US
[72] MAXWELL, CHARLES V., US
[73] AGTECH PRODUCTS, INC., US
[85] 2005-01-20
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[11] **2,494,384**
[13] C
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[25] EN
[54] **A SEGMENT OF GLYCOSYLATION-DEFICIENT HGF .ALPHA.-CHAIN**
[54] **UN SEGMENT DE CHAINE ALPHA DE FACTEUR DE CROISSANCE HEPATOCYTE (HGF) DEFICIENT EN GLYCOSYLATION**
[72] NAKAMURA, TOSHIKAZU, JP
[72] MATSUMOTO, KUNIO, JP
[72] FUKUTA, KAZUHIRO, JP
[73] KRINGLE PHARMA INC., JP
[73] NAKAMURA, TOSHIKAZU, JP
[86] (2494384)
[87] (2494384)
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[11] **2,496,664**
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[54] **ENCRYPTING OPERATING SYSTEM**
[54] **SYSTEME D'EXPLOITATION A CHIFFREMENT**
[72] CARTER, ERNST B., US
[72] ZOLOTOV, VASILY, US
[73] EXIT-CUBE, INC., US
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[25] EN

[54] **PROCEDURE FOR THE LARGE-SCALE T-LYMPHOCYTES CULTURE IN A HOMOGENEOUS SYSTEM**

[54] **METHODE DE CULTURE A GRANDE ECHELLE DE LYMPHOCYTES T DANS UN SYSTEME HOMOGENE**

[72] TRASCIATTI, SILVIA, IT

[72] NOLLI, MARIA LUISA, IT

[72] CAVENAGHI, LUIGI, IT

[72] DE BERNARDI, NADIA, IT

[73] ABIOGEN PHARMA S.P.A., IT

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[54] **INHIBITION OF IL-17 PRODUCTION**

[54] **INHIBITION DE LA PRODUCTION D'IL-17**

[72] GURNEY, AUSTIN L., US

[73] GENENTECH, INC., US

[85] 2005-04-07

[86] 2003-10-29 (PCT/US2003/034429)

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[25] EN

[54] **2'-BRANCHED NUCLEOSIDES AND FLAVIVIRIDAE MUTATION**

[54] **NUCLEOSIDE A RAMIFICATION EN 2' ET MUTATION DE FLAVIVIRIDAE**

[72] SOMMADOSSI, JEAN-PIERRE, US

[72] LA COLLA, PAOLO, IT

[72] STANDRING, DAVID, US

[72] BICHKO, VADIM, US

[72] QU, LIN, US

[73] UNIVERSITA DEGLI STUDI DI CAGLIARI, IT

[73] IDENIX PHARMACEUTICALS, INC., US

[85] 2005-05-13

[86] 2003-11-17 (PCT/US2003/036714)

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[11] **2,506,331**
[13] C

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[25] FR

[54] **PROTEIN SPECIFIC TO PANCREATIC BETA CELLS IN ISLETS OF LANGERHANS AND APPLICATIONS THEREOF**

[54] **PROTEINE SPECIFIQUE DES CELLULES PANCREATIQUES BETA DES ILOTS DE LANGERHANS ET SES APPLICATIONS**

[72] SEVE, MICHEL, FR

[72] FAVIER, ALAIN, FR

[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR

[73] UNIVERSITE JOSEPH FOURIER, FR

[85] 2005-05-16

[86] 2003-11-18 (PCT/FR2003/003413)

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[11] **2,509,326**
[13] C

[51] **Int.Cl. B32B 3/28 (2006.01) B29C 53/28 (2006.01) B31F 1/22 (2006.01) B32B 37/14 (2006.01) B65D 30/08 (2006.01)**

[25] EN

[54] **LAMINATES OF FILMS HAVING IMPROVED RESISTANCE TO BENDING IN ALL DIRECTIONS AND METHODS AND APPARATUS FOR THEIR MANUFACTURE**

[54] **STRATIFIES DE FEUILLES PRESENTANT UNE RESISTANCE AMELIOREE A LA FLEXION DANS TOUTES LES DIRECTIONS ET PROCEDES ET DISPOSITIFS PERMETTANT DE LES PRODUIRE**

[72] RASMUSSEN, OLE-BENDT, CH

[73] RASMUSSEN, OLE-BENDT, CH

[85] 2005-06-09

[86] 2003-12-09 (PCT/EP2003/015001)

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[30] GB (0304649.7) 2003-02-28

[30] GB (0319955.1) 2003-08-26

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[54] **METHOD AND SYSTEM FOR REGISTERING A MEDICAL SITUATION ASSOCIATED WITH A FIRST COORDINATE SYSTEM, IN A SECOND COORDINATE SYSTEM USING AN MPS SYSTEM**

[54] **PROCEDE ET SYSTEME D'ENREGISTREMENT D'UNE SITUATION MEDICALE ASSOCIEE A UN PREMIER SYSTEME DE COORDONNEES, DANS UN SECOND SYSTEME DE COORDONNEES, AU MOYEN D'UN SYSTEME MPS**

[72] STROMMER, GERA, IL

[72] EICHLER, UZI, IL

[73] MEDIGUIDE LTD., IL

[85] 2005-06-16

[86] 2003-12-18 (PCT/IL2003/001090)

[87] (WO2004/062497)

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[13] C

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[25] EN

[54] **POLYMER CONJUGATES OF INTERFERON-BETA WITH ENHANCED BIOLOGICAL POTENCY**

[54] **CONJUGUES POLYMERES D'INTERFERON-BETA PRESENTANT UNE ACTIVITE BIOLOGIQUE ACCRUE**

[72] SAIFER, MARK G.P., US

[72] MARTINEZ, ALEXA L., US

[72] WILLIAMS, L. DAVID, US

[72] SHERMAN, MERRY R., US

[73] MOUNTAIN VIEW PHARMACEUTICALS, INC., US

[85] 2005-06-27

[86] 2003-12-23 (PCT/US2003/041160)

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[11] **2,517,399**
[13] C

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

[25] EN

[54] **MAINTAINING GRAPHICAL PRESENTATIONS BASED ON USER CUSTOMIZATIONS**

[54] **MAINTIEN DE PRESENTATIONS GRAPHIQUES EN FONCTION DES SPECIFICATIONS DE L'UTILISATEUR**

[72] WONG, KAREN K., US

[72] SHERMAN, SCOTT A., US

[72] WRIGHT, DAWN, US

[72] KOTLER, MATTHEW J., US

[72] BERKER, ILAN, US

[72] GILBERT, BRENT, US

[72] SHELLY, CYNTHIA C., US

[72] PRITTING, GARY A., US

[72] ST. AMANT, KIM TAPIA, US

[72] WOLF, RICHARD J., US

[73] MICROSOFT CORPORATION, US

[86] (2517399)

[87] (2517399)

[22] 2005-08-29

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[30] US (11/013,655) 2004-12-15

[11] **2,520,265**
[13] C

[51] **Int.Cl. A61M 15/00 (2006.01)**

[25] EN

[54] **AEROSOLIZATION APPARATUS WITH CAPSULE PUNCTURE ALIGNMENT GUIDE**

[54] **APPAREIL DE PULVERISATION EN AEROSOL COMPRENANT UN GUIDE D'ALIGNEMENT POUR PERFORER LA CAPSULE**

[72] DUNKLEY, MICHAEL JOHN, GB

[72] TUCKWELL, JONATHAN DAVID, GB

[72] VERNON-HARCOURT, EDWARD WILLIAM, GB

[72] GLUSKER, MARK J., US

[72] PABOOJIAN, STEVE, US

[73] NOVARTIS AG, CH

[85] 2005-09-23

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[87] (WO2004/091707)

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[11] **2,524,063**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/0797 (2010.01) A61P 27/02 (2006.01)**

[25] EN

[54] **HEMATOPOIETIC STEM CELLS AND METHODS OF TREATMENT OF NEOVASCULAR EYE DISEASES THEREWITH**

[54] **CELLULES SOUCHES HEMATOPOIETIQUES ET METHODES DE TRAITEMENT DE MALADIES OCULAIRES NEOVASCULAIRES UTILISANT CES CELLULES SOUCHES**

[72] FRIEDLANDER, MARTIN, US

[72] OTANI, ATSUSHI, US

[72] DASILVA, KAREN, US

[72] HANEKAMP, STACEY, US

[73] THE SCRIPPS RESEARCH INSTITUTE, US

[85] 2005-11-01

[86] 2004-04-28 (PCT/US2004/012989)

[87] (WO2004/098499)

[30] US (60/467,051) 2003-05-02

[30] US (10/628,783) 2003-07-25

[11] **2,524,261**
[13] C

[51] **Int.Cl. G01N 33/533 (2006.01)**

[25] EN

[54] **CHROMATOGRAPHIC ASSAY SYSTEM**

[54] **SYSTEME DE DOSAGE CHROMATOGRAPHIQUE**

[72] CHOI, YOUNG HO, US

[72] JUNG, JAEAN, US

[73] ACCESS BIO, INC., US

[85] 2005-10-31

[86] 2004-05-03 (PCT/US2004/013762)

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[11] **2,525,482**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **IMPROVED SYSTEM FOR MULTICOLOR REAL-TIME PCR COMPRISING 3 TO 6 PAIRS OF FORESTER RESONANCE ENERGY TRANSFER (FRET) PROBES**

[54] **SYSTEME AMELIORE POUR PCR EN TEMPS REEL MULTICOLORE COMPRENANT DE TROIS A SIX PAIRES DE SONDAS DE TRANSFERT D'ENERGIE PAR RESONANCE DE TYPE FORSTER (FRET)**

[72] SAGNER, GREGOR, DE

[72] BECHLER, INGRID, DE

[72] BOLTE, JOCHEN, DE

[72] HEINDL, DIETER, DE

[72] JOSEL, HANS-PETER, DE

[72] GUTEKUNST, MARTIN, DE

[72] SEIBL, RUDOLF, DE

[72] MUELLER, CHRISTOPH, DE

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2005-10-04

[86] 2004-04-01 (PCT/EP2004/003457)

[87] (WO2004/087950)

[30] EP (03007458.7) 2003-04-04

[30] EP (03014929.8) 2003-07-01

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[13] C

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[25] EN
[54] **METHOD OF DETECTING PAGES SUBJECT TO RELOAD ARTIFACT**
[54] **METHODE DE DETECTION DE PAGES SOUMISES A UN ARTEFACT DE RECHARGEMENT**
[72] KLASSEN, R. VICTOR, US
[73] XEROX CORPORATION, US
[86] (2527173)
[87] (2527173)
[22] 2005-11-17
[30] US (10/998,098) 2004-11-24

[11] ***2,529,340**
[13] C

[51] **Int.Cl. A61L 24/00 (2006.01) A61L 24/06 (2006.01) C09J 123/20 (2006.01)**
[25] EN
[54] **ENZYME INHIBITING ADHESIVES**
[54] **ADHESIFS INHIBITEURS D'ENZYMES**
[72] SAMBASIVAM, MAHESH, US
[73] CONVATEC TECHNOLOGIES INC., US
[86] (2529340)
[87] (2529340)
[22] 2005-12-08
[30] US (60/639,381) 2004-12-27

[11] **2,531,182**
[13] C

[51] **Int.Cl. C12N 1/20 (2006.01) B09B 3/00 (2006.01) B09C 1/10 (2006.01) C02F 3/00 (2006.01) C02F 3/34 (2006.01) C12N 11/00 (2006.01)**
[25] EN
[54] **SUPPORT FOR HOLDING A COMPLEXED ENRICHMENT OF DEGRADING BACTERIA AND MANUFACTURING METHOD THEREOF, NOVEL BACTERIA AND METHOD OF CLEANING POLLUTED ENVIRONMENT AND DEVICE THEREOF**
[54] **SUPPORT POUR SYSTEME ENRICHI COMPLEXE DE BACTERIES DE DECOMPOSITION ET METHODE DE FABRICATION CONNEXE, NOUVELLES BACTERIES ET METHODE DE NETTOYAGE DE MILIEUX POLLUES ET DISPOSITIFS CONNEXES**
[72] YOSHIOKA, YUUICHI, JP
[72] HARADA, NAOKI, JP
[72] TAKAGI, KAZUHIRO, JP
[73] NATIONAL INSTITUTE FOR AGRO-ENVIRONMENTAL SCIENCES INDEPENDENT ADMINISTRATIVE INSTITUTE, JP
[73] KOWA CO., LTD., JP
[73] TAKAGI, KAZUHIRO, JP
[86] (2531182)
[87] (2531182)
[22] 2006-01-23
[30] JP (2005-018901) 2005-01-26
[30] JP (2005-169369) 2005-06-09
[30] JP (2005-189986) 2005-06-29

[11] **2,534,479**
[13] C

[51] **Int.Cl. B27K 5/04 (2006.01) B27K 5/02 (2006.01)**
[25] EN
[54] **METHOD OF BLEACHING WOOD**
[54] **METHODE DE BLANCHIMENT DU BOIS**
[72] SPINOLA, FRED, CA
[72] WATERS, CARLA, CA
[72] STEVENS, JOHN R., CA
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2534479)
[87] (2534479)
[22] 2006-01-30
[30] US (60/647,437) 2005-01-28

[11] **2,539,957**
[13] C

[51] **Int.Cl. A41D 19/015 (2006.01) A41D 13/015 (2006.01) A41D 13/08 (2006.01) A63B 71/14 (2006.01)**
[25] EN
[54] **WORK GLOVE FOR PROTECTING SELECTED ANATOMICAL PORTIONS OF A HAND**
[54] **GANT DE TRAVAIL PROTEGEANT DES PARTIES ANATOMIQUES CHOISIES DE LA MAIN**
[72] KLEINERT, JAMES M., US
[73] HILLERICH & BRADSBY CO., US
[85] 2006-03-23
[86] 2004-09-24 (PCT/US2004/031316)
[87] (WO2005/029986)
[30] US (10/670,859) 2003-09-25

[11] **2,540,844**
[13] C

[51] **Int.Cl. B22D 19/00 (2006.01) B22D 17/00 (2006.01)**
[25] EN
[54] **HYBRID COMPONENT**
[54] **COMPOSANT HYBRIDE**
[72] SKSZEK, TIMOTHY W., US
[72] HORTON, FRANK A., US
[72] YOUNG, WARREN, US
[72] MELLIS, JEFFREY J., US
[72] GABBIANELLI, GIANFRANCO, US
[72] EGLE, DEWAYNE D., US
[72] SULISZ, DANIEL, CA
[72] KISELIS, GREGORY P., US
[72] LANGLOIS, ERRYN LEIGH, CA
[72] WERNER, MARK F., CA
[72] KOTAGIRI, SEETARAMA S., US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2006-03-29
[86] 2004-10-20 (PCT/US2004/034504)
[87] (WO2005/042188)
[30] US (60/512,827) 2003-10-20
[30] US (60/612,800) 2004-09-27

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[13] C

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[25] EN
[54] **TIM-3 POLYPEPTIDES**
[54] **LIGANDS DE TIM-3 ET METHODES ASSOCIEES**

[72] KUCHROO, VIJAY K., US
[72] STROM, TERRY, US
[72] CHA, EUGENE K., US
[72] CHAKRAVARTI, SUMONE, US
[72] SABATOS, CATHERINE, US
[72] ZHU, CHEN, US
[72] ZHENG, XIN XIAO, US
[72] SANCHEZ-FUEGO, ALBERTO, ES
[73] BRIGHAM AND WOMEN'S HOSPITAL, US
[73] BETH ISRAEL DEACONESS MEDICAL CENTER, US

[85] 2006-03-31
[86] 2004-10-04 (PCT/US2004/032749)
[87] (WO2005/033144)
[30] US (60/508,319) 2003-10-03

[11] **2,541,314**
[13] C

[51] **Int.Cl. G01R 33/038 (2006.01)**

[25] EN
[54] **BIASED MAGNETIC FIELD STRENGTH INDICATION TOOL**
[54] **OUTIL POLARISE INDICATEUR D'INTENSITE DE CHAMP MAGNETIQUE**

[72] WILSON, STEPHEN F., US
[72] DEXTRADEUR, ALAN J., US
[73] CODMAN & SHURTLEFF, INC., US

[86] (2541314)
[87] (2541314)
[22] 2006-03-27
[30] US (11/097,498) 2005-04-01

[11] **2,542,201**
[13] C

[51] **Int.Cl. C10M 109/02 (2006.01) C10M 129/30 (2006.01)**

[25] EN
[54] **A METHOD OF IMPROVING THE STABILITY OR COMPATIBILITY OF A DETERGENT**
[54] **METHODE PERMETTANT D'ACCROITRE LA STABILITE OU LA COMPATIBILITE D'UN DETERGENT**

[72] DOWDING, PETER JOHN, GB
[72] ADAMS, CHRISTOPHER J., GB
[73] INFINEUM INTERNATIONAL LIMITED, GB

[86] (2542201)
[87] (2542201)
[22] 2006-04-06
[30] EP (05252141.6) 2005-04-06

[11] **2,543,226**
[13] C

[51] **Int.Cl. C22C 21/04 (2006.01) B32B 15/20 (2006.01) B64C 11/20 (2006.01) B64C 27/473 (2006.01) F01D 5/28 (2006.01)**

[25] FR
[54] **PROTECTIVE PART FOR THE LEADING EDGE OF A BLADE**
[54] **PIECE POUR PROTEGER LE BORD D'ATTAQUE D'UNE PALE**

[72] BERNARD, JACQUES, FR
[72] MONS, CLAUDE, FR
[72] PESLERBE, ISABELLE, FR
[72] THOMAS, THIERRY, FR
[73] SNECMA, FR

[86] (2543226)
[87] (2543226)
[22] 2006-04-13
[30] FR (05 03780) 2005-04-15

[11] **2,543,989**
[13] C

[51] **Int.Cl. G06F 9/44 (2006.01) H04W 24/00 (2009.01) G06F 17/00 (2006.01) H04L 29/02 (2006.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING SAFE AND EFFICIENT COMPONENT RELATIONSHIPS IN WIRELESS APPLICATIONS**
[54] **SYSTEME ET METHODE DE CREATION DE RELATIONS INTER-ELEMENTS EFFICACES DANS DES APPLICATIONS SANS FIL**

[72] BATEMAN, CAMERON, US
[72] GORING, BRYAN R., CA
[72] SHENFIELD, MICHAEL, CA
[73] BLACKBERRY LIMITED, CA

[86] (2543989)
[87] (2543989)
[22] 2006-04-18
[30] US (60/672,008) 2005-04-18

[11] **2,544,732**
[13] C

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[54] **SCULPTURED AND ETCHED TEXTILE HAVING SHADE CONTRAST CORRESPONDING TO SURFACE ETCHED REGIONS**
[54] **TEXTILE SCULPTE ET ATTAQUE, A CONTRASTE DE TEINTE CORRESPONDANT A DES REGIONS ATTAQUEES EN SURFACE**

[72] KIFF, MARK, US
[73] SAGE AUTOMOTIVE INTERIORS, INC., US

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[86] 2004-08-31 (PCT/US2004/028202)
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[30] US (10/706,807) 2003-11-12

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[13] C

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[25] EN

[54] **ROOFING GRANULES WITH IMPROVED SURFACE COATING COVERAGE AND FUNCTIONALITIES AND METHOD FOR PRODUCING SAME**

[54] **GRANULES POUR TOITURE AVEC REVETEMENT DE SURFACE AMELIORE, FONCTIONNALITES ET METHODE DE PRODUCTION**

[72] HONG, KEITH C., US
[72] SHIAO, MING LIANG, US
[73] CERTAINTED CORPORATION, US
[86] (2545903)
[87] (2545903)
[22] 2006-05-05
[30] US (60/678,404) 2005-05-06
[30] US (11/379,733) 2006-04-21

[11] **2,547,438**
[13] C

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[25] EN

[54] **WEB STABILIZATION ON A SLIP AND CUT APPLICATOR**

[54] **STABILISATION DU VOILE D'UN APPLICATEUR A GLISSEMENT ET COUPE**

[72] MEYER, THOMAS C., US
[73] CURT G. JOA, INC., US
[86] (2547438)
[87] (2547438)
[22] 2006-05-19
[30] US (11/141,633) 2005-05-31

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[13] C

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[54] **ASYMMETRIC PCR COUPLED WITH POST-PCR CHARACTERIZATION FOR THE IDENTIFICATION OF NUCLEIC ACIDS**

[54] **PCR ASYMETRIQUE COUPLE A UNE CARACTERISATION POST-PCR POUR L'IDENTIFICATION D'ACIDES NUCLEIQUES**

[72] NEWTON, NICOLAS, US
[72] WILL, STEPHEN GORDON, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2549754)
[87] (2549754)
[22] 2006-06-27
[30] US (60/696,293) 2005-06-30
[30] US (60/695,991) 2005-06-30
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[54] **PROCEDE DE DESAERATION**

[72] SCHAAP, ALBERT, NL
[72] VERKOEIJEN, DANIEL, NL
[73] DSM IP ASSETS B.V., NL
[85] 2006-06-27
[86] 2004-12-28 (PCT/EP2004/014884)
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[13] C

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[25] EN

[54] **METHOD AND APPARATUS FOR IDENTIFICATION OF BROADCAST SOURCE**

[54] **METHODE ET DISPOSITIF SERVANT A IDENTIFIER LA SOURCE D'UNE DIFFUSION**

[72] WANG, AVERY LI-CHUN, US
[73] SHAZAM INVESTMENTS LIMITED, GB
[85] 2006-08-17
[86] 2005-02-18 (PCT/US2005/005254)
[87] (WO2005/079499)
[30] US (60/545,879) 2004-02-19

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[25] EN

[54] **PEPTIDE ANALOGUES OF GIP FOR TREATMENT OF DIABETES, INSULIN RESISTANCE AND OBESITY**

[54] **ANALOGUES PEPTIDIQUES DE GIP DESTINES AU TRAITEMENT DE DIABETES, DE LA RESISTANCE A L'INSULINE ET DE L'OBESITE**

[72] GAULT, VICTOR A., GB
[72] O'HARTE, FINBARR PAUL MARY, GB
[72] FLATT, PETER RAYMOND, GB
[72] IRWIN, NIGEL, GB
[73] UNIVERSITY OF ULSTER, GB
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[30] GB (0404124.0) 2004-02-25

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[54] **METHOD AND APPARATUS FOR OPTICAL DETECTION OF MIXED VENOUS AND ARTERIAL BLOOD PULSATION IN TISSUE**
[54] **PROCEDE ET APPAREIL DE DETECTION OPTIQUE D'UNE PULSATION DU SANG MIXTE VEINEUSE ET ARTERIELLE DANS UN TISSU**
[72] BAKER, CLARK R., JR., US
[73] COVIDIEN LP, US
[85] 2006-08-24
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[87] (WO2005/087096)
[30] US (10/796,584) 2004-03-08

[11] **2,562,429**
[13] C

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[25] EN
[54] **SCRATCH RESISTANT PROPYLENE POLYMER COMPOSITION**
[54] **COMPOSITION POLYMERE DE PROPYLENE RESISTANT AUX EGRATIGNURES**
[72] VAN RIEL, NORWIN, NL
[72] VAN POUCKE, JEROEN, BE
[73] STYRON EUROPE GMBH, CH
[85] 2006-10-10
[86] 2005-04-05 (PCT/US2005/011825)
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[11] **2,563,103**
[13] C

[51] **Int.Cl. A61K 38/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **ENHANCER OF ANTICANCER ACTIVITY IN VIRAL THERAPY AND METHOD OF PREVENTING OR TREATING CANCER**
[54] **AMPLIFICATEUR DE L'ACTIVITE ANTICANCEREUSE D'UNE THERAPIE VIRALE ET PROCEDE DE PREVENTION OU DE TRAITEMENT D'UN CANCER**
[72] TODO, TOMOKI, JP
[73] TODO, TOMOKI, JP
[85] 2006-09-29
[86] 2005-03-31 (PCT/JP2005/006398)
[87] (WO2005/094867)
[30] JP (2004-105487) 2004-03-31

[11] **2,565,535**
[13] C

[51] **Int.Cl. H04L 12/00 (2006.01) H04L 12/807 (2013.01)**
[25] EN
[54] **PROCESSING OF DATA IN NETWORKS**
[54] **TRAITEMENT DE DONNEES DANS DES RESEAUX**
[72] BRISCOE, ROBERT JOHN, GB
[72] SOPPERA, ANDREA, GB
[72] JACQUET, ARNAUD, GB
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2006-11-02
[86] 2005-05-09 (PCT/GB2005/001737)
[87] (WO2005/109783)
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[13] C

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[25] EN
[54] **MICROFLUIDIC DEVICE AND LEUCOCYTE ANTIGEN MEDIATED MICROFLUIDIC ASSAY**
[54] **DISPOSITIF MICROFLUIDIQUE ET DOSAGE MICROFLUIDIQUE UTILISANT DES ANTIGENES LEUCOCYTAIRES**
[72] RODRIGUEZ, RUDOLFO R., US
[72] DARR, DOUGLAS J., US
[73] ADVANCED ANIMAL DIAGNOSTICS, US
[85] 2006-11-07
[86] 2005-05-13 (PCT/US2005/016974)
[87] (WO2006/085897)
[30] US (60/570,543) 2004-05-13

[11] **2,567,111**
[13] C

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[25] EN
[54] **METHODS AND AGENTS FOR SCREENING FOR COMPOUNDS CAPABLE OF MODULATING VEGF EXPRESSION**
[54] **PROCEDES ET AGENTS DE BALAYAGE DE COMPOSES CAPABLES DE MODULER L'EXPRESSION DE VEGF**
[72] CAO, LIANGXIAN, US
[72] TROTTA, CHRISTOPHER ROBERT, US
[73] PTC THERAPEUTICS, INC., US
[85] 2006-11-17
[86] 2004-06-28 (PCT/US2004/020751)
[87] (WO2005/118857)
[30] US (10/851,074) 2004-05-24

[11] **2,568,407**
[13] C

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[25] EN
[54] **SENSOR DIAGNOSTICS USING EMBEDDED MODEL QUALITY PARAMETERS**
[54] **DIAGNOSTICS PAR CAPTEUR FAISANT APPEL A DES PARAMETRES QUALITATIFS DE MODELE INTEGRE**
[72] WISEMAN, MATTHEW WILLIAM, US
[72] ASHBY, MALCOLM JOHN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2568407)
[87] (2568407)
[22] 2006-11-16
[30] US (11/283,120) 2005-11-18

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[13] C

[51] **Int.Cl. B60R 19/02 (2006.01) B60R 19/24 (2006.01) B62D 21/00 (2006.01)**
[25] EN
[54] **SINGLE COMPONENT AUTOMOTIVE BUMPER AND LOWER FRAME RAIL**
[54] **PARE-CHOC MONOBLOC DE VEHICULE AUTOMOBILE ET LONGERON INFERIEUR DE CADRE DE CHASSIS**
[72] CALISKAN, ARI GARO, US
[72] GERICKE, DEAN, US
[73] FORD GLOBAL TECHNOLOGIES, LLC, US
[73] VARI-FORM, INC., US
[86] (2569995)
[87] (2569995)
[22] 2006-12-04

[11] **2,570,901**
[13] C

[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING MACHINE USER INTERFACE**
[54] **INTERFACE UTILISATEUR POUR MACHINES DE JEU**
[72] PARROTT, GREG, US
[72] NGUYEN, BINH T., US
[72] PAULSEN, CRAIG A., US
[72] HUA, DUNG K., US
[73] IGT, US
[85] 2006-12-13
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[87] (WO2006/009917)
[30] US (10/871,068) 2004-06-18

[11] **2,571,334**
[13] C

[51] **Int.Cl. B25C 5/15 (2006.01) B25C 5/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC STAPLER WITH A MANUALLY ADJUSTABLE DEPTH ADJUSTER**
[54] **AGRAFEUSE ELECTROMAGNETIQUE AVEC REGLEUR MANUEL DE PROFONDEUR**
[72] ST-JOHN, ROBERT, US
[72] PELLETIER, THOMAS, US
[72] FONG, SCOTT, AU
[73] THE STANLEY WORKS, US
[86] (2571334)
[87] (2571334)
[22] 2006-12-18
[30] US (11/389,296) 2006-03-27

[11] **2,570,859**
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING A NEW EVENT DIRECTLY FROM A DOCUMENT**
[54] **METHODE ET DISPOSITIF DE PRODUCTION D'UN NOUVEL EVENEMENT A PARTIR D'UN DOCUMENT**
[72] VANDEN HEUVEL, DAVID, CA
[72] MAY, DARRELL REGINALD, CA
[72] HARDY, MICHAEL THOMAS, CA
[72] LUU, LAP, CA
[73] BLACKBERRY LIMITED, CA
[86] (2570859)
[87] (2570859)
[22] 2006-12-08
[30] EP (05112129.1) 2005-12-14

[11] **2,571,189**
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 27/00 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MASS ANALYSIS OF SAMPLES**
[54] **PROCEDE ET APPAREIL D'ANALYSE DE MASSE D'ECHANTILLONS**
[72] WENDELBO, RUNE, NO
[72] AKPORIAYE, DUNCAN EYEWUMI, NO
[72] KARLSSON, ARNE, NO
[72] JOHANSEN, IB-RUNE, NO
[72] DAHL, IVAR MARTIN, NO
[72] FISMEN, BRITTA GRENNBERG, NO
[72] BLOM, RICHARD, NO
[72] WANG, DAG THORSTEIN, NO
[72] GULLIKSEN, MORTEN, NO
[72] PLASSEN, MARTIN, NO
[73] UOP LLC, US
[85] 2006-12-19
[86] 2005-06-30 (PCT/US2005/023757)
[87] (WO2006/007593)
[30] US (10/883,594) 2004-07-01

[11] **2,572,041**
[13] C

[51] **Int.Cl. C10M 169/04 (2006.01)**
[25] EN
[54] **A METHOD OF IMPROVING THE ACRYLIC RUBBER SEALANT COMPATIBILITY WITH A LUBRICATING OIL COMPOSITION IN AN INTERNAL COMBUSTION ENGINE IN COMPARISON TO A CONVENTIONALLY USED LUBRICATING OIL COMPOSITION**
[54] **UNE METHODE EN VUE D'AMELIORER LA COMPATIBILITE D'UN JOINT EN CAOUTCHOUCACRYLIQUE ET D'UNE COMPOSITION D'HUILE LUBRIFIANTE DANS UN MOTEUR A COMBUSTION INTERNE PAR RAPPORT A UNE COMPOSITION D'HUILE LUBRIFIANTE UTILISEE HABITUELLEMENT**
[72] TAKEUCHI, YOSHITAKA, JP
[72] YAMASHITA, YOSHITO, JP
[72] NAKAZATO, MORIKUNI, JP
[73] CHEVRON JAPAN LTD., JP
[86] (2572041)
[87] (2572041)
[22] 2006-12-22
[30] JP (2005-375974) 2005-12-27

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[13] C

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[25] EN
[54] **BIOLOGICALLY ACTIVE BLOCK COPOLYMERS**
[54] **COPOLYMERES AVEC BLOCS BIO-ACTIFS**
[72] ZHAO, JONATHON Z., US
[73] CORDIS CORPORATION, US
[86] (2572257)
[87] (2572257)
[22] 2006-12-29
[30] US (11/323,760) 2005-12-30

[11] **2,572,262**
[13] C

[51] **Int.Cl. C08G 81/02 (2006.01) A61L 27/34 (2006.01) A61L 27/54 (2006.01) C09D 151/08 (2006.01) C09D 153/00 (2006.01) C08B 37/10 (2006.01) C08F 20/10 (2006.01) C08G 65/08 (2006.01)**

[25] EN
[54] **A TRI-BRANCHED BIOLOGICALLY ACTIVE COPOLYMER**
[54] **COPOLYMERE BIOACTIF TRIDIRECTIONNEL**
[72] ZHAO, JONATHON Z., US
[73] CORDIS CORPORATION, US
[86] (2572262)
[87] (2572262)
[22] 2006-12-29
[30] US (11/323,274) 2005-12-30

[11] **2,574,767**
[13] C

[51] **Int.Cl. A61K 31/74 (2006.01) A61K 31/77 (2006.01)**

[25] EN
[54] **PARTICULATE CONSTRUCTS FOR RELEASE OF ACTIVE AGENTS**
[54] **PRODUITS DE SYNTHESE PARTICULAIRES DESTINES A LA LIBERATION D'AGENTS ACTIFS**
[72] MAYER, LAWRENCE D., CA
[72] PRUD'HOMME, ROBERT K., US
[72] ALLEN, CHRISTINE J., CA
[72] SAAD, WALID S., US
[73] CELATOR PHARMACEUTICALS, INC., US
[73] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 2007-01-19
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[30] US (60/589,164) 2004-07-19

[11] **2,575,564**
[13] C

[51] **Int.Cl. H01S 3/09 (2006.01) A61B 18/20 (2006.01) H01S 3/092 (2006.01) H01S 3/10 (2006.01)**

[25] EN
[54] **DUAL PULSE-WIDTH MEDICAL LASER WITH PRESETS**
[54] **LASER MEDICAL A DUREE D'IMPULSIONS DOUBLE A PREREGLAGES**
[72] BOUTOUSSOV, DMITRI, US
[73] BIOLASE, INC., US
[85] 2007-01-30
[86] 2005-08-12 (PCT/US2005/028891)
[87] (WO2006/020946)
[30] US (60/601,415) 2004-08-13

[11] **2,576,963**
[13] C

[51] **Int.Cl. C07K 1/22 (2006.01) C07K 14/75 (2006.01) C07K 14/755 (2006.01) C07K 14/765 (2006.01) C07K 14/775 (2006.01) C07K 14/81 (2006.01) C07K 17/00 (2006.01) C12N 9/16 (2006.01) C12N 9/64 (2006.01)**

[25] EN
[54] **SEQUENTIAL PROTEIN ISOLATION AND PURIFICATION SCHEMES BY AFFINITY CHROMATOGRAPHY**
[54] **MECANISMES D'ISOLEMENT ET DE PURIFICATION SEQUENTIELS DE PROTEINES PAR CHROMATOGRAPHIE D'AFFINITE**
[72] BURTON, STEVEN JAMES, GB
[72] BAINES, BALDEV, GB
[72] CURLING, JOHN, SE
[72] HAYES, TIMOTHY KEITH, US
[72] CHEN, DWUN-HOU, US
[72] BRYANT, CHRISTOPHER, US
[72] HAMMOND, DAVID JOHN, US
[73] PROMETIC BIOSCIENCES, LTD., GB
[73] AMERICAN NATIONAL RED CROSS, US
[85] 2007-02-12
[86] 2005-08-19 (PCT/US2005/029739)
[87] (WO2006/023831)
[30] US (60/602,868) 2004-08-20

[11] **2,578,784**
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/498 (2006.01) A61K 47/32 (2006.01)**

[25] EN
[54] **COMPOSITIONS CONTAINING ALPHA-2-ADRENERGIC AGONIST COMPONENTS**
[54] **COMPOSITIONS CONTENANT DES COMPOSANTS AGONISTES ALPHA-2-ADRENERGIQUES**
[72] GRAHAM, RICHARD, US
[72] BAKHIT, PETER, US
[72] OLEJNIK, OREST, US
[73] ALLERGAN, INC., US
[85] 2007-02-27
[86] 2005-08-17 (PCT/US2005/029707)
[87] (WO2006/026215)
[30] US (10/928,906) 2004-08-27

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[13] C

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[25] EN
[54] **METHOD FOR MANAGING MEANS FOR ACCESSING CONDITIONAL ACCESS DATA**
[54] **PROCEDE DE GESTION DE MOYENS D'ACCES A DES DONNEES A ACCES CONDITIONNEL**
[72] DUVAL, GREGORY, CH
[73] NAGRAVISION S.A., CH
[85] 2007-03-06
[86] 2005-09-15 (PCT/EP2005/054586)
[87] (WO2006/030021)
[30] EP (04104509.7) 2004-09-17

[11] **2,580,915**
[13] C

[51] **Int.Cl. A61B 17/12 (2006.01) A61B 5/03 (2006.01) A61B 5/06 (2006.01) A61M 5/42 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING IMPLANTED DEVICE POSITIONING AND OBTAINING PRESSURE DATA**
[54] **SYSTEME ET METHODE PERMETTANT DE DETERMINER LE POSITIONNEMENT D'UN DISPOSITIF IMPLANTE ET D'OBTENIR DES DONNEES DE PRESSION**
[72] HASSLER, WILLIAM L., JR., US
[72] HOLSCHER, RUSSELL L., US
[72] WEANER, LAUREN S., US
[72] DLUGOS, DANIEL F., US
[72] FERRERI, ANNIE L., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2580915)
[87] (2580915)
[22] 2007-03-06
[30] US (11/369,682) 2006-03-07

[11] **2,582,990**
[13] C

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/285 (2006.01) A61B 17/32 (2006.01) A61B 5/01 (2006.01) A61B 5/053 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'INTERVENTIONS CHIRURGICALES A ULTRASONS**
[72] HOUSER, KEVIN L., US
[72] DONOFRIO, WILLIAM T., US
[72] STULEN, FOSTER B., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2582990)
[87] (2582990)
[22] 2007-03-29
[30] US (11/392,040) 2006-03-29

[11] **2,583,061**
[13] C

[51] **Int.Cl. A61K 39/00 (2006.01) A23C 9/152 (2006.01) A23C 9/158 (2006.01) A23L 1/305 (2006.01) A61K 39/104 (2006.01) A61P 31/04 (2006.01) C07K 16/04 (2006.01)**
[25] EN
[54] **ANTIBODY PRODUCTION METHOD**
[54] **METHODE DE PRODUCTION D'ANTICORPS**
[72] TAY, KWANG GUAN, AU
[72] PENHALE, WILLIAM JOHN, AU
[72] GEERLINGS, PETER MICHAEL, AU
[73] AGRI-BIOTECH PTY LTD, AU
[85] 2007-04-02
[86] 2005-10-06 (PCT/AU2005/001540)
[87] (WO2006/037182)
[30] AU (2004905762) 2004-10-06

[11] **2,583,654**
[13] C

[51] **Int.Cl. H04B 1/30 (2006.01)**
[25] EN
[54] **A RECEIVER ARCHITECTURE WITH DIGITALLY GENERATED INTERMEDIATE FREQUENCY**
[54] **ARCHITECTURE DE RECEPTEUR A FREQUENCE INTERMEDIAIRE GENEREE NUMERIQUEMENT**
[72] SEENDRIPU, KISHORE, US
[72] MONTEMAYOR, RAYMOND, US
[72] YE, SHENG, US
[72] CHANG, GLENN, US
[72] LING, CURTIS, US
[73] MAXLINEAR, INC., US
[85] 2007-04-02
[86] 2005-10-12 (PCT/US2005/036513)
[87] (WO2006/044372)
[30] US (60/618,240) 2004-10-12

[11] **2,584,631**
[13] C

[51] **Int.Cl. G01R 1/00 (2006.01)**
[25] EN
[54] **POWER SUPPLY AND COMMUNICATIONS CONTROLLER**
[54] **CONTROLEUR D'ALIMENTATION ET DE COMMUNICATION**
[72] ENGELHARDT, JOHN, US
[72] FISH, LARRY, US
[73] UNDERGROUND SYSTEMS, INC., US
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[86] 2005-10-21 (PCT/US2005/038120)
[87] (WO2006/047384)
[30] US (60/621,098) 2004-10-22

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[11] **2,585,244**
[13] C

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[25] EN
[54] **IDENTIFICATION MARKER RESPONSIVE TO INTERFERON THERAPY FOR RENAL CELL CANCER**
[54] **MARQUEUR D'IDENTIFICATION SENSIBLE A LA THERAPIE AUX INTERFERONS DANS LE TRAITEMENT DE CANCERS DES CELLULES RENALES**
[72] SEKI, TOYOKAZU, JP
[72] SHIRATSUCHI, TAKAYUKI, JP
[72] OGAWA, OSAMU, JP
[72] NAITO, SEIJI, JP
[72] TSUKAMOTO, TAIJI, JP
[72] TOMA, HIROSHI, JP
[72] HIRAO, YOSHIHIKO, JP
[72] KAGAWA, SUSUMU, JP
[72] NOSE, YOSHIAKI, JP
[72] NAKAMURA, TSUYOSHI, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2007-04-24
[86] 2005-10-24 (PCT/JP2005/019491)
[87] (WO2006/046505)
[30] JP (2004-314160) 2004-10-28

[11] **2,586,081**
[13] C

[51] **Int.Cl. C12N 15/63 (2006.01) A61K 38/00 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **USE OF A BACTERIAL VECTOR COMPRISING A SACCHARIDE INDUCIBLE PROMOTER AS AN EXPRESSION SYSTEM**
[54] **UTILISATION D'UN VECTEUR BACTERIEN COMPRENANT UN PROMOTEUR INDUCTIBLE PAR DES SACCHARIDES EN TANT QUE SYSTEME D'EXPRESSION**
[72] LOESSNER, HOLGER, DE
[72] ENDMANN, ANNE, DE
[72] LESCHNER, SARA, DE
[72] WEISS, SIEGFRIED, DE
[73] HELMHOLTZ-ZENTRUM FUER INFektionsFORSCHUNG GMBH, DE
[85] 2007-04-25
[86] 2005-09-02 (PCT/EP2005/054343)
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[30] EP (04105564.1) 2004-11-05

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[13] C

[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **KNEE BRACE HAVING AN ADAPTABLE THIGH PAD**
[54] **ATTELLE DE GENOU MUNIE D'UN PROTEGE-CUISSE ADAPTATIF**
[72] GILMOUR, ROBERT, US
[73] VISION QUEST INDUSTRIES INCORPORATED, DOING BUSINESS AS VQ ORTHOCARE, US
[85] 2007-05-02
[86] 2005-11-04 (PCT/US2005/040043)
[87] (WO2006/052761)
[30] US (10/981,851) 2004-11-05

[11] **2,586,759**
[13] C

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[25] EN
[54] **FLEXIBLE FURNITURE SYSTEM**
[54] **SYSTEME D'AMEUBLEMENT FLEXIBLE**
[72] MACALLEN, TODD P., CA
[72] FORSYTHE, STEPHANIE J., CA
[73] MOLO DESIGN, LTD., CA
[86] (2586759)
[87] (2586759)
[22] 2007-05-01

[11] **2,588,497**
[13] C

[51] **Int.Cl. F03D 11/04 (2006.01) E02D 27/52 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WIND POWER FOUNDATION**
[54] **METHODE ET EQUIPEMENT APPLICABLES AUX FONDATIONS D'UN PARC EOLIEN**
[72] KOTHNUR, VASANTH SRINIVASA, US
[72] ANDERSON, DAVID DELOYD, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2588497)
[87] (2588497)
[22] 2007-05-10
[30] US (11/438,792) 2006-05-22

[11] **2,589,753**
[13] C

[51] **Int.Cl. D03D 15/08 (2006.01) A41D 31/00 (2006.01)**
[25] EN
[54] **STRETCHABLE FABRICS COMPRISING ELASTICS INCORPORATED INTO NYCO FOR USE IN COMBAT UNIFORMS**
[54] **TISSUS EXTENSIBLES CONTENANT DES ELASTIQUES INCORPORES DANS UN TISSU NYCO ET DESTINES A ETRE UTILISES DANS DES UNIFORMES DE COMBAT**
[72] KONG, XIANGMING, US
[72] BIRK, SHARON W., US
[72] FRANKEL, KEVIN A., US
[73] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2007-05-31
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[87] (WO2006/088538)
[30] US (60/635,394) 2004-12-10

[11] **2,590,146**
[13] C

[51] **Int.Cl. H01B 17/44 (2006.01) H01B 17/56 (2006.01)**
[25] EN
[54] **FLASHOVER PROTECTION DEVICE AND METHOD: WET/DRY GLOW-BASED STREAMER INHIBITOR**
[54] **DISPOSITIF ET METHODE DE PROTECTION PAR CONTOURNEMENT FAISANT APPEL A UN LIMITEUR DE DECHARGES IRREGULIERES BASE SUR UNE LUEUR HUMIDE OU SECHE**
[72] RIZK, FAROUK A.M., CA
[72] RIZK, AMR, CA
[73] RIZK, FAROUK A.M., CA
[73] RIZK, AMR, CA
[86] (2590146)
[87] (2590146)
[22] 2007-05-25
[30] US (60/808,573) 2006-05-26

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[13] C

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[25] EN
[54] **AUTOMATIC SWIMMING POOL CLEANERS AND COMPONENTS THEREOF**
[54] **DISPOSITIFS DE NETTOYAGE AUTOMATIQUE DE PISCINE ET LEURS COMPOSANTS**
[72] VAN DER MEIJDEN, HENDRIKUS JOHANNES, ZA
[72] MOORE, MICHAEL EDWARD, ZA
[72] HARRISON, PETER HUGH, ZA
[72] WADMAN, ALEXIS ADRIAN FELIPE, NL
[72] BAUCKMAN, MARK J., US
[73] ZODIAC POOL SYSTEMS, INC., US
[85] 2007-01-30
[86] 2005-08-11 (PCT/US2005/028683)
[87] (WO2006/020835)
[30] US (10/917,587) 2004-08-13

[11] **2,590,879**

[13] C

- [51] **Int.Cl. B25F 5/02 (2006.01) B25F 5/00 (2006.01)**
[25] EN
[54] **STRUCTURAL SUPPORT FOR POWER TOOL HOUSINGS**
[54] **SUPPORT STRUCTURAL POUR BÂTIS A OUTILS ELECTRIQUES**
[72] KOKINELIS, CHRISTOPHER ANTHONY, US
[72] SEITH, WARREN ANDREW, US
[73] INGERSOLL-RAND COMPANY, US
[86] (2590879)
[87] (2590879)
[22] 2007-05-30
[30] US (60/809,954) 2006-05-31

[11] **2,591,205**

[13] C

- [51] **Int.Cl. H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **COLOR MANAGEMENT METHODS AND APPARATUS FOR LIGHTING DEVICES**
[54] **PROCEDES DE GESTION DES COULEURS ET APPAREIL D'ECLAIRAGE**
[72] DOWLING, KEVIN J., US
[73] PHILIPS SOLID-STATE LIGHTING SOLUTIONS, INC., US
[85] 2007-06-19
[86] 2005-12-20 (PCT/US2005/046085)
[87] (WO2006/071628)
[30] US (60/637,554) 2004-12-20
[30] US (60/716,111) 2005-09-12

[11] **2,591,331**

[13] C

- [51] **Int.Cl. G05B 11/01 (2006.01) G05B 19/18 (2006.01)**
[25] EN
[54] **CONTROLLER FOR BRIDGING A HOST COMPUTER AND NETWORKED LAUNDRY MACHINES**
[54] **APPAREIL DE COMMANDE POUR LE PONTAGE D'UN ORDINATEUR HOTE ET D'UN RESEAU DE MACHINES DE LAVERIE**
[72] SCHROEDER, PAUL DONALD, US
[72] QUANDT, WILLIAM JOSEPH, US
[73] ALLIANCE LAUNDRY SYSTEMS LLC, US
[85] 2007-06-04
[86] 2005-12-05 (PCT/US2005/044145)
[87] (WO2006/062986)
[30] US (11/006,081) 2004-12-07

[11] **2,592,025**

[13] C

- [51] **Int.Cl. A23K 1/17 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING KIDNEY FUNCTION**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LA FONCTION RENALE**
[72] JEWELL, DENNIS EDWARD, US
[73] HILL'S PET NUTRITION, INC., US
[85] 2007-06-26
[86] 2005-12-29 (PCT/US2005/047301)
[87] (WO2006/071952)
[30] US (11/024,541) 2004-12-29

[11] **2,592,509**

[13] C

- [51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/505 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 403/12 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 473/34 (2006.01)**
[25] EN
[54] **BENZAZOLE ANALOGUES AND USES THEREOF**
[54] **ANALOGUES DU BENZAZOLE ET LEURS UTILISATIONS**
[72] HERZ, THOMAS, DE
[72] KRAUSS, ROLF, DE
[72] KUBBUTAT, MICHAEL, DE
[72] LANG, MARTIN, DE
[72] SCHAECHTELE, CHRISTOPH, DE
[72] TASLER, STEFAN, DE
[72] TOTZKE, FRANK, DE
[73] 4SC AG, DE
[85] 2007-06-27
[86] 2005-12-22 (PCT/EP2005/013922)
[87] (WO2006/069740)
[30] EP (04030819.9) 2004-12-27

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[13] C

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[25] EN

[54] **SESAMIN/EPISESAMIN COMPOSITIONS WITH IMPROVED BIOAVAILABILITY**

[54] **COMPOSITIONS DE SESAMINE/EPISESAMINE DONT LA BIODISPONIBILITE EST AMELIOREE**

[72] ONO, YOSHIKO, JP

[72] TOMIMORI, NAMINO, JP

[72] TOKUDA, SAKI, JP

[72] ROGI, TOMOHIRO, JP

[73] SUNTORY HOLDINGS LIMITED, JP

[85] 2007-06-28

[86] 2005-12-28 (PCT/JP2005/024028)

[87] (WO2006/070856)

[30] JP (2004-381726) 2004-12-28

[30] JP (2004-381806) 2004-12-28

[11] **2,592,926**
[13] C

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01) B01D 61/42 (2006.01) B01D 61/46 (2006.01)**

[25] EN

[54] **METHOD FOR SOUR GAS TREATMENT**

[54] **METHODE POUR LE TRAITEMENT DE SULFURE D'HYDROGENE**

[72] MORTSON, MURRAY EDWARD ARNE, CA

[73] ARISTOS ENERGY INC., CA

[86] (2592926)

[87] (2592926)

[22] 2007-07-03

[11] **2,593,895**
[13] C

[51] **Int.Cl. B64D 13/08 (2006.01) F24F 3/00 (2006.01) F24F 11/00 (2006.01) F25B 49/02 (2006.01)**

[25] EN

[54] **AIRCRAFT AIR CONDITIONING SYSTEM AND METHOD OF OPERATING AN AIRCRAFT AIR CONDITIONING SYSTEM**

[54] **SYSTEME DE CONDITIONNEMENT D'AIR D'AERONEF ET METHODE D'EXPLOITATION**

[72] VOEGEL, FRANZ MARTIN, DE

[73] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE

[86] (2593895)

[87] (2593895)

[22] 2007-07-16

[30] DE (10 2006 032 979.1) 2006-07-17

[11] **2,594,062**
[13] C

[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/18 (2006.01)**

[25] EN

[54] **OIL STRAINER FOR A GAS TURBINE ENGINE**

[54] **CREPINE A HUILE POUR TURBINE A GAZ**

[72] DUROCHER, ERIC, CA

[72] LEFEBVRE, GUY, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[86] (2594062)

[87] (2594062)

[22] 2007-07-19

[30] US (11/466,162) 2006-08-22

[11] **2,594,448**
[13] C

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 19/02 (2006.01)**

[25] EN

[54] **PNEUMATICALLY POWERED SURGICAL CUTTING AND FASTENING INSTRUMENT WITH REPLACEABLE POWER SOURCES**

[54] **INSTRUMENT CHIRURGICAL PNEUMATIQUE POUR FIXATION ET COUPE AVEC SOURCES D'ENERGIE REMPLACABLES**

[72] SHELTON, FREDERICK E., IV, US

[72] MORGAN, JEROME R., US

[72] TIMPERMAN, EUGENE L., US

[72] FUGIKAWA, LESLIE M., US

[73] ETHICON ENDO-SURGERY, INC., US

[86] (2594448)

[87] (2594448)

[22] 2007-07-24

[30] US (11/497,831) 2006-08-02

[11] **2,595,079**
[13] C

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 19/02 (2006.01)**

[25] EN

[54] **SURGICAL CUTTING AND FASTENING INSTRUMENT WITH DISTALLY MOUNTED PNEUMATICALLY POWERED ROTARY DRIVE MEMBER**

[54] **INSTRUMENT CHIRURGICAL PNEUMATIQUE POUR FIXATION ET COUPE AVEC UN ELEMENT D'ENTRAINEMENT ROTATIF PNEUMATIQUE A MONTAGE DISTAL**

[72] SHELTON, FREDERICK E., IV, US

[72] MORGAN, JEROME R., US

[72] TIMPERMAN, EUGENE L., US

[72] FUGIKAWA, LESLIE M., US

[73] ETHICON ENDO-SURGERY, INC., US

[86] (2595079)

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[22] 2007-07-27

[30] US (11/497,760) 2006-08-02

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[11] **2,595,274**
[13] C

[51] **Int.Cl. A01N 43/40 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **USE OF MALONOMICIN AND ANALOGS IN FUNGICIDAL APPLICATIONS**
[54] **UTILISATION DE LA MALONOMICINE ET D'ANALOGUES DANS DES APPLICATIONS FONGICIDES**
[72] WERK, TODD LOWELL, US
[72] SNIPES, CARL EVAN, US
[72] GRAUPNER, PAUL RICHARD, US
[72] PEACOCK, CATHY LYNN, US
[72] CHAPIN, ELEANOR LOUGEE, US
[72] BREWSTER, WILLIAM KIRKLAND, US
[72] GREEN, FREDERICK RICHARD, III, US
[73] DOW AGROSCIENCES LLC, US
[85] 2007-07-18
[86] 2006-01-20 (PCT/US2006/002089)
[87] (WO2006/078939)
[30] US (60/645,863) 2005-01-21

[11] **2,595,901**
[13] C

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[25] EN
[54] **AXMI-018, AXMI-020, AND AXMI-021, A FAMILY OF DELTA-ENDOTOXIN GENES AND METHODS FOR THEIR USE**
[54] **AXMI-018, AXMI-020, ET AXMI-021, FAMILLE DE GENES DE DELTA-ENDOTOXINE ET LEURS METHODES D'UTILISATION**
[72] CAROZZI, NADINE, US
[72] HARGISS, TRACY, US
[72] KOZIEL, MICHAEL G., US
[72] DUCK, NICHOLAS B., US
[73] ATHENIX CORPORATION, US
[85] 2007-07-25
[86] 2006-01-31 (PCT/US2006/003434)
[87] (WO2006/083891)
[30] US (60/648,578) 2005-01-31

[11] **2,596,020**
[13] C

[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/06 (2006.01) A47J 31/40 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A BEVERAGE SUITABLE FOR CONSUMPTION FROM AT LEAST TWO INGREDIENTS TO BE DISSOLVED AND/OR EXTRACTED AND AN AMOUNT OF LIQUID**
[54] **PROCEDE POUR PREPARER UNE BOISSON DESTINEE A LA CONSOMMATION A PARTIR DE DEUX INGREDIENTS A DISSOUDRE ET/OU A EXTRAIRE ET D'UNE QUANTITE DE LIQUIDE**
[72] STEENHOF, VINCENT JAN, NL
[72] KNITEL, JOSEPH THEODOOR, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2007-07-26
[86] 2006-01-26 (PCT/NL2006/000046)
[87] (WO2006/080844)
[30] NL (1028134) 2005-01-27

[11] **2,596,561**
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING A DECISION ON A CARD**
[54] **METHODE ET DISPOSITIFS D'EXECUTION D'UNE DECISION SUR UNE CARTE**
[72] DAVIS, MICHAEL L., US
[72] WAMSLEY, ROBERT, US
[72] HULUSI, TAM, US
[73] ASSA ABLOY AB, SE
[86] (2596561)
[87] (2596561)
[22] 2007-08-08
[30] US (11/778,145) 2007-07-16
[30] US (60/821,897) 2006-08-09

[11] **2,598,302**
[13] C

[51] **Int.Cl. B62D 13/00 (2006.01) A01B 69/00 (2006.01) A01D 90/10 (2006.01)**
[25] EN
[54] **OSCILLATING TANDEM STEERING SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE DIRECTION EN TANDEM OSCILLANT POUR INSTRUMENT ARATOIRE**
[72] VAN MILL, MICHAEL D., US
[72] SCHLIMGEN, RON, US
[72] WALVATNE, JOHN, US
[73] UNVERFERTH MANUFACTURING COMPANY, INC., US
[86] (2598302)
[87] (2598302)
[22] 2007-08-22
[30] US (60/839,425) 2006-08-23

[11] **2,598,303**
[13] C

[51] **Int.Cl. F16L 47/03 (2006.01) B29C 65/02 (2006.01)**
[25] EN
[54] **METHOD FOR JOINING MULTI-LAYERED PIPE**
[54] **PROCEDE POUR ASSEMBLER UN TUYAU MULTICOUCHE**
[72] ROBERTS-MOORE, PAUL CLIVE, GB
[72] BULL, MICHAEL, GB
[72] LILLEY, GRAHAM (DECEASED), PL
[73] GLYNWED PIPE SYSTEMS LTD, GB
[85] 2007-08-16
[86] 2006-02-24 (PCT/GB2006/000642)
[87] (WO2006/090157)
[30] GB (PCT/GB2005/000682) 2005-02-25

[11] **2,598,379**
[13] C

[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F16C 33/10 (2006.01) F16C 33/66 (2006.01)**
[25] EN
[54] **OIL BEARING AND TUBE ASSEMBLY CONCEPT**
[54] **CONCEPT DE SUPPORT A HUILE ET DE TUYAUTERIE**
[72] LEFEBVRE, GUY, CA
[72] DUROCHER, ERIC, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2598379)
[87] (2598379)
[22] 2007-08-23
[30] US (11/509,587) 2006-08-25

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[11] **2,599,171**
[13] C

[51] **Int.Cl. A61F 13/64 (2006.01)**
[25] EN
[54] **BETTER FIT TO THE BOTTOM
AREA OF A DISPOSABLE
PRODUCT**
[54] **AJUSTEMENT AMELIORE A LA
PARTIE INFERIEURE D'UN
PRODUIT JETABLE**
[72] REYES, LOIDA GUZMAN, US
[73] TYCO HEALTHCARE RETAIL
SERVICES AG, CH
[86] (2599171)
[87] (2599171)
[22] 2007-08-28
[30] US (11/528,068) 2006-09-27

[11] **2,600,194**
[13] C

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/02
(2006.01) F01D 5/20 (2006.01)**
[25] EN
[54] **HP TURBINE BLADE AIRFOIL
PROFILE**
[54] **PROFIL AERODYNAMIQUE
D'AUBE MOBILE DE TURBINE
HAUTE PRESSION**
[72] SREEKANTH, SRI, CA
[72] VLASIC, EDWARD, CA
[72] GIRGIS, SAMI, CA
[73] PRATT & WHITNEY CANADA
CORP., CA
[86] (2600194)
[87] (2600194)
[22] 2007-09-05
[30] US (11/516,599) 2006-09-07

[11] **2,601,063**
[13] C

[51] **Int.Cl. H04W 24/00 (2009.01) H04W
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[25] EN
[54] **METHOD AND USER EQUIPMENT
FOR MEASUREMENT,
DETERMINING REQUIRED
MEASUREMENT PERFORMANCE
AND SELECTING SERVING CELL**
[54] **METHODE ET EQUIPEMENT
UTILISATEUR A DES FINS DE
MESURE, DETERMINATION DU
RENDEMENT DE MESURE
REQUIS ET SELECTION D'UNE
CELLULE DE DESSERT**
[72] YIN, LIYAN, CN
[73] HUAWEI TECHNOLOGIES CO.,
LTD., CN
[85] 2007-09-12
[86] 2006-08-24 (PCT/CN2006/002166)
[87] (WO2007/022726)
[30] CN (200510092909.5) 2005-08-24
[30] CN (200510116765.2) 2005-10-28

[11] **2,602,311**
[13] C

[51] **Int.Cl. F01D 25/12 (2006.01) F02C
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[25] EN
[54] **METHOD AND SYSTEM TO
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[72] LAFLEN, JAMES HARVEY, US
[72] VITT, PAUL HADLEY, US
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[73] GENERAL ELECTRIC COMPANY,
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[54] **PORT DE COMMUNICATIONS
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[54] **SYSTEME ANTI-SURVITESSE POUR VEHICULES ET METHODE DE FONCTIONNEMENT CONNEXE**

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[72] HINDMAN, JAHMY J., FI
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[73] DEERE & COMPANY, US
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[54] **METHOD, APPARATUS, AND SYSTEM FOR TRANSMITTING AND RECEIVING INFORMATION OF AN UNCODED CHANNEL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM**

[54] **PROCEDE, APPAREIL ET SYSTEME DE TRANSMISSION ET DE RECEPTION D'INFORMATIONS D'UN CANAL NON CODE DANS UN SYSTEME DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**

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[72] CHO, JOON-YOUNG, KR
[72] HAN, JIN-KYU, KR
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[73] BAYER OY, FI
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING OF ARSENOUS ACID, ITS SODIUM SALT AND ITS DERIVATIVES INTENDED FOR THE TREATMENT OF UROGENITAL CANCER AND ITS METASTASIS**

[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN ACIDE ARSENIQUEUX, SES SELS DE SODIUM ET SES DERIVES DESTINES AU TRAITEMENT DE CANCER URO-GENITAL ET DE SES METASTASES**

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[72] BOYD, THOMAS A., US
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[54] **METHOD FOR PRODUCING HOLLOW BODY ELEMENTS, HOLLOW BODY ELEMENT, COMPONENT, FOLLOW-ON COMPOSITE TOOL FOR PRODUCING HOLLOW BODY ELEMENTS**
[54] **PROCEDE DE PRODUCTION D'ELEMENTS A CORPS CREUX, ELEMENT A CORPS CREUX, PIECE D'ASSEMBLAGE, OUTIL A SUIVRE COMPOSE POUR PRODUIRE DES ELEMENTS A CORPS CREUX**
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[72] GOUJARD, STEPHANE, FR
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[54] **COMPOSITION DESTINEE A MODERER LE METABOLISME DE L'ALCOOL ET A REDUIRE LE RISQUE DE MALADIES INDUITES PAR L'ALCOOL**
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[54] **DERIVES DE L'ACIDE DIHYDROTHIENO[2,3-D]PYRIMIDINE-6-CARBOXYLIQUE EN TANT QU'INHIBITEURS DE PDE9**
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[54] **SEPARATEUR DE LIQUIDE D'UN DEBIT DE FLUIDE CHARGE DE GOUTTELETTES DE LIQUIDE**
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[54] **METHODE ET SYSTEME D'EMBALLAGE D'OBJETS ETANCHE AUX GAZ**
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[54] **PROCEDE ET APPAREIL DE SECHAGE DE BANDE MOBILE DE MATERIAU SUR UNE MACHINE A PAPIER OU A CARTON**
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[73] LARSON MANUFACTURING COMPANY OF SOUTH DAKOTA, INC., US
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[54] **MULTIPLES PRINCIPES ACTIFS PHARMACEUTIQUES COMBINES DANS DES PARTICULES D'INHALATION DISCRETES ET LEURS FORMULATIONS**
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[73] BROADBAND ROYALTY CORPORATION, US
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[54] **METHODE DE PREPARATION DE DIPHENYLAMINES NONYLEES PAR RECYCLAGE SUIVI DE D'UNE REACTION EN DEUX ETAPES A DES TEMPERATURES DIFFERENTES**
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[73] CHEVRON ORONITE COMPANY LLC, US
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[72] FABER, RICHARD, CA
[73] FABER & CO. INC., CA
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[54] **COMPOSES DE PYRIMIDINE UTILES COMME MODULATEURS DES RECEPTEURS DE LA SEROTONINE**
[72] DVORAK, CURT A., US
[72] RUDOLPH, DALE A., US
[72] SHIREMAN, BROCK T., US
[73] JANSSEN PHARMACEUTICA N.V., BE
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[72] SACCON, SANDRO, IT
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RELAYING DATA IN CELLULAR
NETWORKS FOR A BROADCAST
MULTICAST SERVICE**
[54] **METHODE DE TRANSMISSION
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DANS DES RESEAUX
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[72] SUN, LI-HSIAN, US
[72] KIM, SANG GOOK, US
[72] YI, BYUNG KWAN, US
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[72] BLANCHARD, SERGE, FR
[72] GRIFFATON, JULIEN, FR
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[54] **REGULATEUR ET METHODE DE
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[54] **OPHTHALMIC LENS PACKAGE
WITH A FRANGIBLE POUCH AND
METHODS OF ITS USE**
[54] **BOITIER DE LENTILLES
OPHTALMIQUES AVEC SAC
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D'UTILISATION**
[72] TOKARSKI, MICHAEL, US
[72] PECK, JAMES MALCOLM, US
[72] DZWILL, EDWARD, US
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[72] COLEMAN, RONALD K., US
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[54] **COMPOSANTS DE PILE A COMBUSTIBLE COMPRENANT DES HETEROPOLYACIDES IMMOBILISES**
[72] LALGUDI, RAMANATHAN S., US
[72] SAYRE, JAY R., US
[72] VIJAYENDRAN, BHIMA R., US
[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **ELEMENT FILETE TUBULAIRE DOTE D'UN REVETEMENT PROTECTEUR SEC**
[72] BORDET, LAURENT, FR
[72] GILLOT, LAURENT, FR
[72] PINEL, ELIETTE, FR
[72] GARD, ERIC, FR
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR
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[54] **MULTI-PIECE PISTON FOR A COLD CHAMBER CASTING MACHINE**
[54] **PISTON EN PLUSIEURS PARTIES DESTINE A UNE MACHINE DE COULEE A CHAMBRE FROIDE**
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[73] ALLPER AG, CH
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[54] **EXPANDABLE GRANULATES BASED ON VINYL-AROMATIC POLYMERS HAVING AN IMPROVED EXPANDABILITY AND PROCESS FOR THE PREPARATION THEREOF**
[54] **GRANULES EXPANSIBLES A BASE DE POLYMERES VINYLQUES AROMATIQUES AYANT UNE MEILLEURE EXPANSIBILITE ET PROCEDE POUR LA PREPARATION DE CEUX-CI**
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[72] GHIDONI, DARIO, IT
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[54] **PASSERELLE D'ACCES A UN RESERVOIR A SEMENCES POUR PLANTEUSE**
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[73] CNH AMERICA LLC, US
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[54] **DISPOSABLE CLEANING PAD**
[54] **TAMPON NETTOYEUR JETABLE**
[72] HENDERSON, MARIANNE, US
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[72] HEFT, ANITA, US
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[72] BATEMAN, ROBERT HAROLD, GB
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[73] MICROMASS UK LIMITED, GB
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[25] FR
[54] **PROCESS AND DEVICE FOR THE METALLIC COATING OF FIBRES BY LIQUID MEANS**
[54] **PROCEDE ET UN DISPOSITIF D'ENDUCTION METALLIQUE DE FIBRES PAR VOIE LIQUIDE**
[72] FRANCHET, JEAN-MICHEL
PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES
CASIMIR, FR
[72] GARNIER, CHRISTIAN, FR
[72] PETITPAS, PATRICK, FR
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[72] DUMONT, MIKAEL, FR
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[54] **DISPOSITIF DE COMMUTATION POUR DISTRIBUTION ELECTRIQUE**
[72] WEBER, RALF, DE
[72] MUDERS, ERWIN, DE
[72] EPPE, KLAUS-PETER, DE
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[54] **WAVE ENERGY CONVERTER UTILIZING INTERNAL REACTION MASS AND SPRING**
[54] **CONVERTISSEUR DE L'ENERGIE DE LA HOULE UTILISANT UNE MASSE DE REACTION ET UN RESSORT INTERNES**
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[73] OCEAN POWER TECHNOLOGIES, INC., US
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[54] **METHOD FOR THE DETERMINATION OF THE STRESSES OCCURRING IN WOOD WHEN DRYING**
[54] **PROCEDE PERMETTANT DE DETERMINER LES TENSIONS APPARAISSANT DANS LE BOIS LORS DU SECHAGE**
[72] LAPPALAINEN, REIJO, FI
[72] MIETTINEN, PEKKA, FI
[72] TIITTA, MARKKU, FI
[73] KORWENSUUN KONETEHIDAS OY, FI
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[13] C

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[54] **PROCEDE DE COMMANDE DU REFROIDISSEMENT D'UNE INSTALLATION INDUSTRIELLE**
[72] BRETZNER, THOMAS, DE
[72] ECKERT, GUENTER, DE
[72] REBLING, WALTER, DE
[72] THEURER, HELMUT, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DISPOSITIF DE TRAITEMENT DU SPHINCTER ANAL**
[72] BARAK, NIR, IL
[73] MOR RESEARCH APPLICATIONS LTD., IL
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[13] C

[51] **Int.Cl. F16K 11/08 (2006.01) F17D 3/00 (2006.01)**
[25] EN
[54] **BLOCK VALVE FOR VACUUM LINE OR NETWORK WITH EMERGENCY INPUT**
[54] **VANNE DE SECTIONNEMENT POUR CANALISATION OU RESEAU A VIDE AVEC ENTREE D'URGENCE**
[72] DENEUX, PATRICK, IT
[72] DEMERVILLE, NATHALIE, IT
[72] DENANDO, VITTORIO, IT
[73] AIR LIQUIDE SANITA SPA, IT
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[72] SUPER, MICHAEL, US

[72] DAVIS, JONATHAN H., US

[72] STEIN, PASCAL ANDRE, US

[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE

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[86] 2006-12-21 (PCT/EP2006/012365)

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[11] **2,635,698**
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[54] **WIRELESS FLUID PRESSURE SENSOR**

[54] **CAPTEUR DE PRESSION DE FLUIDE SANS FIL**

[72] SKWARA, THOMAS A., US

[73] ELECTROCHEM SOLUTIONS, INC., US

[85] 2008-07-08

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[87] (WO2006/074417)

[30] US (60/642,365) 2005-01-07

[11] **2,635,842**
[13] C

[51] **Int.Cl. C07D 251/26 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) A61P 1/12 (2006.01) A61P 35/00 (2006.01) C07D 251/46 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/06 (2006.01) C07D 405/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **PROKINETICIN 1 RECEPTOR ANTAGONISTS**

[54] **ANTAGONISTES DU RECEPTEUR DE LA PROKINETICINE 1**

[72] COATS, STEVEN J., US

[72] DYATKIN, ALEXEY B., US

[72] HE, WEI, US

[72] LISKO, JOSEPH, US

[72] MISKOWSKI, TAMARA A., US

[72] RALBOVSKY, JANET L., US

[72] SCHULZ, MARK, US

[73] JANSSEN PHARMACEUTICA N.V., BE

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[25] EN

[54] **DETECTION OF SOLUBLE ADIPONECTIN RECEPTOR PEPTIDES AND USE IN DIAGNOSTICS AND THERAPEUTICS**

[54] **DETECTION DE PEPTIDES SOLUBLES DU RECEPTEUR DE L'ADIPONECTINE ET UTILISATION DANS LE DIAGNOSTIC ET LA THERAPEUTIQUE**

[72] PUGIA, MICHAEL J., US

[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US

[85] 2008-06-04

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[30] US (60/748,305) 2005-12-07

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[51] **Int.Cl. H01Q 17/00 (2006.01)**

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[54] **SELECTIVE REFLECTIVE AND ABSORPTIVE SURFACES AND METHOD FOR RESONANTLY COUPLING INCIDENT RADIATION**

[54] **SURFACES SELECTIVES REFLECTRICES ET ABSORBANTES ET PROCEDE DE COUPLAGE RESONNANT DE RAYONNEMENTS INCIDENTS**

[72] PUSCASU, IRINA, US

[72] SCHACH, WILLIAM L., US

[73] PUSCASU, IRINA, US

[73] SCHACH, WILLIAM L., US

[85] 2008-06-12

[86] 2006-12-12 (PCT/US2006/047449)

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[30] US (60/749,511) 2005-12-12

[11] **2,638,160**
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[51] **Int.Cl. C08B 1/00 (2006.01) D21B 1/00 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) C13K 1/02 (2006.01)**

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[54] **METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK**

[54] **METHODE ET APPAREIL PERMETTANT LE TRANSPORT D'UNE CHARGE D'ALIMENTATION CELLULOSIQUE**

[72] BURKE, MURRAY J., CA

[72] HILLIER, SUNALIE N., CA

[72] NGUYEN, QUANG A., US

[73] ABENGOA BIOENERGY NEW TECHNOLOGIES, LLC, US

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[87] (2638160)

[22] 2008-07-24

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[11] **2,639,864**

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[54] **CIRCUIT INTERRUPTER**

[54] **COUPE-CIRCUIT**

[72] ENGEL, JOSEPH C., US

[73] EATON CORPORATION, US

[86] (2639864)

[87] (2639864)

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[30] US (11/862,342) 2007-09-27

[11] **2,640,003**

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[51] **Int.Cl. F01D 5/30 (2006.01)**

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[54] **FOIL FOR TURBOMACHINE BLADE**

[54] **CLINQUANT POUR AUBE DE TURBOMACHINE**

[72] MACE, JEROME, FR

[72] NITRE, THIERRY, FR

[72] REGHEZZA, PATRICK, FR

[73] SNECMA, FR

[86] (2640003)

[87] (2640003)

[22] 2008-09-25

[30] FR (0757810) 2007-09-25

[11] **2,640,219**

[13] C

[51] **Int.Cl. B23K 26/20 (2014.01)**

[25] FR

[54] **PROCESS FOR TOUCHING UP METAL PARTS**

[54] **PROCEDE DE RETOUCHE DE PIECES METALLIQUES**

[72] CAUSTE, ERIC YVES ROGER, FR

[72] FLESCH, THIERRY JEAN EMILE, FR

[72] GUEGUEN, MATHIEU, FR

[72] PRODENT, JAMES, FR

[73] SNECMA, FR

[86] (2640219)

[87] (2640219)

[22] 2008-10-03

[30] FR (0707011) 2007-10-05

[11] **2,640,301**

[13] C

[51] **Int.Cl. G01V 1/38 (2006.01)**

[25] EN

[54] **METHOD FOR SIMULATING THE POSITIONING OF AT LEAST ONE STREAMER COMPRISING A STEP FOR PREDICTING THE CURRENT ON AT LEAST TWO DISTINCT POINTS OF THE STREAMER**

[54] **METHODE PERMETTANT DE SIMULER LE POSITIONNEMENT D'AU MOINS UNE FLUTE MARINE COMPRENANT UNE ETAPE POUR PREDIRE LE COURANT BAINANT AU MOINS DEUX POINTS DISTINCTS DE LADITE FLUTE**

[72] VISSEAU, CLEMENT, FR

[72] L'HER, VERONIQUE, FR

[73] SERCEL, FR

[86] (2640301)

[87] (2640301)

[22] 2008-10-03

[30] FR (FR 07/07093) 2007-10-10

[11] **2,642,386**

[13] C

[51] **Int.Cl. B61L 29/30 (2006.01) B61L 9/04 (2006.01) B61L 29/08 (2006.01) G01D 5/244 (2006.01) G01D 5/248 (2006.01)**

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[54] **GATE MONITORING SYSTEM**

[54] **SYSTEME DE SURVEILLANCE DE BARRIERE**

[72] HONECK, RANDALL G., US

[72] GABEL, CRAIG P., US

[72] FOX, DAVID K., US

[72] PHELPS, GREGGORY C., US

[73] RAILWAY EQUIPMENT COMPANY, INC., US

[86] (2642386)

[87] (2642386)

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[11] **2,645,114**

[13] C

[51] **Int.Cl. C01B 3/00 (2006.01) C01B 3/22 (2006.01) F17C 11/00 (2006.01)**

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[54] **HYDROGEN GENERATOR AND HYDROGENATION APPARATUS**

[54] **GENERATEUR D'HYDROGENE ET APPAREIL D'HYDROGENATION**

[72] ICHIKAWA, MASARU, JP

[72] TANABE, KATSUMORI, JP

[72] SAKURAMOTO, TADASHI, JP

[72] KIKUCHI, TETSU, JP

[72] MITA, YUKIMITSU, JP

[73] HREIN ENERGY, INC., JP

[73] ICHIKAWA, MASARU, JP

[73] ALUMI SURFACE TECHNOLOGIES CO., LTD., JP

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[30] JP (2006-059027) 2006-03-06

[11] **2,646,281**

[13] C

[51] **Int.Cl. H04J 3/16 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONFIGURING LOGICAL CHANNELS IN A NETWORK**

[54] **PROCEDE ET APPAREIL POUR CONFIGURER DES CANAUX LOGIQUES DANS UN RESEAU**

[72] COOPER, MICHAEL J., US

[72] MORAN, JOHN LEO, III, US

[73] GENERAL INSTRUMENT CORPORATION, US

[85] 2008-09-16

[86] 2007-03-23 (PCT/US2007/064759)

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[13] C

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[25] EN

[54] **APPARATUS FOR AND METHOD OF INHIBITING DELAMINATION**

[54] **APPAREIL ET PROCÉDE POUR EMPECHER LE DELAMINAGE**

[72] PAYNE, CHRISTOPHER GORDON THOMAS, GB

[73] AIRBUS OPERATIONS LIMITED, GB

[85] 2008-09-22

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[30] GB (0609166.4) 2006-05-09

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[13] C

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[25] EN

[54] **APPARATUS AND METHOD FOR GENERATING A SEISMIC SOURCE SIGNAL**

[54] **APPAREIL ET PROCÉDE POUR PRODUIRE UN SIGNAL DE SOURCE SISMIQUE**

[72] WEI, ZHOUHONG, US

[72] SALLAS, JOHN, US

[73] INOVA LTD., KY

[85] 2008-09-18

[86] 2007-03-27 (PCT/US2007/007525)

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[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING INFORMATION RELATING TO AN EMAIL BEING PROVIDED TO AN ELECTRONIC DEVICE**

[54] **SYSTEME ET METHODE DE FOURNITURE DE RENSEIGNEMENTS RELATIFS A UN MESSAGE ELECTRONIQUE ENVOYE A UN DISPOSITIF ELECTRONIQUE**

[72] ADAMS, NEIL PATRICK, CA

[72] VANDER VEEN, RAYMOND, CA

[73] BLACKBERRY LIMITED, CA

[86] (2646865)

[87] (2646865)

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[30] EP (08100030.9) 2008-01-02

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[51] **Int.Cl. F02C 7/28 (2006.01) F01D 25/30 (2006.01) F02C 7/00 (2006.01)**

[25] FR

[54] **SEALING OF A HUB CAVITY IN THE EXHAUST CASING OF A TURBINE ENGINE**

[54] **ETANCHEITE D'UNE CAVITE DE MOYEU D'UN CARTER D'ECHAPPEMENT DANS UNE TURBOMACHINE**

[72] LESCURE, XAVIER FIRMIN CAMILLE JEAN, FR

[72] MASSOT, AURELIEN RENE-PIERRE, FR

[72] PRESTEL, SEBASTIEN JEAN LAURENT, FR

[72] SCHNELL, CHRISTIAN RENE, FR

[73] SNECMA, FR

[86] (2647058)

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[22] 2008-12-10

[30] FR (07/08713) 2007-12-14

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[13] C

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[25] EN

[54] **METHOD FOR ASSEMBLING SHEETS BY RIVETING**

[54] **PROCEDE POUR L'ASSEMBLAGE PAR RIVETAGE DE TOLES**

[72] HARDOUIN-FINEZ, MAXIME, FR

[73] SONACA S.A., BE

[85] 2008-09-25

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[30] BE (2006/0188) 2006-03-27

[11] **2,647,401**
[13] C

[51] **Int.Cl. F16L 41/00 (2006.01) G01L 19/00 (2006.01)**

[25] FR

[54] **FLUID DISTRIBUTION SYSTEM AND CORRESPONDING USE**

[54] **ENSEMBLE DE DISTRIBUTION DE FLUIDE ET UTILISATION CORRESPONDANTE**

[72] CORIC, PHILIPPE, FR

[73] EIF, FR

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[54] **TRIAZOLONE DERIVATIVE**
[54] **DERIVE DE TRIAZOLONE**
[72] CLARK, RICHARD, JP
[72] MATSUURA, FUMIYOSHI, JP
[72] KIRA, KAZUNOBU, JP
[72] HIROTA, SHINSUKE, JP
[72] AZUMA, HIROSHI, JP
[72] NAGAKURA, TADASHI, JP
[72] HORIZOE, TATSUO, JP
[72] TABATA, KIMIYO, JP
[72] KUSANO, KAZUTOMI, JP
[72] OMAE, TAKAO, JP
[72] INOUE, ATSUSHI, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2008-09-24
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[87] (WO2007/111212)
[30] JP (2006-083486) 2006-03-24
[30] US (60/786,687) 2006-03-29
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[30] JP (2006-218819) 2006-08-10
[30] US (60/838,418) 2006-08-18

[11] **2,647,571**
[13] C

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[54] **CRYSTALLINE CHROMIUM DEPOSIT**
[54] **DEPOT DE CHROME CRISTALLIN**
[72] BISHOP, CRAIG V., US
[72] ROUSSEAU, AGNES, US
[72] MATHE, ZOLTAN, US
[73] ATOTECH DEUTSCHLAND GMBH, DE
[85] 2008-09-25
[86] 2007-03-28 (PCT/US2007/065345)
[87] (WO2007/115030)
[30] US (60/788,387) 2006-03-31

[11] **2,648,337**
[13] C

[51] **Int.Cl. H01J 35/10 (2006.01)**

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[54] **BEARING UNIT FOR ROTARY ANODES OF X-RAY TUBES**
[54] **UNITE DE PALIER POUR ANODES ROTATIVES DE TUBES A RAYONS X**
[72] KAIKA, WOLFGANG, DE
[72] TRITTHART, STEFAN, DE
[72] MAUSSNER, THOMAS, DE
[73] PAUL MUELLER GMBH & CO KG UNTERNEHMENS BETEILIGUNGEN, DE
[85] 2008-10-03
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[30] EP (06007156.0) 2006-04-04

[11] **2,649,563**
[13] C

[51] **Int.Cl. H04W 84/20 (2009.01) H04W 52/02 (2009.01) H04W 80/02 (2009.01) A61B 5/145 (2006.01) A61M 5/142 (2006.01)**

[25] EN
[54] **METHOD FOR TRANSMITTING DATA IN A BLOOD GLUCOSE SYSTEM AND CORRESPONDING BLOOD GLUCOSE SYSTEM**
[54] **PROCEDE POUR TRANSMETTRE DES DONNEES DANS UN SYSTEME DE GLUCOMETRE ET SYSTEME DE GLUCOMETRE CORRESPONDANT**
[72] EBNER, MANFRED, DE
[72] KRAFT, ULRICH, DE
[73] LIFESCAN SCOTLAND LIMITED, GB
[85] 2008-10-17
[86] 2006-04-20 (PCT/EP2006/003650)
[87] (WO2007/121763)

[11] **2,649,780**
[13] C

[51] **Int.Cl. C08G 65/331 (2006.01) C09D 5/02 (2006.01) C09D 7/00 (2006.01) C09D 201/00 (2006.01)**

[25] EN
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[54] **STABILISATEURS POUR TEMPS OUVERT DE REVETEMENTS AQUEUX**
[72] BAKEEV, KIRILL, US
[72] CHU, SUNG, GUN, US
[72] EVERETT, TARA, LYN, US
[72] KRUYTHOFF, DIRK, NL
[72] LOO, DEKAI, US
[72] NGUYEN, TUYEN, THANH, US
[72] SALOMONS, WILLEMINA, GEESIEN, NL
[73] HERCULES INCORPORATED, US
[85] 2008-10-17
[86] 2007-04-19 (PCT/US2007/009813)
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[30] US (60/793,291) 2006-04-19

[11] **2,649,842**
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[54] **COMPOSITION CONTAINING PEPTIDE AS ACTIVE INGREDIENT**
[54] **COMPOSITION CONTENANT UN PEPTIDE COMME PRINCIPE ACTIF**
[72] MORIFUJI, MASASHI, JP
[72] KURASHIGE, KEIKO, JP
[72] SANBONGI, CHIAKI, JP
[73] MEIJI CO., LTD., JP
[85] 2008-10-20
[86] 2007-04-20 (PCT/JP2007/058620)
[87] (WO2007/123200)
[30] JP (2006-117439) 2006-04-21

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[13] C

[51] **Int.Cl. H01L 51/44 (2006.01)**
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[54] **ORGANIC OPTOELECTRONIC DEVICES AND APPLICATIONS THEREOF**
[54] **DISPOSITIFS OPTOELECTRONIQUES ORGANIQUES ET LEURS APPLICATIONS**
[72] CARROLL, DAVID LOREN, US
[72] LIU, JIWEN, US
[72] NAMBOOTHIRY, MANOJ A. G., US
[73] WAKE FOREST UNIVERSITY, US
[85] 2008-10-31
[86] 2006-05-01 (PCT/US2006/016730)
[87] (WO2007/130025)

[11] **2,651,136**
[13] C

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[25] EN
[54] **SUBSTITUTED THIENO-FUSED PYRIMIDINES AS P13K INHIBITORS**
[54] **PYRIMIDINES FUSIONNEES SUBSTITUEES COMME INHIBITEURS DE P13K**
[72] CHUCKOWREE, IRINA S., GB
[72] FOLKES, ADRIAN J., GB
[72] GOLDSMITH, PAUL, GB
[72] HANCOX, TIMOTHY C., GB
[72] SHUTTLEWORTH, STEPHEN J., GB
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2008-10-31
[86] 2007-05-04 (PCT/GB2007/001644)
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[30] GB (0608820.7) 2006-05-04

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[13] C

[51] **Int.Cl. B82B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING NANO-SCALE PARTICLE OF ACTIVE MATERIAL**
[54] **PROCEDE DE PREPARATION DE NANOPARTICULES DE MATIERE ACTIVE**
[72] KIM, KAB SIG, KR
[72] CHO, YOUNG TAI, KR
[73] BIO-SYNECTICS INC., KR
[73] KIM, KAB SIG, KR
[85] 2008-11-03
[86] 2007-05-03 (PCT/KR2007/002172)
[87] (WO2007/129829)
[30] KR (10-2006-0040317) 2006-05-04
[30] KR (10-2006-0040416) 2006-05-04

[11] **2,651,941**
[13] C

[51] **Int.Cl. A61L 31/04 (2006.01)**
[25] EN
[54] **METHOD FOR DIRECTED CELL IN-GROWTH AND CONTROLLED TISSUE REGENERATION IN SPINAL SURGERY**
[54] **PROCEDE POUR REGULER L'INVASION CELLULAIRE ET LA REGENERATION TISSULAIRE EN CHIRURGIE RACHIDIENNE**
[72] ODAR, JOHANN, DE
[72] NISTOR-GALLO, RAYMOND, AT
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[85] 2008-11-04
[86] 2007-05-30 (PCT/EP2007/004791)
[87] (WO2007/137839)
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[11] **2,652,243**
[13] C

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[25] EN
[54] **A METHOD AND SYSTEM FOR GENERATING POWER FROM A HEAT SOURCE**
[54] **PROCEDE ET SYSTEME DE GENERATION D'ENERGIE A PARTIR D'UNE SOURCE DE CHALEUR**
[72] MOGHTADERI, BEHDAD, AU
[72] DOROODCHI, ELHAM, AU
[73] NEWCASTLE INNOVATION LIMITED, AU
[85] 2008-11-10
[86] 2007-05-14 (PCT/AU2007/000646)
[87] (WO2007/131281)
[30] AU (2006902575) 2006-05-15

[11] **2,653,341**
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL CONTENT MODELING SYSTEM**
[54] **SYSTEME DE MODELISATION DE CONTENU MULTI-CANAUX**
[72] MARTINO, LAURA, IT
[72] DE LUCA, DOMENICO, IT
[72] PRIVITERA, ROBERTO, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2653341)
[87] (2653341)
[22] 2009-02-10
[30] EP (08425080.2) 2008-02-11
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[13] C

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[25] EN
[54] **SINGLE DISC OCCLUSIONARY PATENT FORAMEN OVALE CLOSURE DEVICE**
[54] **APPAREIL DE FERMETURE DE FORAMEN OVALE PERMEABLE OBTURANT A DISQUE UNIQUE**
[72] OLSEN, DANIEL, US
[72] CEDRO, RUDOLPH, US
[72] O'BRIEN, JOHN, US
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[72] VALLEJO, FRANCISCO SALAS, MX

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[54] **CHAINE D'ADHERENCE POUR ROUE DE VEHICULE AUTOMOBILE**

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[72] JOUBERT, BERNARD, FR

[72] JARA, ADAM, FR

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[54] **NOUVEAUX DERIVES DE DIAZA-SPIRO-PYRIDINONE SUBSTITUES POUR UNE UTILISATION DANS DES MALADIES A MEDIATION PAR MCH-1**

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[72] ALCAZAR-VACA, MANUEL JESUS, ES

[72] DAUTZENBERG, FRANK MATTHIAS, BE

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[54] **CELLULE ELECTROLYTIQUE COMPORTANT UNE ELECTRODE POURVUE DE MULTIPLES SECTIONS COURBES**
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[72] DULLE, KARL-HEINZ, DE
[72] KIEFER, RANDOLF, DE
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[54] **DONNEURS D'OXYDE NITRIQUE DE TYPE THIONITRITE DE TRIPHENYLPHOSPHONIUM**
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[72] MURPHY, MICHAEL PATRICK, GB
[73] UNIVERSITY OF OTAGO, NZ
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[72] SZYBISTY, ROBERT J., US
[72] CARROLL, JEFFREY P., US
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[11] **2,665,389**

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[54] **METHOD AND ARRANGEMENT OF DEVICES FOR PROCESSING MAIL ITEMS ADDRESSED TO POST OFFICE BOX SYSTEMS WITHIN A POSTAL TRANSPORTATION AND MAIL DISTRIBUTION SYSTEM**
[54] **PROCEDE ET ENSEMBLE DE DISPOSITIFS POUR, DANS UN SYSTEME DE TRANSPORT ET DE TRI POSTAL, TRAITER DES ENVOIS POSTAUX DESTINES A DES INSTALLATIONS DE BOITES POSTALES**
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[72] ALARIO, FLAVIO, DE
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[54] **INTRAOCCULAR LENSES WITH UNIQUE BLUE-VIOLET CUTOFF AND BLUE LIGHT TRANSMISSION CHARACTERISTICS**
[54] **LENTILLES INTRAOCULAIRES AVEC COUPURE UNIQUE DU BLEU-VIOLET ET DES CARACTERISTIQUES DE TRANSMISSION DE LUMIERE BLEUE**
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[54] **A METHOD AND DEVICE FOR EMPTYING THE FLOOR OF A SODA RECOVERY BOILER**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE VIDER LA SOLE D'UNE CHAUDIERE DE RECUPERATION DE SOUDE**
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[73] BOILDEC OY, FI
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[54] **MINIMALLY INVASIVE TOOLING FOR DELIVERY OF INTERSPINOUS SPACER**
[54] **INSTRUMENTATION CHIRURGICALE PEU INVASIVE SERVANT A POSITIONNER UN ECARTEUR D'APOPHYSE EPINEUSE**
[72] ALTARAC, MOTI, US
[72] GUTIERREZ, ROBERT, US
[72] TEBBE, SHAWN, US
[72] KIM, DANIEL H., US
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[25] EN
[54] **REPUTATION-BASED METHOD AND SYSTEM FOR DETERMINING A LIKELIHOOD THAT A MESSAGE IS UNDESIRE**
[54] **PROCEDE BASE SUR LA REPUTATION ET SYSTEME SERVANT A DETERMINER UNE PROBABILITE QU'UN MESSAGE N'EST PAS SOUHAITE**
[72] GABE, CHRISTOPHER JOHN, CA
[73] WATCHGUARD TECHNOLOGIES, INC., US
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[54] **DISPOSITIF ET PROCEDE POUR FILTRER PAR CATEGORIES DES DONNEES**
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[54] **COMPARTIMENT DE RANGEMENT D'AUTOMOBILE**
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[54] **PROCEDE, SYSTEME POUR COMMUTATION DE CLE ET UN PROCEDE, DISPOSITIF POUR REDUIRE LA BANDE PASSANTE DE TRANSMISSION DU PARAMETRE**
[72] CAO, ZHENFU, CN
[72] DONG, XIAOLEI, CN
[72] SHAO, JUN, CN
[72] WEI, JIWEI, CN
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[72] ABELE, STEFAN, CH
[72] BOLLI, MARTIN, CH
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[72] LISIECZKO, ZENON, CA
[73] MONSANTO TECHNOLOGY LLC, US
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[25] EN
[54] **COLLAGEN PEPTIDE COMPOSITION AND FOOD OR BEVERAGE CONTAINING THE SAME**
[54] **COMPOSITION DE PEPTIDE DE COLLAGENE ET ALIMENT OU BOISSON LA CONTENANT**
[72] MATSUMOTO, HITOSHI, JP
[72] OHARA, HIROKI, JP
[72] NAKAJIMA, TAKANORI, JP
[72] SUGIHARA, FUMIHITO, JP
[72] TAKASAKI, HAJIME, JP
[73] MEIJI CO., LTD., JP
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[13] C

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[25] EN
[54] **VAPOR-PERMEABLE WATERPROOF SOLE FOR SHOES, SHOE WHICH USES SAID SOLE, AND METHOD FOR MANUFACTURING SAID SOLE AND SAID SHOE**
[54] **SEMELLE ETANCHE ET PERMEABLE A LA VAPEUR POUR CHAUSSURES, CHAUSSURE UTILISANT LADITE SEMELLE, ET PROCEDE DE FABRICATION DE LADITE SEMELLE ET DE LADITE CHAUSSURE**
[72] POLEGATO MORETTI, MARIO, IT
[73] GEOX S.P.A., IT
[85] 2009-05-14
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[72] FULLALOVE, COLIN, GB
[72] GRADWELL, COLIN, GB
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[54] **AGONISTES EP2 ET EP4 EN TANT QU'AGENTS DESTINES AU TRAITEMENT D'UNE INFECTION VIRALE DE L'INFLUENZA A**

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[72] SEIFERT, WOLFGANG, DE
[73] GEMMUS PHARMA INC, US
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[25] EN
[54] **A MULTI-POINT CONNECTION MODULE FOR A TRANSFORMER COIL, AND A TRANSFORMER COMPRISING SUCH A CONNECTION MODULE**
[54] **MODULE DE CONNEXION MULTIPOINT POUR UNE BOBINE DE TRANSFORMATEUR, ET TRANSFORMATEUR COMPRENANT UN MODULE DE CONNEXION DE CE GENRE**

[72] SARVER, CHARLIE H., US
[72] GOODSON, BOBBY PHIL, US
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[54] **DERIVES DE 4-(1-AMINO-ETHYL)-CYCLOHEXYLAMINE**

[72] HUBSCHWERLEN, CHRISTIAN, FR
[72] RUEEDI, GEORG, CH
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[72] ZUMBRUNN-ACKLIN, CORNELIA, CH
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[54] **COUCHE-CULOTTE N'IRRITANT PAS LA PEAU**

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[54] **OXYGEN SUPPLY FOR CELL TRANSPLANT AND VASCULARIZATION**
[54] **ALIMENTATION EN OXYGENE POUR GREFFE DE CELLULES ET VASCULARISATION**

[72] ROTEM, AVI, IL
[72] SCHNEIDER, CHANAN, IL
[72] BARKAI, URIEL, IL
[72] EVRON, YOAV, IL
[72] VARDI, PNINA, IL
[72] BLOCH, KONSTANTIN, IL
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[13] C

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[72] WEISER, STEFFEN, DE
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[54] **INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE**

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[72] KERTESZ, DENIS JOHN, US

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[54] **NOVEL SOLID GAS SEPARATION SYSTEM FOR FLUID CATALYTIC CRACKING UNIT REGENERATORS**

[54] **NOUVEAU SYSTEME DE SEPARATION GAZ SOLIDE POUR LES REGENERATEURS DES UNITES DE CRAQUAGE CATALYTIQUE EN LIT FLUIDISE**

[72] ANDREUX, REGIS, FR

[72] GAUTHIER, THIERRY, FR

[72] LE COZ, JEAN-FRANCOIS, FR

[72] LEROY, PATRICK, FR

[72] DELSART, OLIVIER, FR

[73] TOTAL FRANCE, FR

[73] IFP ENERGIES NOUVELLES, FR

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[13] C

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[54] **A RADIO FREQUENCY IDENTIFICATION TAG WITH PRIVACY AND SECURITY CAPABILITIES**

[54] **ETIQUETTE D'IDENTIFICATION PAR RADIOFREQUENCE CAPABLE D'OFFRIR SECURITE ET CONFIDENTIALITE**

[72] ATHERTON, PETER SAMUEL, US

[73] MIKOH CORPORATION, US

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[11] **2,672,871**
[13] C

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[25] EN

[54] **SURFACE PRETREATMENT FLUID FOR THE METAL TO BE COATED BY CATIONIC ELECTRODEPOSITION**

[54] **FLUIDE DE PRETRAITEMENT DE SURFACE POUR UN METAL DEVANT ETRE REVETU PAR ELECTRODEPOSITION CATIONIQUE**

[72] INBE, TOSHIO, JP

[72] KAMEDA, HIROSHI, JP

[72] KOLBERG, THOMAS, DE

[73] NIPPON PAINT CO., LTD., JP

[73] CHEMETALL GMBH, DE

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[25] EN

[54] **INTERFEROMETRY TESTING OF LENSES, AND SYSTEMS AND DEVICES FOR SAME**

[54] **ESSAI INTERFEROMETRIQUE DE LENTILLES, ET SYSTEMES ET DISPOSITIFS ASSOCIES**

[72] WILLIBY, GREGORY A., US

[72] SPAULDING, RUSSELL T., US

[72] JONES, LARRY G., US

[72] HAYWOOD, JAMES W., US

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[13] C

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[25] EN

[54] **SYSTEM FOR PERFORMING THE AUTOMATIC CONTROL OF THE FLIGHT OF KITES**

[54] **SYSTEME POUR EFFECTUER LA COMMANDE AUTOMATIQUE DU VOL DE CERFS-VOLANTS**

[72] MILANESE, MARIO, IT

[72] MILANESE, ANDREA, IT

[72] NOVARA, CARLO, IT

[73] KITE GEN RESEARCH S.R.L., IT

[85] 2009-06-04

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[25] EN

[54] **LIGANDS AND CATALYST SYSTEMS THEREOF FOR THE CATALYTIC OLIGOMERIZATION OF OLEFINIC MONOMERS**

[54] **LIGANDS ET SYSTEMES DE CATALYSEURS CORRESPONDANTS UTILISES POUR L'OLIGOMERISATION CATALYTIQUE DE MONOMERES OLEFINIQUES**

[72] DE BOER, ERIC JOHANNES MARIA, NL

[72] VAN DER HEIJDEN, HARRY, NL

[72] ON, QUOC AN, NL

[72] SMIT, JOHAN PAUL, NL

[72] VAN ZON, ARIE, NL

[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[54] **LIGANDS AND CATALYST SYSTEMS FOR THE OLIGOMERIZATION OF OLEFINIC MONOMERS**

[54] **LIGANDS ET SYSTEMES DE CATALYSEURS UTILISES POUR L'OLIGOMERISATION DE MONOMERES OLEFINIQUES**

[72] DE BOER, ERIC JOHANNES MARIA, NL

[72] VAN DER HEIJDEN, HARRY, NL

[72] ON, QUOC AN, NL

[72] SMIT, JOHAN PAUL, NL

[72] VAN ZON, ARIE, NL

[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[54] **MULTIPLE FLUID DELIVERY DEVICE FOR POULTRY**

[54] **DISPOSITIF DE DISTRIBUTION DE FLUIDES MULTIPLES POUR VOLAILLE**

[72] LESLIE, CHRISTOPHER DAVIS, US

[72] JOHNSTON, JOSEPH H., JR., US

[73] Merial LIMITED, US

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[54] **FRANGIBLE BRIDGE STRUCTURE FOR A STENT, AND STENT INCLUDING SUCH BRIDGE STRUCTURES**

[54] **STRUCTURE DE PONT CASSABLE POUR UNE ENDOPROTHESE VASCULAIRE ET ENDOPROTHESE VASCULAIRE COMPRENANT DE TELLES STRUCTURES DE PONT**

[72] ISSENMANN, GONZAGUE, FR

[73] STENTYS S.A.S., FR

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[54] **SUBSTITUTED ISOQUINOLONE AND ISOQUINOLINONE DERIVATIVES AS INHIBITORS OF RHO-KINASE**

[54] **DERIVES D'ISOQUINOLINE ET D'ISOQUINOLINONE SUBSTITUES INHIBITEURS DE LA RHO-KINASE**

[72] PLETTENBURG, OLIVER, DE

[72] HOFMEISTER, ARMIN, DE

[72] BRENDDEL, JOACHIM, DE

[72] LOEHN, MATTHIAS, DE

[73] SANOFI-AVENTIS, FR

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- [72] OKUMURA, TOMOHIRO, JP
- [72] OCHIAI, AKIKO, JP
- [72] SAKUDA, KEIZO, JP
- [72] TATSUMI, YOSHIYUKI, JP
- [73] KAKEN PHARMACEUTICAL CO., LTD., JP
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- [54] **HIGH ZINC-CONTAINING LEGUMES**
- [54] **HARICOT A HAUTE TENEUR EN ZINC**
- [72] YAMAMOTO, HIDEAKI, JP
- [72] YAMAMOTO, MASAHIKO, JP
- [72] SOEJIMA, HIROSHI, JP
- [72] SHINODA, HIDESHI, JP
- [72] OHASHI, MASANOBU, JP
- [72] KATSURAGAWA, YOSHIHIKO, JP
- [73] SNOW BRAND SEED CO., LTD., AF
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- [54] **METHODE POUR PURIFIER UN EXTRACTANT DE TYPE AMINE APRES DESORPTION**
- [72] SHOJI, HIROFUMI, JP
- [72] KOBAYASHI, HIROSHI, JP
- [73] SUMITOMO METAL MINING CO., LTD., JP
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- [72] ALBERINI, VILIAM, IT
- [72] SANGREGORIO, ERCOLE, IT
- [73] LANDI RENZO S.P.A., IT
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- [54] **NOUVEAU DERIVE DE LA QUINCLIDINE UTILE DANS LA PREPARATION DE LA MEQUITAZINE**
- [72] MIOSKOWSKI, CHARLES, FR
- [72] GONNOT, VANESSA, FR
- [72] BAATI, RACHID, FR
- [72] NICOLAS, MARC, FR
- [73] PIERRE FABRE MEDICAMENT, FR
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- [72] EDER, MARCUS, AT
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- [72] SCHELL, ANDREAS, DE
- [73] HILTI AKTIENGESELLSCHAFT, LI
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- [54] **DEVICE FOR ANCHORING CONCRETE TO AN INSULATING PANEL AND FORM EMPLOYING THE DEVICE**
- [54] **DISPOSITIF PERMETTANT L'ANCRAGE DE BETON A UN PANNEAU ISOLANT ET COFFRAGE UTILISANT LE DISPOSITIF**
- [72] AMEND, VICTOR, CA
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[54] **SYSTEME DE RECUPERATION D'EAU**
[72] MINTY, ANDREW, GB
[73] AIRBUS OPERATIONS LIMITED, GB
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[54] **SIEGE POUR TELESIEGE ET TELESIEGE**
[72] SUTTER, JOSEF, AT
[73] INNOVA PATENT GMBH, AT
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[73] NOVARTIS AG, CH
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[54] **ACTIVATEUR DE GLUCOKINASE**
[72] FUKUDA, YASUMICHI, JP
[72] ASAHINA, YOSHIKAZU, JP
[72] TAKADOI, MASANORI, JP
[72] OHATA, KOHEI, JP
[72] IDE, TOMOHIRO, JP
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[73] TEIJIN PHARMA LIMITED, JP
[73] KYORIN PHARMACEUTICAL CO., LTD., JP
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[54] **ENSEMBLE DE DISTRIBUTION EQUIPE D'ACCESSOIRES FIXES AMOVIBLES**
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[72] RAO, XERXES, IN
[73] CIPLA LIMITED, IN
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[25] EN
[54] **CONTAINER SEAL WITH REMOVAL TAB AND PIERCABLE HOLOGRAPHIC SECURITY SEAL**
[54] **JOINT POUR RECIPIENT AVEC LANGUETTE AMOVIBLE ET JOINT DE SECURITE HOLOGRAPHIQUE PERFORABLE**
[72] THORSTENSEN-WOLL, ROBERT, WILLIAM, US
[72] SMELKO, JOSEPH, US
[73] SELIG SEALING PRODUCTS, INC., US
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[54] **APPAREILLAGE DE COMMUNICATION DE TRAIN DE VEHICULES SUR RAILS**
[72] TAKEYAMA, MASAYUKI, JP
[72] TATSUMI, SHOGO, JP
[72] YOSHIDA, MINORU, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **ORIFICE REGULATEUR DE SERVICE**
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[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **ASPERSEUR AMELIORE**
[72] LO, SHUN-NAN, TW
[73] YUAN MEI CORP., TW
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[54] **EVALUATION AUTOMATISEE DE LA LENTEUR D'ECOULEMENT DES BOUES**
[72] VALERO, HENRI-PIERRE, US
[72] DJIKPESSE, HUGUES A., US
[72] SINHA, BIKASH K., US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **METHOD FOR DISPLAYING INTERSECTION ENLARGEMENT IN NAVIGATION DEVICE**
[54] **PROCEDE POUR AFFICHER UN AGRANDISSEMENT DE CROISEMENT DANS UN DISPOSITIF DE NAVIGATION**
[72] KANG, DAE HYUN, KR
[73] M & SOFT, INC., KR
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[72] SCHIFFRIN, EDUARDO, CH
[73] NESTEC S.A., CH
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[73] LYONDELL CHEMICAL TECHNOLOGY, L.P., US
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[54] **SOUPAPES**
[72] ANDERSON, ROBERT WILLIAM, GB
[72] KENNEDY, NEIL COLIN, GB
[73] ANSON LIMITED, GB
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[25] EN
[54] **METHOD FOR MANUFACTURING AN OBJECT FROM A SANDWICH STRUCTURE HAVING A REINFORCED CORNER AND AN OBJECT OF THIS TYPE**
[54] **PROCEDE DE FABRICATION D'UN OBJET A PARTIR D'UNE STRUCTURE DU TYPE SANDWICH AYANT UN COIN RENFORCE ET OBJET DE CE TYPE**
[72] DE GROOT, MARTIN THEODOOR, NL
[73] FITS HOLDING BV, NL
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[54] **DIFFERENTIAL PRESSURE CONTROL**

[54] **COMMANDE DE PRESSION DIFFERENTIELLE**

[72] HAMKINS, ERIC, US

[72] FLEISCHMANN, STEVE GARY, US

[72] SCHULTZ, MARK, US

[72] RUSSELL, LYNN, US

[72] CADMAN, KRISTEN D., US

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[54] **HEPATIC STELLATE CELL PRECURSORS AND METHODS OF ISOLATING SAME**

[54] **PRECURSEURS DE CELLULES ETOILEES DU FOIE ET PROCEDES D'ISOLEMENT DE CELLES-CI**

[72] KUBOTA, HIROSHI, US

[72] REID, LOLA M., US

[73] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US

[85] 2009-11-25

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[54] **SYSTEME D'ANIMATION AUDIO**

[72] BINYAMIN, MOSHE, IL

[73] E.N.T.T. LTD, IL

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[54] **BRULEUR ET PROCEDE DE GESTION DU FONCTIONNEMENT D'UN BRULEUR**

[72] DEUKER, EBERHARD, DE

[72] GULATI, ANIL, US

[72] HEILLOS, ANDREAS, DE

[73] SIEMENS AKTIENGESSELLSCHAFT, DE

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[54] **METHOD AND DEVICE FOR SURFACE PEENING OF A COMPONENT IN THE REGION OF A PASSAGE OPENING**

[54] **PROCEDE ET DISPOSITIF DE GRENAILLAGE DE SURFACE D'UN COMPOSANT DANS LA ZONE D'UNE OUVERTURE TRAVERSANTE**

[72] BAYER, ERWIN, DE

[72] REESE, EGGERT, DE

[72] STEINWANDEL, JUERGEN, DE

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[54] **COMPOSITION HERBICIDE SYNERGIQUE CONTENANT CERTAINS ACIDES PYRIDINECARBOXYLIQUES OU PYRIMIDINECARBOXYLIQUES ET CERTAINS HERBICIDES POUR CEREALES ET RIZ**

[72] SATCHIVI, NORBERT, US

[72] SCHMITZER, PAUL, US

[72] YERKES, CARLA, US

[72] WRIGHT, TERRY, US

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[54] **DISPOSITIF GENERATEUR D'ENERGIE ELECTRIQUE A PARTIR D'UNE PILE A COMBUSTIBLE ET D'UN ELEMENT THERMOELECTRIQUE**
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[73] KABUSHIKI KAISHA ATSUMITEC, JP
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[54] **SYSTEME DE COMMANDE D'AU MOINS UN ACTIONNEUR DE CAPOTS D'UN INVERSEUR DE POUSSEE POUR TURBOREACTEUR**
[72] MAALIOUNE, HAKIM, FR
[73] AIRCELLE, FR
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[73] QUALCOMM INCORPORATED, US
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[54] **COMPOSITIONS ET PROCEDES DE STOCKAGE DE MICROBES ET ADMINISTRATION ASSOCIEE**
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[72] BRAICO, SALVATORE, US
[73] CONJUGON, INC., US
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[54] **PROCEDE ET SYSTEME DE RAVITAILLEMENT EN VOL DE VEHICULES AERIENS SANS PILOTE**
[72] SMALL, JAMES G., US
[72] DAVIDSON, FREDERICK T., US
[72] GARCIA, CARLOS E., US
[73] RAYTHEON COMPANY, US
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[54] **CATALYSEUR DE POLYCONDENSATION POUR LA FABRICATION D'UN POLYESTER, PROCEDE DE FABRICATION DU CATALYSEUR ET PROCEDE DE FABRICATION DU POLYESTER**
[72] SHIMIZU, HIROMITSU, JP
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[72] LIU, JUN, CA
[72] MCCLINCHEY, SCOTT, CA
[72] LISIECZKO, ZENON, CA
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **MATERIAU REFRACTAIRE ENRICHI EN CALCIUM PAR AJOUT D'UN CARBONATE DE CALCIUM**

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[72] VERMEULEN, YVES C., US

[73] SPECIALTY MINERALS (MICHIGAN) INC., US

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[54] **FORME PROFILEE POUR BRAS DE GRUE**

[72] WIMMER, ECKHARD, AT

[73] PALFINGER AG, AT

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[72] MITCHELL, RORY M., CA

[73] OPTIMIL MACHINERY INC., CA

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[72] GURRISI, PAUL M., US

[72] VERITY, JOHN, US

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[72] GAO, SHIQING, CN

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[73] SHANGHAI YUNSHENG BAMBOO CO., LTD., CN

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METHODS OF MAKING THEM**
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SHARED BY A GROUP OF
MOBILE DEVICES**
[54] **SYSTEME ET METHODE DE
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[72] HUNG, MICHAEL, CA
[72] LITTLE, HERBERT A., CA
[72] BROWN, MICHAEL S., CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE DE NEGOCIATION
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[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE DE GESTION DES
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[72] STOISITS, RICHARD F., US
[72] LUCAS, DAVID C., US
[72] TALLEY, LARRY D., US
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[54] **SUPPORT DE CABLE A FIXATION RIGIDE POUR CANALISATION COMPORTANT AU MOINS TROIS SURFACES LATERALES PLATES**
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[72] GRENNAN, KEVIN, US
[73] DURO DYNE CORPORATION, US
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[54] **PROCEDE, SYSTEME ET APPAREIL DE GESTION DES PIECES JOINTES A DES MESSAGES**
[72] ZHAO, MING, CA
[72] WANG, HONG ALBERT CAI, CA
[72] ARORA, RAKESH KUMAR, CA
[73] BLACKBERRY LIMITED, CA
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[54] **CONFIGURATION D'ENTREPOSAGE A ATMOSPHERE PREREGLABLE**
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[54] **COMPTEUR A GAZ A FERMETURE TELECOMMANDEE**
[72] TURGEON, JOSEPH LEONARD, US
[72] BRADLEY, TOD WALLACE, US
[72] KELLY, JOHN CARLTON, US
[72] KOCHANOWICZ, BRIAN WILLIAM, US
[73] ELSTER AMERICAN METER COMPANY, US
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[54] **SYSTEM AND METHOD FOR LOCATION DETECTION AND MANAGEMENT OF UNCERTAIN INFORMATION THEREOF**
[54] **SYSTEME ET METHODE DE DETECTION D'EMPLACEMENT ET DE GESTION DE L'INFORMATION INCERTAINE CONNEXE**
[72] GRAY, THOMAS A., CA
[72] MIDTUN, JAMES D., US
[73] MITEL NETWORKS CORPORATION, CA
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[25] EN
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[54] **PROCEDE, SYSTEME ET APPAREIL DE STOCKAGE ET DE DISTRIBUTION DE LIQUIDE**
[72] HERBST, ANDREW F., US
[73] HERBST, ANDREW F., US
[73] HUGHES, JACK D., US
[85] 2010-04-27
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[54] **TETRACYCLIC DIPYRANO-COUMARIN COMPOUNDS WITH ANTI-HIV AND ANTI-MYCOBACTERIUM TUBERCULOSIS ACTIVITIES**
[54] **TETRACYCLODIPYRANYL-COUMARINES ET LEURS UTILISATIONS ANTI-VIH ET ANTITUBERCULOSE**
[72] LIU, GANG, CN
[72] XUE, HAI, CN
[72] MA, TAO, CN
[72] CHEN, ZIWEI, CN
[72] WANG, LIN, CN
[73] INSTITUTE OF MATARIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES, CN
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[54] **PRESSURE MANAGEMENT CONTROL VALVE ASSEMBLY**

[54] **ENSEMBLE DE SOUPAPES REGULATRICES DE DISTRIBUTION DE LA PRESSION**

[72] RE, DANIEL, CH

[73] CLA-VAL CO., US

[86] (2704904)

[87] (2704904)

[22] 2010-05-20

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[30] US (12/782,236) 2010-05-18

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[25] EN

[54] **METHOD AND SYSTEM FOR MODIFYING ROUTING INFORMATION ASSOCIATED TO A PARTY**

[54] **PROCEDE ET SYSTEME POUR MODIFIER DES INFORMATIONS DE ROUTAGE ASSOCIEES A UN CORRESPONDANT**

[72] ARSENAULT, JONATHAN ALLAN, CA

[72] MERCIER, DENIS, CA

[72] WOLF, ERIC JOHN, CA

[73] BCE INC., CA

[85] 2010-05-27

[86] 2007-12-27 (PCT/CA2007/002364)

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[25] FR

[54] **RIGID CONTAINER FOR FOOD INCLUDING FISH**

[54] **CONTENEUR RIGIDE DE DENREES ALIMENTAIRES COMPRENANT DU POISSON**

[72] RONSIN, BENOIT, FR

[72] NAULEAU, CHRISTINE, FR

[72] MUCKENSTURM, ERIC, FR

[72] OLIVIERI, ALAIN, FR

[73] ETABLISSEMENTS PAUL PAULET, FR

[85] 2010-06-04

[86] 2008-12-04 (PCT/FR2008/052207)

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[11] **2,708,603**
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[54] **METHOD AND APPARATUS FOR STENTING**

[54] **PROCEDE ET APPAREIL POUR LA POSE DE DRAINS TUTEURS**

[72] RICHTER, YORAM, IL

[72] EDELMAN, ELAZER, US

[73] MEDINOL, LTD., IL

[86] (2708603)

[87] (2708603)

[22] 2002-03-13

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[30] US (60/275,419) 2001-03-13

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[54] **HANDLE DEVICE**

[54] **DISPOSITIF DE POIGNEE**

[72] CALLEBERG, JOHAN, SE

[73] ASSA OEM AB, SE

[85] 2010-06-17

[86] 2008-12-18 (PCT/SE2008/051506)

[87] (WO2009/078800)

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[54] **2-METHYLENE-20-METHYL-19,24,25,26,27-PENTANOR-VITAMIN D ANALOGS**

[54] **DERIVES D'ANALOGUES DE VITAMINE D 2-METHYLENE-20-METHYL-19,24,25,26,27-PENTANOR**

[72] DELUCA, HECTOR F., US

[72] CLAGETT-DAME, MARGARET, US

[72] PLUM, LORI A., US

[72] GLEBOCKA, AGNIESZKA, US

[72] SICINSKI, RAFAL R., PL

[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US

[85] 2010-06-28

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[54] **MILLIMETER WAVE POWER CONVERSION**

[54] **CONVERSION DE PUISSANCE D'ONDE MILLIMETRIQUE**

[72] HARDACKER, ROBERT L., US

[73] SONY CORPORATION, JP

[73] SONY ELECTRONICS INC., US

[85] 2010-07-05

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[54] **CENTRIFUGAL COMPRESSOR ASSEMBLY AND METHOD**
[54] **ENSEMBLE COMPRESSEUR CENTRIFUGE ET PROCEDE**
[72] HALEY, PAUL F., US
[72] JAMES, RICK T., US
[73] TRANE INTERNATIONAL, INC., US
[85] 2010-07-21
[86] 2009-02-20 (PCT/US2009/034612)
[87] (WO2009/105598)
[30] US (12/034,594) 2008-02-20

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[51] **Int.Cl. G01R 31/327 (2006.01) H02H 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TESTING AFCI DEVICE FOR SERIES ARC DETECTION**
[54] **PROCEDE ET APPAREIL D'ESSAI DE DISPOSITIF AFCI POUR UNE DETECTION D'ARC SERIE**
[72] KINSEL, HUGH T., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2010-07-22
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[87] (WO2009/094151)
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[30] US (12/356,620) 2009-01-21

[11] **2,713,239**
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[51] **Int.Cl. C08F 10/02 (2006.01) C08F 2/00 (2006.01) C08F 2/34 (2006.01) C08F 4/69 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FABRICATING POLYOLEFINS**
[54] **SYSTEMES ET PROCEDES POUR FABRIQUER DES POLYOLEFINES**
[72] EISINGER, RONALD S., US
[72] GOODE, MARK G., US
[73] UNIVATION TECHNOLOGIES, LLC., US
[85] 2009-08-12
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[25] EN
[54] **METHODS AND DEVICES FOR DISPLAYING AN OVERLAY ON A DEVICE DISPLAY SCREEN**
[54] **METHODES ET DISPOSITIFS AFFICHANT UN RECOUVREMENT SUR UN ECRAN D'AFFICHAGE**
[72] SAUNDERS, CHRISTOPHER O'BYRNE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2714221)
[87] (2714221)
[22] 2010-09-01
[30] EP (09170416.3) 2009-09-16

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[54] **IMPLEMENT HAVING A REACTION AND DELIVERY SYSTEM**
[54] **OUTIL MUNI D'UN SYSTEME DE REACTION ET DISTRIBUTION**
[72] KEMP, JAMES H., US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2010-08-10
[86] 2008-05-06 (PCT/US2008/062777)
[87] (WO2009/136911)

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[13] C

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[25] EN
[54] **THIRD PARTY INFORMATION TRANSFER**
[54] **METHODE DE TRANSFERT DE DONNEES D'UNE TIERCE PARTIE**
[72] HELLMAN, BRETT ALEXANDER, US
[72] ROBERTS, TERESA LYNN, US
[72] ILKAL, NADEEM MOHAMMED YUSUF, US
[72] RIDGE, JASON PAUL, US
[72] RICE, MATTHEW GLEN, US
[72] PAN, ERIC YOUNG, US
[72] WOLFE, JEFFREY M., US
[73] INTUIT INC., US
[86] (2716420)
[87] (2716420)
[22] 2010-10-04
[30] US (12/873,214) 2010-08-31

[11] **2,716,638**
[13] C

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[25] EN
[54] **RIGID GRILL STRUCTURE**
[54] **STRUCTURE DE GRIL RIGIDE**
[72] BRUNO, ADRIAN A., US
[72] CHOI, CHARLES, US
[72] SIAZON, SONNY, US
[73] WEBER-STEPHEN PRODUCTS CO., US
[86] (2716638)
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[54] **AUTOMATIC DETERGENT DISHWASHING COMPOSITION**

[54] **COMPOSITION DETERGENTE POUR LAVE-VAISSELLE**

[72] DIRR, PENNY SUE, US

[72] CASE, CORRINE NICHOL, US

[72] PERRY, KATHLEEN ANNE, US

[72] BEGLEY, PAMALA GAIL, US

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2010-09-14

[86] 2009-03-06 (PCT/IB2009/050946)

[87] (WO2009/112992)

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[30] US (61/192,480) 2008-09-18

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[13] C

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[54] **PROCESS FOR SYNTHETIC LUBRICANT PRODUCTION**

[54] **PROCEDE DE PRODUCTION DE LUBRIFIANT SYNTHETIQUE**

[72] PATIL, ABHIMANYU O., US

[72] YANG, NORMAN, US

[72] WU, MARGARET M., US

[73] EXXONMOBIL CHEMICAL PATENTS INC., US

[85] 2010-09-17

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[87] (WO2009/117110)

[30] US (61/069,826) 2008-03-18

[11] **2,719,192**
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[54] **COMPOSITE LAMINATE WITH SELF-HEALING LAYER**

[54] **STRATIFIE COMPOSITE A COUCHE AUTO-REGENERANTE**

[72] COSENTINO, ENZO, GB

[73] AIRBUS UK LIMITED, GB

[85] 2010-09-21

[86] 2009-04-02 (PCT/GB2009/050330)

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[25] EN

[54] **AZOPYRIDONE DISPERSE DYES, THEIR PREPARATION AND USE**

[54] **COLORANTS DISPERSES D'AZOPYRIDONE, LEUR FABRICATION ET LEUR UTILISATION**

[72] NEUBAUER, STEFAN, DE

[73] DYSTAR COLOURS DISTRIBUTION GMBH, DE

[85] 2010-09-22

[86] 2009-03-18 (PCT/EP2009/053174)

[87] (WO2009/118260)

[30] DE (10 2008 015 570.5) 2008-03-25

[11] **2,720,229**
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[51] **Int.Cl. C07D 403/04 (2006.01) C07D 403/02 (2006.01)**

[25] EN

[54] **HETEROCYCLIC COMPOUNDS**

[54] **COMPOSES HETEROCYCLIQUES**

[72] YEN, CHI-FENG, TW

[72] HU, CHENG-KUNG, TW

[72] HUANG, CHANG-PIN, TW

[72] HUANG, YING-HUEY, TW

[72] HAKIMELAHI, GHOLAM HOSSEIN, CA

[72] KING, CHI-HSIN RICHARD, US

[73] TAIGEN BIOTECHNOLOGY CO., LTD., TH

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[51] **Int.Cl. G01N 33/53 (2006.01)**

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[54] **SELF-CALIBRATING GRADIENT DILUTION IN A CONSTITUENT ASSAY AND GRADIENT DILUTION APPARATUS PERFORMED IN A THIN FILM SAMPLE**

[54] **DILUTION A GRADIENT AUTO-ETALONNE DANS UNE DETERMINATION DE CONSTITUANTS ET APPAREIL DE DILUTION A GRADIENT DANS UN ECHANTILLON EN FILM MINCE**

[72] WARDLAW, STEPHEN C., US

[72] LEVINE, ROBERT A., US

[73] ABBOTT POINT OF CARE, INC., US

[85] 2010-09-29

[86] 2009-04-02 (PCT/US2009/039297)

[87] (WO2009/124186)

[30] US (61/041,784) 2008-04-02

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[25] EN

[54] **MOBILE STATION AND RADIO BASE STATION**

[54] **STATION MOBILE ET STATION DE BASE RADIO**

[72] ABETA, SADAYUKI, JP

[72] ISHII, HIROYUKI, JP

[73] NTT DOCOMO, INC., JP

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[25] EN

[54] **FABRIC SOFTENING LAUNDRY DETERGENTS WITH GOOD STABILITY**

[54] **DETERGENTS A LESSIVE ASSOUPPLISSEURS DE TISSU PRESENTANT UNE BONNE STABILITE**

[72] GUYOT, RAPHAEL EMMANUEL, JP

[72] TOSSAVAINEN, MARKO TAPIO, BE

[72] JENNEWAIN, MARC, BE

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2010-10-08

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[30] US (61/056,588) 2008-05-28

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[25] EN

[54] **SIGNAL OPERATED TOOLS FOR MILLING, DRILLING, AND/OR FISHING OPERATIONS**

[54] **OUTILS ACTIONNES PAR SIGNAL, POUR DES OPERATIONS DE BROYAGE, DE FORAGE ET/OU DE REPECHAGE**

[72] REDLINGER, THOMAS M., US

[72] KOITHAN, THOMAS, US

[72] VREELAND, CHRISTOPHER M., US

[72] HEISKELL, WES, US

[72] ANTOINE, ANDREW, US

[72] MCINTIRE, SCOTT, US

[73] WEATHERFORD/LAMB, INC., US

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[25] EN

[54] **ANTISAPSTAIN COMPOSITIONS COMPRISING A HALOALKYNYL COMPOUND, AN AZOLE AND AN UNSATURATED ACID**

[54] **COMPOSITIONS ANTI-TACHE DE SEVE COMPRENANT UN COMPOSE HALOALCYNYLE, UN AZOLE ET UN ACIDE INSATURE**

[72] WARBURTON, PAUL STUART, GB

[72] MASON, LEE, GB

[72] HUGHES, ANDREW STEWART, GB

[73] ARCH TIMBER PROTECTION LIMITED, GB

[85] 2010-10-28

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[87] (WO2009/133374)

[30] GB (0807905.5) 2008-04-30

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[13] C

[51] **Int.Cl. G06F 17/50 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DESIGN, PROCUREMENT AND MANUFACTURING COLLABORATION**

[54] **SYSTEME ET PROCEDE CONCU POUR LA CONCEPTION, L'ACQUISITION ET LA FABRICATION COLLABORATIVES**

[72] BRATHWAITE, NICHOLAS E., US

[72] BOMMAKANTI, RAM GOPAL, US

[72] GANAPATHY, VISVANATHAN, US

[72] BURNS, PAUL N., US

[72] MADDOX, DOUGLAS EDWARD, US

[72] DURKAN, MICHAEL ANTHONY, IE

[73] FLEXTRONICS AP, LLC, US

[86] (2723329)

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[13] C

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[25] EN

[54] **METHOD FOR IDENTIFYING RECEIVER IN HEARING AID**

[54] **PROCEDE D'IDENTIFICATION D'UN RECEPTEUR DANS UNE PROTHESE AUDITIVE**

[72] KROMAN, MORTEN, DK

[73] WIDEX A/S, DK

[85] 2009-12-11

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[11] **2,724,101**
[13] C

[51] **Int.Cl. F16M 11/24 (2006.01) F21L 2/00 (2006.01)**

[25] EN

[54] **COLLAPSIBLE PORTABLE STAND WITH TELESCOPING SUPPORT AND INTEGRAL STORAGE CASE**

[54] **SOCLE PORTABLE REPLIABLE AVEC SUPPORT TELESCOPIQUE ET BOITIER DE RANGEMENT INTEGREE**

[72] INTRAVATOLA, LAWRENCE SHANE, US

[73] AIR SYSTEMS, INC. DBA AIR SYSTEMS INTERNATIONAL, INC., US

[85] 2010-11-10

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[30] US (12/432,525) 2009-04-29

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[25] EN
[54] **ROLLING MILL STAND AND RELATED ROLLING MILL FOR LONGITUDINALLY ROLLING ROD-SHAPED BODIES**
[54] **CAGE DE LAMINOIR ET LAMINOIR ASSOCIE POUR LAMINER LONGITUDINALEMENT DES CORPS EN FORME DE TIGE**
[72] CERNUSCHI, ETTORE, IT
[72] MARINI, FABRIZIO, IT
[72] BERTELLI, ARISTIDE GIACOMO, IT
[73] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT
[85] 2010-11-15
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[87] (WO2009/141414)
[30] IT (MI2008A00947) 2008-05-22

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[13] C

[51] **Int.Cl. F16L 23/10 (2006.01)**
[25] EN
[54] **CLAMP CONNECTOR FOR CLAMPING TOGETHER CONNECTING PIECES ON PIPELINES**
[54] **DISPOSITIF DE SERRAGE POUR FIXER PAR SERRAGE DES TUBULURES DE RACCORDEMENT A DES CONDUITES**
[72] HANSEN, BERND, DE
[73] HANSEN, BERND, DE
[85] 2010-11-17
[86] 2009-04-17 (PCT/EP2009/002826)
[87] (WO2009/146764)
[30] DE (10 2008 026 563.2) 2008-06-03

[11] **2,725,024**
[13] C

[51] **Int.Cl. E21B 7/20 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **DIVERTING SYSTEM AND METHOD OF RUNNING A TUBULAR**
[54] **SYSTEME DE DEVIATION ET METHODE DE DESCENTE D'UN TUBE**
[72] CARMODY, MICHAEL A., US
[72] JOHNSON, JOHN J., US
[72] PENDLETON, BRYAN P., US
[72] ROACH, JOHN P., US
[72] SHEEHAN, JOSEPH, US
[72] SPONCHIA, BARTON, US
[72] ZWEIFEL, THOMAS J., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2725024)
[87] (2725024)
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[11] **2,725,294**
[13] C

[51] **Int.Cl. E04B 1/62 (2006.01) E04B 1/80 (2006.01)**
[25] EN
[54] **STARTER COURSE FOR EXTERIOR INSULATION PANELS**
[54] **PIECE DE DEPART POUR PANNEAUX ISOLANTS EXTERIEURS**
[72] BAO, RAFAEL, CA
[73] 9171-6803 QUEBEC INC., CA
[86] (2725294)
[87] (2725294)
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[11] **2,725,804**
[13] C

[51] **Int.Cl. H04B 10/25 (2013.01) H04J 14/00 (2006.01) H04L 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OCDMA-BASED PHOTONIC LAYER SECURITY ROBUSTNESS TO ARCHIVAL ATTACK**
[54] **SYSTEME ET PROCEDE DESTINES A AMELIORER LA RESISTANCE DE SECURITE DE COUCHES PHOTONIQUES A MULTIPLEXAGE OPTIQUE A REPARTITION PAR CODES A DES ATTAQUES D'ARCHIVAGE**
[72] ETEMAD, SHAHAB, US
[72] BANWELL, THOMAS, US
[72] JACKEL, JANET, US
[72] MENENDEZ, RONALD, US
[72] TOLIVER, PAUL, US
[73] TELCORDIA TECHNOLOGIES, INC., US
[85] 2010-11-25
[86] 2009-06-26 (PCT/US2009/048877)
[87] (WO2010/033286)
[30] US (61/075,979) 2008-06-26

[11] **2,725,958**
[13] C

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[54] **STATOR TO HOUSING LOCK IN A PROGRESSING CAVITY PUMP**
[54] **DISPOSITIF DE BLOCAGE DU STATOR CONTRE LE CARTER DANS UNE POMPE A ROTOR HELICOIDAL EXCENTRE**
[72] WILBOURN, PHILLIP R., US
[72] COLLIE, CHARLES C., US
[72] DALRYMPLE, LARRY V., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2725958)
[87] (2725958)
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[54] **FILING DIGITAL IMAGES USING VOICE INPUT**

[54] **CLASSEMENT D'IMAGES NUMERIQUES UTILISANT LA SAISIE VOCALE**

[72] BOS, JEFFREY CHARLES, CA
[72] KRAMER, KEM-LAURIN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2726391)
[87] (2726391)
[22] 2010-12-23
[30] EP (09180945.9) 2009-12-30

[11] **2,726,579**
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[54] **NOVEL URACIL COMPOUND OR SALT THEREOF HAVING HUMAN DEOXYURIDINE TRIPHOSPHATASE INHIBITORY ACTIVITY**

[54] **NOUVEAU COMPOSE URACILE AYANT UNE ACTIVITE INHIBITRICE SUR LA DESOXYURIDINE TRIPHOSPHATASE HUMAINE OU UN SEL DE CELLE-CI**

[72] FUKUOKA, MASAYOSHI, JP
[72] YOKOGAWA, TATSUSHI, JP
[72] MIYAHARA, SEIJI, JP
[72] MIYAKOSHI, HITOSHI, JP
[72] YANO, WAKAKO, JP
[72] TAGUCHI, JUNKO, JP
[72] TAKAO, YAYOI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2010-12-01
[86] 2009-06-02 (PCT/JP2009/002481)
[87] (WO2009/147843)
[30] JP (2008-146334) 2008-06-03

[11] **2,726,791**
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[54] **HYBRID CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE HYBRIDE**

[72] DOOLEY, KEVIN ALLAN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2726791)
[87] (2726791)
[22] 2011-01-05
[30] US (12/713868) 2010-02-26

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[25] EN

[54] **SIGNALING RESERVED FOR HYBRID AUTOMATIC REPEAT REQUEST INFORMATION FOR DOWNLINK SEMI-PERSISTENT SCHEDULING**

[54] **TITLE SIGNALISATION RESERVEE AUX DEMANDES D'INFORMATION HYBRIDES REPETITIVES POUR LA PROGRAMMATION D'UNE LIAISON DESCENDANTE SEMI PERMANENTE**

[72] CAI, ZHIJUN, US
[72] YU, YI, US
[72] WOMACK, JAMES, US
[72] SUZUKI, TAKASHI, JP
[73] BLACKBERRY LIMITED, CA
[85] 2010-12-03
[86] 2009-06-05 (PCT/US2009/046469)
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[30] US (61/059,490) 2008-06-06

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[25] EN

[54] **MELANOCORTIN RECEPTOR-SPECIFIC PEPTIDES FOR TREATMENT OF SEXUAL DYSFUNCTION**

[54] **PEPTIDES SPECIFIQUES DU RECEPTEUR DE MELANOCORTINE POUR LE TRAITEMENT D'UN DYSFONCTIONNEMENT SEXUEL**

[72] SHI, YI-QUN, US
[72] SHARMA, SHUBH D., US
[72] YANG, WEI, US
[72] CHEN, XIN, US
[73] PALATIN TECHNOLOGIES, INC., US
[85] 2010-12-08
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[13] C

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[25] EN

[54] **WIRELESS COMMUNICATIONS NETWORK AND METHOD FOR ENABLING WIRELESS PRESENCE-BASED SERVICES**

[54] **RESEAU DE COMMUNICATION SANS FIL ET PROCEDE POUR PERMETTRE DES SERVICES SANS FIL BASES SUR LA PRESENCE**

[72] OPRESCU-SURCOBE, VALENTIN, US
[72] SAYEEDI, SHAHAB M., US
[73] MOTOROLA MOBILITY, INC., US
[86] (2727732)
[87] (2727732)
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[25] EN
[54] **DOWNHOLE POWER GENERATOR AND METHOD**
[54] **GENERATEUR D'ELECTRICITE EN FOND DE TROU ET PROCEDE**
[72] WHITE, BILLY W., US
[73] ROBBINS & MYERS ENERGY SYSTEMS L.P., US
[85] 2010-12-22
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[30] US (12/167,003) 2008-07-02

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[25] EN
[54] **REINFORCED CARTON WITH RECLOSABLE LID**
[54] **CARTON RENFORCE AVEC COUVERCLE REFERMABLE**
[72] FITZWATER, KELLY R., US
[72] CONATSER, ROBERT L., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[86] (2729513)
[87] (2729513)
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[62] 2,648,676
[30] US (60/790,648) 2006-04-10

[11] **2,729,864**

[13] C

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[54] **DIELECTRIC ISOLATORS**
[54] **ISOLATEURS DIELECTRIQUES**
[72] BREAY, CLIFTON P., US
[72] PFANNENSTIEL, SARA D., US
[72] MATTHEWS, STEPHEN C., US
[72] BRYANT, EDWARD W., S., US
[73] EATON CORPORATION, US
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[86] 2009-07-01 (PCT/IB2009/006144)
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[13] C

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[25] EN
[54] **NOX REMOVAL CATALYST FOR HIGH-TEMPERATURE FLUE GAS, MANUFACTURING METHOD THEREOF, AND NOX REMOVAL METHOD FOR HIGH-TEMPERATURE FLUE GAS**
[54] **CATALYSEUR POUR ELIMINER LES NOX DE GAZ DE CHEMINEE A HAUTE TEMPERATURE, METHODE DE PRODUCTION DE CELUI-CI ET METHODE POUR ELIMINER LES NOX DE GAZ DE CHEMINEE A HAUTE TEMPERATURE**
[72] NOCHI, KATSUMI, JP
[72] YASUTAKE, TOSHINOBU, JP
[72] YONEMURA, MASANAO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2011-02-09
[86] 2009-10-06 (PCT/JP2009/067414)
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[11] **2,730,403**

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[25] EN
[54] **COMBINED GNSS AND GYROSCOPE CONTROL SYSTEM AND METHOD**
[54] **SYSTEME DE COMMANDE DE GYROSCOPE GNSS COMBINE ET PROCEDE**
[72] WHITEHEAD, MICHEAL L., US
[72] MCCLURE, JOHN A., US
[72] FELLER, WALTER J., CA
[73] HEMISPHERE GNSS INC., CA
[85] 2011-01-11
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[30] US (12/171,399) 2008-07-11

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[25] EN
[54] **FILTER ELEMENTS; AIR CLEANER; ASSEMBLY; AND, METHODS**
[54] **ELEMENTS FILTRANTS, PURIFICATEUR D'AIR, ENSEMBLE, ET PROCEDES**
[72] KRISKO, WILLIAM J., US
[72] BISHOP, WAYNE R. W., US
[72] GIESEKE, STEVEN SCOTT, US
[72] FINNERTY, CAROLYN J., US
[72] NELSON, DAVID W., US
[73] DONALDSON COMPANY, INC., US
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[87] (2730549)
[22] 2003-04-03
[62] 2,480,740
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[11] **2,732,039**

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- [51] **Int.Cl. B60S 3/06 (2006.01) A46B 13/00 (2006.01)**
[25] EN
[54] **IMPROVED CLEANING BLADE STRIP ELEMENT FOR MAKING MOTOR VEHICLE WASHING SYSTEM ROTARY BRUSH ASSEMBLIES**
[54] **ELEMENT DE BANDE DE BALAI DE NETTOYAGE AMELIORE POUR LA FABRICATION D'ENSEMBLES BROSSES ROTATIVES POUR SYSTEME DE LAVAGE DE VEHICULES A MOTEUR**
[72] FAVAGROSSA, FRANCESCO, IT
[73] FAVAGROSSA EDOARDO S.R.L., IT
[85] 2011-01-25
[86] 2009-07-24 (PCT/IT2009/000329)
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[54] **HEATED SHAVING RAZOR**
[54] **RASOIR A ELEMENT**
CHAUFFANT
[72] GESTER, MATTHIAS, GB
[72] HART, ROBERT ANTHONY, GB
[73] THE GILLETTE COMPANY, US
[85] 2011-02-04
[86] 2009-08-05 (PCT/US2009/052772)
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[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K**
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[25] EN
[54] **BRACHYTHERAPY SEED WITH**
FAST DISSOLVING MATRIX FOR
OPTIMAL DELIVERY OF
RADIONUCLIDES TO CANCER
TISSUE
[54] **GRAIN DE CURIETHERAPIE**
POURVU D'UNE MATRICE A
DISSOLUTION RAPIDE POUR
UNE ADMINISTRATION
OPTIMALE DE
RADIONUCLEOTIDES A UN
TISSU CANCEREUX
[72] FISHER, DARRELL R., US
[72] BAE, YOU HAN, US
[72] GAO, ZHONGGAO, US
[73] BATTELLE MEMORIAL INSTITUTE,
US
[73] UNIVERSITY OF UTAH RESEARCH
FOUNDATION, US
[85] 2011-02-10
[86] 2009-09-02 (PCT/US2009/055738)
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[30] US (12/202,954) 2008-09-02
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[13] C

[51] **Int.Cl. A61K 8/362 (2006.01) A61K**
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(2006.01)
[25] EN
[54] **CHEMICAL COMPOSITION FOR**
SKIN CARE FORMULATIONS
[54] **COMPOSITION CHIMIQUE POUR**
DES PREPARATIONS DE SOIN DE
LA PEAU
[72] GRASCHA, PIERRE BRUNO, FR
[72] BATTUT, MYLENE, FR
[73] PIBED LIMITED, GB
[85] 2011-02-11
[86] 2009-08-14 (PCT/GB2009/001997)
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[30] US (12/222.803) 2008-08-15

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[51] **Int.Cl. B64F 5/00 (2006.01) B64C 3/00**
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C09J 175/04 (2006.01)
[25] EN
[54] **METHOD FOR COVERING LIGHT**
AIRCRAFT
[54] **PROCEDE D'ENTOILAGE**
D'AVIONS LEGRS
[72] LANITZ, SIEGFRIED, DE
[73] LANITZ, SIEGFRIED, DE
[85] 2011-02-15
[86] 2009-09-15 (PCT/EP2009/006923)
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[30] DE (10 2008 048 400.8) 2008-09-18

[11] **2,734,701**
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[54] **DRIVE CIRCUIT OF POWER**
SEMICONDUCTOR DEVICE
[54] **CIRCUIT D'ATTAQUE POUR UN**
ELEMENT A SEMI-
CONDUCTEURS DE PUISSANCE
[72] NAKAYAMA, YASUSHI, JP
[72] NAKAGAWA, RYOSUKE, JP
[73] MITSUBISHI ELECTRIC
CORPORATION, JP
[85] 2011-02-17
[86] 2009-07-22 (PCT/JP2009/003419)
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[30] JP (2008-212614) 2008-08-21

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[13] C

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25/00 (2006.01) F02C 7/00 (2006.01)
F23R 3/28 (2006.01)
[25] EN
[54] **MULTI PASSAGE FUEL**
MANIFOLD AND METHODS OF
CONSTRUCTION
[54] **COLLECTEUR DE CARBURANT A**
PASSAGES MULTIPLES ET
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[72] HOUTMAN, KENNETH N., US
[72] LEE, FEI PHILIP, US
[73] WOODWARD, INC., US
[85] 2011-02-25
[86] 2009-07-23 (PCT/US2009/051556)
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[30] US (12/200,039) 2008-08-28

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[13] C

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[54] **ANCRAGE DE SUTURE CANULE**
[72] CAULDWELL, NATHAN, US
[72] WOLF, EUGENE, US
[72] HOWE, JONATHAN EMERSON, US
[73] DEPUY MITEK, INC., US
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[13] C

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[54] **AUDIO CODING SYSTEM USING CHARACTERISTICS OF A DECODED SIGNAL TO ADAPT SYNTHESIZED SPECTRAL COMPONENTS**
[54] **SYSTEME DE CODAGE AUDIO UTILISANT DES CARACTERISTIQUES D'UN SIGNAL DECODE POUR ADAPTER DES COMPOSANTS SPECTRAUX SYNTHETISES**
[72] DAVIDSON, GRANT ALLEN, US
[72] TRUMAN, MICHAEL MEAD, US
[72] FELLERS, MATTHEW CONRAD, US
[72] VINTON, MARK STUART, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[86] (2736060)
[87] (2736060)
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[62] 2,489,443
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[13] C

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[25] EN
[54] **VOICE DIALOG SYSTEM WITH REJECT AVOIDANCE PROCESS**
[54] **SYSTEME DE DIALOGUE VOCAL UTILISANT UN PROCEDE ANTI-REJET**
[72] MARKEFKA, GUNTBERT, DE
[72] LIEDKE, KLAUS DIETER, DE
[73] DEUTSCHE TELEKOM AG, DE
[85] 2011-03-07
[86] 2009-08-06 (PCT/EP2009/005704)
[87] (WO2010/028723)
[30] DE (10 2008 046 431.7) 2008-09-09

[11] **2,736,491**
[13] C

- [51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REMOTELY DISPLAYING LIST OF ITEMS BASED UPON LIST SIZE AND DISPLAY CHARACTERISTICS**
[54] **PROCEDE ET APPAREIL POUR AFFICHER A DISTANCE UNE LISTE PAR DETERMINATION D'UNE QUANTITE DE DONNEES A ENVOYER EN FONCTION DE LA TAILLE DE LISTE ET DE LA TAILLE DE REGLAGE DE L'AFFICHAGE**
[72] KLAWITTER, PAUL T., US
[72] GALLAGHER, ROBERT S., US
[72] JOHNSON, DAVID M., US
[73] APPLIED SYSTEMS, INC., US
[85] 2011-03-08
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[30] US (12/207,436) 2008-09-09

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[13] C

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[25] EN
[54] **PEST CONTROL FOR BURROWING ANIMALS**
[54] **METHODE ET APPAREIL DE LUTTE CONTRE LES ANIMAUX NUISIBLES FOUISSEURS**
[72] PASK, MURRAY, CA
[72] HALFORD, JAMES W., CA
[73] PASK, MURRAY, CA
[86] (2736999)
[87] (2736999)
[22] 2011-04-01
[30] US (61/320,030) 2010-04-01

[11] **2,737,002**
[13] C

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[54] **FLUSH VALVE AND VACUUM GENERATOR FOR VACUUM WASTE SYSTEM**
[54] **SOUPAPE DE VIDANGE ET GENERATEUR DE VIDE POUR SYSTEME DE DECHETS A VIDE**
[72] HOANG, THAO, US
[72] PONDELICK, MARK A., US
[72] HARDWICK, CHRISTOPHER, US
[72] WHITT, ROBIN, US
[72] KING, GREG, US
[73] B/E AEROSPACE, INC., US
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[11] **2,737,782**
[13] C

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[54] **EXPANSION OF EXTRUDED CEREALS WITH GOOD SOURCE OF FIBER**
[54] **EXPANSION DE CEREALES EXTRUDEES AVEC UNE BONNE SOURCE DE FIBRES**
[72] CHATEL, ROBERT E., US
[72] MUI, SANDY, US
[72] FRENCH, JUSTIN A., US
[73] THE QUAKER OATS COMPANY, US
[85] 2011-03-18
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[25] EN
[54] **ISOLATION SYSTEM FOR DRILLING SYSTEMS**
[54] **SYSTEME D'ISOLATION POUR SYSTEMES DE FORAGE**
[72] OOTHOUTD, THOMAS J., US
[72] ABLE, ROBERT EUGENE, US
[73] LONGYEAR TM, INC., US
[85] 2011-04-13
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[54] **IDENTIFICATION OF TOUCH POINT ON TOUCH SCREEN DEVICE**
[54] **IDENTIFICATION DE POINT TACTILE SUR UN ECRAN TACTILE**
[72] IBDAH, ABDALLAH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2740703)
[87] (2740703)
[22] 2011-05-24
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[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR HEATING A SALES TANK**
[54] **PROCEDE ET APPAREIL DE CHAUFFAGE DE RESERVIOR**
[72] CLARKE, KEVIN, CA
[73] NEWCO TANK CORP., CA
[86] (2741581)
[87] (2741581)
[22] 2011-05-26

[11] **2,741,876**
[13] C

[51] **Int.Cl. C10C 3/00 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING A BITUMEN STREAM USING A MEMBRANE**
[54] **PROCEDE DE TRAITEMENT DE CHARGE D'ALIMENTATION DE BITUME A L'AIDE D'UNE MEMBRANE**
[72] DUNN, JAMES A., CA
[72] SPEIRS, BRIAN C., CA
[72] SARKAR, AMITAVA, CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2741876)
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[25] EN
[54] **EXTERIOR WALL FINISHING ARRANGEMENT**
[54] **DISPOSITION POUR LA FINITION D'UN MUR EXTERIEUR**
[72] AMEND, VICTOR, CA
[73] AMEND, VICTOR, CA
[86] (2743964)
[87] (2743964)
[22] 2011-06-22
[30] US (13/164,913) 2011-06-21

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[54] **BALL NOSE END MILL AND INSERT**
[54] **FRAISE A QUEUE A BOUT SPHERIQUE ET INSERT**
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[72] BIGGS, TRAVIS J., US
[73] GREENLEAF TECHNOLOGY CORPORATION, US
[85] 2011-05-24
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[54] **VIAL BREAKER**
[54] **MECANISME POUR CASSER LES FIOLES**
[72] VOGT, SEBASTIAN, DE
[72] BUCHNER, HUBERT, DE
[73] HERAEUS MEDICAL GMBH, DE
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[22] 2011-06-30
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[54] **PLATE-LIKE SEPARATOR FOR SEPARATING LIQUIDS FROM A GAS STREAM**
[54] **SEPARATEUR EN FORME DE PLAQUE SERVANT A EXTRAIRE DES LIQUIDES D'UN FLUX DE GAZ**
[72] MUELLER, AXEL, DE
[72] RENTSCHLER, SVEN, DE
[73] RENTSCHLER REVEN-LUFTUNGSSYSTEME GMBH, DE
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[54] **PAY-OUT AND TAKE-UP DEVICE FOR TIGHTENER**
[54] **DISPOSITIF DE DEVIDOIR ET ENROULEMENT POUR UN OUTIL DE SERRAGE**
[72] RUAN, BUQIN, CN
[73] ZHEJIANG TOPSUN LOGISTIC CONTROL CO., LTD., CN
[85] 2011-06-02
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[54] **CRYPTAGE PARTIEL DE MODELE DE DONNEES EN ETOILE**
[72] CANDELORE, BRANT L., US
[72] DEROVANESSIAN, HENRY, US
[72] PEDLOW, LEO M., JR., US
[73] SONY ELECTRONICS INC., US
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[30] US (10/038,032) 2002-01-02
[30] US (10/038,217) 2002-01-02
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[13] C

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[25] EN
[54] **RADIATION POWER LEVEL CONTROL SYSTEM AND METHOD FOR A WIRELESS COMMUNICATION DEVICE BASED ON A TRACKED RADIATION HISTORY**
[54] **SYSTEME DE COMMANDE DU NIVEAU DE PUISSANCE DE RAYONNEMENT POUR UN DISPOSITIF DE COMMUNICATIONS SANS FIL BASE SUR LE DOSSIER HISTORIQUE DU SUIVI DE RAYONNEMENTS**
[72] WILSON, KELCE STEVEN, US
[72] WOMACK, JAMES EARL, US
[72] ALI, SHIROOK M., CA
[72] PERIYALWAR, SHALINI SURESH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2746881)
[87] (2746881)
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[25] EN
[54] **ROCK ANCHOR**
[54] **ANCRE POUR LA ROCHE**
[72] EIGEMANN, ERNST, DE
[73] MINOVA CARBOTECH GMBH, DE
[85] 2011-06-16
[86] 2009-12-21 (PCT/IB2009/007850)
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[25] EN
[54] **STABILIZED DYNAMICALLY VULCANIZED THERMOPLASTIC ELASTOMER COMPOSITIONS USEFUL IN FLUID BARRIER APPLICATIONS**
[54] **COMPOSITIONS D'ELASTOMERE THERMOPLASTIQUE VULCANISE DYNAMIQUEMENT STABILISEES, UTILES DANS DES APPLICATIONS DE BARRIERE CONTRE DES FLUIDES**
[72] BLOK, EDWARD JOHN, US
[72] HARRINGTON, BRUCE ALAN, US
[72] HARA, YUICHI, JP
[72] TOMOI, SHUSAKU, JP
[73] EXXONMOBIL CHEMICAL PATENTS, INC., US
[73] THE YOKOHAMA RUBBER CO., LTD, JP
[85] 2011-06-17
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION OF LYOPHILIZED FORMULATION AND PREPARATION METHOD OF THE SAME**
[54] **COMPOSITION PHARMACEUTIQUE D'UNE FORMULE LYOPHILISEE ET SA METHODE D'ELABORATION**
[72] SEO, MIN HYO, KR
[72] LEE, SANG JUN, KR
[73] SAMYANG BIOPHARMACEUTICALS CORPORATION, KR
[85] 2011-06-23
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[87] (WO2010/077045)
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[13] C

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[25] EN
[54] **PIPE HANDLING APPARATUS WITH ARM STIFFENING**
[54] **APPAREIL DE MANIPULATION DE TUYAUX AYANT UN BRAS DE RENFORCEMENT**
[72] ORGERON, KEITH J., US
[73] T&T ENGINEERING SERVICES, INC., US
[85] 2011-04-26
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[54] **AUTOMATIC OPTIMIZATION OF THE POSITION OF STEMS OF TEXT CHARACTERS**
[54] **OPTIMISATION AUTOMATIQUE DE LA POSITION DES TIGES DE CARACTERES TYPOGRAPHIQUES**
[72] STAMM, BEAT, US
[72] HITCHCOCK, GREGORY C., US
[72] BETRISEY, CLAUDE, US
[72] CONWAY, MATT, US
[73] MICROSOFT CORPORATION, US
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[25] EN
[54] **LIGHTING DEVICE CONTROLLING CIRCUIT MODULE**
[54] **MODULE DE CIRCUIT DE COMMANDE DE DISPOSITIF D'ECLAIRAGE**
[72] CHANG, WEI-CHENG, TW
[73] WORLD LIGHTING SEMICONDUCTOR CO., LTD., TW
[86] (2748753)
[87] (2748753)
[22] 2011-08-11

[11] **2,749,064**
[13] C

[51] **Int.Cl. H04N 13/00 (2006.01) H04N 7/08 (2006.01)**
[25] EN
[54] **3D CAPTION SIGNAL TRANSMISSION METHOD AND 3D CAPTION DISPLAY METHOD**
[54] **PROCEDE DE TRANSMISSION DE SIGNAL DE SOUS-TITRE 3D, ET PROCEDE D'AFFICHAGE DE SOUS-TITRE 3D**
[72] SUH, JONG-YEUL, KR
[72] KIM, KYUNG-HO, KR
[72] KIM, JIN-PIL, KR
[72] LEE, JOON-HUI, KR
[72] SONG, JAE-HYUNG, KR
[72] HONG, HO-TAEK, KR
[73] LG ELECTRONICS INC., KR
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[11] **2,749,781**
[13] C

[51] **Int.Cl. H04B 7/04 (2006.01) H04B 7/208 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING UPLINK SIGNAL IN MIMO WIRELESS COMMUNICATION SYSTEM AND METHOD THEREOF**
[54] **APPAREIL DE TRANSMISSION DE SIGNAL DE LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL MULTIPLES ENTrees MULTIPLES SORTIES (MIMO) ET PROCEDE APPARENTE**
[72] LEE, DAE WON, KR
[72] KIM, KI JUN, KR
[72] AHN, JOON KUI, KR
[72] KANG, BYEONG WOO, KR
[72] NOH, YU JIN, KR
[72] KIM, BYOUNG HOON, KR
[72] KIM, BONG HOE, KR
[73] LG ELECTRONICS INC., KR
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[86] 2010-03-03 (PCT/KR2010/001332)
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[30] KR (10-2009-0132334) 2009-12-29

[11] **2,751,034**
[13] C

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[25] EN
[54] **SEMICONDUCTOR STACK AND POWER CONVERTER USING THE SAME**
[54] **EMPILEMENT DE SEMI-CONDUCTEURS ET CONVERTISSEUR DE PUISSANCE L'UTILISANT**
[72] TATSUTA, TOSHIKI, JP
[72] KINOSHITA, MASAHIRO, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2011-07-28
[86] 2009-02-24 (PCT/JP2009/000779)
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[11] **2,752,628**
[13] C

[51] **Int.Cl. H01J 49/04 (2006.01)**
[25] EN
[54] **MULTI-ELECTRODE ION TRAP**
[54] **PIEGE IONIQUE A PLUSIEURS ELECTRODES**
[72] MAKAROV, ALEXANDER ALEKSEEVICH, GB
[73] THERMO FINNIGAN LLC, US
[86] (2752628)
[87] (2752628)
[22] 2006-06-27
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[13] C

[51] **Int.Cl. F16J 15/36 (2006.01) F16J 3/04 (2006.01) F16J 15/52 (2006.01)**
[25] EN
[54] **WELDED BELLOWS SEAL ASSEMBLY**
[54] **ENSEMBLE JOINT POUR MEMBRANES METALLIQUES SOUDEES**
[72] BERARD, GERALD M., US
[73] EATON CORPORATION, US
[86] (2753705)
[87] (2753705)
[22] 2011-09-29
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OLFACTORY REGION BYPASS**
[54] **GARNITURES NASALES**
[72] BECK-ARNON, ADVA, IL
[73] BECK-ARNON, ADVA, IL
[85] 2011-08-25
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[30] US (61/031,175) 2008-02-25
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1/20 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS
FOR CONVERSION OF
LIGNOCELLULOSIC MATERIAL
TO FERMENTABLE SUGARS AND
PRODUCTS PRODUCED
THEREFROM**
[54] **COMPOSITIONS ET PROCEDES
DE CONVERSION DE MATERIAU
LIGNOCELLULOSIQUE EN
SUCRES FERMENTESCIBLES ET
PRODUITS PRODUITS A PARTIR
DE CEUX-CI**
[72] LYONS, MARK P., US
[72] HOSKINS, BRIAN J., US
[73] ALLTECH, INC., US
[85] 2011-09-14
[86] 2010-03-17 (PCT/US2010/027703)
[87] (WO2010/107944)
[30] US (61/160,969) 2009-03-17

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[13] C

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[25] EN
[54] **RAILWAY COUPLER BODY
IMPROVEMENTS TO IMPROVE
KNUCKLE ROTATION**
[54] **AMELIORATIONS APORTEES A
UN CORPS D'ATTELAGE DE
CHEMIN DE FER POUR
AMELIORER LA ROTATION
D'UNE MACHOIRE**
[72] SMERECKY, JERRY R., US
[72] MARCHESE, THOMAS A., US
[72] LARSON, ERIC W., US
[73] BEDLOE INDUSTRIES LLC, US
[85] 2010-11-22
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[25] EN
[54] **CIRCUIT BREAKERS WITH LUG
SCREW RETENTION AND
METHODS FOR
MANUFACTURING SAME**
[54] **DISJONCTEURS DOTES D'UN
MOYEN DE RETENUE DE VIS DE
BORNE ET PROCEDES DE
FABRICATION ASSOCIES**
[72] WATFORD, RUSSELL T., US
[72] BIEDRZYCKI, TIMOTHY, US
[72] MCCOY, BRIAN TIMOTHY, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2011-09-16
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[87] (WO2010/107972)
[30] US (61/161,150) 2009-03-18
[30] US (12/725,809) 2010-03-17

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[13] C

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[25] EN
[54] **MULTI-DISPLAY MOBILE
DEVICE**
[54] **DISPOSITIF MOBILE A
AFFICHAGES MULTIPLES**
[72] PEGG, ALBERT MURRAY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2756483)
[87] (2756483)
[22] 2011-10-28
[30] EP (10192017.1) 2010-11-22

[11] **2,756,579**
[13] C

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[25] EN
[54] **PROCESSES FOR PREPARING
ETHYLENE OXIDE-CAPPED
POLYOLS**
[54] **PROCEDES DE PREPARATION DE
POLYOLS TERMINEES PAR DES
GROUPES ETHYLENOXY**
[72] EHLERS, STEPHAN, DE
[72] PAZOS, JOSE F., US
[72] STEINLEIN, CHRISTIAN, DE
[72] SCHNEIDER, MICHAEL, DE
[72] HOFMANN, JOERG, DE
[72] KEYVANI, MAJID, US
[72] HAYES, JOHN E., US
[73] BAYER AKTIENGESELLSCHAFT,
DE
[73] BAYER POLYMERS LLC, US
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[22] 2003-09-29
[62] 2,443,117
[30] US (10/260,498) 2002-09-30

[11] **2,757,720**
[13] C

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[25] EN
[54] **DC VOLTAGE COMPENSATION
IN A MULTI-TERMINAL HVDC
POWER TRANSMISSION
NETWORK**
[54] **COMPENSATION DE TENSION CC
DANS UN RESEAU DE
DISTRIBUTION CC A HAUTE
TENSION A PLUSIEURS
TERMINAUX**
[72] JUHLIN, LARS-ERIK, SE
[73] ABB TECHNOLOGY AG, CH
[85] 2011-10-04
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[25] EN
[54] **AN EFFECTIVE NOVEL NON - POLYMERIC AND NON - FOULING ADDITIVE FOR INHIBITING HIGH - TEMPERATURE NAPHTHENIC ACID CORROSION AND METHOD OF USING THE SAME**

[54] **NOUVEL ADDITIF NON POLYMER ET ANTI-ENCRASSEMENT EFFICACE CAPABLE D'INHIBER LA CORROSION PAR L'ACIDE NAPHTENIQUE A HAUTE TEMPERATURE ET PROCEDE D'UTILISATION**

[72] SUBRAMANIYAM, MAHESH, IN
[73] DORF KETAL CHEMICALS (I) PVT. LTD., IN
[85] 2011-10-12
[86] 2010-04-15 (PCT/IB2010/051636)
[87] (WO2010/119417)
[30] IN (974/MUM/2009) 2009-04-15

[11] **2,758,769**
[13] C

[51] **Int.Cl. B65D 6/16 (2006.01) B65D 6/18 (2006.01)**
[25] EN
[54] **BOX WITH FOLDABLE SIDE WALLS AND LOCKING MECHANISM WITH OVERLOAD PROTECTION**

[54] **CAISSE POURVUE DE PAROIS LATERALES PLIABLES ET DE MECANISMES DE VERROUILLAGE AVEC PROTECTION CONTRE LES SURCHARGES**

[72] ORGELDINGER, WOLFGANG, DE
[73] IFCO SYSTEMS GMBH, DE
[85] 2011-10-14
[86] 2010-04-14 (PCT/EP2010/054904)
[87] (WO2010/119073)
[30] EP (PCT/EP2009/002760) 2009-04-15
[30] DE (102009034430.6) 2009-07-23
[30] DE (102009049184.8) 2009-10-13

[11] **2,759,163**
[13] C

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[25] EN
[54] **METHOD FOR PRODUCING OLMESARTAN MEDOXOMIL**

[54] **PROCEDE DE PRODUCTION DE L'OLMESARTAN MEDOXOMIL**

[72] YANAGIHARA, SHIGEO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2011-10-18
[86] 2010-04-27 (PCT/JP2010/057403)
[87] (WO2010/126013)
[30] JP (2009-109159) 2009-04-28

[11] **2,759,331**
[13] C

[51] **Int.Cl. G06T 1/00 (2006.01) G06F 1/16 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **HANDHELD ELECTRONIC DEVICE HAVING SLIDING DISPLAY AND POSITION CONFIGURABLE CAMERA**

[54] **DISPOSITIF ELECTRONIQUE A MAIN EQUIPE D'UN AFFICHAGE COULISSANT ET D'UNE CAMERA A POSITION CONFIGURABLE**

[72] GRIFFIN, JASON TYLER, CA
[72] MAHAN, LAURA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2759331)
[87] (2759331)
[22] 2011-11-22
[30] EP (10196722.2) 2010-12-23

[11] **2,759,869**
[13] C

[51] **Int.Cl. B01D 3/42 (2006.01) B01D 3/10 (2006.01) B01D 3/38 (2006.01)**
[25] EN
[54] **CONTROL THE PROCESS OF DISTILLATION UNDER PRESSURE OR VACUUM WITHOUT USE OF VACUUM PUMPS, DISTILLERIES ARE WITH DIFFERENT VOLUMES, THEY DISTILLING A RAW MATERIAL IN DRY OR LIQUID CONDITION, EXTRACTING FOR SECOND TIME ESSENTIAL OILS FROM LIQUID RESULTS OBTAINED AFTER DISTILATION**

[54] **CONTROLE DU PROCESSUS DE DISTILLATION SOUS PRESSION OU SOUS VIDE SANS POMPES A VIDE; LES DISTILLERIES SONT DE DIVERS VOLUMES ET DISTILLENTE UNE SUBSTANCE BRUTE A L'ETAT SEC OU LIQUIDE, PUIS EXTRAIENT ENSUITE DES HUILES ESSENTIELLES DE RESIDUS LIQUIDES APRES LA DISTILLATION**

[72] MOCHEV, VASIL ILIEV, CA
[72] TERZIYSKI, SACHO HRISTOV, CA
[72] MOCHEV, TODOR ILIEV, CA
[73] MOCHEV, VASIL ILIEV, CA
[86] (2759869)
[87] (2759869)
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[62] 2,421,141

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[13] C

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[25] EN
[54] **GAS DIFFUSION LAYER FOR FUEL CELL**
[54] **COUCHE DE DIFFUSION DE GAZ POUR PILE A COMBUSTIBLE**
[72] KATO, HIROSHI, JP
[72] NOMI, HARUO, JP
[72] NAMBA, TAKAFUMI, JP
[72] TAKANE, TOMOYUKI, JP
[72] OKUYAMA, YOZO, JP
[72] SUGINO, MANABU, JP
[72] OKU, TAKANORI, JP
[72] EHAMA, ISAO, JP
[72] KODAMA, KAZUFUMI, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] W.L. GORE & ASSOCIATES, CO., LTD., JP
[85] 2011-10-31
[86] 2010-04-27 (PCT/JP2010/057502)
[87] (WO2010/126063)
[30] JP (2009-112320) 2009-05-01

[11] **2,761,103**
[13] C

[51] **Int.Cl. H04B 7/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING UPLINK DATA AND CONTROL INFORMATION IN A WIRELESS MOBILE COMMUNICATION SYSTEM THAT SUPPORTS MIMO ANTENNAS**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES ET D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE DANS SYSTEME DE COMMUNICATION MOBILE SANS FIL QUI PREND EN CHARGE DES ANTENNES MIMO**
[72] HAN, SEUNG HEE, KR
[72] KO, HYUN SOO, KR
[72] CHUNG, JAE HOON, KR
[72] LEE, MOON IL, KR
[73] LG ELECTRONICS INC., KR
[85] 2011-11-04
[86] 2010-12-20 (PCT/KR2010/009110)
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[30] US (61/288,341) 2009-12-21
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[11] **2,761,502**
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[54] **PAPERBOARD-BASED BEVERAGE CONTAINER**
[54] **RECIPIENT DE BOISSON A BASE DE CARTON**
[72] BABINSKY, VLADISLAV A., US
[72] ARENANDER, SVEN S., US
[72] NEWMAN, DOBBIE C., US
[72] KRUG, TERESA, US
[73] MEADWESTVACO CORPORATION, US
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[54] **DEVICE FOR SECURING THE EDGE OF A FLOOR COVERING TO A PROFILE CONSTRUCTION**
[54] **DISPOSITIF DE FIXATION DU BORD D'UN DALLAGE SUR UNE CONSTRUCTION PROFILEE**
[72] SONDERMANN, FRANK, DE
[73] KUEBERIT PROFILE SYSTEMS GMBH & CO. KG, DE
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[25] EN
[54] **CONVEYOR DEVICE FOR FLAT CARDBOARD SHEETS IN CARDBOARD-BOX FORMING MACHINES**
[54] **DISPOSITIF DE TRANSPORT DE PLANCHES PLANES DE CARTON DANS DES MACHINES DE FORMAGE DE CAISSES EN CARTON**
[72] BOIX JAEN, JOSE, ES
[73] BOIX MAQUINARIA, S.L., ES
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION SYSTEM, BASE STATION APPARATUS, MOBILE STATION APPARATUS, AND MOBILE COMMUNICATION METHOD**
[54] **SYSTEME DE COMMUNICATION MOBILE, DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION MOBILE ET PROCEDE DE COMMUNICATION MOBILE**
[72] AIBA, TATSUSHI, JP
[72] YAMADA, SHOHEI, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[54] **A SYSTEM AND METHOD OF DATA SHARING BETWEEN ROVING AGRICULTURAL VEHICLES**

[54] **SYSTEME ET PROCEDE DE PARTAGE DE DONNEES ENTRE DES VEHICULES AGRICOLES ITINERANTS**

[72] ROBERTS, PETER JAMES, AU

[72] BAILEY, PETER ANDREW, AU

[73] LEICA GEOSYSTEMS AG, CH

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[54] **ENGINE DRIVEN WELDER-GENERATOR WITH CHOPPER CIRCUIT**

[54] **GENERATEUR-MACHINE A SOUDER ENTRAINE PAR UN MOTEUR POURVU D'UN CIRCUIT D'INTERRUPTION PERIODIQUE**

[72] DUVAL, RANDALL JOSEPH, US

[72] FOSBINDER, DANIEL C., US

[73] ILLINOIS TOOL WORKS INC., US

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[54] **PANEL CLAMP**

[54] **PINCE DE PANNEAU**

[72] DINH, CONG THANH, US

[73] THOMAS & BETTS INTERNATIONAL, INC., US

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[54] **STEERING ANGLE CONTROL SYSTEM FOR AIRCRAFT**

[54] **SYSTEME DE COMMANDE D'ANGLE DE BRAQUAGE POUR AERONEF**

[72] FUNABIKI, KOHEI, JP

[72] SHINKAWA, TOMOKO, JP

[72] YAMAGUCHI, YASUHIRO, JP

[72] YAMAJI, TAKURO, JP

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[54] **TRANSPARENT RELAY USING DUAL-LAYER BEAM FORMING ASSOCIATION PROCEDURES**

[54] **RELAIS TRANSPARENT UTILISANT DES PROCEDURES D'ASSOCIATION DE FORMATION DE FAISCEAU A DEUX COUCHES**

[72] XU, HUA, CA

[72] CAI, ZHIJUN, US

[72] YU, YI, US

[73] BLACKBERRY LIMITED, CA

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[54] **SYSTEMS, METHODS, AND APPARATUSES FOR CIPHERING ERROR DETECTION AND RECOVERY**

[54] **SYSTEMES, PROCEDES ET APPAREILS DE DETECTION ET DE RECUPERATION D'UNE ERREUR DE CHIFFREMENT**

[72] KUBOTA, KEIICHI, GB

[73] NOKIA CORPORATION, FI

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[72] MENG, FANQING RICHARD, US

[72] MAO, SHANE, US

[72] CHAPOY, LAWRENCE, US

[73] BAUSCH & LOMB INCORPORATED, US

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[54] **HELICAL TUBE BUNDLE ARRANGEMENTS FOR HEAT EXCHANGERS**

[54] **AGENCEMENTS DE FAISCEAUX DE TUBES HELICOIDAUX POUR ECHANGEURS DE CHALEUR**

[72] NAGURNY, NICHOLAS J., US

[72] LEVINGS, NATALIE B., US

[72] BECKNER, DEREK M., US

[72] MAURER, SCOTT M., US

[73] LOCKHEED MARTIN CORPORATION, US

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[13] C

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[54] **RACCORDS ELECTRIQUES A FAIBLE FUITE ET FAISCEAUX DE FILS, ET LEUR PROCEDE DE FABRICATION**

[72] SOLON, DEAN, US

[73] SHOALS TECHNOLOGIES GROUP, LLC, US

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[25] EN

[54] **DEPOSIT MITIGATION IN GASOLINE FRACTIONATION, QUENCH WATER SYSTEM AND PRODUCT RECOVERY SECTION**

[54] **LIMITATION DES DEPOTS DANS LE FRACTIONNEMENT D'ESSENCE, DANS UN SYSTEME D'EAU DE TREMPER ET DANS UNE SECTION DE RECUPERATION DES PRODUITS**

[72] SUNDARAM, KANDASAMY MEENAKSHI, US

[72] MUKHERJEE, UJJAL K., US

[72] VENNER, RONALD M., US

[73] LUMMUS TECHNOLOGY INC., US

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[54] **DOCUMENT PHOTOSENSOR OF SURFACE-MOUNTED ELEMENTS**

[54] **CAPTEUR OPTIQUE DE DOCUMENT AVEC DES ELEMENTS MONTES EN SURFACE**

[72] OKAWA, KATSUTOSHI, JP

[72] ASAKAWA, SEIJI, JP

[73] JAPAN CASH MACHINE CO., LTD., JP

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[54] **AUTONOMOUS COVERAGE ROBOTS**

[54] **ROBOTS DE SURFACE AUTONOMES**

[72] HUSSEY, PATRICK ALAN, US

[72] ROY, ROBERT PAUL, US

[72] NEUMANN, ROGELIO MANFRED, US

[72] SVENDSEN, SELMA, US

[72] OZICK, DANIEL N., US

[72] CASEY, CHRISTOPHER M., US

[72] KAPOOR, DEEPAK RAMESH, US

[72] CAMPBELL, TONY L., US

[72] WON, CHIKYUNG, US

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[13] C

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[25] EN

[54] **COMPOSITION FOR PREVENTION AGAINST SPOILAGE BY MOULDS AND YEASTS AND USES AND PRODUCTS RELATED THERETO**

[54] **COMPOSITION POUR LA PREVENTION CONTRE LA SALISSURE PAR DES MOISSISSURES ET DES LEVURES ET UTILISATIONS ET PRODUITS ASSOCIES A CELLE-CI**

[72] SCHRADER, ELKE, DE

[72] FINNEGAN, SUSAN, AU

[72] REDMAN, ANDREW, AU

[72] SHASTRY, ARUN, US

[72] TALSANIA, MONICA, GB

[73] MARS, INCORPORATED, US

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[54] **MALLEABLE, BIODEGRADABLE HAEMOSTATIC AGENT**

[54] **AGENT HEMOSTATIQUE MALLEABLE ET BIODEGRADABLE**

[72] VOGT, SEBASTIAN, DE

[73] HERAEUS MEDICAL GMBH, DE

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[54] **APPARATUS AND METHOD FOR CONTROLLING A CONVEYOR OVEN**
[54] **APPAREIL ET PROCÉDE DE COMMANDE D'UN FOUR A CONVOYEUR**
[72] SCHJERVEN, SR., WILLIAM S., US
[72] WIKER, JOHN H., US
[72] VAN CAMP, RICHARD H., US
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[54] **PROCÉDE POUR RETIRER DES METAUX A PARTIR DE RESIDU**
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[72] BHATTACHARYYA, ALAKANANDA, US
[72] MEZZA, BECKAY J., US
[72] VANDEN BUSSCHE, KURT M., US
[72] NICHOLAS, CHRISTOPHER P., US
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[51] **Int.Cl. B64D 13/06 (2006.01)**
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[54] **AIRCRAFT SYSTEM AND METHOD FOR IMPROVED COOLING EFFICIENCY**
[54] **SYSTEME ET PROCÉDE D'AERONEF DESTINES A AMELIORER L'EFFICACITE DE REFROIDISSEMENT**
[72] ATKEY, WARREN A., US
[72] MACKIN, STEVE G., US
[72] MILLAR, ROD, US
[73] THE BOEING COMPANY, US
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[51] **Int.Cl. E04F 13/07 (2006.01) E04F 13/076 (2006.01)**
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[54] **WALL PANEL, WALL PANEL KIT AND METHOD**
[54] **PANNEAU MURAL, NECESSAIRE CONNEXE ET METHODE DE FABRICATION**
[72] WAGNER, WAYNE M., US
[72] GRIFFITHS, ROBERT T., US
[73] FIRESTONE BUILDING PRODUCTS COMPANY, LLC, US
[86] (2773262)
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[54] **DISPOSITIF POUR DEPLACEMENT LATERAL**
[72] MORENO VALLEJO, ILDEFONSO, ES
[72] GONZALEZ MUNOZ, SIMON PEDRO, ES
[73] SOCIEDAD ESPANOLA DE ELECTROMEDICINA Y CALIDAD, S.A., ES
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[54] **MECANISME DE SUPPORT POUR SAC DE GOLF ET METHODES CONNEXES**
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[73] KARSTEN MANUFACTURING CORPORATION, US
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[54] **TOOTHBRUSH WITH BRISTLES AND ELASTOMERIC ELEMENTS**
[54] **BROSSE A DENTS**
[72] HOHLBEIN, DOUGLAS J., US
[72] WAGUESPACK, KENNETH, US
[72] SORREL, STEVEN M., US
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[73] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **POLYPHENOL COMPOUND ABSORPTION PROMOTER AND UTILIZATION OF SAME**
[54] **PROMOTEUR D'ABSORPTION D'UN COMPOSE POLYPHENOL ET SON UTILISATION**
[72] YANAE, KOJI, JP
[72] KAWAKAMI, SHINPEI, JP
[72] KATO, MASATOSHI, JP
[72] SETOGUCHI, YUKO, JP
[72] SUGITANI, MASANORI, JP
[73] MORINAGA & CO., LTD., JP
[85] 2012-04-02
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[13] C

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[25] EN
[54] **DEVELOPMENT OF A PREVENTIVE VACCINE FOR FILOVIRUS INFECTION IN PRIMATES**
[54] **MISE AU POINT D'UN VACCIN PREVENTIF CONTRE L'INFECTION PAR FILOVIRUS CHEZ LES PRIMATES**
[72] NABEL, GARY J., US
[72] YANG, ZHI-YONG, US
[72] SULLIVAN, NANCY, US
[72] SANCHEZ, ANTHONY, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[22] 2002-09-24
[62] 2,462,455
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[13] C

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[54] **RETROFITTED EXCAVATOR TOOTH ATTACHMENT**
[54] **FIXATION DE DENT D'EXCAVATION RETRO-AJUSTEE**
[72] RUVANG, JOHN A., CA
[73] BLACK CAT BLADES LTD., CA
[85] 2012-04-04
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[13] C

[51] **Int.Cl. E04H 12/18 (2006.01) E04H 12/34 (2006.01) H01Q 1/12 (2006.01)**
[25] EN
[54] **A TILT TOWER ASSEMBLY AND A METHOD OF USING THE SAME, AND A METHOD TO SHIP AND ASSEMBLE A TILT TOWER**
[54] **ENSEMBLE DE TOUR BASCULANTE ET SA METHODE D'UTILISATION, ET METHODE D'EXPEDITION ET DE MONTAGE D'UNE TOUR BASCULANTE**
[72] ANDERSON, CHARLES, US
[72] ANDERSON, DANIEL, US
[72] ROE, GRADY, US
[73] WILBUR L. ANDERSON, INC. D/B/A WESTERN TOWERS, US
[86] (2777181)
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[22] 2012-05-17
[30] US (61/487,033) 2011-05-17
[30] US (61/590,880) 2012-01-26
[30] US (61/595,268) 2012-02-06
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[30] US (61/600,947) 2012-02-20

[11] **2,777,471**
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[51] **Int.Cl. E21B 10/62 (2006.01)**
[25] EN
[54] **THROUGH DRILLSTRING LOGGING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DIAGRAPHIE DE TROUS DE FORAGE PAR UN TRAIN DE TIGES DE FORAGE**
[72] STORM, JR., BRUCE H., US
[72] AIVALIS, JAMES G., US
[72] FINCI, BULENT, US
[72] WELLS, PETER, US
[72] KITA, AKIO, US
[72] JOHNSON, ERIC, US
[72] MACRAE, JONATHAN, US
[73] SCHLUMBERGER HOLDINGS LIMITED, VG
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[13] C

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[25] FR
[54] **ROTATING DEVICE COUPLING A RING TO A WHEEL AS WELL AS THE AIRCRAFT LANDING GEAR EQUIPPED WITH SUCH A DEVICE**
[54] **DISPOSITIF D'ACCOUPLLEMENT EN ROTATION D'UNE COURONNE A UNE ROUE AINSI QU'UN ATERRISSEUR D'AERONEF MUNI D'UN TEL DISPOSITIF**
[72] BUCHETON, DANIEL, FR
[72] REMOND, SEBASTIEN, FR
[72] ELUARD, GILLES, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2777609)
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[22] 2012-05-17
[30] FR (11 54445) 2011-05-20

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[25] EN
[54] **COMPOSITE PLY STABILIZING MECHANISM AND METHOD**
[54] **MECANISME ET PROCEDE DE STABILISATION DE PLIS DE COMPOSITE**
[72] PHAM, DOAN D., US
[72] TOLLAN, MARK W., US
[72] OUTZEN, RICHARD M., US
[72] LOCKLEER, JOHN C., US
[72] HARRIS, CHRISTOPHER G., US
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[54] **COMPOSITION FOR CARTILAGINOUS TISSUE REPAIR AND A PRODUCTION METHOD THEREFOR**
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[72] LEE, SAE-BOM, KR
[72] PARK, HYUN-SHIN, KR
[72] KIM, HYUN-JO, KR
[72] JANG, JAE-DEOG, KR
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[54] **APPAREIL PORTE-BOUEILLES**
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[54] **SYSTEME DE TABLETTES A MOUVEMENT COMPOSE**
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[54] **ENSEMBLE JOINT A TUBES ONDULES ET SOUPEPE A TUBES ONDULES LE COMPORTANT**
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[73] ZHEJIANG WANLONG MACHINERY CO., LTD., CN
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[54] **MATERIAUX SILICEUX A CAPACITE ELEVEE DE NETTOYAGE ET FAIBLE CAPACITE D'ABRASION POUR MODULATION DE PIEGEAGE ET DE LIBERATION D'AGENTS ACTIFS HYDROPHOBES DANS DES PREPARATIONS DENTAIRES**
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[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **ARBRE D'ENTRAINEMENT HELICOIDAL REDUISANT LE STRESS DANS LES MATERIAUX POUR COUSSINETS FRAGILES**
[72] WILSON, BROWN LYLE, US
[72] BROWN, DONN J., US
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[72] CHALTIN, PATRICK, BE
[72] CHRIST, FRAUKE, BE
[72] DEBYSER, ZEGER, BE
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[54] **COMPOSITIONS DE PELLICULES ORGANIQUES STRUCTUREES POREUSES**
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[72] HEUFT, MATTHEW A., CA
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[54] **APPLICATION DE PELLICULES ORGANIQUES STRUCTUREES POREUSE POUR LE STOCKAGE DU GAZ**
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[54] **DISPOSITIF POUR LA TRANSMISSION DE FORCE DEPUIS LES PISTONS D'UN MOTEUR A PISTON**
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[13] C

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[54] **VALVE ANTI-REFLUX A TAILLE REDUITE**
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[73] COOK MEDICAL TECHNOLOGIES LLC, US
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[54] **SIMULATED MOVING BED CHROMATOGRAPHIC SEPARATION PROCESS**
[54] **PROCEDE DE SEPARATION CHROMATOGRAPHIQUE EN LIT MOBILE SIMULE**
[72] KELLIHER, ADAM, GB
[72] MORRISON, ANGUS, GB
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[54] **REVETEMENTS RESISTANTS A L'HUMIDITE POUR DES ENCEINTES POLYMERES**
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[73] NANORX, INC., US
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[13] C

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[54] **PRODUIT DE BANDAGE MEDICAL RESISTANT A L'EAU**
[72] EVANS, JOHN C., GB
[73] BSN MEDICAL, INC., US
[85] 2012-08-09
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[13] C

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[54] **INTERVERTEBRAL DISC AND INSERTION METHODS THEREFOR**
[54] **DISQUE INTERVERTEBRAL ET LEURS METHODES D'INSERTION**
[72] ZUBOK, RAFAIL, US
[72] ERRICO, JOSEPH P., US
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[72] ERRICO, THOMAS, US
[73] SPINECORE, INC., US
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[54] **ENSEMBLE FAUTEUIL ROULANT**
[72] LOEWENTHAL, HOWARD, US
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[13] C

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[25] EN
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[54] **POSITIONNEMENT DE STOCK DE COMPOSANTS DE FENETRE**
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[72] KHALFOUN, MOHAMED, US
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[54] **LAMPE A DEL POUR L'ECLAIRAGE HOMOGENE DE CORPS CREUX**
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[72] OSWALD, FLORIN, DE
[72] MAIWEG, HARALD, DE
[73] HERAEUS NOBLELIGHT GMBH, DE
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[30] DE (10 2010 013 286.1) 2010-03-29

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[13] C

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[25] EN
[54] **METHOD FOR CIRCULATING WATER THROUGH THE INSIDE OF A PIPELINE**
[54] **PROCEDE DE CIRCULATION D'EAU A L'INTERIEUR D'UNE CANALISATION**
[72] CHOL, SUNG YEEL, KR
[73] CHOL, SUNG YEEL, KR
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[54] **A METHOD FOR DE-ICING THE
BLADES OF A WIND TURBINE
AND A WIND TURBINE WITH A
DE-ICING SYSTEM**

[54] **METHODE DE DEGIVRAGE DES
PALES D'UNE TURBINE
EOLIENNE ET TURBINE
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DEGIVRAGE**

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LEHNSKOV, DK

[72] SOERENSEN, MARTIN MOELLER,
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[73] VESTAS WIND SYSTEMS A/S, DK

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[13] C

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[72] SAYYAD, HORMOZ, CA

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[30] US (13/048,097) 2011-03-15

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B28B 1/52 (2006.01) C04B 35/565
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[25] EN
[54] **POWDER MATERIAL
IMPREGNATION METHOD AND
METHOD FOR PRODUCING
FIBER-REINFORCED
COMPOSITE MATERIAL**

[54] **PROCEDE D'IMPREGNATION
AVEC UN MATERIAU EN
POUDRE ET PROCEDE DE
PRODUCTION D'UN MATERIAU
COMPOSITE RENFORCE PAR
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[30] JP (2010-074283) 2010-03-29

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[13] C

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(2006.01) A41D 13/08 (2006.01)**

[25] EN
[54] **PROTECTIVE ATHLETIC
EQUIPMENT**

[54] **EQUIPEMENT DE PROTECTION
POUR LE SPORT**

[72] SMITH, PETER B., CA

[72] WATTS, NEAL A., CA

[72] DAGNEAU, FRANCOIS O., CA

[73] WARRIOR SPORTS, INC., US

[86] (2794799)
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[30] US (61/668,494) 2012-07-06
[30] US (13/657,940) 2012-10-25

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[13] C

[51] **Int.Cl. A23G 1/32 (2006.01) A23G
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A23L 1/22 (2006.01) A23L 1/30
(2006.01) A61K 36/185 (2006.01)**

[25] EN
[54] **COCOA COMPONENTS, EDIBLE
PRODUCTS HAVING ENHANCED
POLYPHENOL CONTENT,
METHODS OF MAKING SAME
AND MEDICAL USES**

[54] **CONSTITUANTS DU CACAO,
PRODUITS COMESTIBLES
PRESENTANT UNE TENEUR
ACCURUE EN POLYPHENOLS,
LEURS PROCEDES DE
PRODUCTION ET UTILISATIONS
ET UTILISATIONS MEDICALES**

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[72] HAMMERSTONE, JOHN F., JR., US

[72] SCHMITZ, HAROLD H., US

[73] MARS, INCORPORATED, US

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[25] EN
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COMPOSITION**

[54] **PROCEDE POUR LA
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[25] EN
[54] **APPARATUS AND METHODS FOR ESTIMATING TOOL INCLINATION USING BIT-BASED GAMMA RAY SENSORS**
[54] **APPAREIL ET PROCÉDES DESTINÉS À ESTIMER L'INCLINATION D'UN OUTIL À L'AIDE DE CAPTEURS DE RAYONS GAMMA BASES SUR UN TREPAN**
[72] TRINH, TU TIEN, US
[72] SULLIVAN, ERIC, US
[72] CHENG, XIAOMIN C., US
[73] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **CARTRIDGE SYSTEM WITH CONNECTED DELIVERY PISTONS**
[54] **SYSTÈME À CARTOUCHES COMPRENANT DES PISTONS ASSEMBLES**
[72] VOGT, SEBASTIAN, DE
[72] BUECHNER, HUBERT, DE
[73] HERAEUS MEDICAL GMBH, DE
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[13] C

[51] **Int.Cl. G01B 9/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EFFECTIVE ISOLATION OF AN INTERFEROMETER**
[54] **SYSTÈME ET PROCÉDE D'ISOLATION EFFICACE D'UN INTERFEROMETRE**
[72] DIXON, DAVID, US
[72] HARMAN, ROBERT M., US
[72] DUNCAN, ROGER G., US
[72] REYNOLDS, ALAN C., US
[72] NUCKLES, MICHAEL C., US
[72] CHILDERS, BROOKS A., US
[73] BAKER HUGHES INCORPORATED, US
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[13] C

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[54] **BOGIE DE CHEMIN DE FER COMPORANT UN CHASSIS LATÉRAL OSCILLANT**
[72] FORBES, JAMES W., CA
[73] NATIONAL STEEL CAR LIMITED, CA
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[25] EN
[54] **MESSAGE HANDLING**
[54] **TRAITEMENT DE MESSAGE**
[72] MOSTAFA, MIRAJ, FI
[73] CORE WIRELESS LICENSING S.A.R.L., LU
[86] (2800241)
[87] (2800241)
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[11] **2,801,169**
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[51] **Int.Cl. B01D 53/62 (2006.01) C01B 31/20 (2006.01)**
[25] EN
[54] **AIR POLLUTION CONTROL SYSTEM AND METHOD**
[54] **SYSTÈME ET PROCÉDE DE TRAITEMENT DE GAZ D'ÉCHAPPEMENT**
[72] NAGAYASU, TATSUTO, JP
[72] KAMIJO, TAKASHI, JP
[72] INUI, MASAYUKI, JP
[72] OISHI, TSUYOSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] TSUJIUCHI, TATSUYA, JP
[72] OKINO, SUSUMU, JP
[72] KAMIYAMA, NAOYUKI, JP
[72] YOSHIHARA, SEIJI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **PATENT FORAMEN OVALE CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE OVALE DE FOREMEN VASCULAIRE**
[72] GRISHABER, RANDY, US
[72] CHIN-CHEN, CHAO, US
[72] PARK, JIN, US
[72] KAMMERER, GENE, US
[72] OLSEN, DANIEL, US
[72] KHAN, ISSAC JOHN, US
[73] CORDIS CORPORATION, US
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[25] EN
[54] **ENVELOPE SPECIFIC STIMULUS TIMING**
[54] **SYNCHRONISATION DE STIMULATIONS SPECIFIQUES D'ENVELOPPES**
[72] MEISTER, DIRK, AT
[72] FRUEHAUF, FLORIAN, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
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[30] US (61/360,123) 2010-06-30

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[25] EN
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[54] **CONCENTRATEUR CENTRIFUGE**
[72] LEPEKHIN, VLADIMIR MIKHAILOVICH, RU
[73] ALEKSEEV, MIKHAIL PAVLOVICH, RU
[73] LEPEKHIN, VLADIMIR MIKHAILOVICH, RU
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[13] C

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[54] **SURGICAL TARGETING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CIBLAGE CHIRURGICAL**
[72] BLAU, ARNO, DE
[72] SIMON, BERND, DE
[72] KOHNEN, MICHAEL, DE
[73] STRYKER TRAUMA GMBH, DE
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[11] **2,807,161**
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[25] EN
[54] **TONER, METHOD FOR PRODUCING THE TONER, AND IMAGE FORMING METHOD**
[54] **TONER, PROCEDE DE PRODUCTION DU TONER ET PROCEDE DE FORMATION D'IMAGE**
[72] YAMASHITA, HIROSHI, JP
[72] SHIRASU, YUICHI, JP
[72] MURAYAMA, TOMOKI, JP
[72] WATANABE, MASAKI, JP
[73] RICOH COMPANY, LTD., JP
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[25] EN
[54] **PROCESS AND APPARATUS FOR CONTROLLING THE FLOWS OF LIQUID METAL IN A CRYSTALLIZER FOR THE CONTINUOUS CASTING OF THIN FLAT SLABS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE COMMANDER LES FLUX DE METAL LIQUIDE DANS UN CRISTALLISATEUR POUR LA COULEE CONTINUE DE BILLETES MINCES ET PLATES**
[72] GUASTINI, FABIO, IT
[72] CODUTTI, ANDREA, IT
[72] MINEN, MICHELE, IT
[72] VECCHIET, FABIO, IT
[73] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT
[85] 2013-02-04
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[30] IT (MI2010A001500) 2010-08-05

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB05L13**
[54] **VARIETE DE SOYA XB05L13 A HAUT RENDEMENT**
[72] KRASHENINNIK, NADEJDA N., US
[72] EIDENSINK, JOHN MICHAEL, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2808349)
[87] (2808349)
[22] 2013-03-06
[30] US (13/771,160) 2013-02-20

[11] **2,808,362**
[13] C

[51] **Int.Cl. B64D 15/04 (2006.01)**
[25] EN
[54] **AIRCRAFT ICE PROTECTION SYSTEM AND AIRCRAFT PROVIDED WITH THE SAME**
[54] **SYSTEME ANTIGIVRE POUR AERONEF ET AERONEF DOTE DE CELUI-CI**
[72] SAITO, ISAO, JP
[72] ISHIGURO, TATSUO, JP
[72] ABE, SHIGEKI, JP
[72] TANAKA, HIDEAKI, JP
[72] TAKASU, TORU, JP
[72] ATSUMI, MOTOHIRO, JP
[72] NAKANISHI, MASAKAZU, JP
[72] KAMOGARI, MINORU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[86] 2011-08-30 (PCT/JP2011/069609)
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[30] JP (2010-192618) 2010-08-30

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB02W13**
[54] **VARIETE DE SOYA XB02W13 A HAUT RENDEMENT**

[72] KRASHENINNIK, NADEJDA N., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808370)
[87] (2808370)
[22] 2013-03-06
[30] US (13/771,149) 2013-02-20

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB09AD13**
[54] **VARIETE DE SOYA XB09AD13 A HAUT RENDEMENT**

[72] KRASHENINNIK, NADEJDA N., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808380)
[87] (2808380)
[22] 2013-03-06
[30] US (13/771,168) 2013-02-20

[11] **2,808,411**
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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB11L13**
[54] **VARIETE DE SOYA XB11L13 A HAUT RENDEMENT**

[72] FABRIZIUS, MARTIN A., US
[72] ROACH, MICHAEL T., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808411)
[87] (2808411)
[22] 2013-03-06
[30] US (13/771,178) 2013-02-20

[11] **2,808,374**
[13] C

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB08F13**
[54] **VARIETE DE SOYA XB08F13 A HAUT RENDEMENT**

[72] HEDGES, BRADLEY R., CA
[72] GREASON, KARI, CA
[72] FABRIZIUS, MARTIN A., US
[72] ROACH, MICHAEL T., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808374)
[87] (2808374)
[22] 2013-03-06
[30] US (13/771,165) 2013-02-20

[11] **2,808,405**
[13] C

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB32AJ13**
[54] **VARIETE DE SOYA XB32AJ13 A HAUT RENDEMENT**

[72] STREIT, LEON G., US
[72] CORBIN, THOMAS C., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808405)
[87] (2808405)
[22] 2013-03-06
[30] US (13/771,283) 2013-02-20

[11] **2,808,415**
[13] C

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB11K13**
[54] **VARIETE DE SOJA A HAUT RENDEMENT XB11K13**

[72] HEDGES, BRADLEY R., CA
[72] GREASON, KARI, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808415)
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[22] 2013-03-06
[30] US (13/771,171) 2013-02-20

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB24N13**
[54] **VARIETE DE SOJA A HAUT RENDEMENT XB24N13**

[72] CARDEN, BRIAN A., US
[72] LEON, G. STREIT, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808422)
[87] (2808422)
[22] 2013-03-06
[30] US (13/771,221) 2013-02-20

[11] **2,808,430**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB13B13**
[54] **VARIETE DE SOYA XB13B13 A HAUT RENDEMENT**

[72] HEDGES, BRADLEY R., CA
[72] GREASON, KARI, CA
[72] FABRIZIUS, MARTIN A., US
[72] ROACH, MICHAEL T., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808430)
[87] (2808430)
[22] 2013-03-06
[30] US (13/771,184) 2013-02-20

[11] **2,808,437**
[13] C

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB01Z13**
[54] **VARIETE DE SOJA A HAUT RENDEMENT XB01Z13**

[72] KRASHENINNIK, NADEJDA N., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808437)
[87] (2808437)
[22] 2013-03-06
[30] US (13/771,144) 2013-02-20

[11] **2,808,447**
[13] C

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB31AD13**
[54] **VARIETE DE SOYA XB31AD13 A HAUT RENDEMENT**

[72] ALT, JESSIE LYNN, US
[72] STREIT, LEON G., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808447)
[87] (2808447)
[22] 2013-03-06
[30] US (13/771,254) 2013-02-20

[11] **2,808,517**
[13] C

[51] **Int.Cl. C12N 5/04 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB33F13**
[54] **VARIETE DE SOYA XB33F13 A HAUT RENDEMENT**

[72] STEIGER, DEBRA K., US
[72] CORBIN, THOMAS C., US
[72] STEPHENS, PAUL A., US
[72] STREIT, LEON G., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808517)
[87] (2808517)
[22] 2013-03-06
[30] US (13/771,224) 2013-02-20

[11] **2,808,518**
[13] C

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[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB15J13**
[54] **VARIETE DE SOYA XB15J13 A HAUT RENDEMENT**

[72] HEDGES, BRADLEY R., CA
[72] GREASON, KARI, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808518)
[87] (2808518)
[22] 2013-03-06
[30] US (13/771,186) 2013-02-20

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- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB15Z13**
[54] **VARIETE DE SOYA XB15Z13 A HAUT RENDEMENT**
- [72] HEDGES, BRADLEY R., US
[72] GREASON, KARI, US
[72] FABRIZIUS, MARTIN A., US
[72] ROACH, MICHAEL T., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (2808521)
[87] (2808521)
[22] 2013-03-06
[30] US (13/771,194) 2013-02-20

[11] **2,808,657**
[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB32T13**
[54] **VARIETE DE SOYA XB32T13 A HAUT RENDEMENT**
- [72] STREIT, LEON G., US
[72] CORBIN, THOMAS C., US
[72] STEIGER, DEBRA K., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (2808657)
[87] (2808657)
[22] 2013-03-06
[30] US (13/771,297) 2013-02-20

[11] **2,808,672**
[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 1/14 (2006.01) A23J 3/16 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB18S13**
[54] **VARIETE DE SOYA XB18S13 A HAUT RENDEMENT**
- [72] HEDGES, BRADLEY R., US
[72] GREASON, KARI, US
[72] FABRIZIUS, MARTIN A., US
[72] ROACH, MICHAEL T., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (2808672)
[87] (2808672)
[22] 2013-03-06
[30] US (13/771,203) 2013-02-20

[11] **2,808,555**
[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XR33A13**
[54] **VARIETE DE SOYA XR33A13 A HAUT RENDEMENT**
- [72] SPEAR, JORDAN, US
[72] SCHNEBLY, STEVEN R., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (2808555)
[87] (2808555)
[22] 2013-03-06
[30] US (13/771,167) 2013-02-20

[11] **2,808,664**
[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB17G13**
[54] **VARIETE DE SOYA XB17G13 A HAUT RENDEMENT**
- [72] FABRIZIUS, MARTIN A., US
[72] ROACH, MICHAEL T., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (2808664)
[87] (2808664)
[22] 2013-03-06
[30] US (13/771,198) 2013-02-20

[11] **2,808,677**
[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB19N13**
[54] **VARIETE DE SOYA XB19N13 A HAUT RENDEMENT**
- [72] CARDEN, BRIAN A., US
[72] ALT, JESSIE LYNN, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
- [86] (2808677)
[87] (2808677)
[22] 2013-03-06
[30] US (13/771,207) 2013-02-20

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[11] **2,808,684**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB21Y13**

[54] **VARIETE DE SOYA XB21Y13 A HAUT RENDEMENT**

[72] FABRIZIUS, MARTIN A., US

[72] ROACH, MICHAEL T., US

[72] STEPHENS, PAUL A., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808684)

[87] (2808684)

[22] 2013-03-06

[30] US (13/771,212) 2013-02-20

[11] **2,808,739**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB05B13**

[54] **VARIETE DE SOYA XB05B13 A HAUT RENDEMENT**

[72] HEDGES, BRADLEY R., CA

[72] GREASON, KARI, CA

[72] KRASHENINNIK, NADEJDA N., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808739)

[87] (2808739)

[22] 2013-03-06

[30] US (13/771,157) 2013-02-20

[11] **2,808,806**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB05A13**

[54] **VARIETE DE SOYA XB05A13 A HAUT RENDEMENT**

[72] KRASHENINNIK, NADEJDA N., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808806)

[87] (2808806)

[22] 2013-03-06

[30] US (13/771,155) 2013-02-20

[11] **2,808,816**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB03N13**

[54] **VARIETE DE SOYA XB03N13 A HAUT RENDEMENT**

[72] HEDGES, BRADLEY R., CA

[72] GREASON, KARI, CA

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808816)

[87] (2808816)

[22] 2013-03-06

[30] US (13/771,151) 2013-02-20

[11] **2,808,822**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB27P13**

[54] **VARIETE DE SOYA XB27P13 A HAUT RENDEMENT**

[72] KYLE, DONALD, US

[72] STREIT, LEON G., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808822)

[87] (2808822)

[22] 2013-03-06

[30] US (13/771,231) 2013-02-20

[11] **2,808,832**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB009M13**

[54] **VARIETE DE SOYA XB009M13 A HAUT RENDEMENT**

[72] KRASHENINNIK, NADEJDA N., US

[72] EIDENSHINK, JOHN MICHAEL, US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808832)

[87] (2808832)

[22] 2013-03-06

[30] US (13/771,137) 2013-02-20

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[11] **2,808,839**

[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB32M13**

[54] **VARIETE DE SOYA XB32M13 A HAUT RENDEMENT**

[72] STEIGER, DEBRA K., US

[72] STEPHENS, PAUL A., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808839)

[87] (2808839)

[22] 2013-03-06

[30] US (13/771,291) 2013-02-20

[11] **2,808,846**

[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB22Z13**

[54] **VARIETE DE SOYA XB22Z13 A HAUT RENDEMENT**

[72] ALT, JESSIE LYNN, US

[72] SPEAR, JORDAN, US

[72] STEPHENS, PAUL A., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808846)

[87] (2808846)

[22] 2013-03-06

[30] US (13/771,134) 2013-02-20

[11] **2,808,850**

[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB22T13**

[54] **VARIETE DE SOYA XB22T13 A HAUT RENDEMENT**

[72] HEDGES, BRADLEY R., CA

[72] GREASON, KARI, CA

[72] STEPHENS, PAUL A., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808850)

[87] (2808850)

[22] 2013-03-06

[30] US (13/771,215) 2013-02-20

[11] **2,808,844**

[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB32AK13**

[54] **VARIETE DE SOYA XB32AK13 A HAUT RENDEMENT**

[72] KYLE, DONALD, US

[72] CORBIN, THOMAS C., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808844)

[87] (2808844)

[22] 2013-03-06

[30] US (13/771,286) 2013-02-20

[11] **2,808,847**

[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB06T13**

[54] **VARIETE DE SOYA XBO6T13 A HAUT RENDEMENT**

[72] KRASHENINNIK, NADEJDA N., US

[72] FABRIZIUS, MARTIN A., US

[72] ROACH, MICHAEL T., US

[73] PIONEER HI-BRED INTERNATIONAL, INC., US

[86] (2808847)

[87] (2808847)

[22] 2013-03-06

[30] US (13/771,162) 2013-02-20

[11] **2,809,554**

[13] C

[51] **Int.Cl. F23D 14/70 (2006.01)**

[25] EN

[54] **FLAME DEVICE**

[54] **DISPOSITIF A FLAMME**

[72] CHEN, WEI-LONG, TW

[73] PRO-IRODA INDUSTRIES, INC., TW

[86] (2809554)

[87] (2809554)

[22] 2013-03-14

[30] TW (101109923) 2012-03-22

[11] **2,809,692**

[13] C

[51] **Int.Cl. B60K 23/04 (2006.01)**

[25] EN

[54] **VEHICLE DIFFERENTIAL LOCK DISENGAGEMENT BYPASS**

[54] **CONTOURNEMENT DE DESENGAGEMENT DU**

VERROUILLAGE DU

DIFFERENTIEL D-UN VEHICULE

[72] DUMALSKI, JOSH, CA

[73] BRANDT ROAD RAIL CORPORATION, CA

[86] (2809692)

[87] (2809692)

[22] 2013-03-15

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[11] **2,810,427**
[13] C

[51] **Int.Cl. B01F 15/00 (2006.01) B01F 15/02 (2006.01) B01F 15/04 (2006.01) B05C 17/005 (2006.01)**

[25] EN

[54] **SYNCHRONIZED DISCHARGE DEVICE, METHOD FOR SYNCHRONIZING STREAMS, AND METHOD FOR MIXING A MIXABLE MATERIAL**

[54] **DISPOSITIF DE DECHARGEMENT SYNCHRONISE, PROCEDE DE SYNCHRONISATION DE COURANTS ET PROCEDE DE MELANGE D'UN PRODUIT ENROBE**

[72] VOGT, SEBASTIAN, DE
[72] BUECHNER, HUBERT, DE
[73] HERAEUS MEDICAL GMBH, DE
[85] 2013-03-05
[86] 2011-08-10 (PCT/EP2011/003995)
[87] (WO2012/038005)
[30] DE (10 2010 046 054.0) 2010-09-22

[11] **2,811,464**
[13] C

[51] **Int.Cl. C25C 3/22 (2006.01) F17D 1/04 (2006.01) F27D 1/00 (2006.01)**

[25] EN

[54] **POT HEAT EXCHANGER**

[54] **ECHANGEUR THERMIQUE DE POT**

[72] SORHUUS, ANDERS KENNETH, NO
[72] WEDDE, GEIR, NO
[72] BJARNO, ODD EDGAR, NO
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2013-03-15
[86] 2011-09-01 (PCT/IB2011/002033)
[87] (WO2012/035391)
[30] EP (10177366.1) 2010-09-17

[11] **2,811,669**
[13] C

[51] **Int.Cl. B65D 25/00 (2006.01) B65D 1/24 (2006.01) B65D 85/30 (2006.01)**

[25] EN

[54] **TRANSPORT AND PRESENTATION BOX**

[54] **TRANSPORT ET CAISSE DE PRESENTATION**

[72] ORGELDINGER, WOLFGANG, DE
[72] DELBROUCK, KLAUS, DE
[73] IFCO SYSTEMS GMBH, DE
[85] 2013-03-19
[86] 2010-09-20 (PCT/EP2010/063807)
[87] (WO2012/037962)

[11] **2,815,562**
[13] C

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

[25] EN

[54] **SYSTEMS AND METHODS FOR EXTENSIONS AND INHERITANCE FOR UNITS OF INFORMATION MANAGEABLE BY A HARDWARE/SOFTWARE INTERFACE SYSTEM**

[54] **SYSTEMES ET PROCEDES D'EXTENSION ET D'HERITAGE POUR DES UNITES D'INFORMATIONS POUVANT ETRE GERES PAR UN SYSTEME D'INTERFACE MATERIEL/LOGICIEL**

[72] DEMIROSKI, BEKIM, US
[72] WHITNEY, ROBERT T., US
[72] THOMPSON, J. PATRICK, US
[72] NORI, ANIL K., US
[72] AGARWAL, SAMEET, US
[72] CELIS, PEDRO, US
[72] CAMPBELL, DAVID G., US
[72] TEREK, F. SONER, US
[72] CAMERON, KIM, US
[72] SMITH, WALTER R., US
[72] SHAKIB, DARREN A., US
[72] BALLOU, NATHANIEL H., US
[72] ACHARYA, SRINIVASMURTHY P., US
[72] RAMAN, BALAN SETHU, US
[72] SPIRO, PETER M., US
[73] MICROSOFT CORPORATION, US
[86] (2815562)
[87] (2815562)
[22] 2004-07-29
[62] 2,506,337
[30] US (10/646,580) 2003-08-21
[30] US (PCT/US2003/026144) 2003-08-21
[30] US (10/693,574) 2003-10-24

[11] **2,817,163**
[13] C

[51] **Int.Cl. G01N 27/30 (2006.01) G01N 27/416 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MEASURING OXIDATION-REDUCTION POTENTIAL**

[54] **PROCEDE ET APPAREIL POUR MESURER UN POTENTIEL D'OXYDO-REDUCTION**

[72] BAR-OR, RAPHAEL, US
[72] BAR-OR, DAVID, US
[72] RAEL, LEONARD T., US
[73] LUOXIS DIAGNOSTICS, INC., US
[85] 2013-05-06
[86] 2012-02-28 (PCT/US2012/026884)
[87] (WO2012/118784)
[30] US (61/447,568) 2011-02-28

[11] **2,818,646**
[13] C

[51] **Int.Cl. E04B 2/86 (2006.01) E04G 13/00 (2006.01)**

[25] EN

[54] **CORNER WALL FORM**

[54] **BRANCHE MURALE D'ANGLE**

[72] AMEND, VICTOR, CA
[73] AMEND, VICTOR, CA
[86] (2818646)
[87] (2818646)
[22] 2013-06-11
[30] US (61/658,384) 2012-06-11

[11] **2,819,969**
[13] C

[51] **Int.Cl. B64C 27/51 (2006.01) B64C 27/54 (2006.01) F16F 9/54 (2006.01)**

[25] FR

[54] **HELICOPTOR ROTOR EQUIPPED WITH DRAG DAMPERS LOCATED IN BLADE LINKAGE SLEEVES TO A ROTOR HUB**

[54] **ROTOR DE GIRAVION EQUIPE D'AMORTISSEURS DE TRAINEE LOGES DANS DES MANCHONS DE LIAISON DE PALES A UN MOYEU DU ROTOR**

[72] AMARI, ANDRE, FR
[72] GAFFIERO, JACQUES, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2819969)
[87] (2819969)
[22] 2013-06-25
[30] FR (12 01986) 2012-07-12

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[11] **2,820,232**
[13] C

[51] **Int.Cl. E04D 1/30 (2006.01) E04D 1/12 (2006.01) E04D 1/34 (2006.01)**

[25] EN

[54] **SHINGLE WITH INTERLOCKING WATER DIVERTER TABS**

[54] **BARDEAU DOTE DE JUPES DE DEVIATION DE L'EAU A EMBOITEMENT**

[72] MARTINIQUE, JEFF, US

[73] DA VINCI ROOFSCAPES, L.L.C., US

[86] (2820232)

[87] (2820232)

[22] 2005-03-11

[62] 2,559,899

[30] US (60/552,418) 2004-03-11

[11] **2,821,018**
[13] C

[51] **Int.Cl. F25C 1/22 (2006.01)**

[25] EN

[54] **HOLLOW ICE-MAKING FORMING MOULD AND USAGE THEREOF**

[54] **MOULE CREUX DE FORMAGE ET DE GENERATION DE GLACE ET SON UTILISATION**

[72] XU, DEQIN, CN

[72] ZHEN, SHIHUA, CA

[73] ZHEN, SHIHUA, CA

[85] 2013-06-10

[86] 2011-06-23 (PCT/CN2011/076189)

[87] (WO2012/167454)

[30] CN (201120188102.2) 2011-06-07

[11] **2,821,049**
[13] C

[51] **Int.Cl. A47J 31/42 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) B65D 81/34 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **BREWED BEVERAGE APPLIANCE AND METHOD**

[54] **APPAREIL A PREPARER DES BOISSONS BRASSEES ET PROCEDE**

[72] LAI, KIN MAN, CN

[72] FUNG, KAM FAI, CN

[72] SCHNABEL, BARBARA LYNN, US

[72] ORENT, JILL FRANCES KREUTZER, US

[73] CONAIR CORPORATION, US

[85] 2013-07-09

[86] 2012-06-27 (PCT/US2012/044288)

[87] (WO2013/101302)

[30] US (13/338,926) 2011-12-28

[11] **2,824,181**
[13] C

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/24 (2006.01) E21B 43/267 (2006.01) F23C 13/00 (2006.01)**

[25] EN

[54] **FRACTURING SYSTEM AND METHOD FOR AN UNDERGROUND FORMATION**

[54] **SYSTEME ET PROCEDE DE FRACTURATION POUR UNE FORMATION SOUTERRAINE**

[72] NEVISON, GRANT W., CA

[73] MILLENNIUM STIMULATION SERVICES LTD., CA

[85] 2013-07-09

[86] 2011-10-03 (PCT/CA2011/001113)

[87] (WO2012/097425)

[30] US (61/433,441) 2011-01-17

[11] **2,824,206**
[13] C

[51] **Int.Cl. E21B 43/26 (2006.01)**

[25] EN

[54] **FRACTURING SYSTEM AND METHOD FOR AN UNDERGROUND FORMATION USING NATURAL GAS AND AN INERT PURGING FLUID**

[54] **SYSTEME ET PROCEDE DE FRACTURATION POUR UNE FORMATION SOUTERRAINE UTILISANT DU GAZ NATUREL ET UN FLUIDE DE PURGE INERTE**

[72] NEVISON, GRANT W., CA

[73] MILLENNIUM STIMULATION SERVICES LTD., CA

[85] 2013-07-09

[86] 2011-10-03 (PCT/CA2011/001114)

[87] (WO2012/097426)

[30] US (61/433,441) 2011-01-17

[11] **2,824,601**
[13] C

[51] **Int.Cl. A45D 34/04 (2006.01) A45D 40/26 (2006.01)**

[25] EN

[54] **A SYSTEM FOR SAMPLING A HEATED PRODUCT**

[54] **SYSTEME PERMETTANT D'ECHANTILLONNER UN PRODUIT CHAUFFE**

[72] BOUIX, HERVE F., US

[72] CORBELLINI, FRANCIS, FR

[72] JACOB, CHRISTOPHE, FR

[73] ELC MANAGEMENT LLC, US

[85] 2013-06-25

[86] 2011-12-20 (PCT/US2011/066189)

[87] (WO2012/092024)

[30] US (12/980,526) 2010-12-29

[11] **2,835,444**
[13] C

[51] **Int.Cl. H04M 3/46 (2006.01) G06Q 50/20 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR USING CALLER DATA TO ADD A PHONE NUMBER TO AN OUTBOUND-CALL LIST**

[54] **SYSTEMES ET METHODES PERMETTANT D'UTILISER LES DONNEES DE L'APPELANT POUR AJOUTER UN NUMERO DE TELEPHONE A UNE LISTE D'APPELS SORTANTS**

[72] HUNDEMER, HANK J., US

[73] TRIBUNE BROADCASTING COMPANY, LLC, US

[86] (2835444)

[87] (2835444)

[22] 2013-11-27

[30] US (13/691,294) 2012-11-30

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[11] **2,836,989**
[13] C

[51] **Int.Cl. A44C 5/02 (2006.01) A44C 5/00 (2006.01) A44C 5/04 (2006.01) A44C 25/00 (2006.01) A44C 27/00 (2006.01)**

[25] EN

[54] **BRUNNIAN LINK MAKING DEVICE AND KIT**

[54] **DISPOSITIF ET KIT DE CREATION D'ENTRELACS BRUNNIENS**

[72] NG, CHEONG CHOON, US

[73] CHOON'S DESIGN INC., US

[85] 2013-11-21

[86] 2011-06-23 (PCT/US2011/041553)

[87] (WO2012/060906)

[30] US (61/410,399) 2010-11-05

[11] **2,837,834**
[13] C

[51] **Int.Cl. C22B 59/00 (2006.01) C22B 3/26 (2006.01)**

[25] EN

[54] **SCANDIUM EXTRACTION METHOD**

[54] **PROCEDE D'EXTRACTION DU SCANDIUM**

[72] GOTO, MASAHIRO, JP

[72] KUBOTA, FUKIKO, JP

[72] BABA, YUZO, JP

[73] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP

[73] SUMITOMO METAL MINING CO., LTD., JP

[85] 2013-11-29

[86] 2013-02-21 (PCT/JP2013/054419)

[87] (WO2013/136941)

[30] JP (2012-056134) 2012-03-13

[11] **2,838,094**
[13] C

[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/12 (2006.01) E21B 33/124 (2006.01)**

[25] EN

[54] **MULTI-STAGE WELL ISOLATION AND FRACTURING**

[54] **ISOLATION ET FRACTURATION DE Puits MULTIETAGE**

[72] HUGHES, JOHN, CA

[72] RASMUSSEN, RYAN D., CA

[72] SCHMIDT, JAMES W., CA

[73] RESOURCE COMPLETION SYSTEMS INC., CA

[86] (2838094)

[87] (2838094)

[22] 2013-12-20

[30] US (61/745,123) 2012-12-21

[11] **2,841,691**
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01)**

[25] EN

[54] **METHOD FOR STREAMING DATA BETWEEN A SERVER AND A CLIENT**

[54] **METHODE DE TRANSMISSION PAR FLOTS DE DONNEES ENTRE UN SERVEUR ET UN ABONNE**

[72] WARREN, JOSEPH R., US

[72] ZHONG, MIN, US

[72] FROELICH, KARL, US

[72] BONILLA, NICOLE A., US

[72] NOVITSKEY, ROBERT R., US

[72] DUN, ALEC, US

[72] GRAY, RONALD ERIC, US

[72] HARTWELL, AARON, US

[72] GODDARD, STEVEN F., US

[72] POWER, BRENDAN, US

[73] MICROSOFT CORPORATION, US

[86] (2841691)

[87] (2841691)

[22] 2003-12-08

[62] 2,452,527

[30] US (60/437,869) 2003-01-03

[30] US (10/367,161) 2003-02-14

[11] **2,843,321**
[13] C

[51] **Int.Cl. F04B 49/06 (2006.01) F04B 47/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PUMPING FLUID**

[54] **PROCEDE ET APPAREIL POUR POMPER DU FLUIDE**

[72] FARSHORI, FARHAN, CA

[72] OBREJANU, MARCEL, CA

[73] FLUICA INC., CA

[86] (2843321)

[87] (2843321)

[22] 2014-02-21

[11] **2,843,706**
[13] C

[51] **Int.Cl. H05C 1/02 (2006.01) A22B 3/06 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD USING ELECTROMAGNETIC RADIATION FOR STUNNING ANIMALS TO BE SLAUGHTERED**

[54] **APPAREIL ET METHODE UTILISANT LE RAYONNEMENT ELECTROMAGNETIQUE POUR ASSOMMER LES ANIMAUX A ABATTRE**

[72] SUMMERFIELD, JOHN W., US

[72] CANNON, JERRY E., US

[72] KIMREY, HAROLD D., US

[73] HORMEL FOODS CORPORATION, US

[86] (2843706)

[87] (2843706)

[22] 2014-02-24

[30] US (13/835,694) 2013-03-15

[11] **2,844,558**
[13] C

[51] **Int.Cl. A63B 23/02 (2006.01) A63B 23/00 (2006.01)**

[25] EN

[54] **MULTIPURPOSE EXERCISE APPARATUS**

[54] **APPAREIL D'EXERCICE POLYVALENT**

[72] DEIS, DALE, CA

[73] PERFECT BALANCE REHABILITATION, CA

[85] 2013-12-17

[86] 2013-09-04 (PCT/CA2013/000760)

[87] (2844558)

[30] US (61/697,203) 2012-09-05

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[11] **2,845,285**
[13] C

[51] **Int.Cl. B61C 3/02 (2006.01) H02J 1/00 (2006.01) H02J 7/00 (2006.01) H02P 7/00 (2006.01)**

[25] EN

[54] **A BATTERY-POWERED ALL-ELECTRIC LOCOMOTIVE AND RELATED LOCOMOTIVE AND TRAIN CONFIGURATIONS**

[54] **LOCOMOTIVE TOUT ELECTRIQUE ALIMENTEE PAR BATTERIE ET CONFIGURATIONS DE LOCOMOTIVE ET DE TRAIN ASSOCIEES**

[72] BARBEE, GIBSON V., US
[72] THELEN, GERHARD A., US
[72] RUNYON, ROBERT S., US
[72] CONRAD, LARRY, US
[72] VANDER KLIPPE, DERICK, CA
[73] NORFOLK SOUTHERN CORPORATION, US

[86] (2845285)
[87] (2845285)
[22] 2010-04-06
[62] 2,760,576
[30] US (12/434,393) 2009-05-01

[11] **2,845,523**
[13] C

[51] **Int.Cl. G06F 21/00 (2013.01) G06F 9/24 (2006.01) G06F 11/14 (2006.01)**

[25] EN

[54] **SECURE RECOVERY APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE RECUPERATION SECURISEE**

[72] TABONE, RYAN, US
[72] SPANGLER, RANDALL R., US
[73] GOOGLE INC., US

[85] 2014-02-14
[86] 2012-07-26 (PCT/US2012/048385)
[87] (WO2013/025321)
[30] US (13/211,271) 2011-08-16

[11] **2,847,659**
[13] C

[51] **Int.Cl. B23B 45/14 (2006.01) B23B 41/00 (2006.01) B23B 51/04 (2006.01)**

[25] EN

[54] **PORTABLE HOLE SAW APPARATUS AND METHODS OF FORMING A SUMP**

[54] **APPAREIL DE SCIE CLOCHE PORTATIF ET METHODES DE FORMATION D'UN PUISARD**

[72] STUHL, JACK, CA
[73] STUHL, JACK, CA

[86] (2847659)
[87] (2847659)
[22] 2014-03-27

[11] **2,849,403**
[13] C

[51] **Int.Cl. G01R 31/40 (2014.01)**

[25] EN

[54] **LOAD TESTING MACHINE**

[54] **MACHINE D'ESSAI DE CHARGE**

[72] KONDI, TOYOSHI, JP
[73] TATSUMI CORPORATION, JP

[85] 2014-04-15
[86] 2013-08-22 (PCT/JP2013/004964)
[87] (2849403)
[30] JP (PCT/JP2013/000249) 2013-01-21
[30] JP (PCT/JP2013/003433) 2013-05-30

[11] **2,852,191**
[13] C

[51] **Int.Cl. B64F 5/00 (2006.01) B23P 21/00 (2006.01) B64C 3/00 (2006.01)**

[25] EN

[54] **ROBOT-DEPLOYED ASSEMBLY TOOL AND METHOD FOR INSTALLING FASTENERS IN AIRCRAFT STRUCTURES**

[54] **OUTIL D'ASSEMBLAGE A DEPLOIEMENT DE ROBOT ET PROCEDE D'INSTALLATION D'ATTACHES DANS DES STRUCTURES D'AERONEF**

[72] TOH, CHIN H., US
[72] HARMAN, EDWARD BRUCE, US
[72] SARH, BRANKO, US
[73] THE BOEING COMPANY, US

[86] (2852191)
[87] (2852191)
[22] 2007-12-19
[62] 2,672,302
[30] US (11/618,431) 2006-12-29

[11] **2,855,309**
[13] C

[51] **Int.Cl. A61K 9/70 (2006.01) B32B 7/12 (2006.01) B65D 81/26 (2006.01) C09J 11/06 (2006.01) A61K 31/4045 (2006.01) A61M 37/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING PATCH, PATCH AND PACKAGE**

[54] **PROCEDE DE FABRICATION DE TIMBRE, TIMBRE ET EMBALLAGE**

[72] YOSHIZAKI, TAKAHITO, JP
[72] TANAKA, KOUJI, JP
[72] AIDA, KAZUNOSUKE, JP
[72] KAIHO, TERUMITSU, JP
[72] TSUTSUMI, NOBUO, JP
[73] HISAMITSU PHARMACEUTICAL CO., INC., JP

[86] (2855309)
[87] (2855309)
[22] 2014-06-27
[30] JP (2013-137147) 2013-06-28

[11] **2,865,669**
[13] C

[51] **Int.Cl. B63B 19/12 (2006.01) B63B 19/24 (2006.01)**

[25] EN

[54] **AN APPARATUS, AN ARRANGEMENT AND A METHOD FOR LOCKING AN UNDERWATER HATCH OR OTHER REMOVABLE STRUCTURE**

[54] **APPAREIL, AGENCEMENT ET PROCEDE PERMETTANT DE VERROUILLER UNE ECOUILLE SOUS-MARINE OU UNE AUTRE STRUCTURE AMOVIBLE**

[72] PUUSTELLI, JOONAS, FI
[72] RINTALA, TIMO, FI
[72] SUUTARI, JUHANI, FI
[72] TOIVONEN, OLLI, FI
[73] BEACON FINLAND LTD OY, FI

[85] 2014-08-27
[86] 2013-04-03 (PCT/FI2013/000015)
[87] (WO2013/150174)
[30] FI (20125387) 2012-04-04
[30] FI (20125461) 2012-04-26

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<p>[21] 2,820,406 [13] A1</p> <p>[51] Int.Cl. A01M 23/16 (2006.01) [25] EN [54] BLACK DEATH GOPHER GETTER [54] ELIMINATEUR DE SPERMOPHILES « PESTE NOIRE »</p> <p>[72] LAYE, DOUGLAS GEORGE, CA [71] LAYE, DOUGLAS GEORGE, CA [22] 2013-08-02 [41] 2015-02-02</p>	<p>[21] 2,822,279 [13] A1</p> <p>[51] Int.Cl. C09K 8/68 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01) [25] EN [54] COMPOSITION AND METHOD TO REPLACE POLYSACCHARIDES IN HYDRAULIC FRACTURING [54] COMPOSITION ET PROCEDE POUR REMPLACER LES POLYSACCHARIDES DANS LA FRACTURATION HYDRAULIQUE</p> <p>[72] KAKADJIAN, SARKIS R., US [72] ZAMORA, FRANK, US [71] TRICAN WELL SERVICE LTD., CA [22] 2013-08-01 [41] 2015-02-01</p>	<p>[21] 2,822,563 [13] A1</p> <p>[51] Int.Cl. G05B 19/19 (2006.01) B23Q 35/00 (2006.01) [25] EN [54] DEVICE, SYSTEM AND METHODS FOR AUTOMATIC DEVELOPMENT AND OPTIMIZATION OF POSITIONING PATHS FOR MULTI-AXIS NUMERICALLY CONTROLLED MACHINING [54] DISPOSITIF, SYSTEME ET PROCEDES POUR LE DEVELOPPEMENT ET L'OPTIMISATION AUTOMATIQUE DE VOIES DE POSITIONNEMENT POUR L'USINAGE A COMMANDE NUMERIQUE MULTIAXIAL</p> <p>[72] BARAKCHI FARD, MOHAMMAD JAVAD, CA [72] NOWAK, ADAM, CA [72] FRANCIS, BRIAN R., CA [71] ICAM RESEARCH CORPORATION, CA [22] 2013-08-02 [41] 2015-02-02</p>
<p>[21] 2,822,277 [13] A1</p> <p>[51] Int.Cl. C10G 1/00 (2006.01) C10G 1/04 (2006.01) C07C 2/06 (2006.01) [25] EN [54] THE MANUFACTURE OF A LOW MOLECULAR WEIGHT HYDROCARBON FLUID [54] FABRICATION D'UN FLUIDE HYDROCARBONE DE FAIBLE POIDS MOLECULAIRE</p> <p>[72] MATTHEWS, STEPHEN D., US [71] MATTHEWS, STEPHEN D., US [22] 2013-08-01 [41] 2015-02-01</p>	<p>[21] 2,822,541 [13] A1</p> <p>[51] Int.Cl. G09F 7/00 (2006.01) F16B 5/06 (2006.01) F21V 17/16 (2006.01) G09F 7/18 (2006.01) G09F 13/04 (2006.01) [25] EN [54] CHANNEL SIGN ASSEMBLY AND RETAINING TRIM CAP [54] ENSEMBLE ENSEIGNE ET CAPUCHON D'HABILLAGE DE RETENUE</p> <p>[72] BOYER, CLYDE H., US [71] BOYER, CLYDE H., US [22] 2013-08-01 [41] 2015-02-01</p>	<p>[21] 2,822,569 [13] A1</p> <p>[51] Int.Cl. E04B 1/62 (2006.01) [25] EN [54] ADHERENT WATER VAPOUR PERMEABLE AIR AND MOISTURE BARRIER SHEET MATERIAL [54] MATERIAU DE FEUILLE ETANCHE A L'AIR ET A L'HUMIDITE PERMEABLE A LA VAPEUR D'EAU ET ADHERENT</p> <p>[72] JABLONKA, MARCUS, CA [71] EWALD DOERKEN AG, DE [22] 2013-08-01 [41] 2015-02-01</p>
<p>[21] 2,822,278 [13] A1</p> <p>[51] Int.Cl. C10G 1/00 (2006.01) C10G 1/04 (2006.01) C07C 2/06 (2006.01) [25] EN [54] THE MANUFACTURE OF A LOW MOLECULAR WEIGHT HYDROCARBON FLUID [54] FABRICATION D'UN FLUIDE HYDROCARBONE DE FAIBLE POIDS MOLECULAIRE</p> <p>[72] MATTHEWS, STEPHEN D., US [71] MATTHEWS, STEPHEN D., US [22] 2013-08-01 [41] 2015-02-01</p>		

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[21] **2,822,586**
[13] A1

[51] **Int.Cl. G01L 7/02 (2006.01) G01L 7/04 (2006.01)**
[25] EN
[54] **A PIEZOMETER**
[54] **PIEZOMETRE**
[72] HONG, YING CHI, HK
[71] ACTIVE TOOLS INTERNATIONAL (HK) LTD., HK
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,605**
[13] A1

[51] **Int.Cl. C02F 1/42 (2006.01) C02F 1/44 (2006.01) E21B 43/24 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **TREATMENT OF DE-OILED OILFIELD PRODUCED WATER OR DE-OILED PROCESS AFFECTED WATER FROM HYDROCARBON PRODUCTION**
[54] **TRAITEMENT D'EAU PRODUITE SUR UN CHAMP PETROLIFERE DESHUILEE OU D'EAU CONTAMINEE PAR LES PROCEDES DESHUILEE ISSUE DE LA PRODUCTION D'HYDROCARBURES**
[72] SPEIRS, BRIAN C., CA
[72] BARTLETT, BRUCE K., CA
[72] SARKAR, AMITAVA, CA
[72] ADEYINKA, OLUSOLA B., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,629**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **METHOD OF SELLING FARM EQUIPMENT**
[54] **METHODE DE VENTE D'EQUIPEMENT AGRICOLE**
[72] BEAUJOT, NORBERT, CA
[71] STRAW TRACK MANUFACTURING INC., CA
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,631**
[13] A1

[51] **Int.Cl. B24B 55/10 (2006.01) A47L 9/00 (2006.01)**
[25] EN
[54] **SANDING DEVICE, AND SANDING ASSEMBLY INCLUDING THE SAME**
[54] **DISPOSITIF DE PONCAGE ET ENSEMBLE DE PONCAGE LE COMPRENANT**
[72] ARVINTE, ROMEO, CA
[72] PANFILL, FRANCOIS, CA
[71] A. RICHARD TOOLS CO./OUTILS A. RICHARD CO., CA
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,667**
[13] A1

[51] **Int.Cl. B65F 1/06 (2006.01) B65D 25/14 (2006.01) B65D 25/20 (2006.01)**
[25] EN
[54] **RETAINING COLLAR FOR LINER-CONTAINING VESSEL**
[54] **COL DE RETENUE POUR CONTENANT A REVETEMENT**
[72] SIRKO, JANET, CA
[71] SIRKO, JANET, CA
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,677**
[13] A1

[51] **Int.Cl. B65F 1/16 (2006.01)**
[25] EN
[54] **THE GREEN SLEEVE**
[54] **LE COUVERCLE VERT**
[72] QUAMINA, SAARAH ANTHONY, CA
[71] QUAMINA, SAARAH ANTHONY, CA
[22] 2013-08-02
[41] 2015-02-02

[21] **2,822,692**
[13] A1

[51] **Int.Cl. B42F 7/04 (2006.01) B42F 7/02 (2006.01)**
[25] EN
[54] **IMPROVED FOLDER AND BLANK FOR MAKING SAME**
[54] **POCHETTE AMELIOREE ET DECOUPE POUR REALISER CELLE-CI**
[72] MAKOFSKY, MARVIN A., US
[72] MAKOFSKY, ROBERT, US
[72] MAKOFSKY MCCONNELL, SARI, US
[71] CONFORMER PRODUCTS, INC., US
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,697**
[13] A1

[51] **Int.Cl. B65D 27/00 (2006.01) B42D 15/08 (2006.01) B42F 7/02 (2006.01)**
[25] EN
[54] **BLANK FOR MAKING A MAILER AND MAILER MADE THEREBY**
[54] **DECOUPE POUR REALISER UN COFFRET D'EXPEDITION ET COFFRET D'EXPEDITION AINSI REALISE**
[72] MAKOFSKY, MARVIN A., US
[72] MAKOFSKY, ROBERT, US
[72] MAKOFSKY MCCONNELL, SARI, US
[71] CONFORMER PRODUCTS, INC., US
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,714**
[13] A1

[51] **Int.Cl. B08B 1/04 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **ROTARY BRUSH CONSTRUCTION FOR WASHING SYSTEMS, PARTICULARLY FOR WASHING VEHICLES**
[54] **STRUCTURE A BROSSES ROTATIVES POUR SYSTEMES DE LAVAGE CONCUE PARTICULIEREMENT POUR LE LAVAGE DES VEHICULES**
[72] BERNARDI PIRINI, FERNANDINO, IT
[71] R&D - RESEARCH & DEVELOPMENT S.R.L., IT
[22] 2013-08-01
[41] 2015-02-01

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[21] **2,822,733**
[13] A1

[51] **Int.Cl. B60S 3/06 (2006.01)**
[25] EN
[54] **ROTARY BRUSH CONSTRUCTION, PARTICULARLY FOR VEHICLE WASHING SYSTEMS**

[54] **STRUCTURE A BROSSES ROTATIVES CONCUE PARTICULIEREMENT POUR LES SYSTEMES DE LAVAGE DE VEHICULES**

[72] BERNARDI PIRINI, FERNANDINO, IT
[71] R&D - RESEARCH & DEVELOPMENT S.R.L., IT
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,735**
[13] A1

[51] **Int.Cl. A01M 1/02 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE GENERATOR FOR BED BUG TRAPS AND OTHER USES**

[54] **GENERATEUR DE DIOXYDE DE CARBONE POUR PIEGES A PUNAISES DES LITS ET AUTRES UTILISATIONS**

[72] VASUDEVA, KAILASH C., CA
[72] SINGH, SATNAM, CA
[72] MADEIROS, JOSE A. DA C., CA
[71] BUG ELIMINATION AND PREVENTION CORPORATION, CA
[22] 2013-08-01
[41] 2015-02-01

[21] **2,822,757**
[13] A1

[51] **Int.Cl. A63B 59/70 (2015.01)**
[25] EN
[54] **HOCKEY STICK WITH PLASTIC WEAR STRIP**

[54] **BATON DE HOCKEY AVEC BANDE D'USURE EN PLASTIQUE**

[72] BYTENSKY, VADIM, CA
[72] HARINDRAN, NITHIANANTHAN, CA
[72] CLAIRMONT, CURTIS G., CA
[72] KOABEL, LARRY G., CA
[71] HERITAGE WOOD SPECIALTIES INC., CA
[22] 2013-08-02
[41] 2015-02-02

[21] **2,822,759**
[13] A1

[51] **Int.Cl. A43B 13/18 (2006.01) A43B 7/32 (2006.01) A43B 13/20 (2006.01)**
[25] EN
[54] **FOOTWEAR HAVING CUSHIONING BETWEEN SOLE AND UPPER**

[54] **CHAUSSURE COMPORTANT UN COUSSINAGE ENTRE LA SEMELLE ET LA TIGE**

[72] DESMARAIS, RICHARD PATRICK, CA
[71] DESMARAIS, RICHARD PATRICK, CA
[22] 2013-08-05
[41] 2015-02-05

[21] **2,822,762**
[13] A1

[51] **Int.Cl. A63B 69/00 (2006.01) A63B 67/14 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR DETERMINING THE EFFECTIVENESS OF A PERSON SWEEPING FOR THE SPORT OF CURLING**

[54] **APPAREIL, SYSTEME ET PROCEDE PERMETTANT DE DETERMINER L'EFFICACITE D'UN BALAYEUR AU CURLING**

[72] HAMILTON, WILLIAM E. A., CA
[72] FLEMMING, ANDREW, CA
[72] FOWLER, GEOFF, CA
[71] HAMILTON, WILLIAM E. A., CA
[71] FLEMMING, ANDREW, CA
[71] FOWLER, GEOFF, CA
[22] 2013-08-06
[41] 2015-02-06

[21] **2,822,770**
[13] A1

[51] **Int.Cl. G06Q 99/00 (2006.01) G06Q 20/34 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **BULLION CARD**

[54] **CARTE-LINGOT**

[72] UNKNOWN, ZZ
[71] DEE, DEREK, CA
[22] 2013-08-06
[41] 2015-02-06

[21] **2,822,822**
[13] A1

[51] **Int.Cl. H04R 1/10 (2006.01) H04R 3/04 (2006.01)**
[25] EN
[54] **STERO HEADSET WITH NOISE SUPPRESSION**

[54] **CASQUE D'ECOUTE STEREO AVEC ELIMINATION DE BRUIT**

[72] KUKURUDZA, VLADIMIR WALTER, CA
[71] KUKURUDZA, VLADIMIR WALTER, CA
[22] 2013-08-02
[41] 2015-02-02

[21] **2,822,927**
[13] A1

[51] **Int.Cl. C02F 9/02 (2006.01) C02F 1/00 (2006.01) C02F 1/38 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **THE FRAC VAP**

[54] **SYSTEME FRAC VAP**

[72] BUSH, GARRY, CA
[71] BUSH, GARRY, CA
[22] 2013-08-05
[41] 2015-02-05

[21] **2,822,946**
[13] A1

[51] **Int.Cl. G03B 37/02 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR GENERATING COMPOSITE IMAGES**

[54] **PROCEDES ET APPAREIL D'ELABORATION D'IMAGES COMPOSITES**

[72] LOWE, DAVID, CA
[72] CLARK, GEOFFREY, CA
[72] BROWN, MATTHEW, GB
[72] BEIS, JEFFREY, US
[71] CLOUDBURST RESEARCH INC., CA
[22] 2013-08-01
[41] 2015-02-01

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[21] **2,822,956**
[13] A1

[51] **Int.Cl. F03G 7/10 (2006.01) F03G 3/00 (2006.01)**
[25] EN
[54] **ANGUS GRAVITY POWER SOURCE**
[54] **SOURCE D'ENERGIE PAR GRAVITE ANGUS**
[72] BRANCH, ANGUS J., CA
[71] BRANCH, ANGUS J., CA
[22] 2013-08-05
[41] 2015-02-05

[21] **2,822,985**
[13] A1

[51] **Int.Cl. D06F 57/04 (2006.01)**
[25] EN
[54] **DEVICE FOR DRYING AND SANITIZING ITEMS, E.G. SPORTS EQUIPMENT AND CLOTHING**
[54] **DISPOSITIF POUR ASSECHER ET ASSAINIR DES ARTICLES, COMME DES VETEMENTS ET DE L'EQUIPEMENT DE SPORT**
[72] CIARALLO, DOMENICO M., CA
[71] CIARALLO, DOMENICO M., CA
[22] 2013-08-01
[41] 2015-02-01

[21] **2,823,000**
[13] A1

[51] **Int.Cl. B65D 1/34 (2006.01)**
[25] EN
[54] **CHILDREN'S WARMING PLATE**
[54] **PLAQUE CHAUFFANTE POUR ENFANTS**
[72] SMITH-WHITE, LANETTE Y., CA
[71] SMITH-WHITE, LANETTE Y., CA
[22] 2013-08-05
[41] 2015-02-05

[21] **2,823,031**
[13] A1

[51] **Int.Cl. E21B 19/06 (2006.01)**
[25] EN
[54] **PUSH / PULL SYSTEM AND SUPPORT STRUCTURE FOR SNUBBING UNIT OR THE LIKE ON A RIG FLOOR**
[54] **SYSTEME DE TYPE POUSSER-TIRER ET STRUCTURE DE SOUTIEN POUR APPAREIL DE FORAGE SOUS PRESSION OU ELEMENT SIMILAIRE SUR UN PLANCHER DE FORAGE**
[72] TUCKEN, BRIAN, CA
[71] TUCKEN, BRIAN, CA
[22] 2013-08-05
[41] 2015-02-04
[30] US (61862080) 2013-08-04

[21] **2,823,140**
[13] A1

[51] **Int.Cl. A41D 13/05 (2006.01) A41D 13/08 (2006.01)**
[25] EN
[54] **PROTECTIVE PADDING FOR GARMENTS, AND A CORRESPONDING GARMENT**
[54] **REMBOURRAGE DE PROTECTION POUR VETEMENTS ET VETEMENT CORRESPONDANT**
[72] HARDY, PHILIPPE, CA
[71] 9205-5300 QUEBEC INC., CA
[22] 2013-08-06
[41] 2015-02-06

[21] **2,823,351**
[13] A1

[51] **Int.Cl. F03D 5/02 (2006.01) F01D 23/00 (2006.01) F03B 9/00 (2006.01) F03B 17/06 (2006.01) F03D 5/00 (2006.01)**
[25] EN
[54] **ENERGY WINDMILL**
[54] **EOLIENNE D'ENERGIE**
[72] BEAUDOIN, NORMAND, CA
[71] BEAUDOIN, NORMAND, CA
[22] 2013-08-07
[41] 2015-02-07

[21] **2,836,647**
[13] A1

[51] **Int.Cl. A43B 23/00 (2006.01) A43B 23/24 (2006.01)**
[25] EN
[54] **ARTICLES OF FOOTWEAR**
[54] **ARTICLES CHAUSSANTS**
[72] LOVERIN, MARC R., US
[72] WOJCIESZAK, CRAIG M., US
[71] WOLVERINE WORLD WIDE, INC., US
[22] 2013-12-11
[41] 2015-02-05
[30] US (61/862,339) 2013-08-05
[30] US (14/069,813) 2013-11-01

[21] **2,837,580**
[13] A1

[51] **Int.Cl. B65D 81/32 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **BEVERAGE CARTRIDGE**
[54] **CARTOUCHE DE BOISSON**
[72] CARDOSO, DANIEL GONCALVES, CA
[71] 1675119 ONTARIO INC., CA
[22] 2013-12-19
[41] 2015-02-02
[30] US (13/957,895) 2013-08-02
[30] CA (2,822,791) 2013-08-02

[21] **2,839,607**
[13] A1

[51] **Int.Cl. A41F 1/00 (2006.01) A44B 1/00 (2006.01) A44B 5/00 (2006.01)**
[25] EN
[54] **ARTICLE OF CLOTHING HAVING MAGNETIC FASTENING ASSEMBLIES**
[54] **VETEMENT COMPORTANT DES ENSEMBLES DE FIXATION MAGNETIQUES**
[72] HORTON, MAURA M., US
[71] HORTON, MAURA M., US
[22] 2014-01-17
[41] 2015-02-07
[30] US (13/961,363) 2013-08-07
[30] US (14/066,787) 2013-10-30

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[21] **2,851,876**
[13] A1

[51] **Int.Cl. B01J 8/40 (2006.01) B01J 19/10 (2006.01) B22F 3/093 (2006.01) B22F 3/24 (2006.01) B28B 11/24 (2006.01) C04B 35/64 (2006.01)**

[25] EN

[54] **METHOD OF SUPPORTING A PART**

[54] **METHODE DE SOUTIEN D'UNE PIECE**

[72] SCALZO, ORLANDO, CA

[72] CAMPOMANES, MARC LORENZO, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2014-05-13

[41] 2015-02-07

[30] US (13/960,937) 2013-08-07

[21] **2,852,302**
[13] A1

[51] **Int.Cl. H01P 1/39 (2006.01)**

[25] EN

[54] **FERRITE CIRCULATOR WITH REDUCED-HEIGHT TRANSFORMERS**

[54] **CIRCULATEUR EN FERRITE AVEC TRANSFORMATEURS A HAUTEUR REDUITE**

[72] COVERT, LANCE, US

[72] KROENING, ADAM, M., US

[71] HONEYWELL INTERNATIONAL INC., US

[22] 2014-05-23

[41] 2015-02-06

[30] US (13/959,977) 2013-08-06

[21] **2,853,847**
[13] A1

[51] **Int.Cl. B23Q 9/02 (2006.01) B25J 11/00 (2006.01) B62D 57/032 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **MULTIFUNCTION LEGS FOR AUTONOMOUS CRAWLING ASSEMBLY EQUIPMENT**

[54] **PATTES MULTIFONCTIONS POUR EQUIPEMENT D'ASSEMBLAGE SUR CHENILLES AUTONOME**

[72] SARH, BRANKO, US

[72] GAMBOA, JAMES DARRYL, US

[71] THE BOEING COMPANY, US

[22] 2014-06-06

[41] 2015-02-01

[30] US (13/957,000) 2013-08-01

[21] **2,853,959**
[13] A1

[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**

[25] EN

[54] **INTEGRATED STRUT AND VANE ARRANGEMENTS**

[54] **AGENCEMENTS D'ENTRETOISES ET D'AUBES INTEGREES**

[72] PARADIS, VINCENT, CA

[72] PIETROBON, JOHN, CA

[72] BOUCHARD, RICHARD, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2014-06-09

[41] 2015-02-07

[30] US (13/961,136) 2013-08-07

[21] **2,854,761**
[13] A1

[51] **Int.Cl. A01K 39/012 (2006.01) A01K 5/02 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR FEEDING AN ANIMAL A CONSUMABLE FEED PRODUCT AND VEGETATION FROM A CONTAINER**

[54] **PROCEDE ET SYSTEME POUR NOURRIR UN ANIMAL AVEC UN PRODUIT D'ALIMENTATION CONSOMMABLE ET DE LA VEGETATION A PARTIR D'UN CONTENANT**

[72] MILLER, BILL L., US

[72] BURR, MICHAEL S., US

[72] BALLAM, GORDON, US

[72] MOORE, JODI, US

[72] ROEDER, MIKEL, US

[72] VENABLE, ERIN, US

[71] PURINA ANIMAL NUTRITION LLC, US

[22] 2014-06-20

[41] 2015-02-02

[30] US (13/958,220) 2013-08-02

[21] **2,855,115**
[13] A1

[51] **Int.Cl. B60S 9/02 (2006.01) B60B 29/00 (2006.01) B66F 1/00 (2006.01)**

[25] EN

[54] **SECURE CONNECTION LOAD-REST FOR A GROUND-ENGAGING VEHICLE JACK**

[54] **SUPPORT DE CHARGE A CONNEXION SURE POUR CRIC DE VEHICULE A ENGAGEMENT AVEC LE SOL**

[72] ARNER, JACOB B., US

[72] AHNER, TODD D., US

[71] ARNER, JACOB B., US

[71] AHNER, TODD D., US

[22] 2014-06-23

[41] 2015-02-01

[30] US (13/957,099) 2013-08-01

[21] **2,855,656**
[13] A1

[51] **Int.Cl. G06Q 20/14 (2012.01) G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **PROCESS FOR INVOICE AGENT COUPLING**

[54] **PROCEDE POUR COUPLAGE D'AGENT DE FACTURE**

[72] BYRNE THOMAS D., US

[72] HORLER, STEVEN J., US

[72] HALPERT, SCOTT A., US

[71] MASCO CORPORATION, US

[22] 2014-07-03

[41] 2015-02-05

[30] US (13/958,812) 2013-08-05

[21] **2,855,663**
[13] A1

[51] **Int.Cl. B60S 9/215 (2006.01)**

[25] EN

[54] **DRIVE SYSTEM FOR A VEHICLE TRAILER MANEUVERING DRIVE**

[54] **SYSTEME D'ENTRAINEMENT POUR ENTRAINEMENT DE MANOEUVRE DE REMORQUE DE VEHICULE**

[72] THIEL, STEFAN, DE

[71] TRUMA GERAETETECHNIK GMBH & CO. KG, DE

[22] 2014-07-02

[41] 2015-02-01

[30] DE (10 2013 108 258.0) 2013-08-01

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[13] A1

[51] **Int.Cl. E04F 13/073 (2006.01) A47K 3/20 (2006.01) A47K 3/28 (2006.01) E04F 13/074 (2006.01) E04F 13/21 (2006.01)**

[25] EN
[54] **WALL SYSTEM**
[54] **SYSTEME DE MUR**
[72] GEELS, MICHAEL G., US
[72] TORCIVIA, JOANNE, US
[72] CARSWELL, DANE H., US
[72] MATHISON, JEFFREY J., US
[71] MASCO CORPORATION OF INDIANA, US
[22] 2014-07-03
[41] 2015-02-05
[30] US (13/958,697) 2013-08-05

[21] **2,855,800**
[13] A1

[51] **Int.Cl. G01M 15/14 (2006.01) F01D 19/00 (2006.01) F02C 7/264 (2006.01)**

[25] EN
[54] **HEALTH MONITORING OF IGNITERS**
[54] **SURVEILLANCE DE L'ETAT D'ALLUMEURS**
[72] YOUSSEF, MICHAEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2014-07-04
[41] 2015-02-02
[30] US (13/957,526) 2013-08-02

[21] **2,855,802**
[13] A1

[51] **Int.Cl. G01M 15/14 (2006.01)**

[25] EN
[54] **METHODS AND APPARATUS FOR INSPECTING COOLING HOLES**
[54] **PROCEDES ET APPAREIL POUR L'INSPECTION D'ORIFICES DE REFROIDISSEMENT**
[72] MCCALDON, KIAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2014-07-04
[41] 2015-02-02
[30] US (13/957,579) 2013-08-02

[21] **2,856,686**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**

[25] EN
[54] **HYDROCARBON RESOURCE HEATING SYSTEM INCLUDING BALUN HAVING A FERRITE BODY AND RELATED METHODS**
[54] **SYSTEME DE CHAUFFAGE A RESSOURCE EN HYDROCARBURES COMPORTANT UN BALUN A CORPS DE FERRITE ET PROCEDES CONNEXES**
[72] PARSCHE, FRANCIS EUGENE, US
[71] HARRIS CORPORATION, US
[22] 2014-07-11
[41] 2015-02-05
[30] US (13/959,059) 2013-08-05

[21] **2,856,905**
[13] A1

[51] **Int.Cl. A23P 1/08 (2006.01) A21B 3/13 (2006.01) A21C 15/00 (2006.01) A23P 1/10 (2006.01)**

[25] EN
[54] **BAKERY PRODUCT AND METHOD OF PRODUCING A BAKERY PRODUCT**
[54] **PRODUIT DE BOULANGERIE ET PROCEDE DE PRODUCTION D'UN PRODUIT DE BOULANGERIE**
[72] SCHNELL, ANJA, DE
[72] FABIAN, JURGEN, DE
[72] OTTEN, LENA, DE
[71] GRIESSON - DE BEUKELAER GMBH & CO. KG, DE
[22] 2014-07-15
[41] 2015-02-01
[30] EP (13178874.7) 2013-08-01

[21] **2,857,470**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/12 (2009.01) H04L 12/58 (2006.01) G06Q 10/10 (2012.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATIONS ROUTING**
[54] **SYSTEME ET PROCEDE POUR ACHEMINEMENT DE COMMUNICATIONS**
[72] DEBENEDICTIS, CHRISTOPHER J., US
[72] SUBBLOIE, ALBERT R., JR., US
[72] SCHMIDT, PAUL, US
[72] GAMBLE, CHARLES, US
[71] TANGOE, INC., US
[22] 2014-07-22
[41] 2015-02-05
[30] US (61/862,146) 2013-08-05
[30] US (14/181,084) 2014-02-14

[21] **2,857,674**
[13] A1

[51] **Int.Cl. H02K 1/06 (2006.01) H02K 1/16 (2006.01) H02K 1/26 (2006.01)**

[25] EN
[54] **ELECTRIC MACHINE WITH A SLOT LINER**
[54] **MACHINE ELECTRIQUE AVEC DOUBLURE DE FENTE**
[72] HUANG, HAO, US
[72] JIA, XIAOCHUAN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2014-07-24
[41] 2015-02-02
[30] US (13/957,885) 2013-08-02

[21] **2,857,710**
[13] A1

[51] **Int.Cl. G01R 35/00 (2006.01) H02H 3/00 (2006.01) H02H 3/44 (2006.01)**

[25] EN
[54] **BUILT-IN TESTING OF AN ARC FAULT/TRANSIENT DETECTOR**
[54] **ESSAI INTEGRE D'UN DETECTEUR D'ERREURS D'ARC/DE TRANSITOIRES**
[72] HANDY, PETER JAMES, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[22] 2014-07-24
[41] 2015-02-06
[30] GB (1314079.3) 2013-08-06

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[21] **2,857,737**
[13] A1

[51] **Int.Cl. F01C 19/08 (2006.01) F01C 19/00 (2006.01) F01C 21/10 (2006.01)**
[25] EN
[54] **ROTARY INTERNAL COMBUSTION ENGINE WITH STATIC OIL SEAL**
[54] **MOTEUR A COMBUSTION INTERNE ROTATIF AVEC JOINT D'ETANCHEITE A L'HUILE STATIQUE**
[72] THOMASSIN, JEAN, CA
[72] GAUVREAU, JEAN-GABRIEL, CA
[72] GAGNON-MARTIN, DAVID, CA
[72] VILLENEUVE, BRUNO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2014-07-22
[41] 2015-02-06
[30] US (13/960,045) 2013-08-06

[21] **2,857,777**
[13] A1

[51] **Int.Cl. E21B 21/00 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **HOLE-VAC**
[54] **ACCESSOIRE D'ELIMINATION DE DEBRIS PAR ASPIRATION**
[72] JANES, GREGORY DAVID NORMAN, CA
[72] HUTT, HEINZ OTTO, CA
[71] JANES, GREGORY DAVID NORMAN, CA
[71] RAMSAY, MARIE MADELEINE, CA
[22] 2014-07-24
[41] 2015-02-05
[30] US (13/959229) 2013-08-05

[21] **2,857,782**
[13] A1

[51] **Int.Cl. G06Q 50/14 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **CONTRACT NUMBER ALLOCATION FOR TRAVEL INDUSTRY TRANSACTIONS BACKGROUND**
[54] **ATTRIBUTION DE NUMEROS DE CONTRAT POUR ARRIERE-PLAN DE TRANSACTIONS DANS L'INDUSTRIE DU VOYAGE**
[72] GEVREY, JULIEN, FR
[72] CASSAN-BARNEL, DAMIEN, FR
[72] LAPIERRE, ANTHONY, FR
[72] LE MARIER, MATHIEU, FR
[72] BA, KARIMOU, FR
[71] AMADEUS S.A.S., FR
[22] 2014-07-24
[41] 2015-02-01
[30] EP (13 290 181.0) 2013-08-01
[30] US (13/956,771) 2013-08-01

[21] **2,857,784**
[13] A1

[51] **Int.Cl. A61M 25/01 (2006.01) A61B 5/042 (2006.01) A61M 25/00 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **MULTISHAPE CATHETER**
[54] **CATHETER MULTIFORME**
[72] LICHTENSTEIN, YOAV, IL
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2014-07-24
[41] 2015-02-01
[30] US (13/956,621) 2013-08-01

[21] **2,857,786**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/02 (2006.01) A61B 18/12 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **CATHETER WITH IMPROVED IRRIGATED TIP ELECTRODE HAVING TWO-PIECE CONSTRUCTION, AND METHOD OF MANUFACTURING THEREFOR**
[54] **CATHETER AVEC ELECTRODE A POINTE IRRIGUEE AMELIOREE EN DEUX PARTIES ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] CLARK, JEFFREY L., US
[72] GONZALEZ, DANIEL, US
[72] THOMPSON, JOHN, US
[72] TOTTEN, IVAN, US
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2014-07-24
[41] 2015-02-02
[30] US (13/958,455) 2013-08-02

[21] **2,857,788**
[13] A1

[51] **Int.Cl. F25B 1/00 (2006.01)**
[25] EN
[54] **MODULAR CHILLER SYSTEM COMPRISING INTERCONNECTED FLOODED HEAT EXCHANGERS**
[54] **SYSTEME DE REFROIDISSEMENT MODULAIRE COMPRENANT DES ECHANGEURS DE CHALEUR INONDES INTERCONNECTES**
[72] MIGLIO, ROSS A., US
[71] CLIMACOOOL CORP., US
[22] 2014-07-24
[41] 2015-02-07
[30] US (13/960,926) 2013-08-07

[21] **2,857,793**
[13] A1

[51] **Int.Cl. B65D 25/16 (2006.01)**
[25] EN
[54] **RETAINING COLLAR FOR LINER-CONTAINING VESSEL**
[54] **COL DE RETENUE POUR CONTENANT A REVETEMENT**
[72] SIRKO, JANET, CA
[71] SIRKO, JANET, CA
[22] 2014-07-22
[41] 2015-02-01
[30] CA (2,822,667) 2013-08-01

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[21] **2,857,814**
[13] A1
[51] **Int.Cl. B23K 26/00 (2014.01) B23K 26/50 (2014.01) H01L 21/02 (2006.01) H01L 21/78 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING LASER FILAMENTATION WITHIN TRANSPARENT MATERIALS**
[54] **PROCEDE ET APPAREIL POUR PROCEDER A LA FILAMENTATION LASER DANS DES MATERIAUX TRANSPARENTS**
[72] NA, JUNG UN, KR
[72] HOSSEINI, S. ABBAS, CA
[72] ALBELO, GILBERT, US
[71] ROFIN-SINAR TECHNOLOGIES INC., US
[22] 2014-07-25
[41] 2015-02-02
[30] US (61/861,880) 2013-08-02

[21] **2,857,816**
[13] A1
[51] **Int.Cl. A45D 34/04 (2006.01) A61K 8/02 (2006.01)**
[25] EN
[54] **TRANSFERABLE MAKE-UP MEMBER**
[54] **ELEMENT CONSTITUANT TRANSFERABLE**
[72] KIM, DONG SUNG, KR
[72] KIM, HYUN SURK, KR
[72] CHOI, KYUNG SIK, KR
[72] PARK, JU YOUNG, KR
[72] CHOI, JEONG RIM, KR
[72] KIM, BO MI, KR
[71] JC KOREA CORP., KR
[22] 2014-07-25
[41] 2015-02-06
[30] KR (10-2013-0093068) 2013-08-06

[21] **2,857,820**
[13] A1
[51] **Int.Cl. B23K 26/00 (2014.01) B23K 26/50 (2014.01) H01L 21/02 (2006.01) H01L 21/78 (2006.01)**
[25] EN
[54] **SYSTEM FOR PERFORMING LASER FILAMENTATION WITHIN TRANSPARENT MATERIALS**
[54] **SYSTEME POUR PROCEDER A LA FILAMENTATION LASER DANS DES MATERIAUX TRANSPARENTS**
[72] HOSSEINI, S. ABBAS, CA
[72] NA, JUNG UN, KR
[72] ALBELO, GILBERT, US
[71] ROFIN-SINAR TECHNOLOGIES INC., US
[22] 2014-07-25
[41] 2015-02-02
[30] US (61/861,880) 2013-08-02

[21] **2,857,840**
[13] A1
[51] **Int.Cl. B23K 26/38 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR NON-ABLATIVE, PHOTOACOUSTIC COMPRESSION MACHINING IN TRANSPARENT MATERIALS USING FILAMENTATION BY BURST ULTRAFast LASER PULSES**
[54] **PROCEDE ET APPAREIL POUR USINAGE PAR COMPRESSION PHOTOACOUSTIQUE NON ABLATIF DANS DES MATERIAUX TRANSPARENTS AU MOYEN DE LA FILAMENTATION PAR SALVE D-IMPULSIONS LASER ULTRARAPIDES**
[72] HOSSEINI, S. ABBAS, US
[72] NA, JUNG UN, US
[72] ALBELO, GILBERT, US
[71] ROFIN-SINAR TECHNOLOGIES INC., US
[22] 2014-07-25
[41] 2015-02-02
[30] US (13/958,246) 2013-08-02

[21] **2,857,842**
[13] A1
[51] **Int.Cl. E01H 5/09 (2006.01)**
[25] EN
[54] **AUGER SNOW-RMOVING MACHINE**
[54] **MACHINE DE DENEIGEMENT A TARIERE**
[72] YAMADA, ATSUSHI, JP
[72] KANBARA, FUMIYOSHI, JP
[72] AKIYAMA, MASAHIRO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2014-07-25
[41] 2015-02-02
[30] JP (2013-161591) 2013-08-02

[21] **2,857,843**
[13] A1
[51] **Int.Cl. B01D 17/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DE-OILING A FEED OF OIL AND WATER**
[54] **PROCEDE ET SYSTEME POUR DESHUILER UNE ALIMENTATION EN HUILE ET EAU**
[72] BOZAK, WADE R., CA
[71] RJ OIL SANDS INC., CA
[22] 2014-07-25
[41] 2015-02-06
[30] US (61/862,886) 2013-08-06

[21] **2,857,869**
[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **TURBINE CASING MADE OF TWO MATERIALS**
[54] **CARTER DE TURBINE FAIT DE DEUX MATERIAUX**
[72] GARIN, FABRICE MARCEL NOEL, FR
[72] BON, FLORENCE VALERIE, FR
[72] CAMEAU, JEROME ETIENNE ROBERT, FR
[72] LESAINE, JEAN-MARC MICHEL, FR
[72] MADEC, ALAIN PAUL, FR
[71] SNECMA, FR
[22] 2014-07-25
[41] 2015-02-07
[30] FR (13 57857) 2013-08-07

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[21] **2,857,877**
[13] A1

[51] **Int.Cl. A63B 21/00 (2006.01) A63B 21/22 (2006.01)**
[25] EN
[54] **UNIVERSAL FITNESS APPARATUS**
[54] **APPAREIL DE CONDITIONNEMENT PHYSIQUE UNIVEFRSEL**
[72] FORHAN, MICHAEL, CA
[72] FORHAN, SCOTT, CA
[71] 2369048 ONTARIO INC., CA
[22] 2014-07-29
[41] 2015-02-01
[30] US (13/956,964) 2013-08-01

[21] **2,857,912**
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **EXCHANGE FOR PHYSICALS OPERATION A TERME CONTRE MARCHANDISES**
[72] LAMOUR, BENOIT A., GB
[72] DONY, ANAIS F. C., FR
[71] LIFFE ADMINISTRATION AND MANAGEMENT, GB
[22] 2014-07-30
[41] 2015-02-01
[30] US (14/341,078) 2014-07-25
[30] US (61/861,297) 2013-08-01

[21] **2,857,913**
[13] A1

[51] **Int.Cl. A21D 10/00 (2006.01) A21D 2/18 (2006.01) A21D 2/36 (2006.01) A21D 6/00 (2006.01)**
[25] EN
[54] **REDUCED SATURATED AND TOTAL FAT CONTENT PIE CRUSTS**
[54] **CROUTES DE TARTE A TENEUR EN GRAISSE SATUREE REDUITE ET TOTALE**
[72] MOTWANI, TAMUJ, US
[72] UZUNALIOGLU, DILEK, US
[72] MARTIN, ALICIA, US
[72] SHAH, HIMANSHU, US
[71] CORN PRODUCTS DEVELOPMENT, INC., BR
[22] 2014-07-30
[41] 2015-02-01
[30] US (13/956,985) 2013-08-01

[21] **2,857,914**
[13] A1

[51] **Int.Cl. H03K 17/78 (2006.01) H04B 10/112 (2013.01) G02B 6/10 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **BAND PASS OPTICAL TOUCH SENSING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE TACTILE OPTIQUE PASSE-BANDE**
[72] DAVID, ALBERT M., CA
[71] DAVID, ALBERT M., CA
[22] 2014-07-30
[41] 2015-02-01
[30] US (13/956,500) 2013-08-01

[21] **2,857,921**
[13] A1

[51] **Int.Cl. H04L 1/00 (2006.01) H04L 12/70 (2013.01)**
[25] EN
[54] **IMPROVED METHOD FOR DECODING A CORRECTING CODE WITH MESSAGE PASSING, IN PARTICULAR FOR DECODING LDPC CODES OR TURBO CODES**
[54] **METHODE AMELIOREE DE DECODAGE DE CODE DE CORRECTION A PASSAGE DE MESSAGES, EN PARTICULIER POUR LE DECODAGE DE CODES DE CONTROLE DE PARITE BASSE DENSITE OU TURBO CODES**
[72] GADAT, BENJAMIN, FR
[72] VAN WAMBEKE, NICOLAS, FR
[71] THALES, FR
[22] 2014-07-30
[41] 2015-02-02
[30] FR (1301859) 2013-08-02

[21] **2,858,015**
[13] A1

[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/42 (2006.01)**
[25] EN
[54] **AUTOMATED HOT BEVERAGE BREWING MACHINE**
[54] **MACHINE D'INFUSION DE BOISSON CHAUDE AUTOMATIQUE**
[72] LAWSON, ROGER, CA
[71] LAWSON, ROGER, CA
[22] 2014-07-31
[41] 2015-02-01
[30] US (61/861035) 2013-08-01

[21] **2,858,017**
[13] A1

[51] **Int.Cl. H01R 4/66 (2006.01)**
[25] EN
[54] **GROUNDING ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE DE MISE A LA TERRE**
[72] KOVALOV, PAUL, US
[71] HUBBELL INCORPORATED, US
[22] 2014-07-31
[41] 2015-02-05
[30] US (13/959,048) 2013-08-05

[21] **2,858,019**
[13] A1

[51] **Int.Cl. G06Q 50/14 (2012.01) G06Q 10/02 (2012.01)**
[25] EN
[54] **JOURNEY DATA RE-EVALUATION**
[54] **REEVALUATION DE DONNEES DE TRAJET**
[72] CORNELIUS, VERONICA, FR
[72] JAFFREDO, GREGOIRE, FR
[71] AMADEUS S.A.S., FR
[22] 2014-07-31
[41] 2015-02-05
[30] US (13/958,965) 2013-08-05
[30] EP (13290187.7) 2013-08-05

[21] **2,858,029**
[13] A1

[51] **Int.Cl. C09J 133/06 (2006.01) C09J 11/08 (2006.01) C09J 153/02 (2006.01)**
[25] EN
[54] **PRESSURE-SENSITIVE ADHESIVE**
[54] **ADHESIF SENSIBLE A LA PRESSION**
[72] DOLLASE, THILO, DE
[72] PETERSEN, ANIKA, DE
[72] MAYER, MICHAEL, DE
[72] BRIX, ROLF, DE
[71] TESA SE, DE
[22] 2014-07-31
[41] 2015-02-02
[30] DE (10 2013 215 297.3) 2013-08-02

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[21] **2,858,031**
[13] A1

[51] **Int.Cl. C09J 133/06 (2006.01) C09J 7/02 (2006.01) C09J 11/08 (2006.01) C09J 153/02 (2006.01)**

[25] EN
[54] **PRESSURE-SENSITIVE ADHESIVE**
[54] **ADHESIF SENSIBLE A LA PRESSION**

[72] DOLLASE, THILO, DE
[72] PETERSEN, ANIKA, DE
[72] KRAWINKEL, THORSTEN, DE
[72] BURMEISTER, AXEL, DE
[72] MAYER, MICHAEL, DE
[71] TESA SE, DE
[22] 2014-07-31
[41] 2015-02-02
[30] DE (10 2013 215 296.5) 2013-08-02

[21] **2,858,047**
[13] A1

[51] **Int.Cl. H04W 4/24 (2009.01) H04W 88/02 (2009.01) G06Q 20/32 (2012.01) H04B 5/02 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR ANTI-EAVESDROPPING IN VULNERABLE NFC APPLICATIONS**
[54] **PROCEDE ET APPAREIL POUR CONTRER L'ECOUTE CLANDESTINE DANS LES APPLICATIONS DE COMMUNICATION EN CHAMP PROCHE VULNERABLES**

[72] BUCKLEY, MICHAEL EOIN, US
[72] ALI, SHIROOK, US
[71] BLACKBERRY LIMITED, CA
[22] 2014-07-30
[41] 2015-02-01
[30] US (13/957,123) 2013-08-01

[21] **2,858,052**
[13] A1

[51] **Int.Cl. D06F 58/28 (2006.01)**

[25] EN
[54] **DE-ENERGIZING ELECTRICAL SAFETY CIRCUIT**
[54] **CIRCUIT ELECTRIQUE DE SECURITE DE MISE HORS TENSION**

[72] HERNANDEZ JIMENEZ, JUAN DANIEL, MX
[72] VERA TESILLOS, MIRIAN GRACIELA, MX
[72] LUCIA MENDOZA, LUIS ALFREDO, MX
[72] ARTEAGA HINOJOSA, JOSE ALBERTO, MX
[72] MORENO ESCOBAR, JOSE AUGUSTO, MX
[72] RICARDEZ MACIAS, CARLOS ALBERTO, MX
[71] MABE, S.A. DE C.V., MX
[22] 2014-07-31
[41] 2015-02-05
[30] MX (MX/A/2013/009023) 2013-08-05

[21] **2,858,054**
[13] A1

[51] **Int.Cl. G05B 7/02 (2006.01)**

[25] EN
[54] **SYSTEMS AND METHODS FOR BATCH DEVICE COMMISSIONING AND DECOMMISSIONING**
[54] **SYSTEMES ET PROCEDES POUR MISE EN SERVICE ET HORS SERVICE D'UN DISPOSITIF CONTINU**

[72] BANERJEE, ABHIK, IN
[72] PETZEN, JOHN ALEXANDER, III, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2014-07-31
[41] 2015-02-01
[30] US (13/957,230) 2013-08-01

[21] **2,858,141**
[13] A1

[51] **Int.Cl. F16D 7/04 (2006.01)**

[25] EN
[54] **UNCOUPLING DEVICE, PARTICULARLY FOR JOINT TRANSMISSIONS**
[54] **DISPOSITIF DE DECOUPLAGE, PARTICULIEREMENT POUR DES TRANSMISSIONS CONJOINTES**

[72] BRUNAZZI, ACHILLE, IT
[72] TONDELLI, MASSIMO, IT
[71] COMER INDUSTRIES S.P.A., IT
[22] 2014-08-01
[41] 2015-02-02
[30] IT (MO2013A000225) 2013-08-02

[21] **2,858,174**
[13] A1

[51] **Int.Cl. G01N 1/28 (2006.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR ULTRASONIC SAMPLE PREPARATION**
[54] **SYSTEME ET PROCEDE POUR PREPARATION D'ECHANTILLON ULTRASONORE**

[72] DONATY, MICHAEL, US
[71] SONICS & MATERIALS INC., US
[22] 2014-07-31
[41] 2015-02-01
[30] US (13/956,547) 2013-08-01

[21] **2,858,181**
[13] A1

[51] **Int.Cl. E01H 5/09 (2006.01)**

[25] EN
[54] **AUGER SNOW BLOWER**
[54] **SOUFFLEUSE A NEIGE A TARIERE**

[72] KANBARA, FUMIYOSHI, JP
[72] MATSUZAWA, KOUHEI, JP
[72] MOROI, ATSUSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2014-08-01
[41] 2015-02-02
[30] JP (2013-161547) 2013-08-02
[30] JP (2013-161569) 2013-08-02
[30] JP (2013-161630) 2013-08-02

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[21] **2,858,183**
[13] A1

[51] **Int.Cl. E01H 5/09 (2006.01)**
[25] EN
[54] **AUGER SNOW-REMOVING MACHINE**
[54] **MACHINE DE DENEIGEMENT A TARIERE**
[72] KANBARA, FUMIYOSHI, JP
[72] MATSUZAWA, KOUHEI, JP
[72] MOROI, ATSUSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2014-08-01
[41] 2015-02-02
[30] JP (2013-161650) 2013-08-02

[21] **2,858,184**
[13] A1

[51] **Int.Cl. H04W 36/22 (2009.01) H04W 36/08 (2009.01) H04W 48/12 (2009.01)**
[25] EN
[54] **COMMUNICATING RADIO RESOURCE CONFIGURATION INFORMATION**
[54] **COMMUNICATION D'INFORMATIONS DE CONFIGURATION DE RESSOURCES RADIO**
[72] GAO, SHIWEI, CA
[72] BLANKENSHIP, YUFEI WU, US
[72] CAI, ZHIJUN, US
[72] SONG, YI, US
[71] BLACKBERRY LIMITED, CA
[22] 2014-07-30
[41] 2015-02-06
[30] US (13/960,187) 2013-08-06

[21] **2,858,220**
[13] A1

[51] **Int.Cl. E01D 19/06 (2006.01) E01B 11/42 (2006.01)**
[25] EN
[54] **WATERPROOF EXPANSION JOINT**
[54] **JOINT D'EXPANSION ETANCHE A L'EAU**
[72] HAYDU, JOSEPH, US
[71] VERSAFLEX, INC., US
[22] 2014-08-04
[41] 2015-02-05
[30] US (13/959463) 2013-08-05

[21] **2,858,261**
[13] A1

[51] **Int.Cl. B22C 9/08 (2006.01) B22C 9/02 (2006.01)**
[25] EN
[54] **AN OVERFLOW SYSTEM FOR CASTING A COMPONENT AND A METHOD OF CATCHING OVERFLOW OF A LIQUID FLUID**
[54] **SYSTEME DE TROP-PLEIN POUR MOULAGE D'UN COMPOSANT ET PROCEDE DE RECUPERATION DE TROP-PLEIN D'UN FLUIDE LIQUIDE**
[72] ROLEY, KENNETH, US
[71] GREDE LLC, US
[22] 2014-08-01
[41] 2015-02-05
[30] US (61/862,251) 2013-08-05

[21] **2,858,271**
[13] A1

[51] **Int.Cl. E21B 23/01 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **INSERT UNITS FOR NON-METALLIC SLIPS ORIENTED NORMAL TO CONE FACE**
[54] **UNITES D'INSERTION POUR COINS DE RETENUE NON METALLIQUES ORIENTES NORMALEMENT VERS LA SURFACE DU CONE**
[72] ROCHEN, JAMES ALAN, US
[72] TREADAWAY, SHAWN J., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2014-08-01
[41] 2015-02-01
[30] US (61/861,302) 2013-08-01

[21] **2,858,329**
[13] A1

[51] **Int.Cl. A61L 15/24 (2006.01) A61L 15/58 (2006.01)**
[25] EN
[54] **ADHESIVE AND USE FOR ATTACHMENT TO MICROFIBER GARMENTS**
[54] **ADHESIF ET UTILISATION POUR FIXATION A DES VETEMENTS EN MICROFIBRES**
[72] AUSTIN, JENNIFER JENSEN, US
[72] QUINN, THOMAS HARRY, US
[71] MCNEIL-PPC, INC., US
[22] 2014-08-01
[41] 2015-02-05
[30] US (61/862,264) 2013-08-05

[21] **2,858,330**
[13] A1

[51] **Int.Cl. A61L 15/24 (2006.01) A61F 13/15 (2006.01) A61L 15/58 (2006.01)**
[25] EN
[54] **ADHESIVE AND USE FOR ATTACHMENT TO MICROFIBER GARMENTS**
[54] **ADHESIF ET UTILISATION POUR FIXATION A DES VETEMENTS EN MICROFIBRES**
[72] AUSTIN, JENNIFER JENSEN, US
[72] QUINN, THOMAS HARRY, US
[71] MCNEIL-PPC, INC., US
[22] 2014-08-01
[41] 2015-02-05
[30] US (61/862,264) 2013-08-05

[21] **2,858,334**
[13] A1

[51] **Int.Cl. F16M 13/02 (2006.01) A47H 27/00 (2006.01) E04G 3/18 (2006.01) E04G 5/04 (2006.01) F24F 13/32 (2006.01)**
[25] EN
[54] **SUPPORTING AN OBJECT AT A WINDOW OF A BUILDING BY APPLYING OPPOSING FORCES TO AN INTERIOR SURFACE AND AN EXTERIOR SURFACE OF THE BUILDING**
[54] **SUPPORT D'UN OBJET A UNE FENETRE D'UN BATIMENT PAR L'APPLICATION DE FORCES OPPOSEES SUR UNE SURFACE INTERIEURE ET UNE SURFACE EXTERIEURE DUDIT BATIMENT**
[72] DARBY, JASON, US
[71] NATION WIDE PRODUCTS, INC., US
[22] 2014-08-01
[41] 2015-02-02
[30] US (13/958,453) 2013-08-02

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[21] **2,858,335**
[13] A1

[51] **Int.Cl. D21C 9/02 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR WASHER
SHOWER PIPE AND METHOD TO
ADJUST OPEN AREA OF
ORIFICES IN THE PIPE**
[54] **ENSEMBLE POUR TUYAU
D'ARROSAGE DE LAVAGE ET
PROCEDE POUR REGLER UNE
AIRE OUVERTE D'ORIFICES
DANS LE TUYAU**
[72] GRACE, TODD S., US
[71] ANDRITZ INC., US
[22] 2014-08-01
[41] 2015-02-02
[30] US (61/861,713) 2013-08-02
[30] US (14/339,606) 2014-07-24

[21] **2,858,337**
[13] A1

[51] **Int.Cl. B65F 3/14 (2006.01) B65F 3/04
(2006.01)**
[25] EN
[54] **EJECTOR TRACK FOR REFUSE
VEHICLE**
[54] **PISTE D'EJECTION POUR
VEHICULE A ORDURES**
[72] SCHWARTZ, LESLIE, US
[72] GILLMORE, JASON, US
[72] BHATIA, SHASHANK, US
[72] HOFKER, JARUD, US
[71] OSHKOSH CORPORATION, US
[22] 2014-08-01
[41] 2015-02-02
[30] US (13/958308) 2013-08-02

[21] **2,858,340**
[13] A1

[51] **Int.Cl. F25B 5/00 (2006.01) F25B
29/00 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **MODULAR REFRIGERATION
AND HEAT RECLAMATION
CHILLER**
[54] **REFROIDISSEUR A
REFRIGERATION ET
RECUPERATION DE CHALEUR
MODULAIRE**
[72] MEADE, JOHN P., US
[72] MEADE, ALEXANDER J., US
[71] EMERALD ENVIRONMENTAL
TECHNOLOGIES, US
[22] 2014-08-01
[41] 2015-02-02
[30] US (61/861,646) 2013-08-02

[21] **2,858,406**
[13] A1

[51] **Int.Cl. C08L 61/24 (2006.01) B27N
1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF
AMINOPLAST SOLUTIONS**
[54] **PROCEDE DE PREPARATION DE
SOLUTIONS D'AMINOPLASTES**
[72] FINKENAUER, MICHAEL, DE
[72] FUCHS, EVELYN, DE
[72] LUNKWITZ, RALPH, DE
[72] REESE, OLIVER, DE
[72] ROSCHMANN, KONRAD, DE
[72] SCHMIDT, MICHAEL, DE
[72] REIF, MARTIN, DE
[72] WEINKOTZ, STEPHAN, DE
[71] BASF SE, DE
[22] 2014-08-05
[41] 2015-02-06
[30] EP (13179363.0) 2013-08-06

[21] **2,858,419**
[13] A1

[51] **Int.Cl. H04B 1/04 (2006.01) H04L
27/34 (2006.01) H04N 5/38 (2006.01)
H04N 5/455 (2006.01)**
[25] EN
[54] **CATV DIGITAL TRANSMISSION
WITH BANDPASS SAMPLING**
[54] **TRANSMISSION NUMERIQUE DE
CABLODISTRIBUTION AVEC
ECHANTILLONNAGE DE BANDE
PASSANTE**
[72] THOMPSON, ROBERT J., US
[72] HARTRUM, DAVID C., US
[72] JEBLONSKI, CHRISTOPHER, US
[72] MENNA, RUDOLPH J., US
[72] MORAN, JOHN L., US
[71] ARRIS ENTERPRISES, INC., US
[22] 2014-08-05
[41] 2015-02-06
[30] US (61/862,670) 2013-08-06
[30] US (14/247,417) 2014-04-08

[21] **2,858,449**
[13] A1

[51] **Int.Cl. H04L 12/771 (2013.01)**
[25] EN
[54] **A DEVICE FOR MULTIPATH
ROUTING OF PACKETS IN
COMPUTER NETWORKING AND
THE METHOD FOR ITS USE**
[54] **DISPOSITIF POUR
ACHEMINEMENT A TRAJETS
MULTIPLES DE PAQUETS DANS
LE RESEAUTAGE
INFORMATIQUE ET SON
PROCEDE DE
FONCTIONNEMENT**
[72] DOMZAL, JERZY, PL
[72] WOJCIK, ROBERT, PL
[72] DULINSKI, ZBIGNIEW, PL
[71] AKADEMIA GORNICZO-HUTNICZA
IM. STANISLAWA STASZICA W
KRAKOWIE, PL
[22] 2014-08-05
[41] 2015-02-05
[30] PL (P.404986) 2013-08-05
[30] EP (EP14162518) 2014-03-29

[21] **2,858,453**
[13] A1

[51] **Int.Cl. A43B 23/08 (2006.01) A43B
5/02 (2006.01) A43B 7/32 (2006.01)
A43C 15/16 (2006.01)**
[25] EN
[54] **TOE PROTECTOR FOR
ATHLETIC FOOTWEAR HAVING
REMOVABLE CLEATS**
[54] **PROTECTEUR D'ORTEIL POUR
CHAUSSURE ATHLETIQUE
COMPORTANT DES CRAMPONS
AMOVIBLES**
[72] TOZZI, MARK ANTHONY, US
[72] WARD, NATHANIEL RAY, US
[72] TOZZI, MICHAEL PAUL, US
[71] PROTECTOZZ, LLC, US
[22] 2014-08-06
[41] 2015-02-07
[30] US (13/961,288) 2013-08-07
[30] US (61/923,874) 2014-01-06

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[21] **2,858,487**
[13] A1

[51] **Int.Cl. B62D 53/06 (2006.01) B62D 33/02 (2006.01) B62D 53/08 (2006.01)**
[25] EN
[54] **PLATFORM TRAILER WITH REINFORCED NECK**
[54] **SEMI-REMORQUE PLATEAU A COL RENFORCE**
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[72] DAVIES, DEREK ., US
[71] EAST MANUFACTURING CORPORATION, US
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[54] **SYSTEMES ET PROCEDES POUR FORMER UNE CARCASSE DE TUYAU AU MOYEN DE MULTIPLES BANDES DE MATERIAU**
[72] THOMPSON, WALTER FREDERICK, CA
[72] GATLEY, PAUL DAVID, US
[72] TURVEY, KENNETH BRIAN, US
[71] BARTELL MACHINERY SYSTEMS, L.L.C., US
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[41] 2015-02-07
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[21] **2,858,508**
[13] A1

[51] **Int.Cl. G01V 3/11 (2006.01)**
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[54] **IMPROVED PORTABLE METAL DETECTOR**
[54] **DETECTEUR PORTATIF DE METAL PERFECTIONNE**
[72] MANNESCHI, ALESSANDRO, IT
[71] COSTRUZIONI ELETTRONICHE INDUSTRIALI AUTOMATISMI S.P.A. C.E.I.A., IT
[22] 2014-08-05
[41] 2015-02-05
[30] FR (1357790) 2013-08-05

[21] **2,858,516**
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[54] **ARTICULATING VEHICLE BELLOWS**
[54] **SOUFFLET POUR VEHICULE ARTICULE**
[72] PIACSEK, STEVEN, US
[71] A&A MANUFACTURING CO., INC., US
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[54] **METHODS AND COMPOSITIONS FOR USING TEMPORARY, SLOW DEGRADING, PARTICULATE AGENTS IN A SUBTERRANEAN FORMATION**
[54] **PROCEDES ET COMPOSITIONS POUR UTILISER DES AGENTS PARTICULAIRES TEMPORAIRES A DEGRADATION LENTE DANS UNE FORMATION SOUTERRAINE**
[72] BROOKS, AMY LYN, US
[72] VELDMAN, RAYNARD RENE, US
[72] TODD, BRADLEY LEON, US
[71] MAGNABLEND, INC., US
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[54] **PORTABLE METAL DETECTOR INCLUDING AN ADVANCED AUTOMATIC STANDBY SYSTEM**
[54] **DETECTEUR PORTATIF DE DETECTION DE METAUX INCLUANT UN SYSTEME EVOLUE DE MISE EN VEILLE AUTOMATIQUE**
[72] MANNESCHI, ALESSANDRO, IT
[71] COSTRUZIONI ELETTRONICHE INDUSTRIALI AUTOMATISMI S.P.A. C.E.I.A., IT
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[54] **SELF-CLOSING STALL FOR AN ANIMAL**
[54] **STALLE A FERMETURE AUTOMATIQUE POUR UN ANIMAL**
[72] LOOS, KEVIN, CA
[72] MARTIN, DAN, CA
[71] CANARM LTD., CA
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[72] FIER, ALYX, US
[71] FIER, ALYX, US
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[54] **PUMP CONTROL SYSTEM HAVING EMERGENCY RUN MODE**
[54] **SYSTEME DE COMMANDE DE POMPE COMPORTANT UN MODE DE MARCHE D'URGENCE**
[72] KOCHAN, JOHN R., JR., US
[71] METROPOLITAN INDUSTRIES, INC., US
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[54] **CIRCUIT D'ATTAQUE DE TUBE A DEL POUR REMPLACEMENT PAR DES TUBES FLUORESCENTS A BALLAST ET SANS BALLAST**

[72] GUANG, LUO HUA, CN

[71] GRECO TECH INDUSTRIES INC., CA

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[41] 2015-02-06

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[54] **SYSTEME DE TRINGLE ET DE RIDEAU**

[72] ZAHNER, DAVID, US

[71] ZAHNER DESIGN GROUP, LTD., US

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[54] **MODULES DE BARRES D'ARMATURE MODULAIRES PREFABRIQUES ET PROCEDES D'UTILISATION DE CEUX-CI**

[72] BUZIMKIC, EMIN, CA

[72] BAUGAARD, KEITH, CA

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[72] FEATHER, THOMAS E., CA

[71] FEATHER, THOMAS E., CA

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[54] **REVETEMENTS POLYMERES**
[72] GEORGE, WAYNE N., GB
[72] BRATTON, DANIEL, GB
[72] BROWN, ANDREW A., GB
[72] REN, HONGJI, US
[72] SMITH, RYAN C., US
[71] ILLUMINA, INC., US
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[21] **2,877,213**
[13] A1

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[25] EN
[54] **MICRO-INCISION IOL AND POSITIONING OF THE IOL IN THE EYE**
[54] **LENTILLE INTRAOCULAIRE (LIO) A MICRO-INCISION ET POSITIONNEMENT DE LIO DANS L'ŒIL**
[72] WEEBER, HENDRIK A., NL
[72] NORRBY, SVERKER, NL
[72] VAN DER MOOREN, MARRIE H., NL
[72] FRANSSEN, LUUK, NL
[71] AMO GRONINGEN B.V., NL
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[21] **2,877,390**
[13] A1

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[25] FR
[54] **ELECTRIC CIRCUIT FOR CUTTING OFF AN ELECTRIC POWER SUPPLY COMPRISING TRANSISTORS AND FUSES HAVING REDUNDANT LOGIC**
[54] **CIRCUIT ELECTRIQUE DE COUPURE D'UNE ALIMENTATION ELECTRIQUE A TRANSISTORS ET FUSIBLES A LOGIQUE REDONDEE**
[72] VALETTE, PATRICK, FR
[72] GUILLOT, FRANCOIS, FR
[71] SAGEM DEFENSE SECURITE, FR
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[54] **POLYMERES ABSORBANT UN RAYONNEMENT ULTRAVIOLET**
[72] LEVINS, CHRISTOPHER G., US
[72] NATHAN, ARUNA, US
[72] DALY, SUSAN, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[54] **COMPOSITIONS COMPRENANT DES PHENOLS SUBSTITUES ET APPLICATION TOPIQUE DE CELLES-CI**
[72] KAUR, SIMARNA, US
[72] MAHMOOD, KHALID, US
[72] SOUTHALL, MICHAEL D., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[13] A1

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[25] EN
[54] **METHODS AND APPARATUS TO USE VIBRATION DATA TO DETERMINE A CONDITION OF A PROCESS CONTROL DEVICE**
[54] **PROCEDES ET APPAREIL D'UTILISATION DE DONNEES DE VIBRATIONS POUR DETERMINER L'ETAT D'UN DISPOSITIF DE REGULATION DE PROCESSUS**
[72] ANDERSON, SHAWN W., US
[72] ANDERS, ROGER, US
[72] GRABAU, TED DENNIS, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **METHODS AND COMPOSITIONS FOR NATURAL KILLER CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR DES CELLULES TUEUSES NATURELLES**

[72] COPIK, ALICJA, US
[72] REDDY, VIJAY, US
[72] OYER, JEREMIAH, US
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
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[13] A1

[51] **Int.Cl. A61K 38/20 (2006.01) A61K 9/50 (2006.01) A61K 47/30 (2006.01) A61P 15/02 (2006.01) A61P 31/00 (2006.01)**

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[54] **THERAPIE COMBINEE ET PROPHYLAXIE POUR LES INFECTIONS DU TRACTUS GENITAL**

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[72] LIU, YINGRU, US
[72] EGILMEZ, NEJAT K., US
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[13] A1

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[25] FR
[54] **USE OF ZINC COCETH SULFATE AS AN ANTIBACTERIAL AGENT AGAINST PROPIONIBACTERIUM ACNES**
[54] **UTILISATION DE COCETH SULFATE DE ZINC COMME AGENT ANTIBACTERIEN VIS-A-VIS DE PROPIONIBACTERIUM ACNES**

[72] BACO, DAVID, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
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[30] US (61/671,518) 2012-07-13

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[13] A1

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[54] **INHIBITORS OF ALPHA-CRYSTALLIN AGGREGATION FOR THE TREATMENT FOR CATARACT**
[54] **PROCEDE NON CHIRURGICAL DE TRAITEMENT DE LA CATARACTE**

[72] GESTWICKI, JASON E., US
[71] REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **VEHICLE BRAKE FORCE GENERATION DEVICE**
[54] **DISPOSITIF DE GENERATION DE FORCE DE FREINAGE POUR VEHICULE**

[72] AKAMINE, KOHEI, JP
[72] UENO, MASAYUKI, JP
[71] HONDA MOTOR CO. LTD., JP
[85] 2015-01-15
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[72] OMORI, NAOMICHI, JP
[71] IHI CORPORATION, JP
[85] 2015-01-15
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[54] **METHOD FOR DETECTING CANCER**
[54] **PROCEDE DE DETECTION DE CANCER**

[72] IDO, TAKAYOSHI, JP
[72] OKANO, FUMIYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2015-01-15
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[13] A1

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[54] **SYSTEMES ET PROCEDES DE CIBLAGE D'INFORMATIONS**

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[13] A1

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[54] **ENCODING DEVICE, DECODING DEVICE, AND PROGRAM**
[54] **DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE ET PROGRAMME**

[72] ICHIGAYA, ATSURO, JP
[72] SHISHIKUI, YOSHIAKI, JP
[72] SAKAIDA, SHINICHI, JP
[72] IGUCHI, KAZUHISA, JP
[71] NIPPON HOSO KYOKAI, JP
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[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR MANAGING INFORMATION IN MOBILE DEVICE**

[54] **PROCEDE, APPAREIL ET SYSTEME DE GESTION D'INFORMATIONS FIGURANT DANS UN DISPOSITIF MOBILE**

[72] ZHANG, LICHUN, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-21
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[13] A1

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[54] **MULTI-SPLIT HEAT PUMP FOR HEATING, COOLING, AND WATER HEATING**
[54] **POMPE A CHALEUR A MULTIPLES FENTES POUR LE CHAUFFAGE, LE REFROIDISSEMENT ET LE CHAUFFAGE DE L'EAU**

[72] SEGGERMAN, KARL, US
[71] PAS, INC., US
[85] 2014-09-10
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[13] A1

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[25] FR
[54] **PIPE MEMBER MADE FROM IRON FOR A BURIED PIPELINE, COMPRISING AN OUTER COATING**
[54] **ELEMENT DE TUYAUTERIE A BASE DE FER POUR CANALISATION ENTERREE, COMPRENANT UN REVETEMENT EXTERIEUR**

[72] ALEXANDRE, PASCAL, FR
[72] NOUAIL, GERARD, FR
[71] SAINT-GOBAIN PAM, FR
[85] 2015-01-21
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[54] **POLYUREA ELASTOMER HAVING INCREASED CHEMICAL RESISTANCE**

[54] **ELASTOMERES DE POLYUREE PRESENTANT UNE PLUS GRANDE RESISTANCE AUX PRODUITS CHIMIQUES**

[72] OTERO MARTINEZ, IRAN, DE

[72] PETROVIC, DEJAN, DE

[72] TOMOVIC, ZELJKO, DE

[71] BASF SE, DE

[85] 2015-01-21

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[21] **2,879,666**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/041 (2006.01)**

[25] EN

[54] **METHOD, STORAGE MEDIA AND SYSTEM, IN PARTICULAR RELATING TO A TOUCH GESTURE OFFSET**

[54] **PROCEDE, SUPPORT DE STOCKAGE ET SYSTEME, EN PARTICULIER RELATIF A UN DECALAGE DE GESTE TACTILE**

[72] TABY, MAJD, US

[72] BRIDGE, HENRY, US

[72] HAUSER, JASPER REID, US

[71] FACEBOOK, INC., US

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[21] **2,879,667**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 35/28 (2015.01) C12N 5/078 (2010.01) C12N 5/0789 (2010.01) C07K 19/00 (2006.01)**

[25] EN

[54] **ENHANCED RECONSTITUTION AND AUTORECONSTITUTION OF THE HEMATOPOIETIC COMPARTMENT**

[54] **RECONSTITUTION ET AUTO-RECONSTITUTION AMELIOREES DU COMPARTIMENT HEMATOPOIETIQUE**

[72] TURNER, BRIAN C., US

[72] REFAELI, YOSEF, US

[72] BIRD, GREGORY A., US

[71] TAIGA BIOTECHNOLOGIES, INC., US

[85] 2015-01-16

[86] 2013-07-19 (PCT/US2013/051384)

[87] (WO2014/015312)

[30] US (61/674,224) 2012-07-20

[30] US (61/785,691) 2013-03-14

[21] **2,879,677**
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) C07H 3/06 (2006.01) C12N 15/63 (2006.01) C12P 19/18 (2006.01) C40B 30/08 (2006.01)**

[25] EN

[54] **ALPHA (1,2) FUCOSYLTRANSFERASES SUITABLE FOR USE IN THE PRODUCTION OF FUCOSYLATED OLIGOSACCHARIDES**

[54] **ALPHA (1,2) FUCOSYLTRANSFERASES APPROPRIEES POUR UNE UTILISATION DANS LA PRODUCTION D'OLIGOSACCHARIDES FUCOSYLES**

[72] HEIDTMAN, MATTHEW IAN, US

[72] MERIGHI, MASSIMO, US

[72] MCCOY, JOHN M., US

[71] GLYCOSYN LLC, US

[85] 2015-01-16

[86] 2013-07-24 (PCT/US2013/051777)

[87] (WO2014/018596)

[30] US (13/557,655) 2012-07-25

[21] **2,879,680**
[13] A1

[51] **Int.Cl. C12N 9/90 (2006.01) C12N 15/10 (2006.01) C12P 7/10 (2006.01)**

[25] EN

[54] **XYLOSE ISOMERASES AND THEIR USES**

[54] **XYLOSE ISOMERASES ET LEURS UTILISATIONS**

[72] NUNN, DAVID NEAL, JR., US

[72] LUGINBUHL, PETER, US

[72] LI, LING, US

[72] BURJA, ADAM MARTIN, US

[72] BARTNEK, JON PETER FLASH, US

[71] BP CORPORATION NORTH AMERICA INC., US

[85] 2015-01-16

[86] 2013-07-23 (PCT/US2013/051718)

[87] (WO2014/018552)

[30] US (61/675,241) 2012-07-24

[21] **2,879,686**
[13] A1

[51] **Int.Cl. B01D 24/10 (2006.01) B01D 24/46 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR RECOVERING OIL AND REMOVING OIL FROM A RESULTING OIL-WATER MIXTURE**

[54] **PROCEDE ET SYSTEME POUR LA RECUPERATION D'HUILE ET L'ELIMINATION D'HUILE D'UN MELANGE HUILE-EAU AINSI OBTENU**

[72] LANGE, NEVILLE ERNEST, GB

[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR

[85] 2015-01-21

[86] 2013-07-18 (PCT/IB2013/055927)

[87] (WO2014/016744)

[30] US (13/557,688) 2012-07-25

PCT Applications Entering the National Phase

[21] **2,879,695**
[13] A1

[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/202 (2006.01) A61K 35/00 (2006.01) A61K 35/20 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION OF MILK FAT GLOBULES (MFGS) ZINC FREE COMPOSITION PHARMACEUTIQUE DE GLOBULES DE MATIERE GRASSE DU LAIT (MFG) DEPOURVUE DE ZINC**

[72] FARDOUSSI, KASSEM KHAL, SY
[71] FARDOUSSI, KASSEM KHAL, SY
[85] 2015-01-21
[86] 2012-07-27 (PCT/IB2012/053859)
[87] (WO2014/016647)

[21] **2,879,708**
[13] A1

[51] **Int.Cl. E21B 17/08 (2006.01)**

[25] EN

[54] **A JOINT ELEMENT, A CASING STRING COMPRISING SUCH A JOINT ELEMENT AND A METHOD FOR COMPENSATING OF FORCES DUE TO THERMAL EFFECTS IN A CASING STRING ELEMENT DE RACCORD, TRAIN D'ENVELOPPE COMPRENANT UN TEL ELEMENT DE RACCORD ET PROCEDE POUR COMPENSER DES FORCES DUES A DES EFFETS THERMIQUES DANS UN TRAIN DE TIGES D'ENVELOPPE**

[72] LOVIKNES, BORRE, NO
[72] JOHANSSON, MATS, SE
[72] BARTON, LEN, GB
[71] VANGUARD OIL TOOLS & SERVICES LLC, OM
[85] 2015-01-21
[86] 2013-07-22 (PCT/IB2013/056008)
[87] (WO2014/016758)
[30] SE (1251340-4) 2012-11-27

[21] **2,879,714**
[13] A1

[51] **Int.Cl. A47K 5/122 (2006.01) B65D 1/22 (2006.01) B65D 75/52 (2006.01)**

[25] EN

[54] **COLLAPSIBLE CONTAINER AND DISPENSER EMPLOYING A COLLAPSIBLE CONTAINER**

[54] **CONTENANT SE REPLIANT ET DISTRIBUTEUR UTILISANT UN CONTENANT SE REPLIANT**

[72] PELFREY, KEITH, US
[71] GOJO INDUSTRIES, INC., US
[85] 2015-01-21
[86] 2013-07-24 (PCT/US2013/051846)
[87] (WO2014/018647)
[30] US (13/557,792) 2012-07-25

[21] **2,879,741**
[13] A1

[51] **Int.Cl. A61K 31/415 (2006.01) A61K 31/351 (2006.01) A61K 31/435 (2006.01) C07D 231/06 (2006.01)**

[25] EN

[54] **CANNABINOID RECEPTOR ANTAGONISTS/INVERSE AGONISTS**

[54] **ANTAGONISTES/AGONISTES INVERSES DES RECEPTEURS DES CANNABINOIDES**

[72] MCELROY, JOHN, US
[72] CHORVAT, ROBERT, US
[71] JENRIN DISCOVERY, INC., US
[85] 2015-01-21
[86] 2013-07-25 (PCT/US2013/051919)
[87] (WO2014/018695)
[30] US (61/675,806) 2012-07-25
[30] US (61/787,214) 2013-03-15
[30] US (13/950,195) 2013-07-24

[21] **2,879,763**
[13] A1

[51] **Int.Cl. A61K 38/57 (2006.01) A61P 7/02 (2006.01)**

[25] EN

[54] **THE USE OF ANTITHROMBIN IN EXTRACORPOREAL MEMBRANE OXYGENATION**

[54] **UTILISATION D'ANTITHROMBINE DANS L'OXYGENATION DE MEMBRANE EXTRACORPORELLE**

[72] LOWRY, SIMON, US
[72] FRIELING, JOHAN, US
[71] LFB USA, INC., US
[85] 2015-01-21
[86] 2013-08-02 (PCT/US2013/053365)
[87] (WO2014/022748)
[30] US (61/679,345) 2012-08-03

[21] **2,879,766**
[13] A1

[51] **Int.Cl. A61B 17/3207 (2006.01)**

[25] EN

[54] **DEVICES AND SYSTEMS FOR THROMBUS TREATMENT**

[54] **DISPOSITIFS ET SYSTEMES POUR LE TRAITEMENT DE THROMBUS**

[72] CULLY, EDWARD H., US
[72] FRIEDMAN, NATHAN L., US
[72] ZACHARIAS, ERIC H., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-01-21
[86] 2013-08-05 (PCT/US2013/053647)
[87] (WO2014/028259)
[30] US (61/683,043) 2012-08-14
[30] US (13/802,428) 2013-03-13
[30] US (13/802,437) 2013-03-13

[21] **2,879,772**
[13] A1

[51] **Int.Cl. A61K 31/5575 (2006.01) A61P 15/04 (2006.01)**

[25] EN

[54] **MISPROSTOL COMPOSITION**

[54] **COMPOSITION DE MISOPROSTOL**

[72] POWERS, BARBARA L., US
[72] ROBERTSON, STEVEN, GB
[71] FERRING B.V., NL
[85] 2015-01-22
[86] 2013-07-25 (PCT/EP2013/065767)
[87] (WO2014/016394)
[30] EP (12178079.5) 2012-07-26
[30] EP (13150702.2) 2013-01-09

Demandes PCT entrant en phase nationale

[21] **2,879,774**
[13] A1

[51] **Int.Cl. C02F 1/469 (2006.01) B01D 61/46 (2006.01) C02F 1/28 (2006.01) C02F 1/32 (2006.01) C02F 1/42 (2006.01) C02F 1/72 (2006.01) C02F 1/76 (2006.01) C02F 1/78 (2006.01)**

[25] EN
[54] **WATER TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT D'EAU**

[72] KAMIMURA, KAZUHIDE, JP
[72] OTOZAI, HOZUMI, JP
[72] SHIGIISHI, KOSUKE, JP
[72] SUZUKI, HIDEO, JP
[72] NAKASHOJI, HIROSHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2015-01-21
[86] 2012-08-03 (PCT/JP2012/069880)
[87] (WO2014/020762)

[21] **2,879,776**
[13] A1

[51] **Int.Cl. B65D 75/00 (2006.01) B65D 75/58 (2006.01)**

[25] EN
[54] **BEVERAGE CONTAINER WITH IMPROVED PUNCTURE POSSIBILITY**
[54] **RECIPIENT DE BOISSON EQUIPE D'UNE POSSIBILITE DE PERCAGE PERFECTIONNEE**

[72] KAISIG, CARSTEN, DE
[72] STUMPF, THOMAS, DE
[72] SCHWARTZ, ERHARD, DE
[71] DEUTSCHE SISI-WERKE BETRIEBS GMBH, DE

[85] 2015-01-22
[86] 2013-07-29 (PCT/EP2013/065875)
[87] (WO2014/023594)
[30] EP (12180091.6) 2012-08-10

[21] **2,879,782**
[13] A1

[51] **Int.Cl. C08G 59/40 (2006.01) C08K 5/00 (2006.01) C08K 5/05 (2006.01) C08K 5/06 (2006.01) C08K 5/07 (2006.01) C08K 5/10 (2006.01) C08K 5/5475 (2006.01) C08L 63/00 (2006.01) C08L 75/04 (2006.01)**

[25] EN
[54] **LIQUID HARDENERS FOR HARDENING EPOXIDE RESINS (II)**
[54] **DURCISSEURS LIQUIDES POUR LE DURCISSEMENT DE RESINES EPOXYDES (II)**

[72] STROBEL, SYLVIA, DE
[72] EBNER, MARTIN, DE
[72] RITZINGER, FLORIAN, DE
[72] KRIMMER, HANS-PETER, DE
[71] ALZCHEM AG, DE

[85] 2015-01-22
[86] 2013-07-31 (PCT/EP2013/066102)
[87] (WO2014/020072)
[30] DE (10 2012 015 315.5) 2012-08-02
[30] DE (10 2012 015 316.3) 2012-08-02

[21] **2,879,786**
[13] A1

[51] **Int.Cl. A23D 7/00 (2006.01)**

[25] EN
[54] **NEW FAT BLEND COMPOSITION**
[54] **NOUVELLE COMPOSITION DE MELANGE DE GRAISSES**

[72] PIISPA, EIJA, FI
[72] KARLOVITS, GYORGY, PL
[71] BUNGE NOVENYOLAJIPARI ZARTKORUEN MUKODO RESZVENYTARSASAG, HU

[85] 2015-01-22
[86] 2013-08-01 (PCT/EP2013/066198)
[87] (WO2014/020114)
[30] EP (12179149.5) 2012-08-03

[21] **2,879,791**
[13] A1

[51] **Int.Cl. C07C 319/24 (2006.01) C07C 319/28 (2006.01) C07C 321/14 (2006.01)**

[25] FR
[54] **PRODUCTION OF SYMMETRIC AND ASYMMETRIC DISULPHIDES BY REACTIVE DISTILLATION OF DISULPHIDE MIXTURES**
[54] **PREPARATION DE DISULFURES SYMETRIQUES ET DISSYMETRIQUES PAR DISTILLATION REACTIVE DE MELANGES DE DISULFURES**

[72] FREMY, GEORGES, FR
[71] ARKEMA FRANCE, FR

[85] 2015-01-21
[86] 2013-08-27 (PCT/FR2013/051974)
[87] (WO2014/033399)
[30] FR (12.58110) 2012-08-30

[21] **2,879,793**
[13] A1

[51] **Int.Cl. B05D 1/36 (2006.01) H01L 33/56 (2010.01) B05D 1/38 (2006.01) B32B 17/10 (2006.01) B32B 25/20 (2006.01) C08J 5/12 (2006.01) C08J 7/04 (2006.01) C09D 183/04 (2006.01) H01L 31/048 (2014.01)**

[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF A MULTILAYER SILICONE STRUCTURE**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE DE SILICONE DE TYPE MULTICOUCHE**

[72] KRETSCHMANN, OLIVER, DE
[72] PUTZER, MARKUS, DE
[72] DE SANTIS, CRISTIAN, DE
[72] RUPPENTHAL, ANDREA, DE
[72] KOOPMANN, CARSTEN, DE
[71] MOMENTIVE PERFORMANCE MATERIALS GMBH, DE

[85] 2015-01-22
[86] 2013-08-02 (PCT/EP2013/066245)
[87] (WO2014/020136)
[30] EP (12179288.1) 2012-08-03

PCT Applications Entering the National Phase

[21] **2,879,798**
[13] A1

[51] **Int.Cl. C07D 295/12 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01) C07D 295/125 (2006.01) C07D 403/12 (2006.01)**

[25] EN

[54] **ENZYME-ACTIVATING COMPOUNDS AND COMPOSITIONS**

[54] **COMPOSES ET COMPOSITIONS ACTIVANT DES ENZYMES**

[72] HERGENROTHER, PAUL J., US
[72] ROTH, HOWARD STEVEN, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2015-01-21
[86] 2013-08-05 (PCT/US2013/053648)
[87] (WO2014/022858)
[30] US (61/679,129) 2012-08-03

[21] **2,879,800**
[13] A1

[51] **Int.Cl. A61B 17/3207 (2006.01)**

[25] EN

[54] **DEVICES AND SYSTEMS FOR THROMBUS TREATMENT**

[54] **DISPOSITIFS ET SYSTEMES POUR LE TRAITEMENT DE THROMBUS**

[72] CULLY, EDWARD H., US
[72] FRIEDMAN, NATHAN L., US
[72] ZACHARIAS, ERIC H., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-01-21
[86] 2013-08-05 (PCT/US2013/053655)
[87] (WO2014/028260)
[30] US (61/683,043) 2012-08-14
[30] US (13/802,428) 2013-03-13
[30] US (13/802,437) 2013-03-13

[21] **2,879,803**
[13] A1

[51] **Int.Cl. G03B 3/04 (2006.01) G03B 3/10 (2006.01) H04N 5/225 (2006.01)**

[25] EN

[54] **DYNAMICALLY CURVED SENSOR FOR OPTICAL ZOOM LENS**

[54] **CAPTEUR A INCURVATION DYNAMIQUE POUR OBJECTIF OPTIQUE A FOCALE VARIABLE**

[72] GUENTER, BRIAN K., US
[72] JOSHI, NEEL S., US
[71] MICROSOFT CORPORATION, US
[85] 2015-01-21
[86] 2013-08-16 (PCT/US2013/055227)
[87] (WO2014/031453)
[30] US (61/684,967) 2012-08-20
[30] US (13/720,872) 2012-12-19

[21] **2,879,804**
[13] A1

[51] **Int.Cl. C08F 220/04 (2006.01) C08K 5/05 (2006.01)**

[25] EN

[54] **STABILIZED AQUEOUS WATER CLARIFIER COMPOSITION AND METHODS OF USE**

[54] **COMPOSITION AQUEUSE STABILISEE POUR CLARIFICATEUR D'EAU ET SES PROCEDES D'UTILISATION**

[72] HOYLES, STEPHEN M., US
[72] AYERS, CALLIE M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-01-21
[86] 2013-08-20 (PCT/US2013/055718)
[87] (WO2014/035723)
[30] US (61/693,441) 2012-08-27

[21] **2,879,805**
[13] A1

[51] **Int.Cl. A01N 25/24 (2006.01)**

[25] EN

[54] **POLYAMIDE AND POLYIMIDE STICKER ADJUVANTS**

[54] **ADJUVANTS D'ADHESIVITE A BASE DE POLYAMIDE ET DE POLYIMIDE**

[72] MEREDITH, MATTHEW T., US
[72] STERN, ALAN J., US
[72] SAYLIK, DILEK, AU
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2015-01-21
[86] 2013-11-06 (PCT/US2013/065175)
[87] (WO2014/070451)
[30] US (61/721,152) 2012-11-01
[30] US (61/826,711) 2013-05-23

[21] **2,879,806**
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) E21B 49/00 (2006.01)**

[25] EN

[54] **DOWN-HOLE MONITORING AND SURVEY SYSTEM**

[54] **SYSTEME DE SURVEILLANCE ET DE RECONNAISSANCE DE FOND DE FORAGE**

[72] MAHER, AARON COPE, AU
[72] MAHER, DION JAYE, AU
[72] CROUCH, ADRIAN JAMES, AU
[72] LANE, CHRISTOPHER DAVID, AU
[71] PRECISION SYSTEMS INTERNATIONAL IP PTY LTD, AU
[85] 2015-01-22
[86] 2013-07-25 (PCT/AU2013/000817)
[87] (WO2014/015372)
[30] AU (2012903170) 2012-07-25

Demandes PCT entrant en phase nationale

[21] **2,879,807**
[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01) B01J 20/28 (2006.01) B01J 20/30 (2006.01)**
[25] EN
[54] **GAS SEPARATION PROCESSES**
[54] **PROCEDES DE SEPARATION DE GAZ**
[72] LADEWIG, BRADLEY, AU
[72] LYNDON, RICHELLE, AU
[72] HILL, MATTHEW, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] MONASH UNIVERSITY, AU
[85] 2015-01-22
[86] 2013-07-26 (PCT/AU2013/000831)
[87] (WO2014/015383)
[30] AU (2012903210) 2012-07-26

[21] **2,879,808**
[13] A1

[51] **Int.Cl. B21D 24/12 (2006.01) B21D 5/01 (2006.01) B21D 22/26 (2006.01)**
[25] EN
[54] **PRESS-FORMING TOOL AND METHOD FOR MANUFACTURING PRESS-FORMED PRODUCT**
[54] **MOULE DE FORMAGE SOUS PRESSION ET PROCEDE POUR FABRIQUER UN PRODUIT FORME SOUS PRESSION**
[72] YOSHIDA, TOHRU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-19
[86] 2012-12-19 (PCT/JP2012/082907)
[87] (WO2014/097421)

[21] **2,879,810**
[13] A1

[51] **Int.Cl. B23D 31/00 (2006.01)**
[25] EN
[54] **FRACTURE-SPLITTING APPARATUS AND FRACTURE-SPLITTING METHOD FOR THE FRACTURE-SPLITTING OF WORKPIECES**
[54] **DISPOSITIF DE SEPARATION PAR RUPTURE ET PROCEDE DE SEPARATION PAR RUPTURE PERMETTANT DE SEPARER DES PIECES PAR RUPTURE**
[72] MULLNER, RALF, DE
[71] ALFING KESSLER SONDERMASCHINEN GMBH, DE
[85] 2015-01-21
[86] 2013-07-04 (PCT/EP2013/001963)
[87] (WO2014/019637)
[30] DE (10 2012 015 385.6) 2012-08-02

[21] **2,879,811**
[13] A1

[51] **Int.Cl. E01B 9/48 (2006.01) E01B 2/00 (2006.01) E01B 9/68 (2006.01)**
[25] EN
[54] **TRACK FASTENING ASSEMBLY FOR TRANSITION AREAS**
[54] **SYSTEME DE FIXATION DE RAIL POUR ZONES DE RACCORDEMENT**
[72] WALTER, DANIEL, DE
[72] LIENHARD, STEFAN, DE
[72] DANNEBERG, ERIK, CH
[72] BUDA, ROLAND, DE
[71] SCHWIHAG AG, CH
[85] 2015-01-21
[86] 2013-07-22 (PCT/EP2013/065413)
[87] (WO2014/016246)
[30] DE (10 2012 014 500.4) 2012-07-23

[21] **2,879,812**
[13] A1

[51] **Int.Cl. B24B 19/20 (2006.01) B24B 31/00 (2006.01) B24B 41/06 (2012.01)**
[25] EN
[54] **COIN BILLET OR COINING DIE HOLDER**
[54] **SUPPORT DE BILLETTE A FRAPPER OU DE MATRICE DE FRAPPE**
[72] COOK, GERAIN, GB
[71] THE ROYAL MINT LIMITED, GB
[85] 2015-01-22
[86] 2013-07-24 (PCT/GB2013/051975)
[87] (WO2014/016592)
[30] GB (1213098.5) 2012-07-24

[21] **2,879,813**
[13] A1

[51] **Int.Cl. F16H 39/26 (2006.01)**
[25] EN
[54] **VARIABLE HYDRAULIC TRANSMISSION**
[54] **TRANSMISSION HYDRAULIQUE REGLABLE**
[72] MIROPOLECS, STANISLAVS, LV
[72] MIROPOLECS, PAVELS, LV
[71] MIROPOLECS, STANISLAVS, LV
[71] MIROPOLECS, PAVELS, LV
[71] LUDINOVSKIS, IGORS, LV
[85] 2015-01-19
[86] 2012-11-27 (PCT/LV2012/000020)
[87] (WO2014/030989)
[30] LV (P-12-136) 2012-08-21

[21] **2,879,814**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ANTIBODIES OR FUSION PROTEINS MULTIMERIZED VIA CYSTEINE MUTATION AND A MUTATION**
[54] **ANTICORPS OU PROTEINES DE FUSION MULTIMERISEES PAR L'INTERMEDIAIRE DE LA MUTATION D'UNE CYSTEINE ET UNE PIECE DE QUEUE ?**
[72] TSURUSHITA, NAOYA, US
[72] TSO, J. YUN, US
[71] JN BIOSCIENCES LLC, US
[85] 2015-01-21
[86] 2013-07-31 (PCT/US2013/053086)
[87] (WO2014/022592)
[30] US (61/679,045) 2012-08-02
[30] US (61/767,724) 2013-02-21

[21] **2,879,815**
[13] A1

[51] **Int.Cl. C12N 7/02 (2006.01) A61K 39/125 (2006.01)**
[25] EN
[54] **PURIFICATION OF VIRUS LIKE PARTICLES**
[54] **PURIFICATION DE PARTICULES DE TYPE VIRAL**
[72] TAYLOR, ROSS, US
[71] TAKEDA VACCINES, INC., US
[85] 2014-12-08
[86] 2013-06-24 (PCT/US2013/047249)
[87] (WO2013/192604)
[30] US (61/663,218) 2012-06-22
[30] US (61/794,086) 2013-03-15

PCT Applications Entering the National Phase

[21] **2,879,816**
[13] A1

[51] **Int.Cl. C07D 249/10 (2006.01) A61K 31/44 (2006.01) A61P 31/16 (2006.01) C07D 261/18 (2006.01)**

[25] EN

[54] **METHANETHIONE COMPOUNDS HAVING ANTIVIRAL ACTIVITY**

[54] **COMPOSES METHANETHIONES AYANT UNE ACTIVITE ANTIVIRALE**

[72] HOMMAN, MOHAMMED, SE

[72] KINGI, NGARITA, SE

[72] BERGMAN, JAN, SE

[72] BERG, ROBERT, SE

[71] VIRONOVA AB, SE

[85] 2014-11-17

[86] 2013-05-17 (PCT/EP2013/060266)

[87] (WO2013/171334)

[30] US (61/648,700) 2012-05-18

[30] US (61/659,516) 2012-06-14

[30] US (61/666,286) 2012-06-29

[30] US (61/774,991) 2013-03-08

[21] **2,879,817**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01)**

[25] EN

[54] **POROUS METAL DENTAL IMPLANT**

[54] **IMPLANT DENTAIRE METALLIQUE POREUX**

[72] WILLIS, EDWARD M., US

[72] CRON, SCOTT V., US

[72] HOLLENBECK, RYAN, US

[71] ZIMMER, INC., US

[85] 2015-01-21

[86] 2013-07-22 (PCT/US2013/051466)

[87] (WO2014/018441)

[30] US (61/674,610) 2012-07-23

[21] **2,879,818**
[13] A1

[51] **Int.Cl. H02J 4/00 (2006.01) H04W 88/00 (2009.01) F21S 8/08 (2006.01) H04B 3/54 (2006.01) H05B 37/02 (2006.01) F21K 99/00 (2010.01)**

[25] EN

[54] **LIGHT FIXTURE HAVING POWER OVER ETHERNET POWER SOURCING EQUIPMENT**

[54] **LUMINAIRE AYANT UN EQUIPEMENT DE SOURCAGE DE PUISSANCE DE PUISSANCE SUR ETHERNET**

[72] LEPARD, DONALD E., US

[71] GLOBAL GREEN LIGHTING, LLC, US

[85] 2015-01-07

[86] 2013-07-02 (PCT/US2013/049088)

[87] (WO2014/011444)

[30] US (13/544,644) 2012-07-09

[21] **2,879,819**
[13] A1

[51] **Int.Cl. G06F 21/72 (2013.01) G06F 11/30 (2006.01) G06F 12/14 (2006.01) H04L 9/32 (2006.01)**

[25] EN

[54] **SYSTEMS, METHODS AND APPARATUSES FOR SECURE TIME MANAGEMENT**

[54] **SYSTEMES, PROCEDES ET APPAREILS POUR GESTION DE TEMPS SECURISEE**

[72] IGNATCHENKO, SERGEY, AT

[72] IVANCHYKHIN, DMYTRO, UA

[71] OLOGN TECHNOLOGIES AG, LI

[85] 2014-12-17

[86] 2013-06-18 (PCT/IB2013/001275)

[87] (WO2013/190363)

[30] US (61/661,248) 2012-06-18

[30] US (13/920,299) 2013-06-18

[21] **2,879,820**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01)**

[25] EN

[54] **SYSTEMS, TOOLS, AND METHODS FOR CONNECTING TO TISSUE**

[54] **SYSTEMES, OUTILS ET PROCEDES DE LIAISON A UN TISSU**

[72] KHAMIS, CHAOUKI A., US

[72] THORSON, MICAH D., US

[72] VIKER, THOMAS O., US

[71] AMS RESEARCH CORPORATION, US

[85] 2015-01-21

[86] 2013-07-23 (PCT/US2013/051563)

[87] (WO2014/018473)

[30] US (61/675,050) 2012-07-24

[30] US (13/832,319) 2013-03-15

[21] **2,879,821**
[13] A1

[51] **Int.Cl. C22B 1/02 (2006.01) C22B 3/00 (2006.01) C22B 11/06 (2006.01)**

[25] EN

[54] **HYDROMETALLURGICAL TREATMENT PROCESS FOR EXTRACTION OF METALS FROM CONCENTRATES**

[54] **PROCEDE DE TRAITEMENT HYDROMETALLURGIQUE D'EXTRACTION DE METAUX A PARTIR DE CONCENTRES**

[72] LIDDELL, KEITH STUART, GB

[72] ADAMS, MICHAEL DAVID, TH

[71] LIFEZONE LIMITED, MU

[85] 2014-12-01

[86] 2013-07-12 (PCT/IB2013/055760)

[87] (WO2014/009928)

[30] ZA (2012/05222) 2012-07-13

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[21] **2,879,822**
[13] A1

[51] **Int.Cl. G06Q 20/14 (2012.01) G06Q 50/10 (2012.01)**

[25] EN

[54] **TRANSACTION MANAGEMENT SYSTEM AND TRANSACTION MANAGEMENT PROGRAM**

[54] **SYSTEME DE GESTION DE TRANSACTIONS ET PROGRAMME DE GESTION DE TRANSACTIONS**

[72] KAGIWADA, YOSHIMITSU, JP

[71] KAGIWADA, YOSHIMITSU, JP

[71] KEYSOFT, INC., JP

[85] 2015-01-22

[86] 2012-07-31 (PCT/JP2012/069509)

[87] (WO2014/020711)

[21] **2,879,824**
[13] A1

[51] **Int.Cl. C07D 209/52 (2006.01) A61K 31/403 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **SAXAGLIPTIN SALTS**

[54] **SELS DE SAXAGLIPTINE**

[72] ARYAN, RAM CHANDER, IN

[72] SINGH, ASHWANI KUMAR, IN

[72] SHARMA, AMIT, IN

[72] RATHORE, RAMENDRA SINGH, IN

[71] RANBAXY LABORATORIES LIMITED, IN

[85] 2014-12-23

[86] 2013-07-02 (PCT/IB2013/055429)

[87] (WO2014/006569)

[30] IN (2061/DEL/2012) 2012-07-02

[30] IN (3917/DEL/2012) 2012-12-19

[21] **2,879,827**
[13] A1

[51] **Int.Cl. B41J 2/175 (2006.01)**

[25] EN

[54] **LIQUID HOLDING CONTAINER AND LIQUID SUPPLY SYSTEM**

[54] **CONTENANT RECEVANT UN LIQUIDE ET SYSTEME D'ALIMENTATION EN LIQUIDE**

[72] KOBAYASHI, ATSUSHI, JP

[72] NOZAWA, IZUMI, JP

[72] MIZUTANI, TADAHIRO, JP

[72] NAKAMURA, HIROYUKI, JP

[72] KAWATE, HIROYUKI, JP

[71] SEIKO EPSON CORPORATION, JP

[85] 2015-01-22

[86] 2013-07-30 (PCT/JP2013/004620)

[87] (WO2014/024420)

[30] JP (2012-175750) 2012-08-08

[30] JP (2013-063527) 2013-03-26

[30] JP (2013-117616) 2013-06-04

[21] **2,879,823**
[13] A1

[51] **Int.Cl. G10L 21/0388 (2013.01) G10L 19/02 (2013.01)**

[25] EN

[54] **DEVICE, METHOD AND COMPUTER PROGRAM FOR FREELY SELECTABLE FREQUENCY SHIFTS IN THE SUBBAND DOMAIN**

[54] **DISPOSITIF, PROCEDURE ET PROGRAMME D'ORDINATEUR POUR DES DECALAGES DE FREQUENCE LIBREMENT SELECTIONNABLES DANS LES PLAGES DE SOUS-BANDES**

[72] NAGEL, FREDERIK, DE

[72] SCHNABEL, MICHAEL, DE

[72] NEUKAM, CHRISTIAN, DE

[72] SCHULLER, GERALD, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V., DE

[71] TECHNISCHE UNIVERSITAT ILMENAU, DE

[85] 2014-12-19

[86] 2013-07-01 (PCT/EP2013/063827)

[87] (WO2014/005992)

[30] US (61/667,119) 2012-07-02

[30] EP (12175808.0) 2012-07-10

[21] **2,879,825**
[13] A1

[51] **Int.Cl. G01N 3/32 (2006.01) G01Q 40/00 (2010.01) G01M 5/00 (2006.01)**

[25] EN

[54] **TORSIONAL AND LATERAL STIFFNESS MEASUREMENT**

[54] **MESURE DE RIGIDITE LATERALE ET EN TORSION**

[72] HAEHNER, GEORG, GB

[72] PARKIN, JOHN, GB

[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB

[85] 2015-01-21

[86] 2013-08-15 (PCT/GB2013/052167)

[87] (WO2014/041331)

[30] GB (1216529.6) 2012-09-17

[21] **2,879,828**
[13] A1

[51] **Int.Cl. F28F 9/013 (2006.01) B60H 1/32 (2006.01) F28D 5/00 (2006.01) F28F 9/02 (2006.01)**

[25] EN

[54] **HEAT EXCHANGER**

[54] **ECHANGEUR DE CHALEUR**

[72] MOSER, GEORGE, US

[72] OSTAPOWICZ, ADAM, US

[72] KENNEDY, LAWRENCE C., US

[72] LINN, RANDY, US

[71] COOPER-STANDARD AUTOMOTIVE, INC., US

[85] 2014-12-23

[86] 2013-03-29 (PCT/US2013/034535)

[87] (WO2014/003865)

[30] US (13/536,287) 2012-06-28

[21] **2,879,826**
[13] A1

[51] **Int.Cl. F17D 1/07 (2006.01)**

[25] EN

[54] **MULTI-STREAM COMPRESSOR MANAGEMENT SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDURE DE GESTION DE COMPRESSEUR A COURANTS MULTIPLES**

[72] TALTON, MIMS, US

[72] BAKER, AARON, US

[71] FLOGISTIX, LP, US

[85] 2015-01-21

[86] 2013-07-23 (PCT/US2013/051635)

[87] (WO2014/018510)

[30] US (61/674,640) 2012-07-23

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[21] **2,879,829**
[13] A1

[51] **Int.Cl. B02C 23/00 (2006.01) A47J 43/08 (2006.01) B01F 13/00 (2006.01)**
[25] EN
[54] **BLENDER WITH ELEVATOR ASSEMBLY AND REMOVABLE SPINDLE**
[54] **MELANGEUR A ENSEMBLE ELEVATEUR ET ARBRE ROTATIF AMOVIBLE**
[72] FARRELL, JAMES J., US
[72] VOGES, JENS P., US
[72] BRADLEY, CHRIS M., US
[72] CAUCHOIS, GAGE C., US
[72] CONNELL, STEVE T., US
[72] GARDNER, CLAYTON G., US
[72] LAU, SHEK FAI, US
[72] LEHMAN, JOSEPH M., US
[71] F'REAL FOODS, LLC, US
[85] 2014-12-23
[86] 2013-06-26 (PCT/US2013/048010)
[87] (WO2014/004744)
[30] US (13/533,922) 2012-06-26
[30] US (13/533,928) 2012-06-26
[30] US (13/533,938) 2012-06-26
[30] US (13/533,950) 2012-06-26
[30] US (13/928,285) 2013-06-26

[21] **2,879,830**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **NEGATIVE SIGNALS FOR ADVERTISEMENT TARGETING**
[54] **SIGNAUX NEGATIFS POUR CIBLER DES PUBLICITES**
[72] GARCIA-MARTINEZ, ANTONIO FELIPE, US
[71] FACEBOOK, INC., US
[85] 2015-01-21
[86] 2013-07-23 (PCT/US2013/051702)
[87] (WO2014/022157)
[30] US (13/566,016) 2012-08-03

[21] **2,879,832**
[13] A1

[51] **Int.Cl. B42D 15/00 (2006.01)**
[25] EN
[54] **SECURITY ELEMENT HAVING A COLOR-EFFECT-PRODUCING STRUCTURE**
[54] **ELEMENT DE SECURITE COMPORTANT UNE STRUCTURE PRODUISANT UN EFFET COLORE**
[72] LOCHBIHLER, HANS, DE
[71] GIESECKE & DEVRIENT GMBH, DE
[85] 2015-01-06
[86] 2013-08-05 (PCT/EP2013/002338)
[87] (WO2014/023415)
[30] DE (10 2012 015 900.5) 2012-08-10

[21] **2,879,833**
[13] A1

[51] **Int.Cl. F16K 17/40 (2006.01) F16K 17/14 (2006.01)**
[25] EN
[54] **RUPTURE DISC HAVING LASER-DEFINED REVERSAL INITIATION AND DEFORMATION CONTROL FEATURES**
[54] **DISQUE DE RUPTURE AYANT DES CARACTERISTIQUES DE COMMANDE DE DEFORMATION ET D'INITIATION D'INVERSION DEFINIES PAR LASER**
[72] WALKER, JOSEPH A., US
[72] FARRELL, TOM, US
[71] FIKE CORPORATION, US
[85] 2014-12-29
[86] 2013-07-11 (PCT/US2013/050096)
[87] (WO2014/014741)
[30] US (13/552,165) 2012-07-18

[21] **2,879,834**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **HIGHLY DIVERSE COMBINATORIAL ANTIBODY LIBRARIES**
[54] **BANQUES D'ANTICORPS COMBINATOIRES HAUTEMENT DIVERS**
[72] DE HAARD, JOHANNES JOSEPH WILHELMUS, NL
[72] BLANCHETOT, CHRISTOPHE FREDERIC JEROME, NL
[72] KLARENBECK, ALEX, NL
[72] ACHOUR, IKBEL, US
[72] EL MAZOUARI, KHALIL, BE
[72] DEL FAVERO, JURGEN, BE
[71] ARGEN-X BV, NL
[85] 2015-01-09
[86] 2013-09-02 (PCT/EP2013/068110)
[87] (WO2014/033304)
[30] US (61/695,819) 2012-08-31

[21] **2,879,835**
[13] A1

[51] **Int.Cl. F16P 1/04 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **DRIVE HEAD SAFETY GUARD PROTECTION DE SECURITE DE TETE D'ENTRAINEMENT**
[72] HULT, VERN, CA
[72] STEGHAUS, ANNE, CA
[72] RUTHERFORD, SCOTT, CA
[72] HARTY, KEVIN, CA
[72] ROMANSKY, MAX, CA
[71] OIL LIFT TECHNOLOGY INC., CA
[85] 2015-01-22
[86] 2013-07-24 (PCT/CA2013/050576)
[87] (WO2014/015435)
[30] US (61/675,212) 2012-07-24

[21] **2,879,836**
[13] A1

[51] **Int.Cl. A41D 1/00 (2006.01) A41F 19/00 (2006.01)**
[25] EN
[54] **KIMONO**
[54] **KIMONO**
[72] INOUE, TOMOKO, JP
[72] HOSOKAWA, CHIE, JP
[71] INOUE, TOMOKO, JP
[71] HOSOKAWA, CHIE, JP
[85] 2015-01-22
[86] 2013-07-23 (PCT/JP2013/069849)
[87] (WO2014/034325)
[30] JP (2012-185994) 2012-08-27

Demandes PCT entrant en phase nationale

[21] **2,879,837**
[13] A1

[51] **Int.Cl. F01D 11/00 (2006.01) F16J 15/00 (2006.01) F16J 15/32 (2006.01) F16J 15/44 (2006.01) F16J 15/447 (2006.01)**

[25] FR

[54] **GASKET DEVICE FOR THE BEARING OF A TURBOMACHINE, COMPRISING TWO ELASTIC SEALS**

[54] **DISPOSITIF DE JOINT D'ETANCHEITE DE PALIER DE TURBOMACHINE AVEC DEUX JOINTS ELASTIQUES**

[72] BAPTISTA, JONATHAN BORIS, FR

[71] SNECMA, FR

[85] 2014-12-30

[86] 2013-07-04 (PCT/FR2013/051591)

[87] (WO2014/006338)

[30] FR (12 56544) 2012-07-06

[21] **2,879,839**
[13] A1

[51] **Int.Cl. C12P 3/00 (2006.01) C01B 17/16 (2006.01)**

[25] EN

[54] **PRODUCTION OF SULPHYDRIC ACID FROM SULPHUR BY A MICROBIAL CONSORTIUM**

[54] **PRODUCTION D'ACIDE SULFHYDRIQUE A PARTIR DE SOUFRE AU MOYEN D'UN CONSORTIUM MICROBIEN**

[72] COTORAS TADIC, DAVOR, CL

[72] MARTINEZ LUCO, CRISTIAN PATRICIO, CL

[71] UNIVERSIDAD DE CHILE, CL

[85] 2015-01-22

[86] 2013-10-04 (PCT/CL2013/000070)

[87] (WO2014/067023)

[30] CL (3056-2012) 2012-10-31

[21] **2,879,840**
[13] A1

[51] **Int.Cl. C07C 27/00 (2006.01) B01J 23/656 (2006.01) C07C 29/158 (2006.01) C07C 31/08 (2006.01) C07C 45/49 (2006.01) C07C 47/06 (2006.01) C07B 61/00 (2006.01)**

[25] EN

[54] **SYSTEM FOR PRODUCING OXYGENATE AND METHOD FOR PRODUCING OXYGENATE**

[54] **SYSTEME DE PRODUCTION D'UN PRODUIT OXYGENE ET PROCEDE DE PRODUCTION D'UN PRODUIT OXYGENE**

[72] MIYAMA, TOSHIHITO, JP

[72] NISHINO, TOMOAKI, JP

[72] OKADA, OSAMU, JP

[72] NONOUCHI, TAMOTSU, JP

[71] SEKISUI CHEMICAL CO., LTD., JP

[71] RENAISSANCE ENERGY RESEARCH CORPORATION, JP

[85] 2015-01-22

[86] 2013-07-23 (PCT/JP2013/069879)

[87] (WO2014/017470)

[30] JP (2012-162789) 2012-07-23

[30] JP (2013-037934) 2013-02-27

[21] **2,879,841**
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETECTING USED AND DRIED SENSORS**

[54] **SYSTEME ET PROCEDE POUR LA DETECTION DE DETECTEURS UTILISES ET SECS**

[72] HARRISON, BERN, US

[71] BAYER HEALTHCARE LLC, US

[85] 2015-01-22

[86] 2012-08-31 (PCT/US2012/053390)

[87] (WO2014/018069)

[30] US (61/676,549) 2012-07-27

[21] **2,879,843**
[13] A1

[51] **Int.Cl. C08F 26/10 (2006.01) A61B 5/00 (2006.01) A61K 8/81 (2006.01) C08F 226/10 (2006.01)**

[25] EN

[54] **NITRIC OXIDE-RELEASING DIAZENIUMDIOLATED POLYVINYLPIRROLIDONE-BASED POLYMERS, AND COMPOSITIONS, MEDICAL DEVICES, AND USES THEREOF**

[54] **POLYMERES A BASE DE POLYVINYLPIRROLIDONE DIAZENIUMDIOLES ET LIBERANT DE L'OXYDE NITRIQUE, COMPOSITIONS, DISPOSITIFS MEDICAUX ET APPLICATIONS ASSOCIEES**

[72] HRABIE, JOSEPH A., US

[72] KEEFER, LARRY K., US

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

[85] 2015-01-15

[86] 2013-07-17 (PCT/US2013/050793)

[87] (WO2014/014978)

[30] US (61/672,486) 2012-07-17

[21] **2,879,844**
[13] A1

[51] **Int.Cl. B42D 15/00 (2006.01) B41M 3/14 (2006.01) B44F 1/08 (2006.01) G09F 3/02 (2006.01)**

[25] EN

[54] **OPTICALLY VARIABLE SECURITY THREADS AND STRIPES**

[54] **BANDES ET FILS DE SECURITE OPTIQUEMENT VARIABLES**

[72] RITTER, GEBHARD, CH

[72] DEMANGE, RAYNALD, CH

[72] DEGOTT, PIERRE, CH

[72] YE, ZHONGDONG, CN

[72] WU, YUANQI, CN

[72] SUN, FANGYI, CN

[72] WANG, WEIRU, CN

[72] LI, XIANG, CN

[71] SICPA HOLDING SA, CH

[71] CHINA BANKNOTE PRINTING AND MINTING CORPORATION, CN

[71] ZHONGCHAO SPECIAL SECURITY TECHNOLOGY CO., LTD., CN

[71] CHINA BANKNOTE SICPA SECURITY INK CO., LTD., CN

[85] 2015-01-22

[86] 2012-08-01 (PCT/CN2012/079487)

[87] (WO2014/019163)

PCT Applications Entering the National Phase

[21] **2,879,846**
[13] A1

[51] **Int.Cl. A61K 31/415 (2006.01) A61K 9/08 (2006.01) A61K 47/32 (2006.01) A61P 17/00 (2006.01) A61P 31/10 (2006.01)**

[25] EN

[54] **TOPICAL LIQUID AGENT FOR THE TREATMENT OF DERMATOPHYTOSIS**

[54] **SOLUTION ANTI-TRICHOPHYTIQUE A USAGE EXTERNE**

[72] FURUTA, YOSHIKO, JP
[72] KOMATSU, KAZUKI, JP
[72] KAYA, ARPANSIREE, JP
[72] TAKAHATA, SHO, JP
[72] TABATA, YUJI, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2015-01-22
[86] 2013-07-30 (PCT/JP2013/070525)
[87] (WO2014/021282)
[30] JP (PCT/JP2012/069306) 2012-07-30

[21] **2,879,847**
[13] A1

[51] **Int.Cl. A61K 31/167 (2006.01) A61K 8/42 (2006.01) A61K 9/00 (2006.01) A61P 17/14 (2006.01)**

[25] EN

[54] **EPROTIROME FOR USE IN THE PREVENTION AND/OR TREATMENT OF HAIR DISORDERS AND COMPOSITIONS THEREOF**

[54] **EPROTIROME DESTINE A ETRE UTILISE DANS LA PREVENTION ET/OU LE TRAITEMENT DE TROUBLES CAPILLAIRES ET COMPOSITIONS CORRESPONDANTES**

[72] SOEBERDT, MICHAEL, DE
[72] KNIE, ULRICH, DE
[72] ABELS, CHRISTOPH, DE
[71] DR. AUGUST WOLFF GMBH & CO. KG ARZNEIMITTEL, DE
[85] 2015-01-16
[86] 2013-08-05 (PCT/EP2013/066409)
[87] (WO2014/023698)
[30] EP (12179384.8) 2012-08-06
[30] US (61/679,990) 2012-08-06

[21] **2,879,849**
[13] A1

[51] **Int.Cl. B65D 35/10 (2006.01) B65D 35/12 (2006.01) B65D 35/38 (2006.01) B65D 35/44 (2006.01)**

[25] EN

[54] **FLOWABLE DISPENSERS, SYSTEMS, AND FILLING PROCESSES**

[54] **DISTRIBUTEURS FLUIDES, SYSTEMES ET PROCEDES DE REMPLISSAGE ASSOCIES**

[72] STEHLI, CHARLES JR., US
[72] PANSIER, DONALD, US
[72] DEMATTEIS, ROBERT, US
[71] STEHLI, CHARLES JR., US
[71] PANSIER, DONALD, US
[71] DEMATTEIS, ROBERT, US
[85] 2015-01-22
[86] 2012-07-07 (PCT/US2012/045872)
[87] (WO2013/019362)
[30] US (61/574,392) 2011-08-01

[21] **2,879,850**
[13] A1

[51] **Int.Cl. C07D 473/04 (2006.01) A61K 31/437 (2006.01) A61K 31/522 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **XANTHINE DERIVATIVE**

[54] **DERIVE DE LA XANTHINE**

[72] WANG, YING, CN
[72] XIANG, YONGZHE, CN
[72] CEN, GUODONG, CN
[72] HUANG, LONG, CN
[72] LIU, JIAN, CN
[72] ZHOU, NING, CN
[72] ZHANG, JIBING, CN
[71] CHENGDU EASTON PHARMACEUTICAL CO., LTD., CN
[85] 2015-01-22
[86] 2013-05-15 (PCT/CN2013/075627)
[87] (WO2013/189219)
[30] CN (201210205678.4) 2012-06-20

[21] **2,879,851**
[13] A1

[51] **Int.Cl. C13K 1/02 (2006.01) C13B 20/16 (2011.01) B01D 61/02 (2006.01) B01D 61/14 (2006.01) B01D 61/58 (2006.01) B01D 65/06 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING SUGAR SOLUTION**

[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE**

[72] KISHIMOTO, JUMPEI, JP
[72] KURIHARA, HIROYUKI, JP
[72] MINAMINO, ATSUSHI, JP
[72] YAMADA, KATSUSHIGE, JP
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[54] **CATALYTIC REDUCTION OF NOX WITH HIGH ACTIVITY CATALYSTS WITH PROPYLENE REDUCTANT**

[54] **REDUCTION CATALYTIQUE DE NOX AVEC DES CATALYSEURS A ACTIVITE ELEVEE AVEC UN REDUCTEUR PROPYLENE**

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[72] SOCHA, RICHARD F., US
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[54] **WINDSCREEN WIPER DEVICE**

[54] **DISPOSITIF D'ESSUIE-GLACE POUR PARE-BRISE**

[72] BOLAND, XAVIER, BE
[71] FEDERAL-MOGUL S.A., BE
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[72] COOK, JEFFREY A., US
[72] RANIN, CATHERINE, US
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[54] **SYSTEMS AND METHODS FOR PACKAGING AND TRANSPORTING BULK MATERIALS**
[54] **SYSTEMES ET PROCEDES D'EMBALLAGE ET DE TRANSPORT DE MATERIAUX EN VRAC**
[72] SCUDDER, ERIK D., US
[72] ADELMAN, SHONAGH EVA, US
[71] SCUDDER, ERIK D., US
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[54] **INTEGRATED ANTENNA COIL IN A METALLIC BODY**
[54] **BOBINE D'ANTENNE INTEGREE DANS UN CORPS METALLIQUE**
[72] JONELY, MICHAEL B., US
[71] MASTER LOCK COMPANY LLC, US
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[54] **VOLTAGE SURGE PROTECTOR HAVING A PRESSURE RELEASE MECHANISM**
[54] **DISPOSITIF DE PROTECTION CONTRE LA SURTENSION AVEC MECANISME DE LIBERATION DE PRESSION**
[72] PONCE VELEZ, MARCO ANTONIO, MX
[72] TORRES NAVA, CLAUDIO, MX
[71] MAPPEC MATERIALES-PRODUCTOS POLIMERICOS Y ELEMENTOS DE CONSTRUCCION, S. A. DE C. V., MX
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[54] **STRATIGRAPHIC MODELING USING PRODUCTION DATA DENSITY PROFILES**
[54] **MODELISATION STRATIGRAPHIQUE A L'AIDE DE PROFILS DE DENSITE DE DONNEES DE PRODUCTION**
[72] YARUS, JEFFREY MARC, US
[72] MAUCEC, MARKO, US
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[54] **ENDPOINT ZYGOSITY ASSAY TO DETECT RF4 GENE IN MAIZE**
[54] **ANALYSE A POINT DE VIRAGE DE LA ZYGOSITE PERMETTANT DE DETECTER LE GENE RF4 DU MAIS**
[72] REN, RUIHUA, US
[72] ZHENG, PEIZHONG, US
[72] KUMPATLA, SIVA PRASAD, US
[71] DOW AGROSCIENCES LLC, US
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[54] **FIBER BLENDS FOR WASH DURABLE THERMAL AND COMFORT PROPERTIES**
[54] **MELANGES DE FIBRES POUR DES CARACTERISTIQUES THERMIQUES ET DE CONFORT RESISTANTES AU LAVAGE**
[72] HINES, ROBERT WINFRED, US
[72] BAILEY, JAMES JONATHAN, US
[71] DRIFIRE, LLC, US
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[54] **CAOUTCHOUC NATUREL CONTENANT DU NANOCARBONE**
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[71] AMRIL AG, CH
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[54] **STRUCTURING AGENT FOR LIQUID DETERGENT AND PERSONAL CARE PRODUCTS**

[54] **AGENT STRUCTURANT POUR PRODUITS DETERGENTS LIQUIDES ET PRODUITS DE SOINS PERSONNELS**

[72] VAN ENGELEN, GERARDUS PETRUS FRANCISCUS MARIA, NL

[72] VAN INGEN, GILSBERT ADRIAAN, NL

[72] MEEUWISSEN, CORNE, NL

[72] NOLLES, ROBERT, NL

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[54] **BOITIER DE FILTRE, FILTRE PLISSE ET FILTRE DE SECURITE**

[72] MERRITT, STEVEN J., US

[72] CALCATERRA, FARRELL, US

[71] BALDWIN FILTERS, INC., US

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[13] A1

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[54] **FUEL FILL APPARATUS FOR USE WITH FUEL TANKS**

[54] **APPAREIL DE REMPLISSAGE DE CARBURANT DESTINE A ETRE UTILISE AVEC DES RESERVOIRS DE CARBURANT**

[72] WHELAN, SEAN, US

[72] SLABAUGH, ANTHONY, US

[72] BOSTWICK, CHRISTOPHER, US

[71] BRUNSWICK CORPORATION, US

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[54] **CO-PRODUCTION OF HEAVY AND LIGHT BASE OILS**

[54] **COPRODUCTION D'HUILES DE BASE LOURDE ET LEGERE**

[72] DAAGE, MICHEL, US

[72] CALLA, JASON T., US

[72] DANDEKAR, AJIT B., US

[72] PRENTICE, KRISTA M., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

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[13] A1

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[54] **COMPOSITE WASTE AND WATER TRANSPORT ELEMENTS AND METHODS OF MANUFACTURE FOR USE ON AIRCRAFT**

[54] **ELEMENTS COMPOSITES DE TRANSPORT DE DECHETS ET D'EAUX USEES ET LEURS PROCEDES DE FABRICATION POUR LEUR UTILISATION A BORD D'UN AVION**

[72] HAMMER, JASON, US

[72] MITTUR, MOHAN, US

[71] MAG AEROSPACE INDUSTRIES, LLC, US

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[54] **COMPRESSED AIR ENERGY STORAGE SYSTEM HAVING VARIABLE GENERATION MODES**
[54] **SYSTEME DE STOCKAGE D'ENERGIE PAR AIR COMPRIME MUNI DE MODES DE GENERATION VARIABLES**
[72] NAEVE, STEPHEN WARD, US
[71] APEX COMPRESSED AIR ENERGY STORAGE, LLC, US
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[54] **FASTENER WITH DRILL PILOT AND REVERSED THREADED REGIONS**
[54] **PIECE DE FIXATION COMPRENANT UN PILOTE DE PERCAGE ET DES REGIONS FILETEES INVERSEES**
[72] PARK, JEREMY SCOTT, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[54] **METHOD OF MOORING OF SHIP AND ARRANGEMENT TO ACCOMPLISH THE METHOD**
[54] **PROCEDE D'AMARRAGE DE NAVIRE ET AGENCEMENT POUR METTRE EN ŒUVRE LE PROCEDE**
[72] ROBERTSSON, HARRY, SE
[72] HELLESMARK, SVEIN B., NO
[71] STENA REDERI AB, SE
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[72] MOYES, PETER, GB
[71] XTREME WELL TECHNOLOGY LIMITED, GB
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[72] LAW, MALCOLM, GB
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[25] EN
[54] **RECOVERY OF BASE METALS FROM SULPHIDE ORES AND CONCENTRATES**
[54] **RECUPERATION DE METAUX COMMUNS A PARTIR DE MINERAIS ET CONCENTRES SULFURES**
[72] BERNI, TIAGO VALENTIM, BR
[72] PEREIRA, ANTONIO CLARETI, BR
[72] GUIMARAES, FELIPE HILARIO, BR
[71] VALE S.A., BR
[71] BERNI, TIAGO VALENTIM, BR
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[51] **Int.Cl. B01D 35/147 (2006.01)**
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[54] **ENDCAP BYPASS PLUG, ENDCAP ASSEMBLY AND FILTER ASSEMBLY**
[54] **SOUPAPE DE DERIVATION DE CAPUCHON TERMINAL, ENSEMBLE CAPUCHON TERMINAL ET ENSEMBLE FILTRE**
[72] STAMEY, WILLIE LUTHER, US
[72] ROLL, MARK A., US
[71] WIX FILTRATION CORP LLC, US
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[54] **CYSTATHIONINE-GAMMA-LYASE (CSE) INHIBITORS**

[54] **INHIBITEURS DE LA CYSTATHIONINE- G -LYASE (CSE)**

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[72] CHAPMAN, JUSTIN, US
[72] SYDSERFF, SIMON G., US
[72] RAO, SRINIVAS G., US
[72] STEIN, GREGORY, US
[72] WADE, WARREN, US
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[54] **FLOW RESTRICTOR**

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[72] EGLETON, PHILIP CG, GB
[72] REID, STEPHEN, GB
[72] ELRICK, ANDREW JOHN, GB
[72] PORTA, SANTIAGO GALVEZ, GB
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[54] **DIRECT DEPLOYMENT SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE DE DEPLOIEMENT DIRECT**

[72] TAMMAM, ERIC S., IL
[71] MICROTECH MEDICAL TECHNOLOGIES LTD., IL

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[54] **SONDE URINAIRE A DEMEURE**

[72] O'CALLAGHAN, RYAN JAMES, US
[72] COMAN, GARRETT CURTIS, US
[72] BRANT, WILLIAM O., US
[72] BLICKENSTAFF, NICHOLAS RAY, US
[72] CINDRICH, CHRISTOPHER NOEL, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[71] ADVANCECATH LLC, US

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[30] US (61/741,561) 2012-07-23
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[54] **DOOR HINGE**

[54] **CHARNIERE DE PORTE**

[72] ARMSTRONG, SHANE, GB
[71] BLADES JOINERY LIMITED, GB

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[87] (WO2014/016545)
[30] GB (1213089.4) 2012-07-24

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[13] A1

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[54] **INHIBITORS OF BETA-SECRETASE**

[54] **INHIBITEURS DE BETA-SECRETASE**

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[72] CACATIAN, SALVACION, US
[72] DILLARD, LAWRENCE WAYNE, US
[72] DORNER-CIOSSEK, CORNELIA, DE
[72] FUCHS, KLAUS, DE
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[72] HEINE, NIKLAS, DE
[72] JIA, LANQI, US
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[72] YUAN, JING, US
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[71] VITAE PHARMACEUTICALS, INC., US

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[30] US (61/693,512) 2012-08-27
[30] US (61/788,839) 2013-03-15
[30] US (61/816,458) 2013-04-26

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[54] **RAZOR CARTRIDGE**

[54] **CARTOUCHE DE RASOIR**

[72] OGLESBY, OLIVER DAVID, GB
[72] PASKINS, KEITH EDWARD, CH
[72] PATEL, ASHOK BAKUL, US
[72] YU, WEILI, US
[71] THE GILLETTE COMPANY, US

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[13] A1

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[54] **SYSTEME ET METHODES DECELANT LES INTERFERENCES DANS UN BIOCAPTEUR DE GLUCOSE**
[72] MACFIE, GAVIN, GB
[72] LIU, ZUIFANG, GB
[71] LIFESCAN SCOTLAND LIMITED, GB
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[87] (WO2014/016578)
[30] US (13/556,923) 2012-07-24

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[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE FOR PROVIDING INFORMATION ON AT LEAST ONE MUSCLE IN A PATIENT**
[54] **APPAREIL DESTINE A ETRE UTILISE EN VUE DE FOURNIR DES INFORMATIONS RELATIVES A AU MOINS UN MUSCLE D'UN PATIENT**
[72] CHAPPELL, PAUL HAMMOND, GB
[72] LANE, RODNEY PAUL, GB
[71] UNIVERSITY OF SOUTHAMPTON, GB
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[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **TASK DELEGATION SYSTEM THAT TRANSPARENTLY AND CONSTRUCTIVELY REWARDS TIMELY AND ACCURATE COMPLETION OF TASKS**
[54] **SYSTEME DE DELEGATION DE TACHE RECOMPENSANT DE MANIERE TRANSPARENTE ET CONSTRUCTIVE L'ACCOMPLISSEMENT EXACT ET DANS LES DELAIS DES TACHES**
[72] PENG, NOEL, US
[71] PENG, NOEL, US
[85] 2015-01-22
[86] 2014-03-06 (PCT/US2014/021261)
[87] (WO2014/138420)
[30] US (61/773,583) 2013-03-06
[30] US (14/197,115) 2014-03-04

[21] **2,879,890**
[13] A1

[51] **Int.Cl. F16F 1/18 (2006.01)**
[25] EN
[54] **PROFILED BAR, AND VEHICLE SPRING PRODUCED THEREFROM**
[54] **BARRE PROFILEE ET RESSORT DE SUSPENSION FABRIQUE A PARTIR DE LADITE BARRE PROFILEE**
[72] KUHNELT, GERHARD, AT
[72] ZAMBERGER, JORG, AT
[71] FRAUENTHAL AUTOMOTIVE SALES GMBH, AT
[85] 2015-01-23
[86] 2013-07-25 (PCT/AT2013/000124)
[87] (WO2014/019002)
[30] AT (A 845/2012) 2012-07-30

[21] **2,879,893**
[13] A1

[51] **Int.Cl. A61F 2/42 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **INTRAMEDULLARY ANKLE TECHNIQUE AND SYSTEM**
[54] **TECHNIQUE ET SYSTEME DE CHEVILLE INTRA-MEDULLAIRE**
[72] LUNA, RAMON, US
[72] TALLEY, MATTHEW, US
[72] PETTEYS, CHRISTINE M., US
[72] REYNOLDS, DAVID, US
[72] STEMNISKI, PAUL, US
[72] OBERT, RICHARD, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-01-22
[86] 2014-03-14 (PCT/US2014/027193)
[87] (WO2014/152308)
[30] US (61/783,915) 2013-03-14

[21] **2,879,894**
[13] A1

[51] **Int.Cl. B29C 33/04 (2006.01)**
[25] EN
[54] **MOULD TOOL**
[54] **OUTIL DE MOULAGE**
[72] HALFORD, BEN, GB
[71] SURFACE GENERATION LIMITED, GB
[85] 2015-01-22
[86] 2013-08-05 (PCT/GB2013/052081)
[87] (WO2014/023942)
[30] GB (1214336.8) 2012-08-10

[21] **2,879,895**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **SEALING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'ETANCHEITE**
[72] ATKINS, NICHOLAS, GB
[72] HARE, DAVID, GB
[72] AVANASHIAPPAN, VIJAYAMIRTHARAJ, GB
[71] RUBBERATKINS LIMITED, GB
[85] 2015-01-23
[86] 2013-07-26 (PCT/GB2013/052011)
[87] (WO2014/016614)
[30] GB (1213270.0) 2012-07-26

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[21] **2,879,896**
[13] A1

[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/0482 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DIAGNOSING AND ASSESSING CENTRAL PAIN**
[54] **PROCEDE ET APPAREIL POUR LE DIAGNOSTIC ET L'EVALUATION D'UNE DOULEUR CENTRALE**
[72] HARGROVE, JEFFREY B., US
[71] CEREPHEX CORPORATION, US
[85] 2015-01-22
[86] 2013-07-24 (PCT/US2013/051867)
[87] (WO2014/018661)
[30] US (61/675,190) 2012-07-24

[21] **2,879,897**
[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01) H04W 88/02 (2009.01) G01N 21/55 (2014.01)**
[25] EN
[54] **IMMUNOASSAY RAPID DIAGNOSTIC TEST UNIVERSAL ANALYSIS DEVICE, SYSTEM, METHOD AND COMPUTER READABLE MEDIUM**
[54] **DISPOSITIF, SYSTEME, PROCEDE ET SUPPORT APTE A ETRE LU PAR ORDINATEUR POUR ANALYSE UNIVERSELLE D'ESSAI DE DIAGNOSTIC RAPIDE D'IMMUNODOSAGE**
[72] XIANG, QING, CA
[72] LEE, JEONGJIN, CA
[71] FIO CORPORATION, CA
[85] 2015-01-23
[86] 2013-07-24 (PCT/CA2013/000670)
[87] (WO2014/015420)
[30] US (61/675,049) 2012-07-24

[21] **2,879,898**
[13] A1

[51] **Int.Cl. B62H 1/12 (2006.01)**
[25] EN
[54] **VARIABLE-ATTITUDE SYSTEM APPLICABLE TO CHILDREN'S STABILISER WHEELS FOR BICYCLES AND MINI-MOTORCYCLES**
[54] **SYSTEME A ATTITUDE VARIABLE POUVANT ETRE APPLIQUE A DES ROULETTES DE STABILISATION POUR DES VELOS OU MINI-MOTOS D'ENFANTS**
[72] DI VITTO, ANDREA, IT
[71] MONTECARLO LOOK S.R.L., IT
[85] 2015-01-05
[86] 2013-07-12 (PCT/IB2013/055753)
[87] (WO2014/009925)
[30] IT (BS2012A000108) 2012-07-12
[30] IT (BS2013A000103) 2013-07-11

[21] **2,879,899**
[13] A1

[51] **Int.Cl. H04N 21/44 (2011.01) H04N 21/458 (2011.01) H04N 21/472 (2011.01) H04L 29/06 (2006.01)**
[25] EN
[54] **STORAGE OPTIMIZATIONS FOR MULTI-FILE ADAPTIVE BITRATE ASSETS**
[54] **OPTIMISATIONS DE STOCKAGE POUR BIENS A DEBIT BINAIRE ADAPTATIF A FICHIERS MULTIPLES**
[72] SARTO, EIVIND, US
[71] ESPIAL GROUP INC., CA
[85] 2015-01-23
[86] 2013-07-19 (PCT/CA2013/050564)
[87] (WO2014/015429)
[30] US (13/555,455) 2012-07-23

[21] **2,879,900**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **SEAL ELEMENT**
[54] **ELEMENT D'ETANCHEITE**
[72] ATKINS, NICHOLAS, GB
[72] HARE, DAVID, GB
[72] AVANASHIAPPAN, VIJAYAMIRTHARAJ, GB
[71] RUBBERATKINS LIMITED, GB
[85] 2015-01-23
[86] 2013-07-26 (PCT/GB2013/052012)
[87] (WO2014/016615)
[30] GB (1213272.6) 2012-07-26

[21] **2,879,901**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECEIVING A CONTROL CHANNEL**
[54] **PROCEDE ET APPAREIL DE RECEPTION D'UN CANAL DE COMMANDE**
[72] NORRY, RAVIKIRAN, US
[72] KUCHIBHOTLA, RAVI, US
[72] LOVE, ROBERT T., US
[72] NANGIA, VIJAY, US
[72] NARASIMHA, MURALI, US
[72] NIMBALKER, AJIT, US
[71] MOTOROLA MOBILITY LLC, US
[85] 2015-01-22
[86] 2013-07-25 (PCT/US2013/051923)
[87] (WO2014/022179)
[30] US (13/566,381) 2012-08-03

[21] **2,879,902**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL**
[72] ZHANG, LI, CN
[72] YAO, CHUNHAI, CN
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI
[85] 2015-01-23
[86] 2012-08-03 (PCT/CN2012/079688)
[87] (WO2014/019239)

[21] **2,879,903**
[13] A1

[51] **Int.Cl. A61F 2/90 (2013.01) A61M 25/10 (2013.01)**
[25] EN
[54] **BALLOON CATHETER HAVING MULTIPLE INFLATION LUMENS AND RELATED METHODS**
[54] **CATHETER A BALLONNET AYANT DE MULTIPLES LUMIERES DE GONFLAGE ET PROCEDES ASSOCIES**
[72] CHANDUSZKO, ANDRZEJ J., US
[72] LUBEK, SIMON A., US
[71] C.R. BARD, INC., US
[85] 2015-01-22
[86] 2013-10-01 (PCT/US2013/062861)
[87] (WO2014/055514)
[30] US (61/708,445) 2012-10-01
[30] US (61/747,452) 2012-12-31

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[21] **2,879,904**
[13] A1

[51] **Int.Cl. E04C 5/06 (2006.01) E04C 3/294 (2006.01) E04C 5/065 (2006.01)**

[25] EN

[54] **POINT-SUPPORTED ELEMENT OR FLAT CONCRETE CEILING**

[54] **DALLE EN BETON PLATE OU A ELEMENTS SOUTENUE PAR POINTS**

[72] BAUMEISTER, ULRICH, DE

[72] FURCHE, JOHANNES, DE

[71] FILIGRAN TRAGERSYSTEME GMBH & CO. KG, DE

[85] 2015-01-23

[86] 2013-06-18 (PCT/EP2013/062555)

[87] (WO2014/026781)

[30] EP (12005851.6) 2012-08-13

[21] **2,879,905**
[13] A1

[51] **Int.Cl. E21B 17/03 (2006.01) E21B 21/01 (2006.01) E21B 21/08 (2006.01)**

[25] EN

[54] **ECCENTRIC ADJUSTMENT COUPLING FOR MUD MOTORS**

[54] **ACCOUPLLEMENT A AJUSTEMENT EXCENTRIQUE POUR MOTEURS A BOUE**

[72] MURRAY, WILLIAM, US

[72] COLLETTE, SAMUEL, US

[71] SMITH INTERNATIONAL, INC., US

[85] 2015-01-05

[86] 2013-05-17 (PCT/US2013/041696)

[87] (WO2013/173785)

[30] US (61/648,867) 2012-05-18

[21] **2,879,906**
[13] A1

[51] **Int.Cl. A61K 36/28 (2006.01) A61K 36/258 (2006.01) A61K 36/9068 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR TREATMENT OF CANCER-RELATED FATIGUE**

[54] **COMPOSITIONS POUR LE TRAITEMENT D'UNE FATIGUE LIEE AU CANCER**

[72] BOMBARDELLI, EZIO, IT

[72] CORTI, FABRIZIO, IT

[71] INDENA S.P.A., IT

[85] 2015-01-23

[86] 2013-07-11 (PCT/EP2013/064711)

[87] (WO2014/016137)

[30] IT (MI2012A001317) 2012-07-27

[21] **2,879,907**
[13] A1

[51] **Int.Cl. B62D 53/08 (2006.01) B60D 1/58 (2006.01)**

[25] EN

[54] **FIFTH WHEEL TRAILER SAFETY DEVICE**

[54] **DISPOSITIF DE SECURITE D'UNE REMORQUE A SELLETTE D'ATTELAGE**

[72] SHIRK, PAUL W., JR., US

[71] INTEGRITY INNOVATIONS GROUP, LLC., US

[71] SHIRK, PAUL W., JR., US

[85] 2014-08-06

[86] 2012-06-12 (PCT/US2012/042036)

[87] (WO2013/115839)

[30] US (61/592,331) 2012-01-30

[21] **2,879,908**
[13] A1

[51] **Int.Cl. C07D 313/00 (2006.01) A61K 31/365 (2006.01) A61P 35/00 (2006.01) C07C 33/02 (2006.01) C07C 33/042 (2006.01) C07C 33/14 (2006.01) C07C 47/24 (2006.01) C07C 57/52 (2006.01) C07C 69/54 (2006.01) C07C 69/587 (2006.01) C07C 227/16 (2006.01) C07C 229/30 (2006.01) C07D 225/06 (2006.01) C07D 307/88 (2006.01) C07F 5/02 (2006.01) C07F 7/08 (2006.01) C07F 7/18 (2006.01) C07F 7/22 (2006.01)**

[25] EN

[54] **THERAPEUTIC COMPOUNDS**

[54] **COMPOSES THERAPEUTIQUES**

[72] JIN, ZHENDONG, US

[72] CHEN, LEI, US

[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US

[85] 2015-01-22

[86] 2013-07-25 (PCT/US2013/052081)

[87] (WO2014/018765)

[30] US (61/675,665) 2012-07-25

[30] US (61/720,785) 2012-10-31

[21] **2,879,909**
[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/592 (2006.01) E21B 36/00 (2006.01) E21B 43/24 (2006.01)**

[25] EN

[54] **UTILIZATION OF MICROWAVE TECHNOLOGY IN ENHANCED OIL RECOVERY PROCESS FOR DEEP SHALLOW APPLICATIONS**

[54] **UTILISATION D'UNE TECHNOLOGIE MICRO-ONDES DANS DES PROCEDES PERFECTIONNES DE RECUPERATION DE PETROLE POUR DES APPLICATIONS PROFONDE-PEU PROFONDE**

[72] AL-BURAIK, KHALED ABDULLAH, SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2015-01-07

[86] 2013-07-25 (PCT/US2013/051920)

[87] (WO2014/018696)

[30] US (61/675,422) 2012-07-25

[21] **2,879,910**
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01)**

[25] EN

[54] **TERMINAL IDENTITY VERIFICATION AND SERVICE AUTHENTICATION METHOD, SYSTEM AND TERMINAL**

[54] **PROCEDE DE CONFIRMATION DE L'IDENTITE D'UN TERMINAL ET D'AUTHENTIFICATION D'UN SERVICE, SYSTEME ET TERMINAL**

[72] JIANG, XIAO, CN

[71] ZTE CORPORATION, CN

[85] 2015-01-23

[86] 2013-07-17 (PCT/CN2013/079552)

[87] (WO2014/015759)

[30] CN (201210257464.1) 2012-07-24

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[21] **2,879,911**
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 37/50 (2006.01) A01N 43/36 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) A01N 43/653 (2006.01) A01N 45/02 (2006.01) A01N 47/24 (2006.01) A01P 3/00 (2006.01)**

[25] EN
[54] **FUNGICIDAL COMPOSITIONS**
[54] **COMPOSITIONS FONGICIDES**
[72] SWART, GINA MERCIA, CH
[72] HAAS, ULRICH JOHANNES, CH
[72] OOSTENDORP, MICHAEL, CH
[72] WOLF, HANNO CHRISTIAN, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2015-01-23
[86] 2013-07-23 (PCT/EP2013/065480)
[87] (WO2014/016279)
[30] EP (12177995.3) 2012-07-26

[21] **2,879,912**
[13] A1

[51] **Int.Cl. G21F 9/00 (2006.01) C23G 1/00 (2006.01) F28G 9/00 (2006.01)**

[25] EN
[54] **METHODS OF REUSING A CLEANING SOLUTION**
[54] **PROCEDES DE REUTILISATION D'UNE SOLUTION DE NETTOYAGE**
[72] VARRIN, ROBERT D., US
[72] LITTLE, MICHAEL J., US
[71] DOMINION ENGINEERING, INC., US
[85] 2015-01-22
[86] 2013-07-25 (PCT/US2013/052117)
[87] (WO2014/018787)
[30] US (61/676,168) 2012-07-26
[30] US (61/676,481) 2012-07-27

[21] **2,879,913**
[13] A1

[51] **Int.Cl. A61B 8/00 (2006.01) A61B 5/103 (2006.01)**

[25] EN
[54] **THREE-DIMENSIONAL ULTRASONIC IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE ULTRASONORE TRIDIMENSIONNELLE**
[72] ZHENG, YONGPIN, CN
[72] CHEUNG, CHUNG WAI JAMES, CN
[72] MAK, TAK MAN, CN
[72] LEE, CHEONG LIM, CN
[71] TELEFIELD MEDICAL IMAGING LIMITED, CN
[85] 2015-01-23
[86] 2013-07-15 (PCT/CN2013/079385)
[87] (WO2014/015747)
[30] US (61/674,400) 2012-07-23
[30] CN (201310113679.0) 2013-04-02

[21] **2,879,914**
[13] A1

[51] **Int.Cl. G21D 1/00 (2006.01) G01T 1/167 (2006.01) G01V 5/02 (2006.01) G21F 9/28 (2006.01)**

[25] FR
[54] **METHOD AND SYSTEM FOR INSPECTING A NUCLEAR FACILITY**
[54] **PROCEDE ET SYSTEME POUR INSPECTER UNE INSTALLATION NUCLEAIRE**
[72] BINDEL, LAURENT, FR
[71] SOLETANCHE FREYSSINET, FR
[85] 2015-01-23
[86] 2013-07-26 (PCT/FR2013/051817)
[87] (WO2014/020269)
[30] FR (12 57505) 2012-08-01

[21] **2,879,915**
[13] A1

[51] **Int.Cl. A61K 39/155 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **RECOMBINANT MODIFIED VACCINIA VIRUS ANKARA (MVA) RESPIRATORY SYNCYTIAL VIRUS (RSV) VACCINE**
[54] **VACCIN CONTRE LE VIRUS RESPIRATOIRE SYNCYTIAL (VRS) A BASE DE VIRUS DE LA VACCINE ANKARA MODIFIE (MVA) RECOMBINANT**
[72] CHEMINAY, CEDRIC, DE
[72] STEIGERWALD, ROBIN, DE
[72] CHAPLIN, PAUL, DE
[71] BAVARIAN NORDIC A/S, DK
[85] 2015-01-23
[86] 2013-03-15 (PCT/EP2013/055483)
[87] (WO2014/019718)
[30] US (61/678,367) 2012-08-01
[30] EP (12005594.2) 2012-08-01

[21] **2,879,916**
[13] A1

[51] **Int.Cl. A61B 6/00 (2006.01) A61B 19/00 (2006.01)**

[25] EN
[54] **RADIOGRAPHIC IMAGING DEVICE**
[54] **DISPOSITIF D'IMAGERIE RADIOGRAPHIQUE**
[72] KANG, HYOSIG, US
[72] LIGHTCAP, CHRIS, US
[72] BERMAN, DAVID, US
[71] MAKO SURGICAL CORPORATION, US
[71] MAKO SURGICAL CORP., US
[85] 2015-01-22
[86] 2013-07-26 (PCT/US2013/052239)
[87] (WO2014/022217)
[30] US (13/562,163) 2012-07-30

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[21] **2,879,917**
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AGGREGATING MESSAGES BASED ON A POINT OF INTEREST AND STORAGE MEDIUM**

[54] **PROCEDE ET SYSTEME D'AGREGATION DE MESSAGES SUR LA BASE D'UN POINT D'INTERET, ET SUPPORT DE STOCKAGE**

[72] LV, YUANFANG, CN
[72] CAO, SHENG, CN
[72] WU, WEI, CN
[72] LIU, WEI, CN
[72] WANG, ZIMING, CN
[72] ZHANG, JUN, CN
[72] WANG, QIONG, CN
[72] FAN, HUAHENG, CN
[72] LIN, MENGQUANG, CN
[72] FAN, YUXIANG, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-23
[86] 2013-07-25 (PCT/CN2013/080111)
[87] (WO2014/015814)
[30] CN (201210259577.5) 2012-07-25

[21] **2,879,919**
[13] A1

[51] **Int.Cl. G21C 13/028 (2006.01) B23P 6/04 (2006.01) B62D 57/024 (2006.01) C09J 7/02 (2006.01) C09K 3/10 (2006.01) E04G 23/02 (2006.01) G21C 17/013 (2006.01) G21C 19/20 (2006.01)**

[25] FR
[54] **SEALING OF A CRACK IN A POOL OF A NUCLEAR FACILITY, USING A ROBOT**

[54] **COLMATAGE DE FISSURE DANS UNE PISCINE D'INSTALLATION NUCLEAIRE, UTILISANT UN ROBOT**

[72] KUNTZ, MARC, FR
[72] LAMONTAGNE, MATHIEU, CA
[71] ELECTRICITE DE FRANCE, FR
[85] 2015-01-23
[86] 2013-07-30 (PCT/FR2013/051841)
[87] (WO2014/020280)
[30] FR (12 57424) 2012-07-31

[21] **2,879,920**
[13] A1

[51] **Int.Cl. F16B 37/14 (2006.01) B29C 45/00 (2006.01) B29C 45/14 (2006.01) F16B 33/00 (2006.01) F16B 37/00 (2006.01)**

[25] EN
[54] **ARTICLE MOUNTED TO A SUPPORT STRUCTURE**

[54] **ARTICLE MONTE SUR UNE STRUCTURE DE SUPPORT**

[72] FLECK, RANDY E., US
[72] MCMASTER, WILLIAM J., US
[72] SERNA, STEPHEN P., US
[72] CAUGHEY, EDWARD C., US
[71] BASF SE, DE
[85] 2015-01-22
[86] 2013-07-26 (PCT/US2013/052243)
[87] (WO2014/018848)
[30] US (61/675,985) 2012-07-26

[21] **2,879,921**
[13] A1

[51] **Int.Cl. C09K 8/08 (2006.01) B01F 17/00 (2006.01) C10M 173/00 (2006.01)**

[25] FR
[54] **METHOD FOR DRILLING UNDERGROUND CAVITIES, COMPOSITIONS COMPRISING ALKYL POLYGLYCOSIDES, AND USE THEREOF AS A LUBRICANT IN THE PRODUCTION OF AQUEOUS DRILLING MUDS**

[54] **PROCEDE DE FORAGE DE CAVITES SOUTERRAINES, COMPOSITIONS A BASE D'ALKYLPOLYGLYCOSIDES ET LEUR UTILISATION COMME AGENT LUBRIFIANT DANS LA PREPARATION DE FLUIDES DE FORAGE AQUEUX**

[72] GAYRAL CHIRAC, MARIE-FRANCOISE, FR
[71] SOCIETE D'EXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES SEPPIC, FR
[85] 2015-01-22
[86] 2013-08-09 (PCT/FR2013/051919)
[87] (WO2014/041268)
[30] FR (1258648) 2012-09-14

[21] **2,879,922**
[13] A1

[51] **Int.Cl. C08G 18/02 (2006.01) C08G 18/79 (2006.01) C08G 18/80 (2006.01) C09J 175/04 (2006.01)**

[25] EN
[54] **ADHESIVE FORMULATIONS**

[54] **FORMULATIONS D'ADHESIF**

[72] GRESZTA-FRANZ, DOROTA, DE
[72] VEGA SANCHEZ, BERTA, DE
[72] BAUMBACH, BEATE, DE
[72] LAAS, HANS-JOSEF, DE
[72] MATNER, MATHIAS, DE
[71] BAYER MATERIALSCIENCE AG, DE
[85] 2015-01-23
[86] 2013-07-24 (PCT/EP2013/065571)
[87] (WO2014/016325)
[30] EP (12178178.5) 2012-07-27

[21] **2,879,924**
[13] A1

[51] **Int.Cl. B64D 29/00 (2006.01) F02K 1/68 (2006.01)**

[25] FR
[54] **STRUCTURAL PART MADE OF A COMPOSITE MATERIAL, SUCH AS A RAIL FOR A SLIDABLE COWL OF A THRUST REVERSER OF AN AIRCRAFT ENGINE NACELLE**

[54] **PIECE STRUCTURALE EN MATERIAU COMPOSITE TELLE QU'UN RAIL POUR CAPOT COULISSANT D'INVERSEUR DE POUSSEE DE NACELLE DE MOTEUR D'AERONEF**

[72] LE BOULICAUT, LOIC, FR
[71] AIRCELLE, FR
[85] 2015-01-23
[86] 2013-08-02 (PCT/FR2013/051873)
[87] (WO2014/023901)
[30] FR (12/57727) 2012-08-09

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[21] **2,879,925**
[13] A1

[51] **Int.Cl. C08K 3/04 (2006.01) C08K 7/00 (2006.01) C08L 7/00 (2006.01) C08L 7/02 (2006.01)**

[25] EN

[54] **IMPROVED NATURAL RUBBER COMPOSITIONS**

[54] **COMPOSITIONS AMELIOREES DE CAOUTCHOUC NATUREL**

[72] ISMAIL, SURINA, MY

[72] SAMSURI, AZEMI BIN, MY

[71] AMRIL AG, CH

[85] 2015-01-22

[86] 2012-10-29 (PCT/IB2012/002563)

[87] (WO2014/020374)

[30] MY (PCT/MY2012/000221) 2012-08-02

[21] **2,879,926**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/00 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR DETERMINING RESISTANCE TO ANDROGEN RECEPTOR THERAPY**

[54] **METHODES ET COMPOSITIONS POUR DETERMINER LA RESISTANCE A UNE THERAPIE DU RECEPTEUR DES ANDROGENES**

[72] JOSEPH, JAMES DAVID, US

[72] HAGER, JEFFREY H., US

[72] SENSINTAFFAR, JOHN LEE, US

[72] LU, NHIN, US

[72] QIAN, JING, US

[72] SMITH, NICHOLAS D., US

[71] ARAGON PHARMACEUTICALS, INC., US

[85] 2015-01-22

[86] 2013-07-26 (PCT/US2013/052395)

[87] (WO2014/018926)

[30] US (61/676,842) 2012-07-27

[30] US (61/783,763) 2013-03-14

[30] US (61/829,123) 2013-05-30

[21] **2,879,927**
[13] A1

[51] **Int.Cl. B32B 5/18 (2006.01) B29C 35/08 (2006.01) B29C 44/56 (2006.01) B29C 51/10 (2006.01) C08J 9/36 (2006.01)**

[25] EN

[54] **NOVEL SHAPING PROCESS FOR PMI FOAM MATERIALS AND/OR COMPOSITE COMPONENTS PRODUCED THEREFROM**

[54] **NOUVEAU PROCEDE DE FORMAGE DE MATERIAUX EXPANSES A BASE DE PMI OU PIECES COMPOSITES FABRIQUEES A PARTIR DE CES MATERIAUX**

[72] PINTO, JORGE, DE

[72] ROTH, MATTHIAS ALEXANDER, US

[72] SUNDERMANN, JORN DANIEL, DE

[72] KRAATZ, ARNIM, DE

[72] SCHLAGER, DIETER, DE

[71] EVONIK INDUSTRIES AG, DE

[85] 2015-01-23

[86] 2013-06-24 (PCT/EP2013/063137)

[87] (WO2014/016068)

[30] US (61/675,011) 2012-07-24

[21] **2,879,929**
[13] A1

[51] **Int.Cl. E21B 33/126 (2006.01)**

[25] EN

[54] **SEALING APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE D'ETANCHEITE**

[72] ATKINS, NICHOLAS, GB

[72] HARE, DAVID, GB

[72] ALLEN, MIKE, GB

[72] DUNCAN, ANDREW, GB

[71] RUBBERATKINS LIMITED, GB

[85] 2015-01-23

[86] 2013-07-26 (PCT/GB2013/052014)

[87] (WO2014/016617)

[30] GB (1213278.3) 2012-07-26

[21] **2,879,930**
[13] A1

[51] **Int.Cl. C08G 18/30 (2006.01) C08G 18/32 (2006.01) C08G 18/48 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01)**

[25] EN

[54] **A COMPOSITION**

[54] **COMPOSITION**

[72] DRIES, GEERT LODEWIJK, BE

[72] GRIGSBY, ROBERT ALLISON, JR., US

[72] RISTER, ERNEST LEE, JR., US

[72] WILTZ, EUGENE P., JR., US

[71] HUNTSMAN PETROCHEMICAL LLC, US

[85] 2015-01-23

[86] 2013-07-10 (PCT/EP2013/064519)

[87] (WO2014/026802)

[30] US (61/683,957) 2012-08-16

[30] EP (12181977.5) 2012-08-28

[21] **2,879,931**
[13] A1

[51] **Int.Cl. A21D 2/00 (2006.01)**

[25] EN

[54] **COCHLEATES MADE WITH SOY PHOSPHATIDYLSERINE**

[54] **COCHLEATES ELABORES AVEC DE LA PHOSPHATIDYLSERINE DE SOJA**

[72] MANNINO, RAPHAEL J., US

[72] LU, RUYING, US

[71] COORDINATED PROGRAM DEVELOPMENT, LLC, US

[71] RUTGERS UNIVERSITY, US

[85] 2015-01-22

[86] 2013-07-30 (PCT/US2013/052756)

[87] (WO2014/022414)

[30] US (61/677,414) 2012-07-30

[30] US (61/835,825) 2013-06-17

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[21] **2,879,933**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/11 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE APPLICATION OF A CURABLE FLUID COMPOSITION TO A BODILY ORGAN**
[54] **DISPOSITIF ET PROCEDE POUR L'APPLICATION D'UNE COMPOSITION DE FLUIDE DURCISSABLE SUR UN ORGANE CORPOREL**
[72] ILAN, EREZ, IL
[72] GURMAN, YOTAM, IL
[72] MERON, MOTI, IL
[71] OMRIX BIOPHARMACEUTICALS LTD., IL
[85] 2015-01-22
[86] 2013-07-21 (PCT/IL2013/000060)
[87] (WO2014/016819)
[30] US (61/675,206) 2012-07-24

[21] **2,879,934**
[13] A1

[51] **Int.Cl. B08B 3/04 (2006.01) B60S 3/04 (2006.01)**
[25] EN
[54] **ENGINE WASH APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE LAVAGE DE REACTEUR**
[72] DORSHIMER, KURT, US
[72] RICE, ROBERT M., US
[72] NORDLUND, SEBASTIAN, SE
[72] ZADRICK, WAYNE, US
[71] ECOSERVICES, LLC, US
[85] 2015-01-22
[86] 2013-07-31 (PCT/US2013/052941)
[87] (WO2014/022517)
[30] US (13/562,883) 2012-07-31

[21] **2,879,935**
[13] A1

[51] **Int.Cl. C09D 195/00 (2006.01)**
[25] EN
[54] **SYNTHETIC MODIFIER FOR HOT ASPHALTIC MIXES FOR ROAD PAVING AND METHOD OF MAKING SAME**
[54] **MODIFICATEUR SYNTHETIQUE POUR MELANGES ASPHALTIQUES CHAUDS POUR REVETEMENT ROUTIER ET SON PROCEDE DE FABRICATION**
[72] NICHOLAS, DOLLY, TT
[71] JS3D TECHNOLOGY COMPANY LIMITED, LC
[85] 2015-01-23
[86] 2013-06-13 (PCT/IB2013/001245)
[87] (WO2014/016656)
[30] US (13/558,558) 2012-07-26

[21] **2,879,936**
[13] A1

[51] **Int.Cl. B60B 9/12 (2006.01)**
[25] EN
[54] **ELASTIC WHEEL FOR RAILWAY VEHICLES**
[54] **ROUE ELASTIQUE POUR VEHICULES FERROVIAIRES**
[72] LANDABEREA RODRIGUEZ, JOSE AITOR, ES
[72] IARTZA ZUBIRIA, JON, ES
[72] IRIZAR IZAGUIRRE, IKER, ES
[72] IZTUETA ARAKAMA, HARITZ, ES
[71] CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A., ES
[85] 2015-01-23
[86] 2013-07-16 (PCT/ES2013/070513)
[87] (WO2014/020203)
[30] ES (P201231225) 2012-07-30

[21] **2,879,938**
[13] A1

[51] **Int.Cl. C08B 37/14 (2006.01) B05D 7/00 (2006.01) C08B 15/00 (2006.01) C08L 1/02 (2006.01) C09D 5/02 (2006.01) C09D 7/12 (2006.01) C09D 133/06 (2006.01) C09D 157/00 (2006.01) C09D 167/06 (2006.01) C09D 201/00 (2006.01) C11D 3/22 (2006.01) D21C 5/00 (2006.01) D21C 9/00 (2006.01) D21H 11/12 (2006.01)**
[25] EN
[54] **ANTI-CRACKING AGENT FOR WATER-BORNE ACRYLIC PAINT AND COATING COMPOSITIONS**
[54] **AGENT ANTI-CRAQUELURE POUR COMPOSITIONS DE PEINTURE ET DE REVETEMENT ACRYLIQUE A BASE D'EAU**
[72] VAN ENGELEN, GERARDUS PETRUS FRANCISCUS MARIA, NL
[72] VAN INGEN, GIJSBERT ADRIAAN, NL
[72] MEEUWISSEN, CORNE, NL
[71] KONINKLIJKE COOPERATIE COSUN U.A., NL
[85] 2015-01-22
[86] 2013-07-26 (PCT/NL2013/050559)
[87] (WO2014/017912)
[30] EP (12178190.0) 2012-07-27
[30] EP (13159522.5) 2013-03-15

[21] **2,879,939**
[13] A1

[51] **Int.Cl. A61K 39/155 (2006.01) A61K 39/02 (2006.01) A61K 39/10 (2006.01)**
[25] EN
[54] **METHOD FOR ELICITING IN INFANTS AN IMMUNE RESPONSE AGAINST RSV AND B. PERTUSSIS**
[54] **PROCEDE POUR ELICITER UNE REPOSE IMMUNITAIRE CONTRE LE VRS ET B. PERTUSSIS CHEZ LES NOURRISONS**
[72] TEMMERMAN, STEPHANE T., BE
[72] TOUSSAIN, JEAN-FRANCOIS, BE
[72] STEFF, ANN-MURIEL, CA
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2015-01-23
[86] 2013-08-05 (PCT/IB2013/001722)
[87] (WO2014/024026)
[30] US (61/679,928) 2012-08-06
[30] US (13/835,829) 2013-03-15

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[21] **2,879,940**
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/08 (2006.01) A61N 1/05 (2006.01) A61N 1/378 (2006.01)**

[25] EN

[54] **ELECTRICAL CONTACTS ON A MEDICAL DEVICE PATCH**

[54] **CONTACTS ELECTRIQUES SUR UN PATCH DE DISPOSITIF MEDICAL**

[72] MASHIACH, ADI, IL
[72] RUYTJENS, TIM, BE
[71] MASHIACH, ADI, IL
[71] RUYTJENS, TIM, BE
[85] 2015-01-23
[86] 2013-07-26 (PCT/IB2013/002104)
[87] (WO2014/016693)
[30] US (61/676,327) 2012-07-26

[21] **2,879,941**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **IMPROVED CLINICAL EFFECT OF PHARMACEUTICAL PRODUCTS USING COMMUNICATION TOOL INTEGRATED WITH COMPOUND OF SEVERAL PHARMACEUTICAL PRODUCTS**

[54] **EFFET CLINIQUE AMELIORE DE PRODUITS PHARMACEUTIQUES OBTENU A L'AIDE D'UN OUTIL DE COMMUNICATION ASSOCIE A UN COMPOSE CONSTITUE DE PLUSIEURS PRODUITS PHARMACEUTIQUES**

[72] CEDERLUND, JOHAN, SE
[71] SCIENTIFICMED SWEDEN AB, SE
[85] 2015-01-22
[86] 2013-07-12 (PCT/SE2013/050896)
[87] (WO2014/017971)
[30] SE (1250893-3) 2012-07-24

[21] **2,879,942**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/485 (2006.01) A61K 47/34 (2006.01)**

[25] EN

[54] **OPIOID FORMULATIONS FORMULATIONS D'OPIOIDES**

[72] TIBERG, FREDRIK, SE
[72] HARWIGSSON, IAN, SE
[72] JOHNSON, MARKUS, SE
[71] CAMURUS AB, SE
[85] 2015-01-23
[86] 2013-07-26 (PCT/EP2013/065855)
[87] (WO2014/016428)
[30] US (13/558,463) 2012-07-26
[30] US (61/806,185) 2013-03-28

[21] **2,879,943**
[13] A1

[51] **Int.Cl. C07K 7/06 (2006.01)**

[25] EN

[54] **PEPTIDE-BASED COMPOUNDS AND USES THEREOF TO TREAT .BETA.-AMYLOID ACCUMULATION**

[54] **COMPOSES A BASE DE PEPTIDE ET LEURS UTILISATIONS POUR LE TRAITEMENT DE L'ACCUMULATION DE BETA-AMYLOIDE**

[72] DEIGIN, VLADISLAV, CA
[72] VOLPINA, OLGA, RU
[72] BOBKOVA, NATALIA, RU
[71] PHARMA BIO LLC, RU
[85] 2015-01-23
[86] 2013-07-24 (PCT/IB2013/056082)
[87] (WO2014/016787)
[30] US (61/675,205) 2012-07-24

[21] **2,879,944**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID**

[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-URO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIQUE**

[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051312)
[87] (WO2014/018402)
[30] US (61/675,063) 2012-07-24
[30] US (13/833,372) 2013-03-15

[21] **2,879,945**
[13] A1

[51] **Int.Cl. F27B 1/00 (2006.01) F27D 99/00 (2010.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR IMPROVING SPATIAL EFFICIENCY OF A FURNACE SYSTEM**

[54] **PROCEDE ET SYSTEME POUR AMELIORER LE RENDEMENT SPATIAL D'UN SYSTEME DE FOUR**

[72] MYSZKA, RONALD T., US
[72] YOUNG, BRUCE T., US
[71] FOSTER WHEELER USA CORPORATION, US
[85] 2015-01-22
[86] 2013-03-07 (PCT/US2013/029665)
[87] (WO2014/025390)
[30] US (61/680,363) 2012-08-07

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[21] **2,879,946**
[13] A1

[51] **Int.Cl. F16L 1/028 (2006.01)**
[25] EN
[54] **PIPE RETRIEVER**
[54] **DISPOSITIF DE RECUPERATION DE TUYAU**
[72] HEIEIE, JOHN M., US
[71] SOUTHEAST DIRECTIONAL DRILLING, LLC, US
[85] 2015-01-22
[86] 2013-04-29 (PCT/US2013/038645)
[87] (WO2014/035489)
[30] US (13/595,279) 2012-08-27

[21] **2,879,947**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND A PROTOPORPHYRINOGEN OXIDASE INHIBITOR**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO -3-CHLORO -5-FLUORO -6- (4-CHLORO -2-FLUORO -3-METHOXYPHENYL) PYRIDINE -2-CARBOXYLIQUE**
[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[72] SCHMITZER, PAUL R., US
[72] SATCHIVI, NORBERT M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051299)
[87] (WO2014/018395)
[30] US (61/675,067) 2012-07-24
[30] US (13/840,346) 2013-03-15

[21] **2,879,948**
[13] A1

[51] **Int.Cl. A23L 1/305 (2006.01) A61K 38/22 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **NOVEL PROTEIN MATERIAL**
[54] **NOUVELLE SUBSTANCE PROTEIQUE**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069392)
[87] (WO2014/020676)

[21] **2,879,949**
[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **FLIGHT DECK TOUCH-SENSITIVE HARDWARE CONTROLS**
[54] **COMMANDES MATERIELLES TACTILES DE POSTE DE PILOTAGE**
[72] NIKOLIC, MARK IVAN, US
[72] MINARSCH, STEPHEN, US
[71] THE BOEING COMPANY, US
[85] 2015-01-22
[86] 2013-05-08 (PCT/US2013/040188)
[87] (WO2014/039117)
[30] US (13/606,082) 2012-09-07

[21] **2,879,950**
[13] A1

[51] **Int.Cl. B64F 5/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **ENGINE WASH APPARATUS AND METHOD - MANIFOLD**
[54] **APPAREIL ET PROCEDE DE LAVAGE DE REACTEUR - COLLECTEUR**
[72] DORSHIMER, KURT, US
[72] RICE, ROBERT M., US
[72] NORDLUND, SEBASTIAN, SE
[72] ZADRICK, WAYNE, US
[71] ECOSERVICES, LLC, US
[85] 2015-01-22
[86] 2013-07-31 (PCT/US2013/052945)
[87] (WO2014/022519)
[30] US (13/562,908) 2012-07-31

[21] **2,879,951**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSTIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND MICROTUBULE INHIBITING HERBICIDES**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIQUE OU UN DERIVE DE CELUI-CI ET HERBICIDES INHIBITEURS DE MICROTUBULES**
[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[72] SATCHIVI, NORBERT M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051305)
[87] (WO2014/018398)
[30] US (61/675,100) 2012-07-24
[30] US (13/840,303) 2013-03-15

[21] **2,879,952**
[13] A1

[51] **Int.Cl. A23C 9/13 (2006.01)**
[25] EN
[54] **NOVEL FERMENTED MILK PRODUCT AND METHOD FOR PRODUCING THE SAME**
[54] **PRODUIT A BASE DE LAIT FERMENTE ET SON PROCEDE DE PRODUCTION**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069395)
[87] (WO2014/020679)

PCT Applications Entering the National Phase

[21] **2,879,953**
[13] A1

[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/62 (2006.01)**
[25] EN
[54] **MICRO PROPPANTS FOR FAR FIELD STIMULATION**
[54] **MICROAGENTS DE SOUTENEMENT POUR UNE STIMULATION EN CHAMP LOINTAIN**
[72] SAINI, RAJESH KUMAR, US
[72] TODD, BRADLEY L., US
[72] WEAVER, JIMMIE D., US
[72] OGLE, JAMES W., US
[72] LOVELESS, DAVID MICHAEL, US
[72] NGUYEN, PHILIP, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-22
[86] 2013-07-31 (PCT/US2013/053072)
[87] (WO2014/022587)
[30] US (13/565,303) 2012-08-02

[21] **2,879,954**
[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/28 (2006.01) F04D 29/32 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **METAL LEADING EDGE PROTECTIVE STRIPS, CORRESPONDING AIRFOIL AND METHOD OF PRODUCING**
[54] **BANDES METALLIQUES DE PROTECTION DE BORD D'ATTAQUE, PROFIL AERODYNAMIQUE CORRESPONDANT ET PROCEDE DE PRODUCTION**
[72] KRAY, NICHOLAS JOSEPH, US
[72] SHIM, DONG-JIN, US
[72] DAVIS, TOD WINTON, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-22
[86] 2013-06-28 (PCT/US2013/048393)
[87] (WO2014/022039)
[30] US (61/677,179) 2012-07-30

[21] **2,879,955**
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **IMPLANT SLEEP APNEA TREATMENT DEVICE INCLUDING AN ANTENNA**
[54] **DISPOSITIF DE TRAITEMENT DE L'APNEE DU SOMMEIL DU TYPE IMPLANT COMPRENANT UNE ANTENNE**
[72] MASHIACH, ADI, IL
[71] MASHIACH, ADI, IL
[85] 2015-01-23
[86] 2013-07-26 (PCT/IB2013/002147)
[87] (WO2014/016700)
[30] US (61/676,327) 2012-07-26

[21] **2,879,956**
[13] A1

[51] **Int.Cl. H02J 9/06 (2006.01)**
[25] EN
[54] **POWER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION**
[72] OHNISHI, KEISUKE, JP
[72] MASUNAGA, HIROSHI, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2015-01-23
[86] 2012-07-25 (PCT/JP2012/068844)
[87] (WO2014/016919)

[21] **2,879,957**
[13] A1

[51] **Int.Cl. F01N 3/08 (2006.01) F02D 41/04 (2006.01)**
[25] EN
[54] **EXHAUST GAS CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF D'EPURATION D'ECHAPPEMENT DE MOTEUR A COMBUSTION INTERNE**
[72] BISAJI, YUKI, JP
[72] YOSHIDA, KOHEI, JP
[72] SAKURAI, KENJI, JP
[72] NAKAMURA, KOHKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-01-23
[86] 2012-07-27 (PCT/JP2012/069218)
[87] (WO2014/016965)

[21] **2,879,958**
[13] A1

[51] **Int.Cl. A41D 13/00 (2006.01)**
[25] EN
[54] **PROTECTIVE GARMENT WITH ELASTIC THERMAL BARRIER PORTIONS**
[54] **VETEMENT DE PROTECTION A PARTIES BARRIERES THERMIQUES ELASTIQUES**
[72] CURTIS, NICHOLAS J., US
[71] LION APPAREL, INC., US
[85] 2015-01-22
[86] 2013-08-01 (PCT/US2013/053122)
[87] (WO2014/025597)
[30] US (13/567,276) 2012-08-06

[21] **2,879,959**
[13] A1

[51] **Int.Cl. A23L 1/305 (2006.01) A61K 38/22 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **NOVEL PROTEIN MATERIAL**
[54] **NOUVELLE SUBSTANCE PROTEIQUE**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069391)
[87] (WO2014/020675)

Demandes PCT entrant en phase nationale

[21] **2,879,960**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND SYNTHETIC AUXIN HERBICIDES**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO -3-CHLORO -5-FLUORO - 6- (4-CHLORO -2-FLUORO -3- METHOXYPHENYL) PYRIDINE - 2-CARBOXYLIQUE**
[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[72] SATCHIVI, NORBERT M., US
[72] SCHMITZER, PAUL R., US
[72] DEGENHARDT, RORY, CA
[72] JURAS, LEN, CA
[72] WEIMER, MONTE R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051313)
[87] (WO2014/018403)
[30] US (61/675,070) 2012-07-24
[30] US (13/833,923) 2013-03-15

[21] **2,879,961**
[13] A1

[51] **Int.Cl. B01J 29/40 (2006.01) B01J 21/08 (2006.01) B01J 21/18 (2006.01)**
[25] EN
[54] **CATALYSTS FOR THERMO-CATALYTIC CONVERSION OF BIOMASS, AND METHODS OF MAKING AND USING**
[54] **CATALYSEURS UTILISES POUR LA CONVERSION CATALYTIQUE THERMIQUE DE BIOMASSE, ET PROCEDES DE PRODUCTION ET UTILISATION DESDITS CATALYSEURS**
[72] ADKINS, BRUCE, US
[72] SCHUYTEN, STEPHEN, US
[72] SPRINGS, JERRY JON, US
[71] KIOR, INC., US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051374)
[87] (WO2014/015302)
[30] US (61/674,057) 2012-07-20

[21] **2,879,962**
[13] A1

[51] **Int.Cl. A23L 2/52 (2006.01) A23C 23/00 (2006.01)**
[25] EN
[54] **BEVERAGE, AND METHOD OF PRODUCING THE SAME**
[54] **BOISSON ET SON PROCEDE DE FABRICATION**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069394)
[87] (WO2014/020678)

[21] **2,879,963**
[13] A1

[51] **Int.Cl. A23L 2/52 (2006.01) A23C 23/00 (2006.01)**
[25] EN
[54] **BEVERAGE, AND METHOD FOR PRODUCING THE SAME**
[54] **BOISSON ET SON PROCEDE DE FABRICATION**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069393)
[87] (WO2014/020677)

[21] **2,879,964**
[13] A1

[51] **Int.Cl. B26B 21/52 (2006.01)**
[25] EN
[54] **CONNECTION BETWEEN SHAVING HANDLE AND HEAD**
[54] **LIAISON ENTRE UN MANCHE ET UNE TETE DE RASAGE**
[72] SZCZEPANOWSKI, ANDREW ANTHONY, US
[72] WINTER, FLORINA, SG
[72] FANG, DONG, CN
[71] THE GILLETTE COMPANY, US
[85] 2015-01-22
[86] 2013-08-02 (PCT/US2013/053361)
[87] (WO2014/022745)
[30] US (61/679,471) 2012-08-03

[21] **2,879,965**
[13] A1

[51] **Int.Cl. H04N 13/04 (2006.01) G02B 27/22 (2006.01)**
[25] FR
[54] **METHOD FOR AUTOSTEREOSCOPIC DISPLAY ON A SCREEN HAVING THE LARGER SIZE THEREOF IN THE VERTICAL DIRECTION**
[54] **PROCEDE D'AFFICHAGE AUTO-STEREOSCOPIQUE SUR UN ECRAN AYANT SA PLUS GRANDE DIMENSION DANS LE SENS VERTICAL**
[72] ALLIO, PIERRE, FR
[72] MARCELLIER, GILLES, FR
[72] HIRSCH, NICOLAS, FR
[71] ALIOSCOPY, FR
[85] 2015-01-23
[86] 2013-07-23 (PCT/IB2013/056032)
[87] (WO2014/016768)
[30] FR (12 57189) 2012-07-24

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[21] **2,879,966**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **PREPARATION OF AN INTERMEDIATE COMPOUND OF IOFORMINOL**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO -3-CHLORO -5-FLUORO - 6- (4-CHLORO -2-FLUORO -3-METHOXYPHENYL) PYRIDINE - 2-CARBOXYLIQUE**
[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[72] SCHMITZER, PAUL R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051318)
[87] (WO2014/018406)
[30] US (61/675,083) 2012-07-24
[30] US (13/836,653) 2013-03-15

[21] **2,879,967**
[13] A1

[51] **Int.Cl. A61N 1/372 (2006.01) A61N 1/36 (2006.01) A61N 1/378 (2006.01)**
[25] EN
[54] **INSERT TOOL FOR SELECTIVELY POWERING AN IMPLANT UNIT**
[54] **OUTIL D'INSERTION POUR ALIMENTER SELECTIVEMENT UNE UNITE D'IMPLANT**
[72] MASHIACH, ADI, IL
[71] MASHIACH, ADI, IL
[85] 2015-01-23
[86] 2013-07-26 (PCT/IB2013/002068)
[87] (WO2014/016686)
[30] US (61/676,327) 2012-07-26

[21] **2,879,968**
[13] A1

[51] **Int.Cl. B67D 1/04 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **CONNECTING DEVICE AND TAPPING ASSEMBLY AS WELL AS A CONTAINER AND METHOD FOR BEVERAGE DISPENSING**
[54] **DISPOSITIF DE RACCORDEMENT ET ENSEMBLE DE SOUTIRAGE, CONTENANT ET PROCEDE POUR LA DISTRIBUTION DE BOISSONS**
[72] WITTE, PIETER GERARD, NL
[72] PAAUWE, ARIE MAARTEN, NL
[72] BAX, BART JAN, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2015-01-23
[86] 2013-07-26 (PCT/NL2013/050556)
[87] (WO2014/017909)
[30] NL (2009237) 2012-07-26

[21] **2,879,969**
[13] A1

[51] **Int.Cl. B67D 1/04 (2006.01) B67D 7/02 (2010.01) B29C 49/06 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **CONTAINER AND SET OF PREFORMS FOR FORMING A CONTAINER**
[54] **CONTENANT ET ENSEMBLE DE PREFORMES POUR FORMER UN CONTENANT**
[72] WITTE, PIETER GERARD, NL
[72] PAAUWE, ARIE MAARTEN, NL
[72] BAX, BART JAN, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2015-01-23
[86] 2013-07-26 (PCT/NL2013/050557)
[87] (WO2014/017910)
[30] NL (2009236) 2012-07-26

[21] **2,879,970**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND ACETYL-COA CARBOXYLASE (ACCASE) INHIBITORS**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO -3-CHLORO -5-FLUORO - 6- (4-CHLORO -2-FLUORO -3-METHOXYPHENYL) PYRIDINE - 2-CARBOXYLIQUE**
[72] YERKES, CARLA N., US
[72] SATCHIVI, NORBERT M., US
[72] MANN, RICHARD K., US
[72] CARRANZA GARZON, NELSON M., CO
[72] WEIMER, MONTE R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051320)
[87] (WO2014/018407)
[30] US (61/675,103) 2012-07-24
[30] US (13/839,043) 2013-03-15

[21] **2,879,971**
[13] A1

[51] **Int.Cl. C23C 16/458 (2006.01)**
[25] EN
[54] **VAPOR DEPOSITION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DEPOT EN PHASE VAPEUR**
[72] KESTER, NORMAN L., US
[72] LEIDECKER, CLIFF J., US
[71] QUANTUM INNOVATIONS, INC., US
[85] 2014-09-05
[86] 2013-03-07 (PCT/US2013/029605)
[87] (WO2013/142082)
[30] US (61/613,366) 2012-03-20
[30] US (13/653,352) 2012-10-16

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[21] **2,879,972**
[13] A1

[51] **Int.Cl. B01D 61/02 (2006.01) B01D 63/00 (2006.01) B01D 65/02 (2006.01) B01D 65/06 (2006.01)**

[25] EN

[54] **DEVICES USING MEMBRANE MEDIATED FORWARD OSMOSIS**

[54] **DISPOSITIFS UTILISANT UNE OSMOSE DIRECTE MEDIEE PAR MEMBRANE**

[72] PARK, BENJAMIN B., US

[71] FOSMO MED, INC, US

[85] 2015-01-22

[86] 2013-07-09 (PCT/US2013/049801)

[87] (WO2014/011692)

[30] US (61/669,593) 2012-07-09

[30] US (61/714,920) 2012-10-17

[21] **2,879,973**
[13] A1

[51] **Int.Cl. C10G 1/10 (2006.01) C10B 53/07 (2006.01)**

[25] EN

[54] **SYSTEM AND PROCESS FOR CONVERTING PLASTICS TO PETROLEUM PRODUCTS**

[54] **SYSTEME ET PROCEDE DE CONVERSION DE PLASTIQUES EN PRODUITS PETROLIERS**

[72] BORDYNUIK, JOHN W., CA

[71] JBI INC., US

[85] 2015-01-23

[86] 2011-08-05 (PCT/US2011/046783)

[87] (WO2013/015819)

[30] US (61/512,733) 2011-07-28

[21] **2,879,974**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID**

[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE**

[72] MANN, RICHARD K., US

[72] YERKES, CARLA N., US

[72] SATCHIVI, NORBERT M., US

[72] SCHMITZER, PAUL R., US

[71] DOW AGROSCIENCES LLC, US

[85] 2015-01-23

[86] 2013-07-19 (PCT/US2013/051323)

[87] (WO2014/018410)

[30] US (61/675,117) 2012-07-24

[30] US (13/837,990) 2013-03-15

[21] **2,879,975**
[13] A1

[51] **Int.Cl. C09K 8/20 (2006.01) C08B 37/14 (2006.01) D21C 5/00 (2006.01)**

[25] EN

[54] **PLANT DERIVED CELLULOSE COMPOSITIONS FOR USE AS DRILLING MUDS**

[54] **COMPOSITIONS DE CELLULOSE D'ORIGINE VEGETALE DESTINEES A ETRE UTILISEES COMME BOUES DE FORAGE**

[72] VAN ENGELEN, GERARDUS PETRUS FRANCISCUS MARIA, NL

[72] VAN INGEN, GIJSBERT ADRIAAN, NL

[72] MEEUWISSEN, CORNE, NL

[71] CELLUCOMP LTD., GB

[71] COSUN BIOBASED PRODUCTS B.V., NL

[85] 2015-01-23

[86] 2013-07-26 (PCT/NL2013/050558)

[87] (WO2014/017911)

[30] EP (12178190.0) 2012-07-27

[21] **2,879,976**
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/26 (2006.01) A61K 38/28 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **A LIQUID FORMULATION OF LONG-ACTING INSULIN CONJUGATE**

[54] **FORMULATION LIQUIDE A BASE D'UN CONJUGUE D'INSULINE A ACTION PROLONGEE**

[72] LIM, HYUNG KYU, KR

[72] KIM, HYUN UK, KR

[72] HONG, SUNG HEE, KR

[72] KIM, MIN YOUNG, KR

[72] BAE, SUNG MIN, KR

[72] KWON, SE CHANG, KR

[71] HANMI PHARM CO., LTD., KR

[85] 2015-01-23

[86] 2013-07-25 (PCT/KR2013/006673)

[87] (WO2014/017847)

[30] KR (10-2012-0081477) 2012-07-25

[21] **2,879,977**
[13] A1

[51] **Int.Cl. F21V 8/00 (2006.01) G02B 6/00 (2006.01)**

[25] EN

[54] **SPECTRAL ILLUMINATION DEVICE AND METHOD**

[54] **DISPOSITIF ET PROCEDE D'ECLAIRAGE SPECTRAL**

[72] LEAVESLEY, SILAS, US

[71] UNIVERSITY OF SOUTH ALABAMA, US

[85] 2015-01-22

[86] 2013-08-06 (PCT/US2013/053787)

[87] (WO2014/025777)

[30] US (61/742,303) 2012-08-07

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[21] **2,879,978**
[13] A1

[51] **Int.Cl. A47C 20/08 (2006.01) A47C 27/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **MATTRESS FOUNDATION INCLUDING VIBRATION MOTORS AND MOUNTING ARRANGEMENTS THEREFOR**
[54] **SOMMIER COMPRENANT DES MOTEURS A VIBRATIONS ET AGENCEMENTS DE MONTAGE ASSOCIES**
[72] TARPLEE, JENNIFER LYNN, US
[72] CONKLE, JOHN BRENT, US
[72] ZAKOWSKI, THOMAS ALLEN, US
[72] MANDEL, DAVID, US
[72] INGRAM, JAMIE LEE, US
[72] TORNQUIST, FINN, US
[72] HUCK, CHARLES MASON, US
[72] KORMANOS, GEORGE HARRY, US
[72] BASTARACHE, MURICE B., US
[71] TEMPUR-PEDIC MANAGEMENT, INC., US
[85] 2015-01-23
[86] 2012-07-27 (PCT/US2012/048613)
[87] (WO2014/018057)

[21] **2,879,979**
[13] A1

[51] **Int.Cl. E21B 37/08 (2006.01) B01D 35/28 (2006.01) B07B 1/00 (2006.01) E21B 27/00 (2006.01) E21B 43/08 (2006.01) E21B 43/34 (2006.01) E21B 43/38 (2006.01)**
[25] EN
[54] **DEVICE FOR COLLECTION OF PARTICULATE MATERIAL IN A CONDUIT**
[54] **DISPOSITIF POUR LA COLLECTE DE MATERIAU PARTICULAIRE DANS UN CONDUIT**
[72] JUHLIN, RASMUS, NO
[72] HAUGLAND, LASSE, NO
[71] ALTUS INTERVENTION AS, NO
[85] 2015-01-23
[86] 2013-08-20 (PCT/NO2013/050132)
[87] (WO2014/031006)
[30] NO (20120934) 2012-08-21

[21] **2,879,980**
[13] A1

[51] **Int.Cl. A47C 20/10 (2006.01) A47C 20/04 (2006.01) A61G 7/002 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **MATTRESS FOUNDATION INCLUDING VIBRATION MOTOR ASSEMBLIES**
[54] **SOMMIER COMPRENANT DES ENSEMBLES MOTEURS A VIBRATIONS**
[72] TARPLEE, JENNIFER LYNN, US
[72] CONKLE, JOHN BRENT, US
[72] ZAKOWSKI, JR., THOMAS ALLEN, US
[72] KORMANOS, GEORGE HARRY, US
[72] BASTARACHE, MURICE B., US
[72] NUDELMAN, JOSHUA B., US
[71] TEMPUR-PEDIC MANAGEMENT, INC., US
[85] 2015-01-23
[86] 2012-07-27 (PCT/US2012/048619)
[87] (WO2014/018059)

[21] **2,879,981**
[13] A1

[51] **Int.Cl. A47C 20/10 (2006.01) A47C 20/04 (2006.01) A61G 7/002 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE MATTRESS FOUNDATION**
[54] **SOMMIER REGLABLE**
[72] TARPLEE, JENNIFER LYNN, US
[72] CONKLE, JOHN BRENT, US
[72] MANDEL, DAVID, US
[72] INGRAM, JAMIE LEE, US
[72] ELWELL, LANCE CHRISTOPHER, US
[71] TEMPUR-PEDIC MANAGEMENT, INC., US
[85] 2015-01-23
[86] 2012-07-27 (PCT/US2012/048632)
[87] (WO2014/018061)

[21] **2,879,982**
[13] A1

[51] **Int.Cl. C07D 405/06 (2006.01)**
[25] EN
[54] **LFA-1 INHIBITOR AND POLYMORPH THEREOF**
[54] **INHIBITEUR DE LFA-1 ET POLYMORPHE DE CELUI-CI**
[72] ZELLER, JAMES ROBERT, US
[72] VENKATRAMAN, SRIPATHY, US
[72] BROT, ELISABETH C.A., US
[72] IYER, SUBASHREE, US
[72] HALL, MICHAEL, US
[71] SARCODE BIOSCIENCE INC., US
[85] 2015-01-23
[86] 2013-07-25 (PCT/US2013/052044)
[87] (WO2014/018748)
[30] US (61/675,663) 2012-07-25
[30] US (61/680,099) 2012-08-06
[30] US (61/729,294) 2012-11-21

[21] **2,879,983**
[13] A1

[51] **Int.Cl. C03B 13/16 (2006.01)**
[25] EN
[54] **INCLINED ROLLER CONVEYING ASSEMBLY FOR HOT FORMED GLASS SHEETS**
[54] **ENSEMBLE TRANSPORT A ROULEAU INCLINE POUR FEUILLES DE VERRE FORMEES A CHAUD**
[72] WALKER, RUSSELL A., US
[71] GLASSTECH, INC., US
[85] 2015-01-22
[86] 2013-07-18 (PCT/US2013/050988)
[87] (WO2014/035560)
[30] US (13/598,676) 2012-08-30

[21] **2,879,984**
[13] A1

[51] **Int.Cl. A61M 1/02 (2006.01) A61M 1/34 (2006.01) A61M 39/12 (2006.01)**
[25] EN
[54] **MOBILE SYSTEM FOR SEPARATING DONOR BLOOD BY MEANS OF GRAVITATIONAL FORCE**
[54] **SYSTEME MOBILE DE SEPARATION PAR GRAVITE DU SANG DE DONNEURS**
[72] MULLER, ROLAND, CH
[72] VON HARTEN, BODO, DE
[71] MEMBRANA GMBH, DE
[85] 2015-01-23
[86] 2013-07-18 (PCT/EP2013/065208)
[87] (WO2014/016198)
[30] EP (12177871.6) 2012-07-25

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[21] **2,879,985**
[13] A1

[51] **Int.Cl. E21B 19/08 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **WELL CABLE MANAGEMENT**
[54] **GESTION DE CABLE DE PUITES**
[72] RODNEY, PAUL F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-23
[86] 2012-08-06 (PCT/US2012/049700)
[87] (WO2014/025335)

[21] **2,879,986**
[13] A1

[51] **Int.Cl. C07D 257/04 (2006.01) A61K 31/41 (2006.01) A61K 31/4245 (2006.01) A61P 25/00 (2006.01) C07D 271/06 (2006.01)**
[25] EN
[54] **CYSTATHIONINE-.GAMMA.-LYASE (CSE) INHIBITORS**
[54] **INHIBITEURS DE LA CYSTATHIONINE-Y-GAMMA-LYASE (CSE)**
[72] DURON, SERGIO G., US
[72] CHAPMAN, JUSTIN, US
[72] SYDSERFF, SIMON G., US
[72] RAO, SRINIVAS G., US
[72] STEIN, GREGORY, US
[71] SOVA PHARMACEUTICALS, INC., US
[85] 2015-01-23
[86] 2013-07-23 (PCT/US2013/051744)
[87] (WO2014/018569)
[30] US (61/675,753) 2012-07-25

[21] **2,879,987**
[13] A1

[51] **Int.Cl. G01N 1/04 (2006.01) C12Q 1/68 (2006.01) G01N 1/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MATRIX AND SYSTEM FOR PRESERVING BIOLOGICAL SPECIMENS FOR QUALITATIVE AND QUANTITATIVE ANALYSIS**
[54] **MATRICE ET SYSTEME POUR LA PRESERVATION D'ECHANTILLONS BIOLOGIQUES POUR UNE ANALYSE QUALITATIVE ET QUANTITATIVE**
[72] DE LA ROSA, ABEL, US
[72] HEALY, MIMI C. G., US
[72] REECE, KRISTY S., US
[72] MCCLERNON, DANIEL R., US
[72] MCCLERNON, ANITA MATTHEWS, US
[71] VIVEBIO, LLC, US
[85] 2015-01-22
[86] 2013-08-06 (PCT/US2013/053799)
[87] (WO2014/025787)
[30] US (61/680,193) 2012-08-06

[21] **2,879,988**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO -3-CHLORO -5-FLUORO -6- (4-CHLORO -2-FLUORO -3-METHOXYPHENYL)PYRIDINE -2-CARBOXYLIQUE**
[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[72] SATCHIVI, NORBERT M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051325)
[87] (WO2014/018411)
[30] US (61/675,054) 2012-07-24
[30] US (13/840,419) 2013-03-15

[21] **2,879,989**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND VLCFA SYNTHESIS AND FATTYACID/LIPID SYNTHESIS INHIBITING HERBICIDES**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO -3-CHLORO -5-FLUORO -6- (4-CHLORO -2-FLUORO -3-METHOXYPHENYL) PYRIDINE -2-CARBOXYLIQUE OU UN DERIVE DE CELUI-CI ET HERBICIDES INHIBITEURS DE LA SYNTHESE VLCFA ET DE LA SYNTHESE D'ACIDES GRAS/DE LIPIDES**
[72] YERKES, CARLA, US
[72] MANN, RICHARD, US
[72] SHIRAISHI, IKUO, JP
[72] YANAGIYAMA, SHINGO, JP
[72] SATCHIVI, NORBERT, US
[71] DOW AGROSCIENCES LCC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051302)
[87] (WO2014/018397)
[30] US (61/675,105) 2012-07-24
[30] US (13/840,306) 2013-03-15

[21] **2,879,990**
[13] A1

[51] **Int.Cl. C12N 9/88 (2006.01)**
[25] EN
[54] **CYAA-BASED CHIMERIC PROTEINS COMPRISING A HETEROLOGOUS POLYPEPTIDE AND THEIR USES IN THE INDUCTION OF IMMUNE RESPONSES**
[54] **PROTEINES CHIMERES A BASE DE CYAA COMPRENANT UN POLYPEPTIDE HETEROLOGUE, ET LEURS UTILISATIONS DANS L'INDUCTION DE REPONSES IMMUNITAIRES**
[72] MISSERI, YOLANDE, FR
[72] ESQUERRE, MICHAEL, FR
[72] JOLY, ETIENNE, FR
[71] GENTICEL, FR
[85] 2015-01-23
[86] 2013-07-23 (PCT/EP2013/065546)
[87] (WO2014/016310)
[30] EP (12305897.6) 2012-07-23

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[21] **2,879,991**
[13] A1

[51] **Int.Cl. D02G 3/44 (2006.01)**
[25] EN
[54] **FIBER BLENDS, YARNS, FABRICS, AND GARMENTS FOR ARC AND FLAME PROTECTION**
[54] **MELANGES DE FIBRES, FILS, TISSUS ET VETEMENTS DE PROTECTION CONTRE LES ARCS ET LES FLAMMES**
[72] ZHU, REIYAO, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-01-23
[86] 2013-07-25 (PCT/US2013/051921)
[87] (WO2014/018697)
[30] US (13/559,966) 2012-07-27

[21] **2,879,992**
[13] A1

[51] **Int.Cl. A23C 9/13 (2006.01)**
[25] EN
[54] **NOVEL FERMENTED MILK PRODUCT AND METHOD FOR PRODUCING THE SAME**
[54] **PRODUIT A BASE DE LAIT FERMENTE ET SON PROCEDE DE PRODUCTION**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069396)
[87] (WO2014/020680)

[21] **2,879,993**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **DROUGHT TOLERANT GENES AND METHODS OF USE**
[54] **GENES DE TOLERANCE A LA SECHERESSE ET PROCEDES D'UTILISATION**
[72] BRUGIERE, NORBERT, US
[72] HABBEN, JEFFREY, US
[72] NIU, XIPING, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2015-01-23
[86] 2012-10-12 (PCT/US2012/059882)
[87] (WO2013/056000)
[30] US (61/546,646) 2011-10-13

[21] **2,879,994**
[13] A1

[51] **Int.Cl. C07K 16/10 (2006.01) A61K 39/12 (2006.01) A61K 39/395 (2006.01) A61K 39/42 (2006.01)**
[25] EN
[54] **ANTI-DENGUE VIRUS ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-VIRUS DE LA DENGUE (DENV) ET LEURS UTILISATIONS**
[72] SASISEKHARAN, RAM, US
[72] ROBINSON, LUKE NATHANIEL, US
[72] THARAKARAMAN, KANNAN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2015-01-23
[86] 2013-07-25 (PCT/US2013/052062)
[87] (WO2014/025546)
[30] US (61/680,385) 2012-08-07
[30] US (61/780,209) 2013-03-13

[21] **2,879,995**
[13] A1

[51] **Int.Cl. A23C 9/152 (2006.01)**
[25] EN
[54] **NOVEL POWDERED MILK PRODUCT AND METHOD FOR PRODUCING THE SAME**
[54] **PRODUIT DE TYPE LAIT EN POUDRE ET SON PROCEDE DE PRODUCTION**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069397)
[87] (WO2014/020681)

[21] **2,879,996**
[13] A1

[51] **Int.Cl. A61N 7/02 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR PRECISION HIGH-INTENSITY FOCUSED ULTRASOUND**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR ULTRASONS FOCALISES DE PRECISION A HAUTE INTENSITE**
[72] HILL, CHARLES E., US
[71] LAZURE SCIENTIFIC, INC., US
[85] 2015-01-23
[86] 2013-07-23 (PCT/US2013/051591)
[87] (WO2014/018488)
[30] US (61/674,668) 2012-07-23

Demandes PCT entrant en phase nationale

[21] **2,879,997**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12N 15/90 (2006.01)**

[25] EN

[54] **INDUCIBLE DNA BINDING PROTEINS AND GENOME PERTURBATION TOOLS AND APPLICATIONS THEREOF**

[54] **PROTEINES DE LIAISON A L'ADN INDUCTIBLES ET OUTILS DE PERTURBATION DU GENOME ET LEURS APPLICATIONS**

[72] ZHANG, FENG, US
[72] BRIGHAM, MARK, US
[72] CONG, LE, US
[72] KONERMANN, SILVANA, CH
[72] SANJAN, NEVILLE ESPI, US
[72] SANJANA, NEVILLE ESPI, US
[71] THE BROAD INSTITUTE, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2015-01-23
[86] 2013-07-21 (PCT/US2013/051418)
[87] (WO2014/018423)
[30] US (61/675,778) 2012-07-25
[30] US (61/721,283) 2012-11-01
[30] US (61/736,465) 2012-12-12
[30] US (61/794,458) 2013-03-15
[30] US (61/835,973) 2013-06-17

[21] **2,879,998**
[13] A1

[51] **Int.Cl. C02F 1/66 (2006.01)**

[25] EN

[54] **PROCESS FOR REDUCING SOLUBLE ORGANIC CONTENT IN RECOVERED WATER**

[54] **PROCEDE DE REDUCTION DE LA TENEUR ORGANIQUE SOLUBLE D'EAUX DE RECUPERATION**

[72] WEBBER, TIMOTHY J., CA
[72] SIKES, T. DANIEL, US
[72] SIKES, C. STEVEN, US
[71] AQUERO COMPANY, LLC, US
[71] 1257 122 ALBERTA LTD., CA
[85] 2015-01-23
[86] 2013-07-22 (PCT/US2013/051507)
[87] (WO2014/018452)
[30] US (61/674,926) 2012-07-24

[21] **2,879,999**
[13] A1

[51] **Int.Cl. A61K 39/295 (2006.01) C07K 14/025 (2006.01) C07K 14/235 (2006.01)**

[25] EN

[54] **HPV/CYAA-BASED CHIMERIC PROTEINS AND THEIR USES IN THE INDUCTION OF IMMUNE RESPONSES AGAINST HPV INFECTION AND HPV-INDUCED DISORDERS**

[54] **PROTEINES CHIMERES A BASE D'HPV/CYAA ET LEURS UTILISATIONS DANS L'INDUCTION DE REPOSES IMMUNITAIRES CONTRE UNE INFECTION PAR LE HPV ET LES TROUBLES INDUITS PAR LE HPV**

[72] MISSERI, YOLANDE, FR
[72] BRIDONNEAU, PHILIPPE, FR
[72] GOUBIER, ANNE, FR
[71] GENTICEL, FR
[85] 2015-01-23
[86] 2013-07-23 (PCT/EP2013/065549)
[87] (WO2014/016312)
[30] EP (12305898.4) 2012-07-23

[21] **2,880,000**
[13] A1

[51] **Int.Cl. A23C 9/152 (2006.01)**

[25] EN

[54] **NOVEL POWDERED MILK PRODUCT AND METHOD FOR PRODUCING THE SAME**

[54] **PRODUIT DE TYPE LAIT EN POUFRE ET SON PROCEDE DE PRODUCTION**

[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069398)
[87] (WO2014/020682)

[21] **2,880,001**
[13] A1

[51] **Int.Cl. A61B 6/00 (2006.01)**

[25] EN

[54] **IMAGING AND THERAPEUTIC METHODS FOR TREATING PARATHYROID TUMORS**

[54] **METHODES D'IMAGERIE ET THERAPEUTIQUES POUR LE TRAITEMENT DES TUMEURS PARATHYROIDIENNES**

[72] WEBER, COLLIN J., US
[71] EMORY UNIVERSITY, US
[85] 2015-01-23
[86] 2013-07-24 (PCT/US2013/051795)
[87] (WO2014/018610)
[30] US (61/675,367) 2012-07-25

[21] **2,880,002**
[13] A1

[51] **Int.Cl. H01R 13/66 (2006.01)**

[25] EN

[54] **MULTI-POSITION INPUT CORD ASSEMBLY FOR A POWER DISTRIBUTION UNIT**

[54] **ENSEMBLE CORDON D'ENTREE A POSITIONS MULTIPLES POUR UNE UNITE DE DISTRIBUTION D'ENERGIE**

[72] CONNOLLY, CHRIS, US
[72] IRONS, TRAVIS, US
[72] RAMSEY, MARK, US
[71] SERVER TECHNOLOGY, INC., US
[71] CONNOLLY, CHRIS, US
[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052345)
[87] (WO2014/018901)
[30] US (61/675,921) 2012-07-26

PCT Applications Entering the National Phase

[21] **2,880,003**
[13] A1

[51] **Int.Cl. A23C 19/00 (2006.01)**
[25] EN
[54] **NOVEL CHEESE AND METHOD FOR PRODUCING THE SAME**
[54] **PRODUIT DE TYPE FROMAGE ET SON PROCEDE DE PRODUCTION**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069399)
[87] (WO2014/020683)

[21] **2,880,004**
[13] A1

[51] **Int.Cl. A23C 19/00 (2006.01)**
[25] EN
[54] **NOVEL CHEESE AND METHOD FOR PRODUCING THE SAME**
[54] **FROMAGE ET SON PROCEDE DE PRODUCTION**
[72] OHMACHI, AIKO, JP
[72] MATSUYAMA, HIROAKI, JP
[72] MORITA, YOSHIKAZU, JP
[72] ISHIDA, YUKO, JP
[72] NARA, TAKAYUKI, JP
[72] KATO, KEN, JP
[72] SERIZAWA, ATSUSHI, JP
[72] UENO, HIROSHI, JP
[72] URAZONO, HIROSHI, JP
[71] MEGMILK SNOW BRAND CO., LTD., JP
[85] 2015-01-23
[86] 2012-07-31 (PCT/JP2012/069400)
[87] (WO2014/020684)

[21] **2,880,005**
[13] A1

[51] **Int.Cl. B60W 20/00 (2006.01) B60W 10/04 (2006.01) F02D 19/08 (2006.01)**
[25] EN
[54] **ADSORBED NATURAL GAS FUEL SYSTEM FOR HYBRID MOTOR VEHICLES**
[54] **SYSTEME D'ALIMENTATION EN GAZ NATUREL ADSORBE POUR DES VEHICULES A MOTEUR HYBRIDE**
[72] DOLAN, WILLIAM, US
[72] SANTAMARIA, MICHAEL, US
[72] LACK, ADAM CYRIL, US
[71] BASF CORPORATION, US
[85] 2015-01-23
[86] 2013-07-23 (PCT/US2013/051687)
[87] (WO2014/018534)
[30] US (61/675,039) 2012-07-24
[30] US (13/947,867) 2013-07-22

[21] **2,880,006**
[13] A1

[51] **Int.Cl. E02F 3/80 (2006.01) E02F 9/28 (2006.01)**
[25] EN
[54] **CUTTER FOR DOZING BLADE, SERVICE PACKAGE, AND METHOD**
[54] **DISPOSITIF DE COUPE POUR LAME DE TERRASSEMENT, ENSEMBLE DE SERVICE ET PROCEDE**
[72] CONGDON, THOMAS M., US
[72] BIGGS, NICK W., US
[72] MARTIN, KEVIN L., US
[71] CATERPILLAR, INC., US
[85] 2015-01-22
[86] 2013-08-08 (PCT/US2013/054131)
[87] (WO2014/025996)
[30] US (13/570,814) 2012-08-09

[21] **2,880,007**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-KIT ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-KIT ET LEURS UTILISATIONS**
[72] HADARI, YARON, US
[72] MANDEL-BAUSCH, ELIZABETH M., US
[72] CARR, FRANCIS JOSEPH, GB
[72] JONES, TIMOTHY DAVID, GB
[72] PERRY, LAURA CLARE ALEXANDRA, GB
[71] KOLLTAN PHARMACEUTICALS, INC., US
[85] 2015-01-23
[86] 2013-07-24 (PCT/US2013/051815)
[87] (WO2014/018625)
[30] US (61/675,751) 2012-07-25
[30] US (61/675,762) 2012-07-25

[21] **2,880,008**
[13] A1

[51] **Int.Cl. A61L 27/50 (2006.01) A61F 2/07 (2013.01)**
[25] EN
[54] **IMPLANTABLE BIOCOMPATIBLE TUBULAR MATERIAL**
[54] **MATERIAU TUBULAIRE BIOCOMPATIBLE IMPLANTABLE**
[72] RADSPINNER, RACHEL, US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-01-22
[86] 2013-08-10 (PCT/US2013/054441)
[87] (WO2014/026174)
[30] US (61/682,070) 2012-08-10
[30] US (13/963,733) 2013-08-09

Demandes PCT entrant en phase nationale

[21] **2,880,009**
[13] A1

[51] **Int.Cl. C12P 21/06 (2006.01) A61K 38/17 (2006.01) A61P 3/10 (2006.01) A61P 43/00 (2006.01) C12N 9/99 (2006.01) C07K 14/78 (2006.01)**

[25] EN

[54] **COLLAGEN PEPTIDE COMPOSITION PRODUCTION METHOD, DPP-4 INHIBITOR, AND ANTIHYPERGLYCEMIC AGENT**

[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION PEPTIDIQUE DE COLLAGENE, INHIBITEUR DE DPP-4 ET AGENT ANTIHYPERGLYCEMIQUE**

[72] TAGA, YUKI, JP
[72] KUSUBATA, MASASHI, JP
[72] SUZUKI, SATOSHI, JP
[72] HAYASHIDA, OSAMU, JP
[72] KOYAMA, YOH-ICHI, JP
[72] HATTORI, SHUNJI, JP
[72] HATTORI, SHUNJI, JP
[71] NIPPI, INCORPORATED, JP
[85] 2015-01-23
[86] 2013-07-23 (PCT/JP2013/069896)
[87] (WO2014/017474)
[30] JP (2012-164522) 2012-07-25

[21] **2,880,010**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01)**

[25] EN

[54] **NME VARIANT SPECIES EXPRESSION AND SUPPRESSION**

[54] **EXPRESSION ET SUPPRESSION D'ESPECES DE VARIANTS DE NME**

[72] BAMDAD, CYNTHIA, US
[71] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2015-01-23
[86] 2013-07-24 (PCT/US2013/051899)
[87] (WO2014/018679)
[30] US (61/675,292) 2012-07-24
[30] US (61/677,442) 2012-07-30
[30] US (61/679,021) 2012-08-02
[30] US (61/683,155) 2012-08-14
[30] US (61/684,654) 2012-08-17
[30] US (61/693,712) 2012-08-27
[30] US (PCT/US2012/060684) 2012-10-17

[21] **2,880,011**
[13] A1

[51] **Int.Cl. A61K 31/4418 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS AND USES THEREOF**

[54] **COMPOSES ANALOGUES DE PIRFENIDONE ET DE PYRIDONE POUR AEROSOL ET LEURS UTILISATIONS**

[72] SURBER, MARK WILLIAM, US
[71] GENOA PHARMACEUTICALS, INC., US
[85] 2015-01-23
[86] 2013-07-24 (PCT/US2013/051880)
[87] (WO2014/018668)
[30] US (61/675,286) 2012-07-24
[30] US (61/756,983) 2013-01-25
[30] US (61/824,818) 2013-05-17

[21] **2,880,012**
[13] A1

[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/00 (2006.01) A61K 47/36 (2006.01)**

[25] EN

[54] **CHONDROITIN COMPLEXES FOR TRANSCUTANEOUS ABSORPTION**

[54] **COMPLEXES DE CHONDROITINE POUR UNE ABSORPTION TRANSCUTANEE**

[72] DE ROSA, MARIO, CH
[72] SCHIRALDI, CHIARA, CH
[71] ALTERGON S.A., CH
[85] 2015-01-23
[86] 2013-07-25 (PCT/EP2013/065733)
[87] (WO2014/016380)
[30] IT (MI2012A001316) 2012-07-27

[21] **2,880,013**
[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01) A61K 31/167 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/4439 (2006.01) A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/5025 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07H 21/00 (2006.01) C07K 14/705 (2006.01) C07K 14/71 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) C07K 19/00 (2006.01) C12N 9/12 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**

[25] EN

[54] **FUSION PROTEINS AND METHODS THEREOF**

[54] **PROTEINES DE FUSION ET LEURS PROCEDES ASSOCIES**

[72] IAVARONE, ANTONIO, US
[72] LASORELLA, ANNA, US
[72] RABANDAN, RAUL, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2015-01-23
[86] 2013-07-24 (PCT/US2013/051888)
[87] (WO2014/018673)
[30] US (61/675,006) 2012-07-24

[21] **2,880,014**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01)**

[25] EN

[54] **TRANSACTION SUPPORT SYSTEM**

[54] **SYSTEME DE SUPPORT DE TRANSACTION**

[72] KAGIWADA, YOSHIMITSU, JP
[71] KEYSOFT, INC., JP
[71] KAGIWADA, YOSHIMITSU, JP
[85] 2015-01-23
[86] 2013-08-08 (PCT/JP2013/071574)
[87] (WO2014/024999)
[30] JP (2012-176514) 2012-08-08

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[21] 2,880,016 [13] A1	[21] 2,880,018 [13] A1	[21] 2,880,020 [13] A1
[51] Int.Cl. G01N 35/00 (2006.01) [25] EN [54] RELATIVE ROUTING PRIORITY FOR TEST REQUESTS [54] PRIORITE DE ROUTAGE RELATIVE POUR DES REQUETES DE TEST [72] KILLEEN, GERARD, IE [72] MURRAY, CIARAN, IE [72] WEDGEWORTH, FRANK, IE [71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US [85] 2015-01-23 [86] 2013-07-25 (PCT/US2013/052017) [87] (WO2014/018734) [30] US (61/676,055) 2012-07-26	[51] Int.Cl. G06Q 30/06 (2012.01) [25] EN [54] TRANSACTION SUPPORT SYSTEM [54] SYSTEME DE SUPPORT DE TRANSACTION [72] KAGIWADA, YOSHIMITSU, JP [71] KEYSOFT, INC., JP [71] KAGIWADA, YOSHIMITSU, JP [85] 2015-01-23 [86] 2013-08-08 (PCT/JP2013/071575) [87] (WO2014/025000) [30] JP (2012-176514) 2012-08-08	[51] Int.Cl. A61B 17/03 (2006.01) [25] EN [54] MONO-LAYER THIN FILM ADHESIVE COMPOUNDS [54] COMPOSES ADHESIFS EN FILM MINCE MONOCOUCHE ET PROCEDES DE SYNTHESE ET UTILISATION [72] MURPHY, JOHN L., US [72] DAL SIN, JEFFREY L., US [72] LYMAN, ARINNE, US [72] VOLLENWEIDER, LAURA, US [72] BROUSSARD, JOEL L., US [72] WINTERBOTTOM, NEIL, US [72] KOEPEL, JUSTIN T., US [71] KNC NER ACQUISITION SUB, INC., US [85] 2015-01-23 [86] 2013-07-25 (PCT/US2013/052090) [87] (WO2014/018771) [30] US (61/675,559) 2012-07-25
[21] 2,880,017 [13] A1	[21] 2,880,019 [13] A1	[21] 2,880,021 [13] A1
[51] Int.Cl. C07C 11/24 (2006.01) B01J 19/10 (2006.01) C07C 2/76 (2006.01) C10G 9/00 (2006.01) [25] EN [54] METHANE CONVERSION APPARATUS AND PROCESS USING A SUPERSONIC FLOW REACTOR [54] APPAREIL ET PROCEDE DE CONVERSION DE METHANE FAISANT APPEL A UN REACTEUR A ECOULEMENT SUPERSONIQUE [72] BEDARD, ROBERT L., US [72] NAUNHEIMER, CHRISTOPHER, US [72] TOWLER, GAVIN P., US [72] LEONARD, LAURA E., US [72] DUDEBOUT, RODOLPHE, US [72] WOODCOCK, GREGORY O., US [72] MITTENDORF, DONALD L., US [72] KEETON, TONY J., US [71] UOP LLC, US [85] 2015-01-22 [86] 2013-08-16 (PCT/US2013/055236) [87] (WO2014/031462) [30] US (61/691,333) 2012-08-21 [30] US (13/967,697) 2013-08-15	[51] Int.Cl. G01N 37/00 (2006.01) G01N 27/416 (2006.01) G06F 19/00 (2011.01) A61B 5/157 (2006.01) C12M 1/40 (2006.01) G01N 27/327 (2006.01) [25] EN [54] METHOD AND SYSTEM TO MANAGE DIABETES USING MULTIPLE RISK INDICATORS FOR A PERSON WITH DIABETES [54] PROCEDE ET SYSTEME DE GESTION DU DIABETE A L'AIDE DE MULTIPLES INDICATEURS DE RISQUE POUR UNE PERSONNE ATTEINTE DE DIABETE [72] SCHAIBLE, THOMAS, US [71] LIFESCAN, INC., US [85] 2015-01-23 [86] 2013-07-25 (PCT/US2013/051947) [87] (WO2014/018709) [30] US (13/560,627) 2012-07-27	[51] Int.Cl. C07D 403/10 (2006.01) A61K 31/495 (2006.01) A61P 35/00 (2006.01) [25] EN [54] QUINONE COMPOUNDS AND THEIR USES FOR THE TREATMENT OF CANCER [54] COMPOSES DE QUINONE ET LEURS UTILISATIONS POUR LE TRAITEMENT DE CANCER [72] MCGOWN, ALAN, GB [72] HADFIELD, JOHN, GB [72] BUTLER, JOHN, GB [71] ONCO-NX LIMITED, GB [85] 2015-01-23 [86] 2013-07-30 (PCT/EP2013/065968) [87] (WO2014/020012) [30] GB (1213486.2) 2012-07-30

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[13] A1

[51] **Int.Cl. C09K 8/584 (2006.01) C09K 8/035 (2006.01) C09K 8/588 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **METHOD, SYSTEM AND COMPOSITION FOR PRODUCING OIL**

[54] **PROCEDE, SYSTEME ET COMPOSITION POUR PRODUIRE DE L'HUILE**

[72] BOUWMEESTER, RONALDUS
CORNELIS MARTINUS, MY

[72] SOUTHWICK, JEFFREY GEORGE, US

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPU B.V., NL

[85] 2015-01-22
[86] 2013-08-16 (PCT/US2013/055338)
[87] (WO2014/031482)
[30] US (61/691,033) 2012-08-20

[21] **2,880,023**
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01)**

[25] EN

[54] **WATERBORNE COATINGS**

[54] **REVETEMENTS A BASE D'EAU**

[72] DICOLA, LOUISA D., US

[72] SHAH, SHAILESH S., US

[71] THE SHERWIN-WILLIAMS COMPANY, US

[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052229)
[87] (WO2014/018843)
[30] US (61/676,127) 2012-07-26

[21] **2,880,024**
[13] A1

[51] **Int.Cl. A01N 25/04 (2006.01) A01N 43/48 (2006.01) A01N 43/80 (2006.01)**

[25] EN

[54] **DISPERSIBLE HERBICIDAL COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS HERBICIDES DISPERSIBLES ET PROCEDES D'UTILISATION**

[72] LOPEZ, HUMBERTO BENITO, US

[72] PORPIGLIA, PETER J., US

[71] AMVAC CHEMICAL CORPORATION, US

[85] 2015-01-23
[86] 2013-07-25 (PCT/US2013/052096)
[87] (WO2014/018775)
[30] US (61/741,819) 2012-07-25

[21] **2,880,025**
[13] A1

[51] **Int.Cl. A61F 2/01 (2006.01) A61B 17/12 (2006.01)**

[25] EN

[54] **FIXATION ANCHOR DESIGN FOR AN OCCLUSION DEVICE**

[54] **ANCRE DE FIXATION POUR DISPOSITIF D'OCCLUSION**

[72] TISCHLER, BRIAN JOSEPH, US

[72] PEIFFER, DENNIS A., US

[71] BOSTON SCIENTIFIC SCIMED, INC., US

[85] 2015-01-22
[86] 2013-08-19 (PCT/US2013/055572)
[87] (WO2014/042825)
[30] US (61/700,221) 2012-09-12

[21] **2,880,026**
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/26 (2006.01) A61K 38/28 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **A LIQUID FORMULATION OF LONG ACTING INSULINOTROPIC PEPTIDE CONJUGATE**

[54] **FORMULATION LIQUIDE D'UN CONJUGUE DE PEPTIDE INSULINOTROPE A LONGUE ACTION**

[72] KIM, HYUN UK, KR

[72] LIM, HYUNG KYU, KR

[72] HONG, SUNG HEE, KR

[72] KIM, DAE JIN, KR

[72] BAE, SUNG MIN, KR

[72] KWON, SE CHANG, KR

[71] HANMI PHARM. CO., LTD., KR

[85] 2015-01-23
[86] 2013-07-25 (PCT/KR2013/006670)
[87] (WO2014/017845)
[30] KR (10-2012-0081476) 2012-07-25

[21] **2,880,027**
[13] A1

[51] **Int.Cl. A61K 31/57 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND TREATMENT FOR EYE DISEASES AND DISORDERS**

[54] **COMPOSITIONS ET TRAITEMENT POUR MALADIES ET TROUBLES OCULAIRES**

[72] CHANG, WEI-WEI, US

[72] SAWYER, KENNETH, US

[71] RHODES TECHNOLOGIES, US

[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052264)
[87] (WO2014/018856)
[30] US (61/676,530) 2012-07-27
[30] US (61/756,321) 2013-01-24

[21] **2,880,028**
[13] A1

[51] **Int.Cl. G10L 19/00 (2013.01)**

[25] EN

[54] **DECODER AND METHOD FOR A GENERALIZED SPATIAL-AUDIO-OBJECT-CODING PARAMETRIC CONCEPT FOR MULTICHANNEL DOWNMIX/UPMIX CASES**

[54] **DECODEUR ET PROCEDE DESTINE A UN CONCEPT GENERALISE D'INFORMATIONS PARAMETRIQUES SPATIALES DE CODAGE D'OBJETS AUDIO POUR DES CAS DE MIXAGE REDUCTEUR/ELEVATEUR MULTICANAUX**

[72] KASTNER, THORSTEN, DE

[72] HERRE, JURGEN, DE

[72] TERENTIV, LEON, DE

[72] HELLMUTH, OLIVER, DE

[71] FRAUNHOFER-GELELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD

[85] 2015-01-23
[86] 2013-08-05 (PCT/EP2013/066405)
[87] (WO2014/020182)
[30] US (61/679,404) 2012-08-03

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[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **ELECTRONIC PAYMENTS TO NON-INTERNET CONNECTED DEVICES SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PAIEMENTS ELECTRONIQUES SUR DES DISPOSITIFS NON CONNECTES A INTERNET**
[72] LOW, GAK WEE, US
[72] LEE, MICHELE, US
[72] WENGER, MARK, US
[72] SUN, XIN, US
[71] EBAY INC., US
[85] 2015-01-23
[86] 2013-07-25 (PCT/US2013/052130)
[87] (WO2014/018796)
[30] US (61/675,694) 2012-07-25

[21] **2,880,030**
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/08 (2006.01) A61B 17/12 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **ATRIAL APPENDAGE CLOSURE DEVICE AND RELATED METHODS**
[54] **DISPOSITIF DE FERMETURE D'APPENDICE AURICULAIRE ET PROCEDES ASSOCIES**
[72] SLAUGHTER, MARK S., US
[72] GIRIDHARAN, GURUPRASAD A., US
[72] KOENIG, STEVEN C., US
[72] SOBIESKI, MICHAEL A., US
[72] SOUCY, KEVIN, US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US
[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052362)
[87] (WO2014/018907)
[30] US (61/676,157) 2012-07-26
[30] US (61/791,147) 2013-03-15

[21] **2,880,031**
[13] A1

[51] **Int.Cl. G08B 21/24 (2006.01)**
[25] EN
[54] **A HYGIENE BEHAVIOUR SUPPORT SYSTEM**
[54] **SYSTEME D'AIDE A L'HYGIENE**
[72] CHRISTENSEN, JARL, DK
[71] BERENDSEN A/S, DK
[85] 2015-01-23
[86] 2013-08-14 (PCT/EP2013/067002)
[87] (WO2014/027030)
[30] EP (12180442.1) 2012-08-14

[21] **2,880,032**
[13] A1

[51] **Int.Cl. C09D 11/10 (2014.01)**
[25] EN
[54] **RADIATION CURABLE INKJET INKS**
[54] **ENCRES D'IMPRIMANTE A JET D'ENCRE A SECHAGE PAR RAYONNEMENT**
[72] LOCCUFIER, JOHAN, BE
[72] TORFS, RITA, BE
[71] AGFA-GEVAERT, BE
[85] 2015-01-23
[86] 2013-10-08 (PCT/EP2013/070931)
[87] (WO2014/063918)
[30] EP (12189786.2) 2012-10-24
[30] US (61/718,720) 2012-10-26

[21] **2,880,033**
[13] A1

[51] **Int.Cl. C08F 220/18 (2006.01) C08F 222/10 (2006.01) C08F 297/00 (2006.01) C10M 145/14 (2006.01)**
[25] EN
[54] **LOOSE CORE STAR POLYMERS AND LUBRICATING COMPOSITION THEREOF**
[54] **POLYMERES EN ETOILE A NOYAU LIBRE ET COMPOSITION LUBRIFIANTE A BASE DE CEUX-CI**
[72] JOHNSON, JOHN R., US
[72] SCHOBER, BARTON J., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2015-01-23
[86] 2013-03-05 (PCT/US2013/029008)
[87] (WO2014/031154)
[30] US (61/684,880) 2012-08-20

[21] **2,880,034**
[13] A1

[51] **Int.Cl. H01S 5/183 (2006.01)**
[25] EN
[54] **TUNABLE SHORT CAVITY LASER SENSOR**
[54] **CAPTEUR LASER A CAVITE COURTE ACCORDABLE**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[71] THORLABS, INC., US
[71] PRAEVIVUM RESEARCH, INC., US
[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052415)
[87] (WO2014/018942)
[30] US (61/676,712) 2012-07-27

[21] **2,880,035**
[13] A1

[51] **Int.Cl. A61K 31/165 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE TREATMENT OF MIGRAINE HEADACHES**
[54] **COMPOSITION POUR LE TRAITEMENT DES MAUX DE TETE DE TYPE MIGRAINE**
[72] CHATTERJEE, ANJAN, US
[71] VR1, INC., US
[85] 2015-01-22
[86] 2013-08-23 (PCT/US2013/056399)
[87] (WO2014/031964)
[30] US (61/692,826) 2012-08-24

[21] **2,880,036**
[13] A1

[51] **Int.Cl. F16L 13/14 (2006.01) F16L 37/23 (2006.01) F16L 37/35 (2006.01)**
[25] EN
[54] **QUICK CONNECT COUPLING WITH SWAGED VALVE COMPONENTS AND METHOD FOR ASSEMBLING**
[54] **RACCORD RAPIDE AYANT DES ELEMENTS DE SOUPAPE EMBOUTIS ET PROCEDE D'ASSEMBLAGE**
[72] B.V., CHETAN, IN
[72] KUMAR, PRADEEP, IN
[72] BHISE, ONKAR, IN
[72] DAHMS, JASON, US
[71] EATON CORPORATION, US
[85] 2015-01-23
[86] 2013-03-13 (PCT/US2013/030974)
[87] (WO2014/018106)
[30] IN (839/KOL/2012) 2012-07-26

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[21] **2,880,037**
[13] A1

[51] **Int.Cl. A61K 38/28 (2006.01) A61K 9/08 (2006.01) A61K 38/18 (2006.01)**

[25] EN

[54] **A LIQUID FORMULATION OF LONG-ACTING INSULIN AND INSULINOTROPIC PEPTIDE**

[54] **FORMULATION LIQUIDE A BASE D'INSULINE A ACTION PROLONGEE ET D'UN PEPTIDE INSULINOTROPE**

[72] LIM, HYUNG KYU, KR
[72] KIM, HYUN UK, KR
[72] LEE, MI KYOUNG, KR
[72] LEE, JONG SOO, KR
[72] BAE, SUNG MIN, KR
[72] KWON, SE CHANG, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2015-01-23
[86] 2013-07-25 (PCT/KR2013/006676)
[87] (WO2014/017849)
[30] KR (10-2012-0081478) 2012-07-25

[21] **2,880,038**
[13] A1

[51] **Int.Cl. G01N 21/17 (2006.01) A61B 1/00 (2006.01) G01B 9/02 (2006.01)**

[25] EN

[54] **AGILE IMAGING SYSTEM**

[54] **SYSTEME D'IMAGERIE SOUPLE**

[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, MICHAEL BENJAMIN, US
[72] HEIM, PETER, US
[72] DAVIS, ANJUL, US
[72] JIANG, JAMES YI, US
[72] BARRY, SCOTT, US
[71] THORLABS, INC., US
[71] PRAEVIUM RESEARCH, INC., US
[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052425)
[87] (WO2014/018950)
[30] US (61/676,876) 2012-07-27

[21] **2,880,039**
[13] A1

[51] **Int.Cl. H01Q 1/28 (2006.01) H01Q 1/52 (2006.01) H01Q 15/00 (2006.01)**

[25] FR

[54] **DEVICE FOR DECOUPLING ANTENNAS, IN PARTICULAR PATCH ANTENNAS MOUNTED ON AN AIRCRAFT**

[54] **DISPOSITIF DE DECOUPLAGE ENTRE ANTENNES - NOTAMMENT DES ANTENNES PATCHS MONTEES SUR UN AERONEF**

[72] PIAU, PASCAL, FR
[72] DE LUSTRAC, ANDRE, FR
[71] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY EADSFRANCE, FR
[85] 2015-01-23
[86] 2013-07-30 (PCT/EP2013/065987)
[87] (WO2014/020016)
[30] FR (1257448) 2012-07-31

[21] **2,880,040**
[13] A1

[51] **Int.Cl. A61K 31/70 (2006.01) C07H 19/167 (2006.01)**

[25] EN

[54] **N-ALKYL 2-(DISUBSTITUTED)ALKYNYLADE NOSINE-5-URONAMIDES AS A2A AGONISTS**

[54] **UTILISATION DE N-ALKYL-2-(DISUBSTITUE)ALKYNYLADENO SINE-5-URONAMIDES COMME AGONISTES DU RECEPTEUR A2A**

[72] THOMPSON, ROBERT, US
[72] BEAUGLEHOLE, ANTHONY, US
[72] WANG, GUOQUAN, US
[71] LEWIS AND CLARK PHARMACEUTICALS, INC., US
[85] 2015-01-23
[86] 2013-07-31 (PCT/US2013/053053)
[87] (WO2014/022577)
[30] US (61/678,605) 2012-08-01
[30] US (61/787,188) 2013-03-15

[21] **2,880,041**
[13] A1

[51] **Int.Cl. D21C 11/00 (2006.01) D21C 11/10 (2006.01) D21C 11/12 (2006.01)**

[25] EN

[54] **METHOD FOR RECOVERING PULPING CHEMICALS AND REDUCING THE CONCENTRATION OF POTASSIUM AND CHLORIDE THEREIN**

[54] **PROCEDE DE RECUPERATION DE PRODUITS CHIMIQUES DE REDUCTION DU BOIS EN PATE ET REDUCTION DE LA CONCENTRATION DE POTASSIUM ET DE CHLORURE DANS CEUX-CI**

[72] BEGLEY, MICHAEL, US
[72] GALLOT, JEAN-CLAUDE, US
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES NORTH AMERICA, INC., US
[85] 2015-01-23
[86] 2013-07-03 (PCT/US2013/049293)
[87] (WO2014/018239)
[30] US (61/676,102) 2012-07-26
[30] US (13/709,140) 2012-12-10

[21] **2,880,042**
[13] A1

[51] **Int.Cl. C07C 291/04 (2006.01)**

[25] EN

[54] **CONTINUOUS PROCESS TO MAKE AMINE OXIDE**

[54] **PROCEDE CONTINU DE PRODUCTION D'OXYDE D'AMINE**

[72] PELLENS, LINDA, BE
[72] JONES, CHRISTOPHER STEPHEN, BE
[72] TANBUG, RASIM, US
[72] NUYTS, WALTER AGNES LOUIS, BE
[72] VANHOUTTE, DIEDERIK EMIEL OMER, BE
[72] SCHRINER, JOEY JAY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-23
[86] 2013-07-09 (PCT/US2013/049657)
[87] (WO2014/018249)
[30] US (61/674,977) 2012-07-24

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[21] **2,880,043**
[13] A1

[51] **Int.Cl. F25B 30/02 (2006.01) F25B 1/00 (2006.01) F25B 7/00 (2006.01)**

[25] EN

[54] **USE OF E-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE IN HEAT PUMPS**

[54] **UTILISATION DE E-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE DANS DES POMPES A CHALEUR**

[72] KONTOMARIS, KONSTANTINOS, US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2015-01-23

[86] 2013-08-01 (PCT/US2013/053119)

[87] (WO2014/022610)

[30] US (61/678,419) 2012-08-01

[21] **2,880,044**
[13] A1

[51] **Int.Cl. H02J 3/00 (2006.01) G08B 1/08 (2006.01)**

[25] EN

[54] **SYSTEM, METHOD, AND APPARATUS FOR ELECTRIC POWER GRID AND NETWORK MANAGEMENT OF GRID ELEMENTS**

[54] **SYSTEME, PROCEDE ET APPAREIL POUR UN RESEAU D'ENERGIE ELECTRIQUE ET UNE GESTION DE RESEAU DES ELEMENTS DE RESEAU**

[72] FORBES, JOSEPH W., JR., US

[71] CAUSAM ENERGY, INC., US

[85] 2015-01-23

[86] 2013-07-31 (PCT/US2013/053095)

[87] (WO2014/022596)

[30] US (13/563,535) 2012-07-31

[21] **2,880,046**
[13] A1

[51] **Int.Cl. A21B 2/00 (2006.01) A21D 6/00 (2006.01) A21D 8/02 (2006.01) A21D 8/06 (2006.01) A21D 13/00 (2006.01) F26B 3/34 (2006.01)**

[25] EN

[54] **AN IMPROVED CONTINUOUS PROCESS AND APPARATUS FOR MAKING A PITA CHIP**

[54] **PROCESSUS CONTINU ET APPAREIL AMELIORES POUR OBTENIR UNE CROUSTILLE DE PITA**

[72] BERNARD, DONALD CASIMIR, US

[72] DIERMEIER, DONNA JAN, US

[72] ELSAWY, TAMER MORAD, US

[72] JOSEPH, PONNATTU KURIAN, US

[72] MATHEW, RENU, US

[72] SAMBASHIVAN, SID, US

[72] WILLIAMS, ROGERS, US

[71] FRITO-LAY NORTH AMERICA, INC., US

[85] 2015-01-23

[86] 2013-08-01 (PCT/US2013/053285)

[87] (WO2014/022701)

[30] US (13/564,142) 2012-08-01

[21] **2,880,047**
[13] A1

[51] **Int.Cl. B32B 37/06 (2006.01)**

[25] EN

[54] **ULTRASONIC SEALING OF PACKAGES**

[54] **SCELLEMENT HERMETIQUE D'EMBALLAGES AUX ULTRASONS**

[72] CHAM, PAK MENG, US

[72] JORDAN, GLENN T. IV, US

[72] KOZMAN, AUSTIN, US

[72] FLOWERS, SEAN, US

[72] SHORT, MATTHEW, US

[71] FRITO-LAY NORTH AMERICA, INC., US

[85] 2015-01-23

[86] 2013-08-02 (PCT/US2013/053473)

[87] (WO2014/022798)

[30] US (13/565,260) 2012-08-02

[21] **2,880,048**
[13] A1

[51] **Int.Cl. C08L 33/04 (2006.01) C08L 33/08 (2006.01) C08L 33/10 (2006.01) C08L 33/12 (2006.01) C09J 4/00 (2006.01) C09J 7/00 (2006.01) C09J 7/02 (2006.01)**

[25] EN

[54] **LOW TEMPERATURE VIBRATION DAMPING PRESSURE SENSITIVE ADHESIVES AND CONSTRUCTIONS**

[54] **ADHESIFS ET CONSTRUCTIONS SENSIBLES A LA PRESSION AMORTISSEURS DE VIBRATION A BASSE TEMPERATURE**

[72] CLAPPER, JASON D., US

[72] WEIKEL, ARLIN L., US

[72] TRAN, THU-VAN T., US

[72] GRIES, DAVID A., US

[72] RENNINGER, DANIEL J., US

[72] LEWANDOWSKI, KEVIN M., US

[72] TAKAMATSU, YORINOBU, JP

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2015-01-23

[86] 2013-07-10 (PCT/US2013/049844)

[87] (WO2014/018258)

[30] US (61/675,536) 2012-07-25

[21] **2,880,056**
[13] A1

[51] **Int.Cl. H04B 7/26 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TRANSMITTING CONTROL CHANNEL IN INTRA-CELL CARRIER AGGREGATION SYSTEM**

[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE CANAL DE COMMANDE DANS UN SYSTEME D'AGREGATION DE PORTEUSES INTRACELLULAIRE**

[72] CHOI, SEUNGHOON, KR

[72] CHO, JOONYOUNG, KR

[72] KIM, YOUNGBUM, KR

[72] JI, HYOUNGJU, KR

[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2015-01-23

[86] 2013-07-25 (PCT/KR2013/006685)

[87] (WO2014/017854)

[30] KR (10-2012-0081428) 2012-07-25

[30] KR (10-2013-0014018) 2013-02-07

Demandes PCT entrant en phase nationale

[21] **2,880,058**
[13] A1

[51] **Int.Cl. G08C 17/02 (2006.01) H01H 9/02 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **WIRELESS MULTI-FUNCTION REMOTE CONTROL DEVICE**
[54] **DISPOSITIF DE TELECOMMANDE MULTIFONCTION SANS FIL**
[72] TRAN, CHI, US
[72] LEE, KOK TIONG, MY
[72] LIM, KUANG ENG, MY
[72] OOI, BENG GIAN, MY
[72] RICHARDS, SCOTT, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2015-01-23
[86] 2012-07-31 (PCT/MY2012/000219)
[87] (WO2014/021703)

[21] **2,880,063**
[13] A1

[51] **Int.Cl. C21D 8/04 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/14 (2006.01) C22C 38/18 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING HOT-ROLLED STEEL STRIP AND A STEEL STRIP PRODUCED THEREWITH**
[54] **PROCEDE PERMETTANT DE PRODUIRE UNE BANDE D'ACIER LAMINEE A CHAUD, ET BANDE D'ACIER AINSI PRODUITE**
[72] HANLON, DAVID NEAL, NL
[72] KOP, THEO ARNOLD, NL
[72] VAN BOHEMEN, STEFANUS MATHEUS CORNELIS, NL
[71] TATA STEEL IJMUIDEN B.V., NL
[85] 2015-01-23
[86] 2013-07-15 (PCT/EP2013/064938)
[87] (WO2014/019844)
[30] EP (12179148.7) 2012-08-03

[21] **2,880,064**
[13] A1

[51] **Int.Cl. A01K 1/03 (2006.01)**
[25] EN
[54] **CAGE FOR LABORATORY ANIMAL**
[54] **CAGE POUR ANIMAL DE LABORATOIRE**
[72] SEMENUK, MICHAEL, US
[71] LENDERKING CAGING PRODUCTS, US
[85] 2015-01-23
[86] 2013-07-10 (PCT/US2013/049920)
[87] (WO2014/018265)
[30] US (61/674,722) 2012-07-23

[21] **2,880,066**
[13] A1

[51] **Int.Cl. B67D 1/04 (2006.01) B67D 7/02 (2010.01) B29B 11/14 (2006.01) B29C 49/06 (2006.01) B29C 65/06 (2006.01) B65D 23/02 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **TAPPING ASSEMBLY AND CONNECTING DEVICE, AS WELL AS A CONTAINER AND METHOD FOR BEVERAGE DISPENSING**
[54] **ENSEMBLE DE SOUTIRAGE ET DISPOSITIF DE RACCORDEMENT, CONTENANT ET PROCEDE POUR LA DISTRIBUTION DE BOISSONS**
[72] WITTE, PIETER GERARD, NL
[72] PAAUWE, ARIE MAARTEN, NL
[72] BAX, BART JAN, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2015-01-23
[86] 2013-07-26 (PCT/NL2013/050554)
[87] (WO2014/017907)
[30] NL (2009234) 2012-07-26

[21] **2,880,068**
[13] A1

[51] **Int.Cl. B67D 1/04 (2006.01) B29B 11/00 (2006.01) B29C 49/00 (2006.01) B65D 23/00 (2006.01) B65D 83/00 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **CONTAINER AND SET OF PREFORMS FOR FORMING A CONTAINER**
[54] **CONTENANT ET ENSEMBLE DE PREFORMES POUR FORMER UN CONTENANT**
[72] WITTE, PIETER GERARD, NL
[72] PAAUWE, ARIE MAARTEN, NL
[72] BAX, BART JAN, NL
[72] BLOM, HAROLD MARCEL, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2015-01-23
[86] 2013-07-26 (PCT/NL2013/050555)
[87] (WO2014/017908)
[30] NL (2009235) 2012-07-26

[21] **2,880,070**
[13] A1

[51] **Int.Cl. G01V 5/12 (2006.01)**
[25] EN
[54] **METHOD FOR INSPECTING A SUBTERRANEAN TUBULAR**
[54] **PROCEDE POUR L'INSPECTION D'UN MATERIEL TUBULAIRE SOUTERRAIN**
[72] STEINMAN, DONALD K., US
[72] HERTZOG, RUSSEL, US
[72] SMAARDYK, JOHN EDWARD, US
[71] GE OIL & GAS LOGGING SERVICES, INC., US
[85] 2015-01-23
[86] 2013-07-15 (PCT/US2013/050488)
[87] (WO2014/018292)
[30] US (13/557,777) 2012-07-25

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[21] **2,880,071**
[13] A1

[51] **Int.Cl. E04H 12/08 (2006.01) E04H 12/10 (2006.01) F03D 11/04 (2006.01) E04H 12/00 (2006.01)**

[25] EN

[54] **MODULAR TOWER OF A WIND POWER PLANT**

[54] **MAT MODULAIRE D'UNE EOLIENNE**

[72] PATON, ADRIAN, DE

[72] HIRT, MARK, DE

[72] PATBERG, LOTHAR, DE

[72] BAGCI, HASAN, DE

[72] FECHTE-HEINEN, RAINER, DE

[72] DREWES, STEPHAN, DE

[72] SAVVAS, KONSTANTINOS, DE

[71] THYSSENKRUPP STEEL EUROPE AG, DE

[85] 2015-01-21

[86] 2013-07-16 (PCT/EP2013/064997)

[87] (WO2014/016166)

[30] DE (10 2012 106 772.4) 2012-07-25

[21] **2,880,072**
[13] A1

[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/24 (2006.01) F22B 37/47 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR COOLING A DOWNHOLE GAS GENERATOR**

[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT DE GENERATEUR DE GAZ DE FOND DE TROU**

[72] MCGUFFIN, ROM, US

[71] K2 TECHNOLOGIES, LLC, US

[85] 2015-01-23

[86] 2013-08-02 (PCT/US2013/053515)

[87] (WO2014/022829)

[30] US (61/679,434) 2012-08-03

[30] US (13/942,235) 2013-07-15

[21] **2,880,073**
[13] A1

[51] **Int.Cl. B64D 45/02 (2006.01) F16B 11/00 (2006.01) F16B 33/00 (2006.01) F16B 37/14 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR COVERING A FASTENER SYSTEM**

[54] **PROCEDE ET APPAREIL POUR RECOUVRIR UN SYSTEME DE DISPOSITIF DE FIXATION**

[72] ILSOP, YOON STEVEN, US

[72] EICHINGER, JEFFREY D., US

[72] PATE, KEVIN DARRELL, US

[71] THE BOEING COMPANY, US

[85] 2015-01-23

[86] 2013-08-05 (PCT/US2013/053601)

[87] (WO2014/051858)

[30] US (13/630,741) 2012-09-28

[21] **2,880,074**
[13] A1

[51] **Int.Cl. E21B 7/18 (2006.01) E21B 47/06 (2012.01)**

[25] EN

[54] **DOWNHOLE GAS GENERATOR WITH MULTIPLE COMBUSTION CHAMBERS AND METHOD OF OPERATION**

[54] **GENERATEUR DE GAZ DE FORAGE AVEC DE MULTIPLES CHAMBRES DE COMBUSTION ET PROCEDE DE FONCTIONNEMENT**

[72] MCGUFFIN, ROM, US

[71] K2 TECHNOLOGIES, LLC, US

[85] 2015-01-23

[86] 2013-08-02 (PCT/US2013/053517)

[87] (WO2014/022831)

[30] US (61/679,434) 2012-08-03

[30] US (13942235) 2013-07-15

[21] **2,880,075**
[13] A1

[51] **Int.Cl. B01J 19/10 (2006.01) C01B 3/02 (2006.01) C07C 5/09 (2006.01) C07C 9/04 (2006.01) C07C 11/04 (2006.01) C07C 11/24 (2006.01)**

[25] EN

[54] **HIGH EFFICIENCY PROCESSES FOR OLEFINS, ALKYNES, AND HYDROGEN CO-PRODUCTION FROM LIGHT HYDROCARBONS SUCH AS METHANE**

[54] **PROCEDES A HAUT RENDEMENT POUR LA COPRODUCTION D'OLEFINES, D'ALCYNES ET D'HYDROGENE A PARTIR D'HYDROCARBURES LEGERS TELS QUE LE METHANE**

[72] NEGIZ, ANTOINE, US

[72] JAMES, ROBERT B., US

[72] STEVENS, CARL J., US

[72] BARGER, PAUL T., US

[71] UOP LLC, US

[85] 2015-01-23

[86] 2013-08-12 (PCT/US2013/054469)

[87] (WO2014/031371)

[30] US (61/691,369) 2012-08-21

[21] **2,880,082**
[13] A1

[51] **Int.Cl. B64F 5/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MANUFACTURING A WING BOX**

[54] **SYSTEME ET PROCEDE POUR FABRIQUER UNE BOITE D'AILE**

[72] SISCO, FARAHNAZ TANNI, US

[72] SMITH, DANIEL R., US

[72] AQUINO, JAYSON J., US

[72] BATT, EDWARD JOHN, US

[72] BUTTRICK, JAMES N., US

[72] MICALE, ANTONIO C., US

[72] JONES, DARRELL D., US

[72] MUNK, CLAYTON L., US

[72] COUEVAS, CHRIS G., US

[72] RAMOS, MARIO, US

[72] NAMDARAN, AZITA N., US

[72] NOOR, NOMAN S., US

[72] MOTTAZ, DONALD A., US

[71] THE BOEING COMPANY, US

[85] 2015-01-23

[86] 2013-08-14 (PCT/US2013/054899)

[87] (WO2014/051868)

[30] US (61/707,360) 2012-09-28

[30] US (13/837,750) 2013-03-15

Demandes PCT entrant en phase nationale

[21] **2,880,083**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01)**

[25] EN
[54] **DEUTERATED BARICITINIB**
[54] **BARICITINIB DEUTERIE**

[72] TUNG, ROGER D., US
[71] CONCERT PHARMACEUTICALS, INC., US
[85] 2015-01-23
[86] 2013-08-15 (PCT/US2013/055170)
[87] (WO2014/028756)
[30] US (61/684,196) 2012-08-17
[30] US (61/780,661) 2013-03-13

[21] **2,880,084**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01)**

[25] EN
[54] **BI-POLAR SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL BIPOLAIRE**

[72] MARK, JOSEPH L., US
[72] KASSAM, AMIN, CA
[72] DOUGHERTY, BRIAN C., US
[71] NICO CORPORATION, US
[85] 2015-01-23
[86] 2013-08-27 (PCT/US2013/056765)
[87] (WO2014/035944)
[30] US (61/695,411) 2012-08-31
[30] US (13/975,486) 2013-08-26
[30] US (13/975,494) 2013-08-26

[21] **2,880,085**
[13] A1

[51] **Int.Cl. A61K 38/48 (2006.01) A61P 3/10 (2006.01)**

[25] EN
[54] **HUMAN TISSUE KALLIKREIN 1 GLYCOSYLATION ISOFORMS**
[54] **ISOFORMES DE GLYCOSYLATION DE LA KALLIKREINE-1 TISSULAIRE D'ORIGINE HUMAINE**

[72] CHARLES, MATTHEW, US
[72] KOLODKA, TADEUSZ, US
[72] WILLIAMS, MARK, US
[71] DIAMEDICA INC., CA
[85] 2015-01-06
[86] 2013-06-04 (PCT/CA2013/050425)
[87] (WO2013/181755)
[30] US (61/655,388) 2012-06-04
[30] US (61/789,978) 2013-03-15

[21] **2,880,086**
[13] A1

[51] **Int.Cl. A23L 3/00 (2006.01) A23K 1/00 (2006.01) A23K 1/17 (2006.01) A23K 3/00 (2006.01) A23L 1/00 (2006.01) A23L 3/3463 (2006.01) A23L 3/3517 (2006.01) A23L 3/3571 (2006.01)**

[25] EN
[54] **BACTERIOPHAGE COATED FOOD PRODUCTS**
[54] **PRODUITS ALIMENTAIRES REVETUS DE BACTERIOPHAGE**

[72] TERHAAR, ROBBERT H., US
[72] HANNA, LEIGH, US
[71] THE IAMS COMPANY, US
[85] 2015-01-23
[86] 2013-07-17 (PCT/US2013/050829)
[87] (WO2014/018327)
[30] US (13/557,828) 2012-07-25

[21] **2,880,087**
[13] A1

[51] **Int.Cl. E03D 5/02 (2006.01)**

[25] EN
[54] **TOILET DISCHARGE VALVE ASSEMBLY HAVING MOVEABLE BUOYANT FLOAT THEREIN**
[54] **ENSEMBLE DE VANNE DE DECHARGE DE TOILETTES AYANT UN FLOTTEUR FLOTTANT MOBILE A L'INTERIEUR DE CELUI-CI**

[72] LE, TUAN, US
[72] COOK, STEVE, US
[72] SAMPSON, ADAM, US
[71] FLUIDMASTER, INC., US
[85] 2015-01-23
[86] 2013-07-17 (PCT/US2013/050903)
[87] (WO2014/018342)
[30] US (61/675,642) 2012-07-25
[30] US (61/760,851) 2013-02-05
[30] US (61/775,398) 2013-03-08

[21] **2,880,088**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**

[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID**
[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE**

[72] MANN, RICHARD K., US
[72] YERKES, CARLA N., US
[72] SATCHIVI, NORBERT M., US
[72] WEIMER, MONTE R., US
[72] CARRANZA GARZON, NELSON M., CO
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051289)
[87] (WO2014/018390)
[30] US (61/675,037) 2012-07-24
[30] US (13/832,978) 2013-03-15

[21] **2,880,089**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**

[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE L'ACIDE 4-AMINO -3-CHLORO -5-FLUORO - 6- (4-CHLORO -2-FLUORO -3-METHOXYPHENYL) PYRIDINE - 2-CARBOXYLIQUE**

[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[72] SCHMITZER, PAUL R., US
[72] SATCHIVI, NORBERT M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051294)
[87] (WO2014/018391)
[30] US (61/675,043) 2012-07-24
[30] US (13/833,659) 2013-03-15

PCT Applications Entering the National Phase

[21] **2,880,090**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 37/22 (2006.01) A01N 37/34 (2006.01) A01N 43/58 (2006.01) A01N 43/66 (2006.01) A01N 43/70 (2006.01) A01N 43/707 (2006.01) A01N 43/78 (2006.01) A01N 43/82 (2006.01) A01N 43/88 (2006.01) A01N 47/30 (2006.01) A01N 47/32 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND CERTAIN PS II INHIBITORS**

[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE OU UN DERIVE DE CELUI-CI ET CERTAINS INHIBITEURS DE PS II**

[72] YERKES, CLARA N., US
[72] MANN, RICHARD K., US
[72] SCHMITZER, PAUL R., US
[72] SATCHIVI, NORBERT M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-23
[86] 2013-07-19 (PCT/US2013/051297)
[87] (WO2014/018393)
[30] US (61/675,089) 2012-07-24
[30] US (13/840,488) 2013-03-15

[21] **2,880,091**
[13] A1

[51] **Int.Cl. B25B 13/58 (2006.01) B25B 13/14 (2006.01) B25B 13/48 (2006.01)**

[25] EN

[54] **PIPE WRENCH WITH HOOK SHANK SPACER**

[54] **CLE A TUBE AYANT UN ECARTEUR DE QUEUE A CROCHET**

[72] KUNDRACIK, RICHARD M., US
[72] BOGGS, JASON, US
[72] CHARTIER, GLEN R., US
[72] GRESS, PAUL W., US
[71] EMERSON ELECTRIC CO., US
[85] 2015-01-26
[86] 2013-07-26 (PCT/US2013/052220)
[87] (WO2014/051846)
[30] US (13/626,132) 2012-09-25

[21] **2,880,092**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01) E21B 36/04 (2006.01) E21B 43/38 (2006.01)**

[25] EN

[54] **BITUMEN RECOVERY PROCESS**

[54] **PROCEDE DE RECUPERATION DE BITUME**

[72] LITTLE, LAUREEN, CA
[72] JAMES, KENNETH, CA
[72] NABATA, BOB, CA
[71] KEMEX LTD., CA
[85] 2015-01-26
[86] 2013-08-21 (PCT/CA2013/000730)
[87] (WO2014/029009)
[30] US (61/691,484) 2012-08-21

[21] **2,880,093**
[13] A1

[51] **Int.Cl. A01K 11/00 (2006.01) B29C 45/14 (2006.01) G01V 15/00 (2006.01) G06K 19/077 (2006.01) G09F 3/00 (2006.01) H04Q 5/22 (2006.01)**

[25] EN

[54] **AN ANIMAL TAG INCLUDING A TRANSPONDER CASING HOUSED IN A CARTRIDGE**

[54] **ETIQUETTE D'ANIMAUX AMELIOREE**

[72] STEINFORT, JOHN JAMES, AU
[72] SCHNEPF, KURT EDMUND, AU
[72] HENDRIKS, WILLIAM JOHN, AU
[71] ENDURO TAGS PTY LTD, AU
[85] 2015-01-26
[86] 2013-07-26 (PCT/AU2013/000832)
[87] (WO2014/015384)
[30] AU (2012903202) 2012-07-26

[21] **2,880,094**
[13] A1

[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/06 (2006.01) C02F 3/08 (2006.01) C02F 3/10 (2006.01) C02F 3/28 (2006.01) C02F 3/30 (2006.01)**

[25] EN

[54] **BIOFILM CARRIER SCREEN**

[54] **TAMIS A SUPPORT DE BIOFILM**

[72] JOSSE, JUAN CARLOS, US
[72] ROLLINGS-SCATTERGOOD, SASHA, CA
[72] THEODOULOU, MICHAEL, CA
[71] ANAERGIA INC., CA
[85] 2015-01-26
[86] 2013-07-04 (PCT/CA2013/050517)
[87] (WO2014/015426)
[30] US (61/676,131) 2012-07-26

[21] **2,880,095**
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06F 21/10 (2013.01)**

[25] EN

[54] **METHOD OF MANAGING ROLE-BASED DIGITAL RIGHTS IN A COMPUTER SYSTEM**

[54] **PROCEDE DE GESTION DE DROITS NUMERIQUES BASES SUR DES ROLES DANS UN SYSTEME INFORMATIQUE**

[72] MEUNIER, SEBASTIEN, CA
[72] BELISLE, PIERRE, CA
[72] DARTIGUES, GUY, CA
[71] CLAWD TECHNOLOGIES INC., CA
[85] 2015-01-26
[86] 2013-07-17 (PCT/CA2013/000645)
[87] (WO2014/015413)
[30] US (61/676,489) 2012-07-27

[21] **2,880,096**
[13] A1

[51] **Int.Cl. C02F 3/28 (2006.01) C02F 3/12 (2006.01) C02F 3/30 (2006.01) C02F 11/04 (2006.01) C12M 1/00 (2006.01)**

[25] EN

[54] **PARTIALLY DIVIDED ANAEROBIC TREATMENT SYSTEM**

[54] **SYSTEME DE TRAITEMENT ANAEROBIE PARTIELLEMENT DIVISE**

[72] JOSSE, JUAN CARLOS, US
[72] KUMAR, ASHWANI, CA
[71] ANAERGIA INC., CA
[85] 2015-01-26
[86] 2013-07-16 (PCT/CA2013/050550)
[87] (WO2014/015427)
[30] US (61/675,887) 2012-07-26

Demandes PCT entrant en phase nationale

[21] **2,880,097**
[13] A1

[51] **Int.Cl. A23J 1/14 (2006.01) A23J 3/14 (2006.01) A23L 1/305 (2006.01) A23L 2/66 (2006.01)**

[25] EN

[54] **PRODUCTION OF SOLUBLE PROTEIN PRODUCTS FROM HEMP ("H701")**

[54] **PRODUCTION DE PRODUITS DE PROTEINE SOLUBLES A PARTIR DE CHANVRE (« H701 »)**

[72] SCHWEIZER, MARTIN, CA

[72] GOSNELL, BRANDY, CA

[71] BURCON NUTRASCIENCE (MB) CORP., CA

[85] 2015-01-26

[86] 2013-08-01 (PCT/CA2013/000682)

[87] (WO2014/019074)

[30] US (61/678,722) 2012-08-02

[21] **2,880,098**
[13] A1

[51] **Int.Cl. C07K 14/725 (2006.01) C12N 15/12 (2006.01)**

[25] EN

[54] **ENGINEERING T-CELL RECEPTORS**

[54] **INGENIERIE DE RECEPTEURS DE LYMPHOCYTES T**

[72] SMITH, SHEENA N., US

[72] KRANZ, DAVID M., US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US

[85] 2015-01-26

[86] 2013-07-26 (PCT/US2013/052283)

[87] (WO2014/018863)

[30] US (61/676,373) 2012-07-27

[21] **2,880,099**
[13] A1

[51] **Int.Cl. A47B 13/08 (2006.01)**

[25] EN

[54] **COMPOSITE TABLE TOP STRUCTURE DE PANNEAU COMPOSITE POUR BUREAU**

[72] LENG, LUHAO, CN

[71] LENG, LUHAO, CN

[85] 2015-01-26

[86] 2013-07-19 (PCT/CN2013/079702)

[87] (WO2014/015766)

[30] CN (201210266066.6) 2012-07-27

[21] **2,880,100**
[13] A1

[51] **Int.Cl. H05H 1/24 (2006.01) E21B 43/00 (2006.01)**

[25] EN

[54] **PLASMA SOURCE FOR GENERATING NONLINEAR, WIDE-BAND, PERIODIC, DIRECTED, ELASTIC OSCILLATIONS AND A SYSTEM AND METHOD FOR STIMULATING WELLS, DEPOSITS AND BOREHOLES USING THE PLASMA SOURCE**

[54] **SOURCE DE PLASMA POUR UNE GENERATION D'OSCILLATIONS NON LINEAIRES, A LARGE BANDE, PERIODIQUES, DIRIGEES ET ELASTIQUES ET SYSTEME ET PROCEDURE DE STIMULATION DE Puits, DE DEPOTS ET DE Trous DE FORAGE A L'AIDE DE LADITE-SOURCE DE PLASMA**

[72] AGEEV, P. G., RU

[72] MOLCHANOV, A. A., RU

[71] NOVAS ENERGY GROUP LIMITED, US

[85] 2015-01-26

[86] 2013-07-26 (PCT/US2013/052295)

[87] (WO2014/018868)

[30] US (61/676,411) 2012-07-27

[30] US (61/684,988) 2012-08-20

[30] US (13/951,020) 2013-07-25

[21] **2,880,101**
[13] A1

[51] **Int.Cl. C12Q 1/28 (2006.01) G01N 33/543 (2006.01)**

[25] EN

[54] **ELECTRONIC MEASUREMENTS OF MONOLAYERS FOLLOWING HOMOGENEOUS REACTIONS OF THEIR COMPONENTS**

[54] **MESURES ELECTRONIQUES DE MONOCOUCHE SUITE A DES REACTIONS HOMOGENES DE LEURS CONSTITUANTS**

[72] BAO, YIJIA PAUL, US

[72] GAUSTAD, ADAM G., US

[71] OHMX CORPORATION, US

[85] 2015-01-26

[86] 2013-07-26 (PCT/US2013/052324)

[87] (WO2014/018886)

[30] US (61/676,641) 2012-07-27

[30] US (61/677,593) 2012-07-31

[21] **2,880,102**
[13] A1

[51] **Int.Cl. B62D 65/18 (2006.01)**

[25] EN

[54] **OVERHEAD CONVEYING DEVICE HAVING COLUMN GANTRIES**

[54] **DISPOSITIF DE TRANSPORT SURELEVE DOTE DE PORTIQUES A COLONNES**

[72] HOSKER, TORSTEN, DE

[71] HOSKER, TORSTEN, DE

[85] 2015-01-26

[86] 2013-04-17 (PCT/DE2013/000199)

[87] (WO2014/023273)

[30] DE (10 2012 214 127.8) 2012-08-09

[21] **2,880,103**
[13] A1

[51] **Int.Cl. B62D 65/18 (2006.01) B65G 41/00 (2006.01)**

[25] EN

[54] **OVERHEAD CONVEYING DEVICE HAVING A SELF-SUPPORTING SUPPORTING FRAMEWORK**

[54] **DISPOSITIF DE TRANSPORT SURELEVE COMPORTANT UNE CHARPENTE PORTEUSE AUTO-PORTEUSE**

[72] HOSKER, TORSTEN, DE

[71] HOSKER, TORSTEN, DE

[85] 2015-01-26

[86] 2013-07-24 (PCT/DE2013/000407)

[87] (WO2014/023277)

[30] DE (10 2012 214 127.8) 2012-08-09

PCT Applications Entering the National Phase

[21] **2,880,104**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) C12Q 1/37 (2006.01)**

[25] EN

[54] **ELECTRIC MEASUREMENT OF MONOLAYERS FOLLOWING PRO-CLEAVE DETECTION OF PRESENCE AND ACTIVITY OF ENZYMES AND OTHER TARGET ANALYTES**

[54] **MESURE ELECTRIQUE DE MONOCOUCHE APRES DETECTION PRO-CLIVAGE DE LA PRESENCE ET DE L'ACTIVITE D'ENZYMES ET D'AUTRES ANALYTES CIBLES**

[72] GAUSTAD, ADAM G., US

[72] AHRENS, MICHAEL J., US

[72] BERTIN, PAUL A., US

[71] OHMX CORPORATION, US

[85] 2015-01-26

[86] 2013-07-26 (PCT/US2013/052340)

[87] (WO2014/018899)

[30] US (61/676,641) 2012-07-27

[30] US (61/677,593) 2012-07-31

[30] US (61/708,301) 2012-10-01

[21] **2,880,105**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01)**

[25] EN

[54] **DETECTION OF THE ER.ALPHA./SRC/PI3K COMPLEX AS PREDICTIVE MARKER IN BREAST CANCER**

[54] **DETECTION DU COMPLEXE ERA/SRC/PI3K EN TANT QUE MARQUEUR DE PREDICTION DANS LE CANCER DU SEIN**

[72] LE ROMANECER-CHERIFI, MURIEL, FR

[72] TREDAN, OLIVIER, FR

[72] TREILLEUX, ISABELLE, FR

[71] CENTRE LEON BERARD, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR

[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR

[85] 2015-01-26

[86] 2013-07-26 (PCT/EP2013/065782)

[87] (WO2014/016401)

[30] EP (12305918.0) 2012-07-27

[30] US (61/676,418) 2012-07-27

[21] **2,880,106**
[13] A1

[51] **Int.Cl. B23Q 1/00 (2006.01) B23Q 3/10 (2006.01)**

[25] EN

[54] **INTERFACE STRUCTURE**

[54] **STRUCTURE D'INTERFACE**

[72] CANUTO, ALMERINO, IT

[71] CANUTO, ALMERINO, IT

[85] 2015-01-26

[86] 2013-04-05 (PCT/EP2013/057198)

[87] (WO2014/023442)

[30] IT (TV2012U000033) 2012-08-06

[21] **2,880,107**
[13] A1

[51] **Int.Cl. E03B 7/07 (2006.01) E03B 7/08 (2006.01) E03B 7/12 (2006.01)**

[25] EN

[54] **WATER REMOVAL STORAGE SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE STOCKAGE POUR EVACUATION D'EAU**

[72] WALSH, PHILIP, IE

[72] COFFEY, AUSTIN, IE

[72] MURPHY, NIALL, IE

[71] WATERFORD INSTITUTE OF TECHNOLOGY, IE

[85] 2015-01-26

[86] 2013-07-29 (PCT/EP2013/065936)

[87] (WO2014/016438)

[30] GB (1213421.9) 2012-07-27

[21] **2,880,108**
[13] A1

[51] **Int.Cl. A61K 31/12 (2006.01) A61K 36/00 (2006.01)**

[25] EN

[54] **USES OF COMPOSITIONS CONTAINING A ROASTED EXTRACT AND XANTHOMOL**

[54] **UTILISATIONS DE COMPOSITIONS CONTENANT UN EXTRAIT TORREFIE ET DU XANTHOMOL**

[72] BACK, WERNER, DE

[72] ZURCHER, ACHIM, CH

[72] WUNDERLICH, SASCHA, DE

[71] TA-XAN AG, DE

[85] 2015-01-26

[86] 2013-07-26 (PCT/EP2013/065804)

[87] (WO2014/016409)

[30] DE (10 2012 014 745.7) 2012-07-26

[21] **2,880,109**
[13] A1

[51] **Int.Cl. A61L 27/10 (2006.01) A61L 27/30 (2006.01)**

[25] EN

[54] **MULTI-COMPONENT JOINING OF PLASTIC PREPARATIONS IN ORDER TO PRODUCE MEDICAL DEVICES WITH FUNCTIONAL SURFACES**

[54] **ASSEMBLAGE A PLUSIEURS COMPOSANTS DE PREPARATIONS PLASTIQUES POUR LA PRODUCTION DE PRODUITS MEDICAUX COMPRENANT UNE SURFACE FONCTIONNELLE**

[72] KUNTZ, MEINHARD, DE

[71] CERAMTEC GMBH, DE

[85] 2015-01-26

[86] 2013-07-26 (PCT/EP2013/065810)

[87] (WO2014/019954)

[30] DE (10 2012 213 348.8) 2012-07-30

[21] **2,880,110**
[13] A1

[51] **Int.Cl. A61B 10/04 (2006.01)**

[25] EN

[54] **ENDOSCOPIC BIOPSY INSTRUMENT, ENDOSCOPE, AND METHOD FOR TAKING A BIOPSY SAMPLE**

[54] **INSTRUMENT DE BIOPSIE ENDOSCOPIQUE, ENDOSCOPE ET PROCEDE DE PRELEVEMENT D'UN ECHANTILLON DE BIOPSIE**

[72] WALTHER, CHARLES, SE

[71] WALTHER, CHARLES, SE

[85] 2015-01-26

[86] 2013-08-02 (PCT/EP2013/066275)

[87] (WO2014/020150)

[30] SE (1250909-7) 2012-08-03

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[21] **2,880,111**
[13] A1

[51] **Int.Cl. B01D 33/23 (2006.01)**
[25] EN
[54] **ENHANCED SHAPE SUPPORT GRID**
[54] **GRILLE DE SUPPORT DE FORME AMELIOREE**
[72] SAUL, GARTH HAYES, US
[72] NORELL, ROBERT GLEN, US
[72] BRABEC, DEAN GERALD, US
[72] SCHMITT, BENJAMIN, US
[72] VISEKRUNA, DUSAN, US
[72] EKHOLM, MICHAEL RICHARD, US
[72] EBERHARDT, EUGENE, US
[72] WOLFE, EDMUND M., US
[71] BILFINGER WATER TECHNOLOGIES, INC., US
[85] 2015-01-26
[86] 2013-07-26 (PCT/US2013/052369)
[87] (WO2014/018911)
[30] US (61/676,156) 2012-07-26
[30] US (61/809,091) 2013-04-05

[21] **2,880,112**
[13] A1

[51] **Int.Cl. B64D 37/12 (2006.01) B64D 37/00 (2006.01)**
[25] EN
[54] **VALVE FOR AN AIRCRAFT**
[54] **SOUPAPE POUR UN AERONEF**
[72] POWELL, MELVYN, GB
[71] EATON LIMITED, GB
[85] 2015-01-26
[86] 2013-07-12 (PCT/EP2013/064798)
[87] (WO2014/019833)
[30] GB (1213626.3) 2012-07-31

[21] **2,880,113**
[13] A1

[51] **Int.Cl. A23K 1/10 (2006.01) A23K 1/00 (2006.01) A23K 1/16 (2006.01) A23K 1/175 (2006.01)**
[25] EN
[54] **FEATHER BASED COMESTIBLE COMPOSITIONS AND METHODS FOR MAKING SUCH COMPOSITIONS**
[54] **COMPOSITIONS COMESTIBLES A BASE DE PLUMES ET PROCEDE DE FABRICATION DE TELLES COMPOSITIONS**
[72] WATELAIN, ANNIE, FR
[72] FERNANDES, PAULO A., FR
[72] LAVALLARD, THIERRY, FR
[71] NESTEC S.A., CH
[85] 2015-01-26
[86] 2013-08-05 (PCT/EP2013/066366)
[87] (WO2014/023684)
[30] US (61/679,988) 2012-08-06

[21] **2,880,114**
[13] A1

[51] **Int.Cl. E21C 37/12 (2006.01)**
[25] EN
[54] **HYPER-PRESSURE PULSE EXCAVATOR**
[54] **EXCAVATRICE A IMPULSIONS A HYPERPRESSION**
[72] KOLLE, JACK J., US
[71] TEMPRESS TECHNOLOGIES, INC., US
[85] 2015-01-26
[86] 2013-07-29 (PCT/US2013/052567)
[87] (WO2014/018977)
[30] US (61/676,774) 2012-07-27

[21] **2,880,116**
[13] A1

[51] **Int.Cl. E04B 9/06 (2006.01)**
[25] EN
[54] **BAR OF A SUPPORT STRUCTURE FOR A FALSE CEILING AND WORKING PROCESS FOR WORKING THE BAR**
[54] **BARRE POUR STRUCTURE DE SUPPORT DESTINEE A UN FAUX PLAFOND ET PROCEDE DE PRODUCTION DE LADITE BARRE**
[72] CIPRIANI, GIUSEPPE, IT
[71] CIPRIANI, GIUSEPPE, IT
[85] 2015-01-26
[86] 2012-07-27 (PCT/IB2012/053862)
[87] (WO2014/016648)

[21] **2,880,117**
[13] A1

[51] **Int.Cl. C07C 233/80 (2006.01) A61K 31/167 (2006.01) C07C 237/42 (2006.01)**
[25] EN
[54] **INHIBITORS OF HISTONE DEACETYLASE**
[54] **INHIBITEURS D'HISTONE-DESACETYLASES**
[72] HOLSON, EDWARD, US
[72] WAGNER, FLORENCE FEVRIER, US
[72] HAGGARTY, STEVEN, US
[72] ZHANG, YAN-LING, US
[72] LUNDH, MORTEN, DK
[72] WAGNER, BRIDGET, US
[72] LEWIS, MICHAEL, US
[71] THE BROAD INSTITUTE, INC., US
[71] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2015-01-26
[86] 2013-07-29 (PCT/US2013/052572)
[87] (WO2014/018979)
[30] US (61/676,496) 2012-07-27

[21] **2,880,120**
[13] A1

[51] **Int.Cl. H01L 31/0224 (2006.01) H01L 31/05 (2014.01) H01L 31/068 (2012.01)**
[25] EN
[54] **METHOD FOR FABRICATING A SOLAR MODULE OF REAR CONTACT SOLAR CELLS USING LINEAR RIBBON-TYPE CONNECTOR STRIPS AND RESPECTIVE SOLAR MODULE**
[54] **PROCEDE DE FABRICATION D'UN MODULE SOLAIRE DE CELLULES SOLAIRES A CONTACT ARRIERE A L'AIDE DE BANDES DE CONNECTEUR DE TYPE RUBAN LINEAIRE ET MODULE SOLAIRE RESPECTIF**
[72] ROSTAN, PHILIPP JOHANNES, DE
[72] WADE, ROBERT, DE
[72] DIESTA, NOEL GONZALES, SG
[72] SRIDHARA, SHANKAR GAURI, SG
[72] SORENG, ANDERS, SG
[71] REC SOLAR PTE. LTD., SG
[85] 2015-01-26
[86] 2013-09-10 (PCT/IB2013/001964)
[87] (WO2014/041413)
[30] GB (1216209.5) 2012-09-11
[30] US (61/699,584) 2012-09-11

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[21] **2,880,121**
[13] A1

[51] **Int.Cl. C07D 263/32 (2006.01) A61K 31/421 (2006.01) A61P 7/00 (2006.01) A61P 35/00 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **COMPOUNDS FOR USE IN THE TREATMENT OF DISORDERS THAT ARE AMELIORATED BY INHIBITION OF HDAC**

[54] **COMPOSES POUR L'UTILISATION DANS LE TRAITEMENT DE TROUBLES QUI SONT AMELIORES PAR L'INHIBITION DE HDAC**

[72] ALTAMURA, SERGIO, IT
[72] BRESCIANI, ALBERTO, IT
[72] BREVEGLIERI, GIULIA, IT
[72] FABBRINI, DANILO, IT
[72] GAMBARI, ROBERTO, IT
[72] HARPER, STEVEN, IT
[72] LAUFER, RALPH, IT
[72] MONTEAGUDO, EDITH, IT
[72] NIZI, EMANUELA, IT
[72] PACE, PAOLA, IT
[72] SUMMA, VINCENZO, IT
[71] IRBM - SCIENCE PARK S.P.A., IT
[71] C.N.C.C.S. SCARL COLLEZIONE NAZIONALE DEI COMPOSTI CHIMICI E CENTRO SCREENING, IT

[85] 2015-01-26
[86] 2013-08-07 (PCT/EP2013/066524)
[87] (WO2014/023754)
[30] IT (RM2012A000405) 2012-08-09

[21] **2,880,122**
[13] A1

[51] **Int.Cl. H01Q 3/20 (2006.01) H01Q 19/17 (2006.01)**

[25] EN

[54] **LOW COST, HIGH-PERFORMANCE, SWITCHED MULTI-FEED STEERABLE ANTENNA SYSTEM**

[54] **SYSTEME D'ANTENNE ORIENTABLE A MULTIPLES ALIMENTATIONS COMMUTEES, HAUTE PERFORMANCE ET BON MARCHE**

[72] CUCHANSKI, MICHAEL, US
[72] MCKINNON, DOUGLAS V., US
[72] TAFT, WILLIAM J., US
[72] MATYAS, GERARD J., US
[71] LOCKHEED MARTIN CORPORATION, US
[71] LOCKHEED MARTIN CORPORATION, US

[85] 2015-01-26
[86] 2013-07-29 (PCT/US2013/052575)
[87] (WO2014/022312)
[30] US (61/677,446) 2012-07-30
[30] US (13/952,559) 2013-07-26

[21] **2,880,124**
[13] A1

[51] **Int.Cl. B25J 15/00 (2006.01) B61B 12/00 (2006.01) G01N 21/952 (2006.01) H02G 1/00 (2006.01)**

[25] EN

[54] **AN APPARATUS FOR USE ON A CABLE; AND A SYSTEM FOR AND METHOD OF INSPECTING A CABLE**

[54] **APPAREIL POUR L'UTILISATION SUR UN CABLE; ET SYSTEME ET PROCEDE POUR INSPECTER UN CABLE**

[72] LORIMER, TREVOR GARETH, ZA
[72] BOJE, EDWARD SIDNEY, ZA
[71] UNIVERSITY OF KWAZULU-NATAL, ZA
[71] ESKOM HOLDINGS SOC LIMITED, ZA

[85] 2015-01-26
[86] 2013-07-29 (PCT/IB2013/056208)
[87] (WO2014/016814)
[30] ZA (2012/05693) 2012-07-27

[21] **2,880,127**
[13] A1

[51] **Int.Cl. C12P 5/02 (2006.01) C12M 1/42 (2006.01) C25B 3/04 (2006.01) C25B 9/00 (2006.01)**

[25] EN

[54] **PRODUCTION OF METHANE**

[54] **PRODUCTION DE METHANE**

[72] WOLFOWITZ, STEVEN ALAN, ZA
[71] FFGF LIMITED, VG

[85] 2015-01-26
[86] 2013-07-29 (PCT/IB2013/056215)
[87] (WO2014/016815)
[30] ZA (2012/05680) 2012-07-27
[30] ZA (2012/06901) 2012-09-14

[21] **2,880,128**
[13] A1

[51] **Int.Cl. E21B 47/008 (2012.01) E21B 47/00 (2012.01) E21B 47/12 (2012.01) G06F 19/00 (2011.01)**

[25] EN

[54] **MONITORING, DIAGNOSING AND OPTIMIZING GAS LIFT OPERATIONS**

[54] **SURVEILLANCE, DIAGNOSTIC ET OPTIMISATION D'OPERATIONS D'EXTRACTION AU GAZ**

[72] QUERALES, MAIQUEL MANUEL, US
[72] VILLAMIZAR, MIGUEL, US
[72] CARVAJAL, GUSTAVO, US
[72] VELLANKI, RAMA KRISHNA, US
[72] MORICCA, GIUSEPPE, IT
[72] CULLICK, ALVIN STANLEY, US
[72] RODRIGUEZ, JOSE, US
[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-01-26
[86] 2013-07-29 (PCT/US2013/052595)
[87] (WO2014/022320)
[30] US (61/678,069) 2012-07-31
[30] US (13/711,815) 2012-12-12

Demandes PCT entrant en phase nationale

[21] **2,880,130**
[13] A1

[51] **Int.Cl. A61F 2/28 (2006.01) A61K 33/06 (2006.01) A61K 47/48 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF BONE VOIDS AND OPEN FRACTURES**

[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE VIDES OSSEUX ET DE FRACTURES OUVERTES**

[72] EMANUEL, NOAM, IL
[71] POLYPID LTD., IL
[85] 2015-01-26
[86] 2013-08-01 (PCT/IL2013/050657)
[87] (WO2014/020610)
[30] US (61/678,655) 2012-08-02
[30] US (61/739,792) 2012-12-20
[30] US (61/778,791) 2013-03-13

[21] **2,880,131**
[13] A1

[51] **Int.Cl. G01R 31/40 (2014.01) G01R 19/155 (2006.01) G01R 31/42 (2006.01) H02H 3/253 (2006.01) H02M 7/08 (2006.01)**

[25] EN

[54] **TWELVE-PULSE AUTOTRANSFORMER RECTIFIER UNITS**

[54] **UNITES DE REDRESSEUR AUTOTRANSFORMATEUR A DOUZE IMPULSIONS**

[72] POLLARD, BRIAN, GB
[72] RAMACHANDRAN, SIVANEHRU, GB
[71] EATON LIMITED, GB
[85] 2015-01-26
[86] 2013-07-12 (PCT/EP2013/064799)
[87] (WO2014/019834)
[30] GB (1213543.0) 2012-07-30

[21] **2,880,132**
[13] A1

[51] **Int.Cl. F23C 5/08 (2006.01) F23C 13/00 (2006.01)**

[25] EN

[54] **PROCESS AND APPARATUS FOR ENDOTHERMIC REACTIONS**

[54] **PROCEDE ET APPAREIL POUR REACTIONS ENDOTHERMIQUES**

[72] CANCES, JULIEN, FR
[72] CAMY-PEYRET, FREDERIC, FR
[72] LABEGORRE, BERNARD, FR
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2015-01-26
[86] 2013-08-14 (PCT/EP2013/066998)
[87] (WO2014/040815)
[30] EP (12184303.1) 2012-09-13

[21] **2,880,133**
[13] A1

[51] **Int.Cl. B64C 29/00 (2006.01)**

[25] EN

[54] **VERTICAL-TAKEOFF AIRCRAFT**

[54] **AERONEF DECOLLANT A LA VERTICALE**

[72] HESSELBARTH, JONATHAN, DE
[71] HESSELBARTH, JONATHAN, DE
[85] 2015-01-26
[86] 2013-07-19 (PCT/EP2013/065361)
[87] (WO2014/016226)
[30] DE (10 2012 106 869.0) 2012-07-27

[21] **2,880,134**
[13] A1

[51] **Int.Cl. B65F 5/00 (2006.01) B65F 1/12 (2006.01) B65F 1/14 (2006.01) B65G 53/36 (2006.01) B65G 53/60 (2006.01)**

[25] EN

[54] **METHOD FOR HANDLING MATERIAL IN A MATERIAL CONVEYING SYSTEM, MATERIAL CONVEYING SYSTEM AND A SEPARATING DEVICE FOR A MATERIAL CONVEYING SYSTEM**

[54] **PROCEDE POUR MANIPULER UN MATERIAU DANS UN SYSTEME DE TRANSPORT DE MATERIAU, SYSTEME DE TRANSPORT DE MATERIAU ET DISPOSITIF SEPRE POUR UN SYSTEME DE TRANSPORT DE MATERIAU**

[72] SUNDHOLM, GORAN, FI
[71] MARICAP OY, FI
[85] 2015-01-27
[86] 2013-03-12 (PCT/FI2013/050271)
[87] (WO2014/029903)
[30] FI (20125870) 2012-08-22

[21] **2,880,135**
[13] A1

[51] **Int.Cl. A61M 16/04 (2006.01)**

[25] EN

[54] **COMPRESSIBLE CONNECTOR FOR AN INNER CANNULA**

[54] **RACCORD COMPRESSIBLE POUR CANULE INTERIEURE**

[72] BRUGGEMAN, MARTIN, IE
[72] RYAN, JAMES, IE
[72] KIERNAN, DECLAN, IE
[72] FINNERAN, ALAN, IE
[71] COVIDIEN LP, US
[85] 2015-01-26
[86] 2013-07-31 (PCT/US2013/052867)
[87] (WO2014/022479)
[30] US (13/565,273) 2012-08-02

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[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **METHOD FOR ISOLATING RNA INCLUDING SMALL RNA WITH HIGH YIELD**
[54] **METHODE D'ISOLEMENT D'ARN COMPRENANT UN PETIT ARN AVEC UN RENDEMENT ELEVE**
[72] SCHLUMBERGER, MARTIN, DE
[72] SCHROER, STEFANIE, DE
[72] HOLLANDER, VERA, DE
[71] QIAGEN GMBH, DE
[85] 2015-01-26
[86] 2013-09-03 (PCT/EP2013/068197)
[87] (WO2014/033326)
[30] EP (12182741.4) 2012-09-03
[30] US (61/696,244) 2012-09-03

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[13] A1

[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) A61B 5/117 (2006.01) A61B 5/1455 (2006.01) G06K 9/00 (2006.01) G06K 9/20 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **REMOTE MONITORING OF VITAL SIGNS**
[54] **SURVEILLANCE A DISTANCE DE SIGNES VITAUX**
[72] CLIFTON, DAVID ANDREW, GB
[72] MONTOYA, MAURICIO CHRISTIAN VILLARROEL, GB
[72] TARASSENKO, LIONEL, GB
[71] ISIS INNOVATION LIMITED, GB
[85] 2015-01-27
[86] 2012-08-16 (PCT/GB2012/052004)
[87] (WO2013/027027)
[30] GB (1114406.0) 2011-08-22

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[51] **Int.Cl. E04G 5/16 (2006.01) E04G 1/06 (2006.01) E04G 1/15 (2006.01) E04G 5/02 (2006.01) E04G 7/30 (2006.01) E04G 7/34 (2006.01)**
[25] EN
[54] **MODULAR PLATFORM**
[54] **PLATEFORME MODULAIRE**
[72] BAINES, GURDIP SINGH, GB
[71] THREE G METAL FABRICATIONS LIMITED, GB
[85] 2015-01-27
[86] 2012-10-15 (PCT/GB2012/052554)
[87] (WO2013/054143)
[30] GB (1117717.7) 2011-10-13
[30] GB (1200560.9) 2012-01-13
[30] GB (1216020.6) 2012-09-07

[21] **2,880,141**
[13] A1

[51] **Int.Cl. C08J 5/24 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL WITH POLYAMIDE PARTICLES**
[54] **MATERIAU COMPOSITE COMPRENANT DES PARTICULES DE POLYAMIDE**
[72] WANG, YEN-SEINE, US
[72] BOYLE, MAUREEN, US
[71] HEXCEL CORPORATION, US
[85] 2015-01-26
[86] 2013-08-01 (PCT/US2013/053301)
[87] (WO2014/035598)
[30] US (13/594,819) 2012-08-26

[21] **2,880,142**
[13] A1

[51] **Int.Cl. A23L 1/236 (2006.01)**
[25] EN
[54] **SWEETENER CRYSTALS AND METHOD OF MAKING**
[54] **CRISTAUX D'EDULCORANT ET PROCEDE DE FABRICATION**
[72] LIAO, SHYHYUAN, US
[72] PANARISI, JOSEPH R., JR., US
[71] MCNEIL NUTRITIONALS, LLC, US
[85] 2015-01-26
[86] 2013-08-02 (PCT/US2013/053377)
[87] (WO2014/028243)
[30] US (61/682,456) 2012-08-13

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[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **WOUND DRESSING**
[54] **PANSEMENT**
[72] ALLEN, JULIE, GB
[72] ASKEM, BEN ALAN, GB
[72] COLLINSON, SARAH JENNY, GB
[72] MEHTA, STEVEN CARL, GB
[72] GOWANS, PHILIP, GB
[72] NICOLINI, DEREK, GB
[72] RUSSELL, MARK, GB
[72] ZAGRABSKI, CAROL, US
[71] SMITH & NEPHEW PLC, GB
[85] 2015-01-27
[86] 2013-07-31 (PCT/IB2013/002060)
[87] (WO2014/020440)
[30] US (61/678,569) 2012-08-01
[30] US (61/753,374) 2013-01-16
[30] US (61/753,878) 2013-01-17
[30] US (61/785,054) 2013-03-14
[30] US (61/823,298) 2013-05-14

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[13] A1

[51] **Int.Cl. C08F 283/02 (2006.01) B29B 7/42 (2006.01) B32B 27/36 (2006.01) C08L 51/08 (2006.01) C09J 151/08 (2006.01)**
[25] FR
[54] **PLA POLYMER COMPOSITION**
[54] **COMPOSITION DE POLYMERES A BASE DE PLA**
[72] QUINEBECHE, SEBASTIEN, FR
[72] FLAT, JEAN-JACQUES, FR
[71] ARKEMA FRANCE, FR
[85] 2015-01-26
[86] 2013-07-11 (PCT/FR2013/051666)
[87] (WO2014/023884)
[30] FR (1257724) 2012-08-09

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[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR THE NON-DESTRUCTIVE TESTING OF A BLADE PREFORM**
[54] **PROCEDE DE CONTROLE NON DESTRUCTIF D'UNE PREFORME D'AUBE**
[72] MAROLLE, PHILIPPE, FR
[72] LEROYER, BERTRAND PIERRE MARTIN, FR
[72] LEONETTI, CLAUDE, FR
[71] SNECMA, FR
[85] 2015-01-26
[86] 2013-08-01 (PCT/FR2013/051868)
[87] (WO2014/020288)
[30] FR (1257613) 2012-08-03

[21] **2,880,146**
[13] A1

[51] **Int.Cl. F01D 17/16 (2006.01) F02K 3/06 (2006.01)**
[25] FR
[54] **TURBOMACHINE COMPRISING A PLURALITY OF FIXED RADIAL BLADES MOUNTED UPSTREAM OF THE FAN**
[54] **TURBOMACHINE COMPORTANT UNE PLURALITE D'AUBES RADIALES FIXES MONTEES EN AMONT DE LA SOUFFLANTE**
[72] LECORDIX, JEAN-LOIC HERVE, FR
[71] SNECMA, FR
[85] 2015-01-26
[86] 2013-07-29 (PCT/FR2013/051818)
[87] (WO2014/023891)
[30] FR (1257742) 2012-08-09

[21] **2,880,147**
[13] A1

[51] **Int.Cl. B22F 3/105 (2006.01) B22F 7/08 (2006.01) C23C 28/00 (2006.01) C23C 30/00 (2006.01) F01D 5/20 (2006.01) F01D 11/12 (2006.01)**
[25] FR
[54] **ABRADABLE COATING MADE OF A MATERIAL HAVING A LOW SURFACE ROUGHNESS**
[54] **REVETEMENT EN MATERIAU ABRADABLE A FAIBLE RUGOSITE DE SURFACE**
[72] PODGORSKI, MICHAEL, FR
[72] LE BIEZ, PHILIPPE CHARLES A., FR
[72] MOLLIEUX, LUDOVIC E.C., FR
[72] SELEZNEFF, SERGE, FR
[71] SNECMA, FR
[85] 2015-01-26
[86] 2013-08-05 (PCT/FR2013/051888)
[87] (WO2014/023906)
[30] FR (1257657) 2012-08-07

[21] **2,880,148**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **WOUND DRESSING AND METHOD OF TREATMENT**
[54] **PANSEMENT ET METHODE DE TRAITEMENT**
[72] ALLEN, JULIE, GB
[72] ASKEM, BEN ALAN, GB
[72] COLLINSON, SARAH JENNY, GB
[72] MEHTA, STEVEN CARL, GB
[72] GOWANS, PHILIP, GB
[72] NICOLINI, DEREK, GB
[72] ZAGRABSKI, CAROL, US
[71] SMITH & NEPHEW PLC, GB
[85] 2015-01-27
[86] 2013-07-31 (PCT/IB2013/002102)
[87] (WO2014/020443)
[30] US (61/678,569) 2012-08-01
[30] US (61/753,374) 2013-01-16
[30] US (61/753,878) 2013-01-17
[30] US (61/785,054) 2013-03-14

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[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/12 (2006.01)**
[25] EN
[54] **FUEL CELL, AND FUEL CELL STACK**
[54] **PILE A COMBUSTIBLE, ET EMPILEMENT DE PILES A COMBUSTIBLE**
[72] HOTTA, NOBUYUKI, JP
[72] TANIMURA, RYOJI, JP
[72] MIZUNO, ATSUSHI, JP
[72] MORIKAWA, TETSUYA, JP
[71] NGK SPARK PLUG CO., LTD., JP
[85] 2015-01-26
[86] 2013-07-25 (PCT/JP2013/004530)
[87] (WO2014/017097)
[30] JP (2012-166612) 2012-07-27

[21] **2,880,150**
[13] A1

[51] **Int.Cl. B65D 21/02 (2006.01)**
[25] EN
[54] **CONTAINER FOR LIQUIDS**
[54] **RECIPIENT POUR LIQUIDES**
[72] HANSSSEN, HUBERT JOSEPH FRANS, NL
[71] EUROKEG B.V., NL
[85] 2015-01-26
[86] 2013-07-22 (PCT/EP2013/065440)
[87] (WO2014/016261)
[30] EP (12178370.8) 2012-07-27

[21] **2,880,151**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **SOYBEAN CCP1 PROMOTER AND ITS USE IN CONSTITUTIVE EXPRESSION OF TRANSGENIC GENES IN PLANTS**
[54] **PROMOTEUR CCP1 DU SOJA ET SON UTILISATION DANS L'EXPRESSION CONSTITUTIVE DE GENES TRANSGENIQUES CHEZ DES PLANTES**
[72] LI, ZHONGSEN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-01-26
[86] 2013-08-07 (PCT/US2013/053910)
[87] (WO2014/025860)
[30] US (61/681,759) 2012-08-10

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[13] A1

[51] **Int.Cl. A23K 1/14 (2006.01) A01G 33/00 (2006.01) A23L 1/30 (2006.01) A23L 1/337 (2006.01) A61K 36/02 (2006.01)**

[25] EN

[54] **METHOD AND INSTALLATION FOR MAKING SEAWEED MEAL**

[54] **PROCEDE ET INSTALLATION DE PRODUCTION DE FARINE D'ALGUES**

[72] DI TOMMASO, DONATA, IT
[72] DE FLAVIIS, MAURO, IT
[72] GJERDE, HEGE, NO
[71] ALGEA AS, NO
[85] 2015-01-26
[86] 2013-07-30 (PCT/IB2013/001701)
[87] (WO2014/020423)
[30] IT (RM2012A000388) 2012-08-03

[21] **2,880,153**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/12 (2006.01)**

[25] EN

[54] **FUEL CELL, AND FUEL CELL STACK**

[54] **PILE A COMBUSTIBLE, ET EMPILEMENT DE PILES A COMBUSTIBLE**

[72] HOTTA, NOBUYUKI, JP
[72] TANIMURA, RYOJI, JP
[72] MIZUNO, ATSUSHI, JP
[72] MORIKAWA, TETSUYA, JP
[71] NGK SPARK PLUG CO., LTD., JP
[85] 2015-01-27
[86] 2013-07-25 (PCT/JP2013/004529)
[87] (WO2014/017096)
[30] JP (2012-166611) 2012-07-27

[21] **2,880,154**
[13] A1

[51] **Int.Cl. H04B 10/2507 (2013.01) H04B 10/69 (2013.01)**

[25] EN

[54] **METHOD OF CHARACTERIZING IMPAIRMENTS DETECTED BY EQUALIZATION ON A CHANNEL OF A NETWORK**

[54] **PROCEDE DE CARACTERISATION DE DEGRADATIONS DETECTEES PAR UNE EGALISATION SUR UN CANAL D'UN RESEAU**

[72] THOMPSON, ROBERT J., US
[72] MOORE, CHARLES S., US
[72] MORAN, JOHN L., US
[72] MORRISSETTE, MARC L., US
[71] ARRIS ENTERPRISES, INC., US
[85] 2015-01-27
[86] 2013-07-30 (PCT/US2013/052757)
[87] (WO2014/022415)
[30] US (13/562,261) 2012-07-30

[21] **2,880,155**
[13] A1

[51] **Int.Cl. A61B 17/122 (2006.01) A61B 17/128 (2006.01)**

[25] EN

[54] **POLYMER OVERMOLDED BARIATRIC CLAMP AND METHOD OF INSTALLING**

[54] **CLAMP BARIATRIQUE SURMOULE POLYMERE ET PROCEDE D'INSTALLATION**

[72] ARMENTEROS, JESUS R., DM
[72] JACOBS, MOISES, US
[72] FRENCH, KENNETH C., US
[71] ADVANCED BARIATRIC TECHNOLOGY, LLC, US
[85] 2015-01-26
[86] 2013-08-09 (PCT/US2013/054435)
[87] (WO2014/026170)
[30] US (61/681,601) 2012-08-09
[30] US (61/798,128) 2013-03-15

[21] **2,880,156**
[13] A1

[51] **Int.Cl. A61M 5/168 (2006.01) A61G 99/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **PATIENT CARE SYSTEM FOR CRITICAL MEDICATIONS**

[54] **SYSTEME DE SOINS DE PATIENTS POUR MEDICATION CRITIQUE**

[72] DAY, WILLIAM K., US
[71] HOSPIRA, INC., US
[85] 2015-01-27
[86] 2013-07-31 (PCT/US2013/052937)
[87] (WO2014/022513)
[30] US (61/677,736) 2012-07-31
[30] US (13/955,121) 2013-07-31

[21] **2,880,157**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) C12N 5/071 (2010.01) A61F 2/04 (2013.01) A61L 27/14 (2006.01)**

[25] EN

[54] **REINFORCED PLACENTAL TISSUE GRAFTS AND METHODS OF MAKING AND USING THE SAME**

[54] **GREFFES DE TISSU PLACENTAIRE RENFORCEES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**

[72] KOOB, THOMAS J., US
[72] TOFE, ROBERT, US
[72] CHEN, ELIZABETH, US
[71] MIMEDX GROUP, INC., US
[85] 2015-01-26
[86] 2013-08-14 (PCT/US2013/055003)
[87] (WO2014/028657)
[30] US (61/683,699) 2012-08-15
[30] US (61/808,171) 2013-04-03

[21] **2,880,158**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**

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[54] **CAPSULE FOR THE PREPARATION OF BEVERAGES**

[54] **CAPSULE POUR LA PREPARATION DE BOISSONS**

[72] ZANETTI, FABRIZIO, IT
[71] HAUSBRANDT TRIESTE 1892 SPA, IT
[85] 2015-01-27
[86] 2013-07-24 (PCT/IB2013/056058)
[87] (WO2014/020491)
[30] IT (TV2012A000146) 2012-07-30

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[13] A1

[51] **Int.Cl. B27N 3/06 (2006.01) B05C 19/04 (2006.01) B27M 3/04 (2006.01) B32B 21/12 (2006.01) B44C 5/04 (2006.01) E04F 15/10 (2006.01)**

[25] EN

[54] **SINGLE LAYER SCATTERING OF POWDER SURFACES**

[54] **DISPERSION MONOCOUCHE DE POUDRES DE SURFACE**

[72] PERVAN, DARKO, SE

[71] VALINGE FLOORING TECHNOLOGY AB, SE

[85] 2015-01-27

[86] 2013-08-08 (PCT/SE2013/050957)

[87] (WO2014/025309)

[30] SE (1250920-4) 2012-08-09

[30] US (61/681,279) 2012-08-09

[21] **2,880,160**
[13] A1

[51] **Int.Cl. B32B 3/30 (2006.01) H01M 8/02 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL-CELL GASKET, FUEL-CELL BONDED ASSEMBLY, AND SHEET-MEMBER BONDING METHOD**

[54] **FEUILLE LIEE ET PROCEDE DE LIAISON D'ELEMENT EN FEUILLE**

[72] YAMAMOTO, MASAYA, JP

[72] HORIBE, NORIFUMI, JP

[72] ONO, KEI, JP

[72] TOYOSHIMA, KENICHI, JP

[72] TERASAKI, TAKAYUKI, JP

[71] NISSAN MOTOR CO., LTD., JP

[85] 2015-01-27

[86] 2013-06-24 (PCT/JP2013/067279)

[87] (WO2014/017235)

[30] JP (2012-167134) 2012-07-27

[21] **2,880,161**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**

[25] EN

[54] **CAPSULE FOR PREPARING BEVERAGES**

[54] **CAPSULES POUR PREPARER DES BOISSONS**

[72] ZANETTI, FABRIZIO, IT

[71] HAUSBRANDT TRIESTE 1892 SPA, IT

[85] 2015-01-27

[86] 2013-07-24 (PCT/IB2013/056059)

[87] (WO2014/020492)

[30] IT (TV2012A000147) 2012-07-30

[21] **2,880,162**
[13] A1

[51] **Int.Cl. C12N 9/16 (2006.01) A61K 38/46 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **DEPHOSPHORYLATED LYSOSOMAL STORAGE DISEASE PROTEINS AND METHODS OF USE THEREOF**

[54] **PROTEINES DE MALADIE DE STOCKAGE LYSOSOMAL DEPHOSPHORYLEES ET LEURS PROCEDES D'UTILISATION**

[72] VITALIS, TIMOTHY Z., CA

[72] GABATHULER, REINHARD, CA

[71] BIOASIS TECHNOLOGIES, INC., CA

[85] 2015-01-27

[86] 2013-07-31 (PCT/US2013/052939)

[87] (WO2014/022515)

[30] US (61/677,959) 2012-07-31

[21] **2,880,163**
[13] A1

[51] **Int.Cl. C07C 209/90 (2006.01) C07C 211/27 (2006.01)**

[25] EN

[54] **STABILIZATION OF ONE-POT METHAMPHETAMINE SYNTHESIS SYSTEMS**

[54] **STABILISATION DE SYSTEMES DE SYNTHESE DE LA METHAMPHETAMINE EN ENCEINTE UNIQUE**

[72] LEECH, RONALD L., US

[71] ACURA PHARMACEUTICALS, INC., US

[85] 2015-01-27

[86] 2013-07-31 (PCT/US2013/052986)

[87] (WO2014/022541)

[30] US (61/678,381) 2012-08-01

[21] **2,880,165**
[13] A1

[51] **Int.Cl. C07D 207/36 (2006.01) A61K 31/4015 (2006.01) A61K 31/403 (2006.01) A61K 31/437 (2006.01) A61K 31/438 (2006.01) A61K 31/4412 (2006.01) A61K 31/4418 (2006.01) A61K 31/443 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/4704 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61P 7/06 (2006.01) A61P 43/00 (2006.01) C07D 209/54 (2006.01) C07D 211/90 (2006.01) C07D 215/56 (2006.01) C07D 221/20 (2006.01) C07D 223/14 (2006.01) C07D 401/06 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/06 (2006.01) C07D 409/06 (2006.01) C07D 409/10 (2006.01) C07D 413/06 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01) C07D 417/06 (2006.01) C07D 417/10 (2006.01) C07D 417/12 (2006.01)**

[21] **2,880,164**
[13] A1

[51] **Int.Cl. E04G 21/12 (2006.01) E04C 5/08 (2006.01)**

[25] EN

[54] **PREGROUTED PC STEEL MATERIAL AND METHOD FOR HARDENING PREGROUT LAYER THEREOF**

[54] **MATERIAU D'ACIER A ENDUIT PRE-INJECTE POUR BETON PRECONTRAIN ET PROCEDE DE DURCISSEMENT DE SA COUCHE D'ENDUIT DE PRE-JOINTOIEMENT**

[72] SAIKI, TAKAHIDE, JP

[72] YAMADA, MASATO, JP

[72] TOUDA, YOSHIHIKO, JP

[72] ICHIKI, TAKASHI, JP

[72] MATSUSHITA, KIMINORI, JP

[72] OSHIMA, KATSUHIITO, JP

[72] SUGAWARA, JUN, JP

[72] NAKAJIMA, SHINGO, JP

[72] MAEDA, SHUHEI, JP

[71] SUMITOMO (SEI) STEEL WIRE CORP., JP

[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP

[85] 2015-01-26

[86] 2013-07-05 (PCT/JP2013/068495)

[87] (WO2014/021056)

[30] JP (2012-169376) 2012-07-31

[21] **2,880,165**
[13] A1

[51] **Int.Cl. C07D 207/36 (2006.01) A61K 31/4015 (2006.01) A61K 31/403 (2006.01) A61K 31/437 (2006.01) A61K 31/438 (2006.01) A61K 31/4412 (2006.01) A61K 31/4418 (2006.01) A61K 31/443 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/4704 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61P 7/06 (2006.01) A61P 43/00 (2006.01) C07D 209/54 (2006.01) C07D 211/90 (2006.01) C07D 215/56 (2006.01) C07D 221/20 (2006.01) C07D 223/14 (2006.01) C07D 401/06 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/06 (2006.01) C07D 409/06 (2006.01) C07D 409/10 (2006.01) C07D 413/06 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01) C07D 417/06 (2006.01) C07D 417/10 (2006.01) C07D 417/12 (2006.01)**

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<p>C07D 471/10 (2006.01) C07D 491/107 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)</p> <p>[25] EN</p> <p>[54] PARTIALLY SATURATED NITROGEN-CONTAINING HETEROCYCLIC COMPOUND</p> <p>[54] COMPOSE HETEROCYCLIQUE CONTENANT DE L'AZOTE PARTIELLEMENT SATURE</p> <p>[72] TAKAYAMA, TETSUO, JP [72] SHIBATA, TSUYOSHI, JP [72] SHIOZAWA, FUMIYASU, JP [72] KAWABE, KENICHI, JP [72] SHIMIZU, YUKI, JP [72] HAMADA, MAKOTO, JP [72] HIRATATE, AKIRA, JP [72] TAKAHASHI, MASATO, JP [72] USHIYAMA, FUMIHITO, JP [72] OI, TAKAHIRO, JP [72] SHIRASAKI, YOSHIHISA, JP [72] MATSUDA, DAISUKE, JP [72] KOIZUMI, CHIE, JP [72] KATO, SOTA, JP [71] TAISHO PHARMACEUTICAL CO., LTD., JP [85] 2015-01-27 [86] 2013-07-29 (PCT/JP2013/070522) [87] (WO2014/021281) [30] JP (2012-168828) 2012-07-30</p>	<p style="text-align: right;">[21] 2,880,167 [13] A1</p> <p>[51] Int.Cl. C08F 8/04 (2006.01) C08F 110/14 (2006.01)</p> <p>[25] EN</p> <p>[54] CATALYTIC OLIGOMERIZATION OF OCTENES</p> <p>[54] OLIGOMERISATION CATALYTIQUE D'OCTENES</p> <p>[72] GHOSH, RAJSHEKHAR, IN [72] BANDYOPADHYAY, ASHIS RANJAN, IN [72] JASRA, RAKSHVIR, IN [71] RELIANCE INDUSTRIES LIMITED, IN [85] 2015-01-27 [86] 2013-07-12 (PCT/IN2013/000431) [87] (WO2014/033736) [30] IN (2174/MUM/2012) 2012-07-30</p>	<p style="text-align: right;">[21] 2,880,170 [13] A1</p> <p>[51] Int.Cl. C08B 31/00 (2006.01)</p> <p>[25] FR</p> <p>[54] METHOD FOR THE REACTIVE EXTRUSION OF AN AMYLACEOUS MATERIAL IN THE PRESENCE OF A POLYPHOSPHATE SERVING AS A CROSS-LINKING AGENT, RESULTING PRODUCTS, AND USES THEREOF</p> <p>[54] PROCEDE D'EXTRUSION REACTIVE DE MATIERE AMYLACEE EN PRESENCE DE POLYPHOSPHATE COMME AGENT RETICULANT, PRODUITS OBTENUS ET LEURS UTILISATIONS</p> <p>[72] PARCQ, JULIEN, FR [72] SAINT-LOUP, RENE, FR [72] WIATZ, VINCENT, FR [71] ROQUETTE FRERES, FR [85] 2015-01-26 [86] 2013-07-30 (PCT/FR2013/051831) [87] (WO2014/020274) [30] FR (12 57436) 2012-07-31</p>
<p style="text-align: right;">[21] 2,880,166 [13] A1</p> <p>[51] Int.Cl. C09K 8/588 (2006.01) E21B 43/22 (2006.01)</p> <p>[25] EN</p> <p>[54] ENVIRONMENTALLY BENEFICIAL RECYCLING OF BRINES IN THE PROCESS OF REDUCING FRICTION RESULTING FROM TURBULENT FLOW</p> <p>[54] RECYCLAGE RESPECTUEUX DE L'ENVIRONNEMENT DE SAUMURES DANS LE PROCEDE DE REDUCTION DE FROTTEMENT RESULTANT D'UN ECOULEMENT TURBULENT</p> <p>[72] PERRY, HOUSTON P., US [72] MUELLER, BRIAN L., US [71] ECOLAB USA INC., US [85] 2015-01-26 [86] 2013-08-16 (PCT/US2013/055274) [87] (WO2014/028804) [30] US (61/684,520) 2012-08-17</p>	<p style="text-align: right;">[21] 2,880,168 [13] A1</p> <p>[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01) G06F 19/00 (2011.01)</p> <p>[25] EN</p> <p>[54] BLOOD GLUCOSE METER FOR IMPROVING GLUCOSE MANAGEMENT THROUGH MODELING OF CIRCADIAN PROFILES</p> <p>[54] GLUCOMETRE POUR AMELIORER LA GESTION DE GLUCOSE PAR LA MODELISATION DE PROFILS CIRCADIEUS</p> <p>[72] ALBISSER, ANTHONY MICHAEL, US [72] IDE, LUCIENNE MARIE, US [71] RIMIDI DIABETES, INC., US [85] 2015-01-26 [86] 2013-07-25 (PCT/US2013/052142) [87] (WO2014/018806) [30] US (13/559,552) 2012-07-26</p>	<p style="text-align: right;">[21] 2,880,171 [13] A1</p> <p>[51] Int.Cl. H04W 48/12 (2009.01) H04W 48/16 (2009.01) H04W 48/18 (2009.01)</p> <p>[25] EN</p> <p>[54] COMMUNICATION SYSTEM, NODE APPARATUS, COMMUNICATION METHOD AND PROGRAM</p> <p>[54] SYSTEME DE COMMUNICATION, APPAREIL DE NŒUD, PROCEDE ET PROGRAMME</p> <p>[72] TAMURA, TOSHIYUKI, JP [72] TAKANO, YUSUKE, JP [71] NEC CORPORATION, JP [85] 2015-01-26 [86] 2013-07-26 (PCT/JP2013/070319) [87] (WO2014/017630) [30] JP (2012-167234) 2012-07-27</p>
<p style="text-align: right;">[21] 2,880,169 [13] A1</p> <p>[51] Int.Cl. A41D 1/08 (2006.01) A41D 27/00 (2006.01) A44B 18/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SPORTING APPAREL</p> <p>[54] VETEMENT DE SPORT</p> <p>[72] VALLES, PEDRO, US [71] RESPECT YOUR UNIVERSE, INC., US [85] 2015-01-27 [86] 2012-08-01 (PCT/US2012/049236) [87] (WO2013/019909) [30] US (61/514,474) 2011-08-02</p>		

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[21] **2,880,172**
[13] A1

[51] **Int.Cl. B62B 3/02 (2006.01)**
[25] EN
[54] **A MODULAR DOLLY ASSEMBLY & CASTOR ASSEMBLY**
[54] **ENSEMBLE DE CHARIOT MODULAIRE ET ENSEMBLE DE ROULETTES**
[72] BUTTAZZONI, LUCA, US
[72] BERNAL, ANDRES, US
[71] BUTTAZZONI, LUCA, US
[85] 2015-01-27
[86] 2013-06-26 (PCT/US2013/047770)
[87] (WO2014/004608)
[30] US (13/533,874) 2012-06-26
[30] US (13/755,542) 2013-01-31

[21] **2,880,173**
[13] A1

[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/04 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CUTTING INSERT WITH A STOPPER SURFACE**
[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE AYANT UNE SURFACE D'ARRET**
[72] HECHT, GIL, IL
[71] ISCAR LTD., IL
[85] 2015-01-26
[86] 2013-06-25 (PCT/IL2013/050536)
[87] (WO2014/016822)
[30] US (13/556,966) 2012-07-24

[21] **2,880,174**
[13] A1

[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/34 (2006.01) A61K 8/73 (2006.01) A61K 9/08 (2006.01) A61K 31/513 (2006.01) A61K 47/10 (2006.01) A61K 47/38 (2006.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR AGENT FOR EXTERNAL USE**
[54] **COMPOSITION POUR UN AGENT POUR UNE UTILISATION EXTERNE**
[72] IDA, TOMOKO, JP
[72] IDEURA, SAORI, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[85] 2015-01-26
[86] 2013-07-25 (PCT/JP2013/070144)
[87] (WO2014/017573)
[30] JP (2012-166882) 2012-07-27

[21] **2,880,175**
[13] A1

[51] **Int.Cl. B65D 47/18 (2006.01) A61F 9/00 (2006.01)**
[25] FR
[54] **LIQUID DISPENSING HEAD, IN PARTICULAR FOR A BOTTLE FOR PACKAGING A LIQUID TO BE DISPENSED DROP BY DROP**
[54] **TETE DE DISTRIBUTION DE LIQUIDE, NOTAMMENT POUR FLACON DE CONDITIONNEMENT D'UN LIQUIDE A DISTRIBUER GOUTTE A GOUTTE**
[72] DEFEMME, ALAIN, FR
[72] MERCIER, FABRICE, FR
[71] LABORATOIRES THEA, FR
[85] 2015-01-26
[86] 2013-08-06 (PCT/IB2013/001728)
[87] (WO2014/024029)
[30] FR (12/02192) 2012-08-06

[21] **2,880,176**
[13] A1

[51] **Int.Cl. B01J 47/12 (2006.01) B01J 49/00 (2006.01) C02F 1/42 (2006.01) F24H 9/00 (2006.01)**
[25] EN
[54] **ION EXCHANGER, WATER TREATMENT DEVICE PROVIDED WITH SAME, AND HOT WATER SUPPLY DEVICE**
[54] **ECHANGEUR D'IONS, DISPOSITIF DE TRAITEMENT D'EAU DOTE DE CELUI-CI ET DISPOSITIF D'ALIMENTATION EN EAU CHAUDE**
[72] UNO, KATSUHIKO, JP
[72] SANO, MITSUHIRO, JP
[72] NAKATA, YUJI, JP
[72] YAMADA, MUNETO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2015-01-26
[86] 2013-12-06 (PCT/JP2013/007174)
[87] (WO2014/091726)
[30] JP (2012-273171) 2012-12-14
[30] JP (2013-116805) 2013-06-03

[21] **2,880,177**
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) F03B 3/04 (2006.01) F03B 3/12 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR**
[54] **ROTOR**
[72] LIU, HAO, JP
[72] FUJII, TAKEO, JP
[71] TERAL INC., JP
[85] 2015-01-26
[86] 2014-05-28 (PCT/JP2014/002824)
[87] (WO2014/192297)
[30] JP (2013-112137) 2013-05-28

[21] **2,880,178**
[13] A1

[51] **Int.Cl. C07D 209/08 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61P 9/10 (2006.01) A61P 13/04 (2006.01) A61P 13/12 (2006.01) A61P 19/02 (2006.01) A61P 19/06 (2006.01) C07D 231/56 (2006.01) C07D 401/06 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 409/06 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **DIFLUOROMETHYLENE COMPOUND**
[54] **COMPOSE DE DIFLUOROMETHYLENE**
[72] NAGAI, KEITA, JP
[72] BABA, MOTOAKI, JP
[72] FUJIOKA, SHINICHI, JP
[72] NAGASAWA, KOH, JP
[72] TAKAHASHI, HIROBUMI, JP
[72] KONDOH, ERI, JP
[72] SOGO, SACHIE, JP
[72] TANAKA, KENICHI, JP
[72] ITOH, YOSHIKI, JP
[71] SATO PHARMACEUTICAL CO., LTD., JP
[85] 2015-01-26
[86] 2013-07-26 (PCT/JP2013/070359)
[87] (WO2014/017643)
[30] JP (2012-166658) 2012-07-27

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[21] **2,880,179**
[13] A1

[51] **Int.Cl. C10M 141/12 (2006.01) C10M 129/10 (2006.01) C10M 133/12 (2006.01) C10M 133/40 (2006.01) C10M 137/04 (2006.01) C10M 137/06 (2006.01) C10M 139/00 (2006.01)**

[25] EN

[54] **LUBRICANT OIL COMPOSITION AND METHOD FOR LUBRICATING SLIDING MATERIAL WHILE PREVENTING ELUTION OF COPPER AND LEAD**

[54] **COMPOSITION D'HUILE LUBRIFIANTE, ET PROCEDE DE LUBRIFICATION DE MATIERE DE GLISSEMENT TOUT EN EMPECHANT L'ELUTION DE CUIVRE ET DE PLOMB**

[72] YAGISHITA, KAZUHIRO, JP

[71] JK NIPPON OIL & ENERGY CORPORATION, JP

[85] 2015-01-26

[86] 2013-06-07 (PCT/JP2013/065819)

[87] (WO2014/017182)

[30] JP (2012-167686) 2012-07-27

[30] JP (2012-167687) 2012-07-27

[30] JP (2012-167688) 2012-07-27

[21] **2,880,180**
[13] A1

[51] **Int.Cl. C12J 1/00 (2006.01)**

[25] EN

[54] **PREPARATION OF A POWDERED VINEGAR**

[54] **PREPARATION D'UN VINAIGRE EN POUDRE**

[72] BOEREFIJN, RENEE, NL

[72] ORLOVIC, MARIJA, NL

[72] VAN DER VOORT MAARSCHALK, KEES, NL

[71] PURAC BIOCHEM B.V., NL

[85] 2015-01-26

[86] 2013-07-31 (PCT/NL2013/050573)

[87] (WO2014/021719)

[30] EP (12178789.9) 2012-08-01

[30] US (61/678,133) 2012-08-01

[21] **2,880,181**
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/31 (2006.01) C12N 15/52 (2006.01)**

[25] EN

[54] **RECOMBINANT MICROORGANISM HAVING ENHANCED BUTANOL PRODUCING ABILITY AND METHOD FOR PRODUCING BUTANOL USING THE SAME**

[54] **MICRO-ORGANISME RECOMBINE AYANT UNE CAPACITE ACCRUE POUR PRODUIRE DU BUTANOL, ET PROCEDE DE PRODUCTION DE BUTANOL UTILISANT LEDIT MICRO-ORGANISME**

[72] LEE, SANG-HYUN, KR

[72] EOM, MOON-HO, KR

[71] GS CALTEX CORPORATION, KR

[85] 2015-01-26

[86] 2013-03-11 (PCT/KR2013/001951)

[87] (WO2014/021533)

[30] KR (10-2012-0083547) 2012-07-30

[21] **2,880,182**
[13] A1

[51] **Int.Cl. A45C 3/06 (2006.01) A45C 13/00 (2006.01) A45C 13/02 (2006.01)**

[25] EN

[54] **INTERCHANGEABLE POCKET SYSTEM FOR HANDBAGS**

[54] **SYSTEME DE POCHE INTERCHANGEABLE POUR SACS A MAIN**

[72] JOHNSON, CHRISTY ANNE, US

[72] OSTERMAN, BRANDI LYNN, US

[71] JEWELL LLC, US

[85] 2015-01-26

[86] 2013-08-21 (PCT/US2013/055973)

[87] (WO2014/031739)

[30] US (13/592,459) 2012-08-23

[21] **2,880,183**
[13] A1

[51] **Int.Cl. F24D 19/10 (2006.01) F16K 11/02 (2006.01) F16K 31/122 (2006.01) F24D 3/02 (2006.01) F24D 12/02 (2006.01)**

[25] EN

[54] **SYSTEM, MODULE AND VALVE FOR DOMESTIC HOT WATER HEATERS**

[54] **SYSTEME, MODULE ET ROBINET POUR CHAUFFE-EAUX DOMESTIQUES**

[72] BERNARDO, LUIS RICARDO PANTOJA COUTINHO, SE

[72] DAVIDSON, HENRIK ANDREAS, SE

[72] LARSSON, STEFAN, SE

[71] EFFICAXENERGY AB, SE

[85] 2015-01-26

[86] 2013-07-30 (PCT/SE2013/000121)

[87] (WO2014/027936)

[30] SE (1250902-2) 2012-07-30

[30] US (61/742,658) 2012-08-16

[21] **2,880,184**
[13] A1

[51] **Int.Cl. H01M 10/42 (2006.01)**

[25] EN

[54] **AQUEOUS REDOX FLOW BATTERIES COMPRISING METAL LIGAND COORDINATION COMPOUNDS**

[54] **BATTERIES REDOX AQUEUSES COMPRENANT DES COMPOSES DE COORDINATION METAL-LIGAND**

[72] AMADEO, DESIREE, US

[72] ESSWEIN, ARTHUR J., US

[72] GOELTZ, JOHN, US

[72] JARVI, THOMAS D., US

[72] KING, EVAN R., US

[72] REECE, STEVEN Y., US

[72] TYAGI, NITIN, US

[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US

[85] 2015-01-27

[86] 2013-07-23 (PCT/US2013/051606)

[87] (WO2014/018495)

[30] US (61/676,473) 2012-07-27

[30] US (61/683,260) 2012-08-15

[30] US (61/738,546) 2012-12-18

[30] US (61/739,145) 2012-12-19

[30] US (13/795,878) 2013-03-12

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[21] **2,880,185**
[13] A1

[51] **Int.Cl. B65D 49/02 (2006.01) B65D 49/04 (2006.01) B65D 49/10 (2006.01)**
[25] EN
[54] **ANTI-REFILL DISPENSING FITMENT FOR A CONTAINER**
[54] **ACCESSOIRE DE DISTRIBUTION ANTI-REMPLISSAGE POUR UN RECIPIENT**
[72] KELLOGG, SHAWN ERIC, US
[72] SMITH, ROGER P., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2015-01-26
[86] 2013-08-29 (PCT/US2013/057226)
[87] (WO2014/042883)
[30] US (13/621,584) 2012-09-17

[21] **2,880,186**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) B32B 37/16 (2006.01) B65G 57/00 (2006.01) B65G 57/03 (2006.01) B65G 57/16 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **FILM MEMBER STACKING DEVICE AND METHOD OF THE SAME**
[54] **DISPOSITIF DE STRATIFICATION D'ELEMENT EN FORME DE FILM ET SON PROCEDE**
[72] ONO, KEI, JP
[72] YAMAMOTO, MASAYA, JP
[72] HORIBE, NORIFUMI, JP
[72] TOYOSHIMA, KENICHI, JP
[72] TERASAKI, TAKAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2015-01-26
[86] 2013-06-20 (PCT/JP2013/066957)
[87] (WO2014/021016)
[30] JP (2012-168968) 2012-07-30

[21] **2,880,187**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01)**
[25] EN
[54] **STEAM EFFICIENCY WITH NON DEPLETIVE CONDENSING AND ADIABATIC SOLVENT HEATING**
[54] **RENDEMENT DE VAPEUR AVEC CONDENSATION NON DEPLETIVE ET ECHAUFFEMENT ADIABATIQUE DE SOLVENT**
[72] JOHNSON, DENNIS W., US
[72] BROWN, JAMES H., US
[72] PEEPLES, JON, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2015-01-26
[86] 2012-07-26 (PCT/US2012/048394)
[87] (WO2014/018046)

[21] **2,880,188**
[13] A1

[51] **Int.Cl. F17D 5/02 (2006.01) F16L 55/26 (2006.01) F17D 3/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INSPECTING AND MONITORING A PIPELINE**
[54] **SYSTEMES ET PROCEDES D'INSPECTION ET DE SURVEILLANCE D'UN PIPELINE**
[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] ABNEY, LAURENCE JAMES, NO
[72] JONES, CHRISTOPHER MICHAEL, US
[72] MACLENNAN, JAMES ROBERT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-26
[86] 2013-09-09 (PCT/US2013/058718)
[87] (WO2014/043017)
[30] US (13/616,676) 2012-09-14

[21] **2,880,189**
[13] A1

[51] **Int.Cl. B01D 11/02 (2006.01) A61K 8/02 (2006.01) A61K 8/21 (2006.01) A61K 8/25 (2006.01) A61K 8/37 (2006.01) A61K 8/55 (2006.01) A61K 8/60 (2006.01) A61K 8/91 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ORAL CARE MATERIAL TASTE AND/OR ODOR IMPROVEMENT**
[54] **PROCEDE D'AMELIORATION DU GOUT ET/OU DE L'ODEUR D'UNE SUBSTANCE POUR L'HYGIENE BUCCALE**
[72] HOKE, STEVEN HAMILTON, II, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] LEI, QINGXIN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-26
[86] 2013-02-01 (PCT/US2013/024357)
[87] (WO2014/021933)
[30] US (61/678,942) 2012-08-02

[21] **2,880,190**
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **NEW METHOD AND ARRANGEMENT FOR FEEDING CHEMICALS INTO A HYDROFRACTURING PROCESS AND OIL AND GAS APPLICATIONS**
[54] **PROCEDE ET AGENCEMENT POUR ALIMENTER UN TRAITEMENT D'HYDROFRACTURATION EN SUBSTANCES CHIMIQUES ET APPLICATIONS DANS LE DOMAINE DU PETROLE ET DU GAZ**
[72] KEIZER, TIMOTHY S., US
[72] JACOBSON, TOMMY, FI
[71] NALCO COMPANY, US
[85] 2015-01-26
[86] 2013-09-27 (PCT/US2013/062124)
[87] (WO2014/055339)
[30] US (13/645,671) 2012-10-05

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[21] **2,880,191**
[13] A1

[51] **Int.Cl. C07H 15/04 (2006.01) A61K 31/7028 (2006.01) A61P 3/10 (2006.01) A61P 11/06 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01)**

[25] EN

[54] **ORGANIC COMPOUNDS COMPOSES ORGANIQUES**

[72] COMPTON, BENJAMIN JASON, NZ

[72] HAYMAN, COLIN MALCOLM, NZ

[72] HERMANS, IAN FRANCIS, NZ

[72] LARSEN, DAVID SAMUEL, NZ

[72] PAINTER, GAVIN FRANK, NZ

[72] ANDERSON, REGAN JAMES, NZ

[71] CALLAGHAN INNOVATION RESEARCH LIMITED, NZ

[71] COMPTON, BENJAMIN JASON, NZ

[71] HAYMAN, COLIN MALCOLM, NZ

[71] HERMANS, IAN FRANCIS, NZ

[71] LARSEN, DAVID SAMUEL, NZ

[71] PAINTER, GAVIN FRANK, NZ

[71] ANDERSON, REGAN JAMES, NZ

[85] 2015-01-26

[86] 2013-07-26 (PCT/NZ2013/000133)

[87] (WO2014/017928)

[30] NZ (601473) 2012-07-26

[21] **2,880,192**
[13] A1

[51] **Int.Cl. A61F 2/32 (2006.01)**

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[54] **METHOD AND DEVICE FOR JOINT REPLACEMENT PROCEDE ET DISPOSITIF POUR REMPLACEMENT D'ARTICULATION**

[72] BIRMINGHAM, PATRICK M., US

[71] BIRMINGHAM, PATRICK M., US

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[86] 2013-07-23 (PCT/US2013/051611)

[87] (WO2014/018497)

[30] US (61/676,041) 2012-07-26

[30] US (13/943,862) 2013-07-17

[21] **2,880,193**
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[51] **Int.Cl. H01M 4/13 (2010.01) H01M 8/00 (2006.01)**

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[54] **REDOX FLOW BATTERIES COMPRISING MATCHED IONOMER MEMBRANES BATTERIES REDOX COMPORTANT DES MEMBRANES IONOMERES CONCORDANTES**

[72] AMADEO, DESIREE, US

[72] ESSWEIN, ARTHUR J., US

[72] GOELTZ, JOHN, US

[72] JARVI, THOMAS D., US

[72] KING, EVAN R., US

[72] REECE, STEVEN Y., US

[72] TYAGI, NITIN, US

[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US

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[86] 2013-07-24 (PCT/US2013/051767)

[87] (WO2014/018589)

[30] US (61/676,473) 2012-07-27

[30] US (61/683,260) 2012-08-15

[30] US (61/738,546) 2012-12-18

[30] US (61/739,140) 2012-12-19

[30] US (61/739,145) 2012-12-19

[30] US (13/795,878) 2013-03-12

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[51] **Int.Cl. C07C 215/20 (2006.01) C07C 213/00 (2006.01)**

[25] EN

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[72] YE, WENFA, CN

[72] ZHENG, HUI, CN

[72] QIAN, LINGFENG, CN

[72] WEI, JUNHUI, CN

[72] YANG, LIJUN, CN

[72] LI, YUNGUANG, CN

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[71] NOVARTIS AG, CH

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[86] 2013-09-02 (PCT/CN2013/082817)

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[30] CN (201210317827.6) 2012-08-31

[30] CN (PCT/CN2013/079565) 2013-07-18

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[13] A1

[51] **Int.Cl. B60D 1/48 (2006.01)**

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[54] **ADJUSTABLE RECEIVER STRUCTURE STRUCTURE DE RECEPTEUR REGLABLE**

[72] EICHMANN, MARTY W. (DECEASED), US

[71] EICHMANN, DALIAN, US

[85] 2015-01-26

[86] 2013-07-24 (PCT/US2013/051803)

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[30] US (61/741,813) 2012-07-26

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**

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[72] YANG, SHENGYONG, CN

[72] WEI, YUQUAN, CN

[71] GUANGXI WUZHOU PHARMACEUTICALS (GROUP) CO., LTD., CN

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[86] 2013-03-05 (PCT/CN2013/072185)

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[30] CN (201210264034.2) 2012-07-27

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[13] A1

[51] **Int.Cl. C23F 13/06 (2006.01) C23F 13/10 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **GALVANIC ANODE AND METHOD OF CORROSION PROTECTION**
[54] **ANODE GALVANIQUE ET PROCEDE DE PROTECTION CONTRE LA CORROSION**
[72] GOODWIN, FREDERICK R., US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2015-01-27
[86] 2013-07-18 (PCT/EP2013/065179)
[87] (WO2014/019863)
[30] US (61/677,164) 2012-07-30

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **PREDICTION OF TREATMENT RESPONSE TO JAK/STAT INHIBITOR**
[54] **PREDICTION DE LA REPONSE A UN TRAITEMENT PAR UN INHIBITEUR DE JAK/STAT**
[72] CAO, ALEXANDER, US
[72] MORRISSEY, MICHAEL, US
[72] SONKIN, DMITRIY, US
[72] PALMER, MICHAEL, US
[71] NOVARTIS AG, CH
[85] 2015-01-26
[86] 2013-07-24 (PCT/US2013/051824)
[87] (WO2014/018632)
[30] US (61/676,484) 2012-07-27
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[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 8/00 (2006.01) B01J 21/06 (2006.01) B01J 21/08 (2006.01) B01J 23/75 (2006.01) B01J 23/89 (2006.01) B01J 35/00 (2006.01) B01J 37/02 (2006.01) C10G 2/00 (2006.01)**
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[54] **PROCEDE FISCHER-TROPSCH DANS UN REACTEUR A MICRO-CANAUX**
[72] LEVINNESS, STEPHEN CLAUDE, US
[72] DALY, FRANCIS, US
[72] RICHARD, LAURA, GB
[72] RUGMINI, SREEKALA, IN
[71] VELOCYS, INC., US
[85] 2015-01-26
[86] 2013-09-11 (PCT/US2013/059142)
[87] (WO2014/026204)
[30] GB (1214122.2) 2012-08-07
[30] US (61/716,772) 2012-10-22
[30] US (13/802,921) 2013-03-14

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[13] A1

[51] **Int.Cl. C12N 13/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **EXTRACTS ISOLATED FROM ELECTROPORATED AMBIBIAN OOCYTES AND USE THEREOF IN TREATING DISEASES AND DISORDERS**
[54] **EXTRAITS ISOLES A PARTIR D'OVOCYTES D'AMPHIBIEN ELECTROPORES ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES OU DE TROUBLES**
[72] PAYLIAN, SERGEI, US
[71] BIOQUARK, INC., US
[85] 2015-01-26
[86] 2013-07-24 (PCT/US2013/051871)
[87] (WO2014/018663)
[30] US (61/741,822) 2012-07-27

[21] **2,880,201**
[13] A1

[51] **Int.Cl. B05B 7/24 (2006.01)**
[25] EN
[54] **VENT ASSEMBLY AND RESERVOIRS INCLUDING THE SAME**
[54] **ENSEMBLE D'EVENETS ET RESERVOIRS COMPRENANT CET ENSEMBLE**
[72] MULVANEY, CLAUDIA M., US
[72] DUNCAN, BRIAN E., US
[72] SILTBERG, DANIEL E., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2013-07-25 (PCT/US2013/051953)
[87] (WO2014/018710)
[30] US (61/676,392) 2012-07-27

[21] **2,880,202**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **IMPROVED GLUCOSE MANAGEMENT THROUGH MODELING OF CIRCADIAN PROFILES**
[54] **GESTION AMELIOREE DU GLUCOSE PAR MODELISATION DE PROFILS CIRCADIENS**
[72] ALBISSER, ANTHONY MICHAEL, US
[72] IDE, LUCIENNE MARIE, US
[71] RIMIDI DIABETES, INC., US
[85] 2015-01-26
[86] 2013-07-25 (PCT/US2013/052118)
[87] (WO2014/018788)
[30] US (13/559,556) 2012-07-26

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **IMPROVED GLUCOSE MANAGEMENT THROUGH CLOUD-BASED MODELING OF CIRCADIAN PROFILES**
[54] **GESTION AMELIOREE DU GLUCOSE PAR MODELISATION EN NUAGE DE PROFILS CIRCADIENS**
[72] ALBISSER, ANTHONY MICHAEL, US
[72] IDE, LUCIENNE MARIE, US
[71] RIMIDI DIABETES, INC., US
[85] 2015-01-26
[86] 2013-07-25 (PCT/US2013/052131)
[87] (WO2014/018797)
[30] US (13/559,547) 2012-07-26

[21] **2,880,216**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G01G 19/414 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE ADAPTED TO PRACTICE SIMULATED EATING**
[54] **METHODE ET DISPOSITIF CONCUS POUR S'ENTRAINER A LA PRATIQUE D'UNE ALIMENTATION SIMULEE**
[72] BERGH, CECILIA, SE
[72] SODERSTEN, PER, SE
[72] LOAKEIMIDIS, LOANNIS, SE
[71] MANDOMETER AB, SE
[85] 2014-12-12
[86] 2013-06-24 (PCT/SE2013/000103)
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[21] **2,880,217**
[13] A1

[51] **Int.Cl. B66C 19/00 (2006.01) B65G 47/90 (2006.01) B66C 17/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR MOVING SLABS AND STOR PROVIDED WITH SUCH AN APPARATUS**
[54] **APPAREIL DE DEPLACEMENT DE PLAQUES ET STOCKAGE AVEC UN TEL APPAREIL**
[72] TONCELLI, DARIO, IT
[71] TONCELLI, DARIO, IT
[85] 2014-12-11
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[30] IT (TV2012A000116) 2012-06-13

[21] **2,880,218**
[13] A1

[51] **Int.Cl. A61L 2/07 (2006.01)**
[25] EN
[54] **SATURATED STEAM STERILIZATION DEVICE AND PROCESS HAVING IMPROVED STERILIZATION RELIABILITY**
[54] **DISPOSITIF DE STERILISATION A LA VAPEUR SATUREE ET PROCEDE ASSURANT UNE FIABILITE DE STERILISATION AMELIOREE**
[72] PEDRAZZI, MILTON E., US
[71] PEDRAZZI, MILTON E., US
[85] 2015-01-22
[86] 2013-07-29 (PCT/US2013/000176)
[87] (WO2014/021921)
[30] US (61/741,923) 2012-07-30

[21] **2,880,219**
[13] A1

[51] **Int.Cl. B07B 1/18 (2006.01) B07B 1/46 (2006.01)**
[25] EN
[54] **TROMMEL ASSEMBLY**
[54] **ENSEMBLE DE CRIBLE A TAMBOUR**
[72] PAUL, BISWADEEP, IN
[72] KOLEY, DEBASHIS, IN
[72] MOHARANA, TANMAY, IN
[72] CHAUDHARY, GOPI CHARAN, IN
[71] TEGA INDUSTRIES LIMITED, IN
[85] 2015-01-23
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[87] (WO2014/024204)
[30] IN (890/KOL/2012) 2012-08-06

[21] **2,880,220**
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **ROBOTIC SURGICAL DEVICES, SYSTEMS AND RELATED METHODS**
[54] **DISPOSITIFS CHIRURGICAUX ROBOTIQUES, SYSTEMES ET PROCEDES APPARENTES**
[72] FARRITOR, SHANE, US
[72] MUMM, ERIK, US
[72] CHU, PHILIP, US
[72] KUMAR, NISHANT, US
[72] DUMPERT, JASON, US
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[87] (WO2013/052137)
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[21] **2,880,221**
[13] A1

[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **SHIPPING CAP FOR FIRE PROTECTION SPRINKLER**
[54] **BOUCHON D'EXPEDITION POUR EXTINCTEUR D'INCENDIE**
[72] OLDHAM, MICHAEL J., US
[71] THE VIKING CORPORATION, US
[85] 2015-01-23
[86] 2013-04-30 (PCT/US2013/038756)
[87] (WO2014/058479)
[30] US (13/647,038) 2012-10-08

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[13] A1

[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **FIRE PROTECTION SPRINKLER SUPPORT SYSTEM**
[54] **SYSTEME SUPPORT DE GICLEUR DE PROTECTION CONTRE LE FEU**
[72] FEENSTRA, SHAWN J., US
[71] THE VIKING CORPORATION, US
[85] 2015-01-23
[86] 2013-06-05 (PCT/US2013/044230)
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[30] US (13/625,303) 2012-09-24

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[13] A1

[51] **Int.Cl. B01D 47/10 (2006.01)**
[25] EN
[54] **CAPTURE AND RECOVERY SYSTEM FOR GASES AND PARTICLES**
[54] **SYSTEME DE CAPTURE ET DE RECUPERATION DE GAZ ET DE PARTICULES**
[72] MORALES OVIEDO, HERIBERTO ORIEL, CL
[71] MORALES OVIEDO, HERIBERTO ORIEL, CL
[85] 2015-01-21
[86] 2013-08-02 (PCT/CL2013/000050)
[87] (WO2014/019101)
[30] CL (2186-2012) 2012-08-03

[21] **2,880,225**
[13] A1

[51] **Int.Cl. G08B 27/00 (2006.01) G08B 21/10 (2006.01) G08B 31/00 (2006.01)**
[25] EN
[54] **LOCATION BASED EVENT NOTIFICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE NOTIFICATION D'EVENEMENTS BASES SUR UN EMPLACEMENT**
[72] PAINTER, ROBERT, US
[71] CASSIDIAN COMMUNICATIONS, INC., US
[85] 2015-01-26
[86] 2013-07-26 (PCT/US2013/052385)
[87] (WO2014/018921)
[30] US (13/559,434) 2012-07-26

[21] **2,880,227**
[13] A1

[51] **Int.Cl. B01D 21/00 (2006.01) B01D 35/06 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OIL SANDS TAILINGS TREATMENT**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DES RESIDUS DE SABLES BITUMINEUX**
[72] ALVAREZ-VAZQUEZ, HECTOR, CA
[71] XOGEN TECHNOLOGIES INC., CA
[85] 2015-01-27
[86] 2012-07-27 (PCT/CA2012/050513)
[87] (WO2013/016821)
[30] US (61/513,040) 2011-07-29

[21] **2,880,224**
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **PATIENT INTERFACE AND METHOD FOR MAKING SAME**
[54] **INTERFACE PATIENT ET SON PROCEDE DE PRODUCTION**
[72] WELLS, ALICIA KRISTIANNE, AU
[72] EDWARDS, CRAIG DAVID, AU
[72] SHANMUGA SUNDARA, SHIVA KUMAR, AU
[72] LEE, MURRAY WILLIAM, AU
[72] HASKARD, KIRRILY MICHELE, AU
[72] BARBARA, ANTHONY PAUL, AU
[72] WAGNER, STEWART JOSEPH, AU
[72] TAN, CHIA IK, AU
[72] MAY, FREDERICK ARLET, AU
[72] GOLDSPINK, LACHLAN RICHARD, AU
[72] FORRESTER, MARTIN, CA
[72] JOURDAN, RALPH, DE
[71] RESMED LIMITED, AU
[85] 2015-01-27
[86] 2013-07-26 (PCT/AU2013/000830)
[87] (WO2014/015382)
[30] US (61/676,456) 2012-07-27
[30] AU (2012903504) 2012-08-15
[30] AU (2012904378) 2012-10-08
[30] AU (2013900132) 2013-01-16
[30] AU (2013900133) 2013-01-16
[30] NZ (605907) 2013-01-16
[30] NZ (605908) 2013-01-16
[30] AU (2013900168) 2013-01-18
[30] US (61/817,674) 2013-04-30
[30] US (61/823,192) 2013-05-14
[30] US (61/837,521) 2013-06-20
[30] AU (2013902305) 2013-06-24
[30] US (61/839,916) 2013-06-27

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[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01N 63/02 (2006.01) C07K 14/225 (2006.01)**
[25] EN
[54] **NOVEL INSECTICIDAL PROTEINS AND METHODS FOR THEIR USE**
[54] **NOUVELLES PROTEINES INSECTICIDES ET LEURS PROCEDES D'UTILISATION**
[72] ALTIER, DANIEL J., US
[72] BARRY, JENNIFER K., US
[72] HENDRICK, CAROL A., US
[72] LIU, LU, US
[72] PATTEN, PHILLIP A., US
[72] PEREZ-ORTEGA, CLAUDIA D., US
[72] SCHEPERS, ERIC J., US
[72] XIE, WEIPING, US
[72] YALPANI, NASSER, US
[72] ZHAO, JIANZHOU, US
[72] ZHONG, XIAOHONG, US
[72] ZHU, GENHAI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DUPONT DE NEMOURS & COMPANY, US
[85] 2015-01-26
[86] 2013-07-26 (PCT/US2013/052254)
[87] (WO2014/018853)
[30] US (61/675,950) 2012-07-26
[30] US (61/739,468) 2012-12-19
[30] US (61/779,457) 2013-03-13

[21] **2,880,228**
[13] A1

[51] **Int.Cl. B29C 73/02 (2006.01) B60S 5/04 (2006.01)**
[25] EN
[54] **INTEGRATED SUPPLYING APPARATUS FOR GAS AND SIZING**
[54] **DISPOSITIF DE FOURNITURE DE GAZ ET DE MATERIAU DE CALIBRAGE INTEGRE**
[72] HONG, DAVID, CN
[71] ACTIVE TOOLS INTERNATIONAL (HK) LTD., CN
[85] 2015-01-27
[86] 2012-07-31 (PCT/CN2012/079451)
[87] (WO2014/019149)

[21] **2,880,229**
[13] A1

[51] **Int.Cl. G01C 11/00 (2006.01) G03B 37/04 (2006.01)**
[25] EN
[54] **INFRASTRUCTURE MAPPING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CARTOGRAPHIE D'INFRASTRUCTURE**
[72] SMITHERMAN, CHESTER L., US
[72] MCCOY, JOSEPH, US
[72] TILLEY, JAMES, US
[72] BARO, MOHAN, US
[71] VISUAL INTELLIGENCE, LP, US
[85] 2015-01-27
[86] 2013-07-26 (PCT/US2013/052278)
[87] (WO2014/031284)
[30] US (13/590,735) 2012-08-21

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[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING MULTIPLE MAILING SERVICES ORDERS OF VARYING QUANTITIES AND ADDRESS LISTS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE MULTIPLES COMMANDES DE SERVICES DE PUBLIPOSTAGE DE QUANTITES VARIABLES ET DE LISTES D'ADRESSE**
[72] ARPINO, DANIEL, US
[72] SHEEHAN, ROBERT, US
[72] TANNER, MARC, US
[72] SHEA, BRENDAN, US
[72] HYMAN, JACOB, US
[72] GRIEGO, ADRIAN, US
[72] NIETLISPACH, PHILIP, US
[72] MARCOS, JOHN, US
[72] OLSON, BRIAN, US
[71] VISTAPRINT SCHWEIZ GMBH, CH
[85] 2015-01-21
[86] 2013-07-19 (PCT/US2013/051185)
[87] (WO2014/028170)
[30] US (13/588,624) 2012-08-17

[21] **2,880,231**
[13] A1

[51] **Int.Cl. B61B 13/04 (2006.01) B65G 35/06 (2006.01)**
[25] EN
[54] **TRANSPORT DEVICE FOR TRANSPORTING OBJECTS IN A CIRCULATING MANNER**
[54] **DISPOSITIF DE TRANSPORT CIRCULAIRE D'OBJETS**
[72] ZOCCO, CARMELO, IT
[71] MACHINES HIGHEST MECHATRONIC GMBH, AT
[85] 2015-01-26
[86] 2013-07-24 (PCT/EP2013/065658)
[87] (WO2014/016356)
[30] DE (20 2012 007 288.9) 2012-07-27

[21] **2,880,232**
[13] A1

[51] **Int.Cl. C07D 231/56 (2006.01) A61K 31/416 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **PYRAZOLE CARBOXAMIDE COMPOUNDS, COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSES PYRAZOLE CARBOXAMIDES, COMPOSITIONS ET PROCEDES D'UTILISATION**
[72] BROOKFIELD, FREDERICK, GB
[72] BURCH, JASON, US
[72] GOLDSMITH, RICHARD A., US
[72] HU, BAIHUA, US
[72] LAU, KEVIN HON LUEN, US
[72] MACKINNON, COLIN H., GB
[72] ORTWINE, DANIEL FRED, US
[72] PEI, ZHONGHUA, US
[72] WU, GUOSHENG, CN
[72] YUEN, PO-WAI, US
[72] ZHANG, YAMIN, CN
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-27
[86] 2013-08-09 (PCT/CN2013/081136)
[87] (WO2014/023258)
[30] US (61/682,063) 2012-08-10
[30] US (61/764,434) 2013-02-13
[30] US (61/764,930) 2013-02-14

[21] **2,880,233**
[13] A1

[51] **Int.Cl. F03B 13/16 (2006.01)**
[25] EN
[54] **WAVE ENERGY CONVERTER DESIGN INCORPORATING AN INDUCTION GENERATOR**
[54] **STRUCTURE DE CONVERTISSEUR D'ENERGIE HOULOMOTRICE INCORPORANT UNE GENERATRICE A INDUCTION**
[72] FRANKLIN, BARRIE, CA
[71] FRANKLIN, BARRIE, CA
[85] 2015-01-27
[86] 2013-09-30 (PCT/CA2013/050742)
[87] (WO2014/078954)
[30] US (13/683,677) 2012-11-21

[21] **2,880,234**
[13] A1

[51] **Int.Cl. C07K 1/16 (2006.01) A61K 38/38 (2006.01) C07K 14/76 (2006.01)**
[25] EN
[54] **A METHOD FOR POLISHING ALBUMIN**
[54] **PROCEDE DE POLISSAGE D'ALBUMINE**
[72] MCCANN, KARL BEAUMONT, AU
[72] BERTOLINI, JOSEPH, AU
[71] CSL LIMITED, AU
[85] 2015-01-26
[86] 2013-07-26 (PCT/AU2013/000836)
[87] (WO2014/015388)
[30] US (61/676,799) 2012-07-27
[30] EP (12181515.3) 2012-08-23
[30] US (13/826,500) 2013-03-14
[30] AU (2013203968) 2013-04-11

[21] **2,880,235**
[13] A1

[51] **Int.Cl. C23F 13/06 (2006.01) C23F 13/10 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **GALVANIC ANODE AND METHOD OF CORROSION PROTECTION**
[54] **ANODE GALVANIQUE ET PROCEDE DE PROTECTION CONTRE LA CORROSION**
[72] GOODWIN, FREDERICK R., US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2015-01-27
[86] 2013-07-30 (PCT/EP2013/065990)
[87] (WO2014/020017)
[30] US (61/677,164) 2012-07-30
[30] US (61/740,962) 2012-12-21

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[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 31/473 (2006.01)**

[25] EN

[54] **EFFLUX INHIBITOR COMPOSITIONS AND METHODS OF TREATMENT USING THE SAME**

[54] **COMPOSITIONS INHIBITRICES D'ECOULEMENT ET METHODES DE TRAITEMENT A L'AIDE DE CELLES-CI**

[72] BUNT, ANTONIUS MARTINUS GUSTAVE, US

[72] VAN TELLINGEN, OLAF, NL

[71] BUNT, ANTONIUS MARTINUS GUSTAVE, US

[85] 2015-01-27

[86] 2013-07-26 (PCT/US2013/052402)

[87] (WO2014/018932)

[30] US (61/676,689) 2012-07-27

[21] **2,880,237**
[13] A1

[51] **Int.Cl. E21C 27/24 (2006.01) E21D 9/10 (2006.01)**

[25] EN

[54] **MOBILE MINING EXPLOITATION MINIERE MOBILE**

[72] KRINGS, JOHANNES, DE

[72] RASCHKA, JOACHIM, DE

[72] ROHWER, JAN, DE

[72] KORTMANN, OLIVER, DE

[72] BECHEM, ULRICH, DE

[72] SCHREITER, CHRISTIAN, DE

[72] STEINBERG, JENS, DE

[71] CATERPILLAR GLOBAL MINING EUROPE GMBH, DE

[85] 2015-01-27

[86] 2013-08-13 (PCT/EP2013/002430)

[87] (WO2014/026761)

[30] DE (10 2012 107 485.2) 2012-08-15

[21] **2,880,238**
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[51] **Int.Cl. B01D 9/00 (2006.01) C10G 45/00 (2006.01) C10G 73/00 (2006.01)**

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[54] **TREATMENT OF WAX TRAITEMENT DE LA CIRE**

[72] LOUDON, DYLAN, STUART, ZA

[72] BEZUIDENHOUT, DANIEL SAREL, ZA

[72] MEYER, GERNOT, DE

[72] BEHRMANN, INGO, DE

[72] SCHEIDAT, HANS-JORG, DE

[72] FEITKENHAUER, HEIKO, DE

[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA

[85] 2015-01-27

[86] 2013-07-30 (PCT/IB2013/056249)

[87] (WO2014/020535)

[30] US (61/678,664) 2012-08-02

[21] **2,880,240**
[13] A1

[51] **Int.Cl. F04D 15/00 (2006.01) F04D 13/08 (2006.01)**

[25] EN

[54] **ELECTRIC SUBMERSIBLE PUMP OPERATIONS FONCTIONNEMENT D'UNE POMPE SUBMERSIBLE ELECTRIQUE**

[72] MORICCA, GIUSEPPE, IT

[72] QUERALES, MAIQUEL, US

[72] DHAR, JOYDEEP, US

[72] CARVAJAL, GUSTAVO, US

[72] CULLICK, ALVIN S., US

[72] VELLANKI, RAMA K., US

[72] VILLAMIZAR, MIGUEL, US

[72] RODRIGUEZ, JOSE, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-01-27

[86] 2013-07-29 (PCT/US2013/052591)

[87] (WO2014/022318)

[30] US (61/678,042) 2012-07-31

[30] US (13/609,163) 2012-09-10

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[13] A1

[51] **Int.Cl. B23B 25/06 (2006.01) B23B 5/08 (2006.01) B23B 5/16 (2006.01) B23B 31/12 (2006.01) B23Q 1/76 (2006.01) B23Q 3/18 (2006.01)**

[25] EN

[54] **PIPE-END MACHINING APPARATUS WITH A DEVICE FOR CENTERING A TUBULAR WORKPIECE ON AN AXIS MACHINE D'USINAGE D'EXTREMITE DE TUBE POURVUE D'UN DISPOSITIF DE CENTRAGE POUR CENTRER UNE PIECE TUBULAIRE PAR RAPPORT A UN AXE DE ROTATION**

[72] ESSER, KARL-JOSEF, DE

[71] SMS MEER GMBH, DE

[85] 2015-01-27

[86] 2013-07-31 (PCT/EP2013/066053)

[87] (WO2014/020050)

[30] DE (10 2012 015 222.1) 2012-07-31

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[13] A1

[51] **Int.Cl. A61M 13/00 (2006.01) A61M 15/00 (2006.01)**

[25] EN

[54] **ARRANGEMENT FOR A DRUG DELIVERY DEVICE AGENCEMENT POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**

[72] MAYER, STEFAN, DE

[71] SANOFI SA, CH

[85] 2015-01-26

[86] 2013-07-25 (PCT/EP2013/065747)

[87] (WO2014/019940)

[30] EP (12178704.8) 2012-07-31

[21] **2,880,243**
[13] A1

[51] **Int.Cl. B01D 27/00 (2006.01)**

[25] EN

[54] **FILTRATION SYSTEM SYSTEME DE FILTRATION**

[72] FASSEL, ROBERT SCOTT, US

[72] CHRISTIE, SCOTT AARON, US

[71] PACE INTERNATIONAL, LLC, US

[85] 2015-01-27

[86] 2013-07-31 (PCT/US2013/052826)

[87] (WO2014/022460)

[30] US (13/566,936) 2012-08-03

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[13] A1

[51] **Int.Cl. C07C 7/20 (2006.01) C08F 2/40 (2006.01) C09K 15/18 (2006.01) C09K 15/24 (2006.01)**

[25] EN

[54] **COMPOSITION OF QUINONE METHIDE DERIVATIVES AND AMINES FOR CONTROL AND INHIBITION OF POLYMERIZATION OF MONOMERS, AND METHOD OF PREPARATION AND USE THEREOF**

[54] **COMPOSITION DE DERIVES DE METHYLURE DE QUINONE ET D'AMINES PERMETTANT DE LIMITER ET D'INHIBER LA POLYMERISATION DE MONOMERES ET SON PROCEDE DE PREPARATION ET D'UTILISATION**

[72] SUBRAMANIAM, MAHESH, IN

[71] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN

[85] 2015-01-27

[86] 2013-08-21 (PCT/IB2013/056787)

[87] (WO2014/030131)

[30] IN (2465/MUM/2012) 2012-08-24

[21] **2,880,246**
[13] A1

[51] **Int.Cl. G06F 21/32 (2013.01) G06F 21/31 (2013.01) G06F 21/41 (2013.01) G06F 7/10 (2006.01)**

[25] FR

[54] **BIOMETRIC PERSONAL AUTHENTICATION**

[54] **AUTHENTIFICATION DE PERSONNE PAR BIOMETRIE**

[72] BLONDEAU, STEPHANE, FR

[71] IONOSYS, FR

[85] 2015-01-27

[86] 2013-07-31 (PCT/EP2013/066132)

[87] (WO2014/020087)

[30] FR (1257409) 2012-07-31

[21] **2,880,247**
[13] A1

[51] **Int.Cl. A61C 13/235 (2006.01) A61C 8/00 (2006.01)**

[25] EN

[54] **IMPLANT OVERDENTURE SYSTEM AND IMPLANT**

[54] **SYSTEME DE PROTHESE HYBRIDE PAR IMPLANT, ET IMPLANT**

[72] ARAI, KAZUO, JP

[72] HONKURA, YOSHINOBU, JP

[72] TAKEUCHI, YASUHIRO, JP

[72] WIGIANTO, RUDI, ID

[71] AICHI STEEL CORPORATION, JP

[85] 2015-01-27

[86] 2013-06-04 (PCT/JP2013/065430)

[87] (WO2014/020985)

[30] JP (2012-171443) 2012-08-01

[21] **2,880,248**
[13] A1

[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/02 (2006.01)**

[25] EN

[54] **CARDIAC MICROWAVE SIGNAL DETERMINATION OF CARDIOVASCULAR DISEASES**

[54] **DETERMINATION DE MALADIES CARDIOVASCULAIRES PAR SIGNAUX MICRO-ONDES CARDIAQUES**

[72] MCGRATH, WILLIAM R., US

[72] GHARIB, MORTEZA, US

[72] PAHLEVAN, NIEMA, US

[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2015-01-27

[86] 2013-07-31 (PCT/US2013/053068)

[87] (WO2014/022584)

[30] US (61/678,425) 2012-08-01

[30] US (61/738,229) 2012-12-17

[21] **2,880,249**
[13] A1

[51] **Int.Cl. H01F 1/24 (2006.01) B22F 1/00 (2006.01) B22F 1/02 (2006.01) B22F 3/00 (2006.01) H01F 41/02 (2006.01)**

[25] EN

[54] **IRON POWDER FOR POWDER MAGNETIC CORE AND PROCESS FOR PRODUCING POWDER MAGNETIC CORE**

[54] **POUDRE DE FER POUR NOYAU MAGNETIQUE A POUDRE, ET PROCEDE DE PRODUCTION DE NOYAU MAGNETIQUE A POUDRE**

[72] MITANI, HIROYUKI, JP

[72] MIYAMURA, TAKEO, JP

[72] HOJO, HIROFUMI, JP

[72] KAMIJO, TOMOTSUNA, JP

[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP

[85] 2015-01-27

[86] 2013-08-26 (PCT/JP2013/072761)

[87] (WO2014/034616)

[30] JP (2012-192146) 2012-08-31

[21] **2,880,250**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**

[25] EN

[54] **SURFACE ISOTROPY AS A MARKER FOR EPIDERMAL MATURATION**

[54] **ISOTROPIE DE SURFACE EN TANT QUE MARQUEUR DE MATURATION EPIDERMIQUE**

[72] MSIKA, PHILIPPE, FR

[72] LACHMANN, NADEGE, FR

[72] FLUHR, JOACHIM, DE

[71] LABORATOIRES EXPANSCIENCE, FR

[85] 2015-01-27

[86] 2013-08-02 (PCT/EP2013/066332)

[87] (WO2014/020173)

[30] US (61/678,780) 2012-08-02

[30] EP (13305181.3) 2013-02-18

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[21] **2,880,251**
[13] A1

[51] **Int.Cl. C07D 473/34 (2006.01) A61K 31/437 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **NOVEL HETEROARYL AND HETEROCYCLE COMPOUNDS, COMPOSITION AND METHODS THEREOF**

[54] **NOUVEAUX COMPOSES HETEROARYLIQUES ET HETEROCYCLIQUES ET COMPOSITIONS ET PROCEDES S'Y RAPPORANT**

[72] SU, WEI-GUO, CN
[72] DAI, GUANGXIU, CN
[72] XIAO, KUN, CN
[72] JIA, HONG, CN
[72] ZHANG, ZHULIN, CN
[72] VENABLE, JENNIFER DIANE, US
[72] BEMBENEK, SCOTT DAMIAN, US
[72] CHAI, WENYING, US
[71] HUTCHISON MEDIPHARMA LIMITED, CN

[85] 2015-01-26
[86] 2013-07-26 (PCT/CN2013/080195)
[87] (WO2014/015830)
[30] CN (PCT/CN2012/079290) 2012-07-27
[30] CN (PCT/CN2013/072686) 2013-03-15

[21] **2,880,252**
[13] A1

[51] **Int.Cl. E02F 9/16 (2006.01) B60N 2/46 (2006.01)**

[25] EN

[54] **APPARATUS FOR ADJUSTING HEIGHT OF ARMREST OF CONSTRUCTION MACHINE**

[54] **APPAREIL DESTINE A AJUSTER LA HAUTEUR D'ACCOUDOIR D'UN ENGIN DE CONSTRUCTION**

[72] PARK, HYUN-SOO, KR
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE

[85] 2015-01-27
[86] 2012-08-08 (PCT/KR2012/006317)
[87] (WO2014/025077)

[21] **2,880,253**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/29 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PERCUTANEOUS INTRAVASCULAR ACCESS FOR ARTERIOVENOUS FISTULA**

[54] **SYSTEMES ET PROCEDES D'ACCES INTRAVASCULAIRE PERCUTANE POUR FISTULE ARTERIO-VEINEUSE**

[72] HULL, JEFFREY E., US
[72] RITCHART, MARK A., US
[71] AVENU MEDICAL, INC., US

[85] 2015-01-27
[86] 2013-07-31 (PCT/US2013/053070)
[87] (WO2014/022585)
[30] US (61/678,240) 2012-08-01

[21] **2,880,254**
[13] A1

[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/478 (2011.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**

[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**

[72] OH, SEJIN, KR
[72] KIM, JINPIL, KR
[72] AN, SEUNGJOO, KR
[72] LEE, JINWON, KR
[72] KIM, KYUNGHO, KR
[72] MOON, KYOUNGSOO, KR
[71] LG ELECTRONICS INC., KR

[85] 2015-01-27
[86] 2013-08-28 (PCT/KR2013/007722)
[87] (WO2014/042368)
[30] US (61/700,310) 2012-09-12
[30] US (61/703,749) 2012-09-20

[21] **2,880,255**
[13] A1

[51] **Int.Cl. C25C 3/02 (2006.01) C25B 1/14 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING AN ALKALI METAL**

[54] **PROCEDE DE PREPARATION D'UN METAL ALCALIN**

[72] HUBER, GUNTHER, DE
[72] FREITAG, KATRIN, DE
[72] DURR, ANNA KATHARINA, DE
[72] ZERPA UNDA, JESUS ENRIQUE, DE
[72] VOGES, SUSANNA, CN
[72] GEYER, KAROLIN, DE
[71] BASF SE, DE

[85] 2015-01-26
[86] 2013-07-22 (PCT/EP2013/065415)
[87] (WO2014/016247)
[30] EP (12178306.2) 2012-07-27

[21] **2,880,257**
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **ARYLETHYNYL DERIVATIVES**

[54] **ARYLETHYNYL-PYRIMIDINES**

[72] JAESCHKE, GEORG, CH
[72] LINDEMANN, LOTHAR, CH
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-01-27
[86] 2013-08-06 (PCT/EP2013/066443)
[87] (WO2014/026880)
[30] EP (12180209.4) 2012-08-13

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[21] **2,880,258**
[13] A1

[51] **Int.Cl. F27D 3/00 (2006.01) C22B 15/00 (2006.01) F27B 1/20 (2006.01)**

[25] EN

[54] **METHOD AND ARRANGEMENT FOR FEEDING FINE-GRAINED MATTER TO A CONCENTRATE OR MATTE BURNER OF A SUSPENSION SMELTING FURNACE**

[54] **PROCEDE ET AGENCEMENT D'INTRODUCTION D'UNE MATIERE A GRAINS FINS DANS UN BRULEUR DE MATIERE OU DE CONCENTRE D'UN FOUR DE FUSION EN SUSPENSION**

[72] LAHTINEN, MARKKU, FI
[72] AHOKAINEN, TAPIO, FI
[72] BJORKKLUND, PETER, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2015-01-26
[86] 2013-08-19 (PCT/FI2013/050811)
[87] (WO2014/029913)
[30] FI (20125863) 2012-08-20

[21] **2,880,259**
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/16 (2006.01)**

[25] EN

[54] **LOCATION OF SENSORS IN WELL FORMATIONS**

[54] **LOCALISATION DE CAPTEURS DANS DES FORMATIONS DE Puits**

[72] GOODWIN, SCOTT, US
[71] RESEARCH TRIANGLE INSTITUTE, US
[85] 2015-01-27
[86] 2013-08-01 (PCT/US2013/053291)
[87] (WO2014/022705)
[30] US (61/678,793) 2012-08-02

[21] **2,880,260**
[13] A1

[51] **Int.Cl. A61K 31/5575 (2006.01) A61P 15/04 (2006.01)**

[25] EN

[54] **MISOPROSTOL FORMULATION**

[54] **FORMULATION DE MISOPROSTOL**

[72] POWERS, BARBARA L., US
[71] FERRING B.V., NL
[85] 2015-01-26
[86] 2013-07-25 (PCT/EP2013/065759)
[87] (WO2014/016390)
[30] EP (12178114.0) 2012-07-26
[30] EP (13150704.8) 2013-01-09

[21] **2,880,261**
[13] A1

[51] **Int.Cl. A61K 38/46 (2006.01) A61P 15/08 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **CELL-FREE DNA AS A THERAPEUTIC TARGET FOR FEMALE INFERTILITY AND DIAGNOSTIC MARKER**

[54] **ADN ACELLULAIRE EN TANT QUE CIBLE THERAPEUTIQUE POUR LA STERILITE FEMININE ET MARQUEUR DE DIAGNOSTIC**

[72] HAZOUT, ANDRE, FR
[71] FERRING B.V., NL
[85] 2015-01-26
[86] 2013-08-01 (PCT/IB2013/056321)
[87] (WO2014/020564)
[30] EP (12179265.9) 2012-08-03
[30] EP (13156626.7) 2013-02-25

[21] **2,880,262**
[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/55 (2006.01) A61K 31/5513 (2006.01) A61P 31/04 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 471/04 (2006.01) C07D 498/04 (2006.01) C07D 498/14 (2006.01) C07D 513/14 (2006.01)**

[25] EN

[54] **NEW ANTIBACTERIAL COMPOUNDS**

[54] **NOUVEAUX COMPOSES ANTIBACTERIENS**

[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] LANCOIS, DAVID FRANCIS ALAIN, FR
[72] MOTTE, MAGALI MADELEINE SIMONE, FR
[72] BALEMANS, WENDY MIA ALBERT, BE
[72] KOUL, ANIL, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2015-01-27
[86] 2013-08-09 (PCT/EP2013/066681)
[87] (WO2014/023815)
[30] EP (12180103.9) 2012-08-10

[21] **2,880,263**
[13] A1

[51] **Int.Cl. A63J 25/00 (2009.01) A63J 21/00 (2006.01)**

[25] EN

[54] **VISUAL DISPLAY SYSTEM AND METHOD OF CONSTRUCTING A HIGH-GAIN REFLECTIVE BEAM-SPLITTER**

[54] **SYSTEME D'AFFICHAGE VISUEL ET PROCEDE DE FABRICATION D'UN SEPARATEUR DE FAISCEAU REFLECHISSANT A GAIN ELEVE**

[72] BAKER, GARY, US
[71] NB TECH INC., US
[85] 2015-01-26
[86] 2013-07-25 (PCT/US2013/051939)
[87] (WO2014/018705)
[30] US (13/559,828) 2012-07-27

[21] **2,880,264**
[13] A1

[51] **Int.Cl. B23K 26/00 (2014.01) A62C 4/00 (2006.01) B23K 5/22 (2006.01) B23K 7/10 (2006.01) B23K 26/06 (2014.01) B23K 26/067 (2006.01) B23K 26/073 (2006.01) B23K 37/00 (2006.01) F23D 14/40 (2006.01) F23D 14/42 (2006.01) F23D 14/82 (2006.01)**

[25] EN

[54] **FLASHBACK ARRESTOR FOR USE IN GAS CUTTING OR WELDING EQUIPMENT; OXY-FUEL CUTTING OR WELDING TORCH WITH SUCH FLASHBACK ARRESTOR**

[54] **ARRET DE RETOUR DE FLAMME DESTINE A ETRE UTILISE DANS UN EQUIPEMENT DE COUPE OU DE SOUDAGE AU GAZ ; CHALUMEAU DE COUPE OU DE SOUDAGE A L'OXYGAZ COMPORTANT UN TEL ARRET DE RETOUR DE FLAMME**

[72] PRYOR, DAVID A., US
[72] NGUYEN, NHYANH DUYET, US
[71] VICTOR EQUIPMENT COMPANY, US
[85] 2015-01-26
[86] 2013-07-30 (PCT/US2013/052681)
[87] (WO2014/031293)
[30] US (13/562,194) 2012-07-30

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<p style="text-align: center;">[21] 2,880,266 [13] A1</p> <p>[51] Int.Cl. G06Q 10/08 (2012.01) G06Q 50/30 (2012.01) G01C 21/20 (2006.01) G01C 21/34 (2006.01)</p> <p>[25] EN</p> <p>[54] TRANSPORT USING GEOLOCATION</p> <p>[54] TRANSPORT UTILISANT LA GEOLOCALISATION</p> <p>[72] ARMATO, STEVEN S., US</p> <p>[71] AMAZON TECHNOLOGIES, INC., US</p> <p>[85] 2015-01-26</p> <p>[86] 2013-08-27 (PCT/US2013/056716)</p> <p>[87] (WO2014/035920)</p> <p>[30] US (13/599,989) 2012-08-30</p> <p>[30] US (13/599,898) 2012-08-30</p>	<p style="text-align: center;">[21] 2,880,268 [13] A1</p> <p>[51] Int.Cl. C12P 5/02 (2006.01)</p> <p>[25] EN</p> <p>[54] PRODUCTION OF VOLATILE DIENES BY ENZYMATIC DEHYDRATION OF LIGHT ALKENOLS</p> <p>[54] PRODUCTION DE DIENES VOLATILS PAR DESHYDRATATION ENZYMATIQUE D'ALCENOLS DE FAIBLE POIDS MOLECULAIRE</p> <p>[72] MARLIERE, PHILIPPE, BE</p> <p>[71] SCIENTIST OF FORTUNE S.A., LU</p> <p>[85] 2015-01-27</p> <p>[86] 2013-08-27 (PCT/EP2013/067727)</p> <p>[87] (WO2014/033129)</p> <p>[30] EP (12182270.4) 2012-08-29</p>	<p style="text-align: center;">[21] 2,880,270 [13] A1</p> <p>[51] Int.Cl. F16D 3/04 (2006.01) E21B 17/02 (2006.01)</p> <p>[25] EN</p> <p>[54] COUPLING AND MUD MOTOR TRANSMISSION</p> <p>[54] ACCOUPLLEMENT ET TRANSMISSION DE MOTEUR A BOUE</p> <p>[72] KUHN, JAMES F., US</p> <p>[72] WHITEFORD, GERALD P., US</p> <p>[72] CUNE, GREGG M., US</p> <p>[72] OWENS, JONATHAN M., US</p> <p>[72] PTAK, KEITH R., US</p> <p>[71] LORD CORPORATION, US</p> <p>[85] 2015-01-27</p> <p>[86] 2013-08-02 (PCT/US2013/053411)</p> <p>[87] (WO2014/022765)</p> <p>[30] US (61/679,341) 2012-08-03</p> <p>[30] US (61/786,717) 2013-03-15</p>
		<p style="text-align: center;">[21] 2,880,271 [13] A1</p> <p>[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)</p> <p>[25] EN</p> <p>[54] ANTI-JAGGED ANITBODIES AND METHODS OF USE</p> <p>[54] ANTICORPS ANTI-JAGGED ET LEURS PROCEDES D'UTILISATION</p> <p>[72] SIEBEL, CHRISTIAN W., US</p> <p>[72] WU, YAN, US</p> <p>[71] GENENTECH, INC., US</p> <p>[85] 2015-01-27</p> <p>[86] 2013-08-13 (PCT/US2013/054664)</p> <p>[87] (WO2014/028446)</p> <p>[30] US (61/682,640) 2012-08-13</p> <p>[30] US (61/784,332) 2013-03-14</p>

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[13] A1

[51] **Int.Cl. E21B 17/07 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **ISOLATOR**
[54] **ISOLANT**
[72] GILMORE, ADAM S., US
[72] CUNE, GREGG M., US
[72] CARABALLO, SAMUEL O., US
[72] SMID, JOHN P., US
[72] RUSSELL, DONALD D., US
[71] LORD CORPORATION, US
[85] 2015-01-27
[86] 2013-08-02 (PCT/US2013/053418)
[87] (WO2014/022768)
[30] US (61/679,263) 2012-08-03
[30] US (61/782,235) 2013-03-14

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[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/501 (2006.01) A61P 21/00 (2006.01) C07D 401/12 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 471/08 (2006.01) C07D 471/14 (2006.01) C07D 487/04 (2006.01) C07D 487/10 (2006.01)**
[25] EN
[54] **1,4-DISUBSTITUTED PYRIDAZINE ANALOGS AND METHODS FOR TREATING SMN-DEFICIENCY-RELATED CONDITIONS**
[54] **ANALOGUES DE PYRIDAZINE 1,4-DISUBSTITUEE ET PROCEDES DE TRAITEMENT DE TROUBLES LIES A UNE DEFICIENCE EN SMN**
[72] CHEUNG, ATWOOD, US
[72] CHIN, DONOVAN NOEL, US
[72] DALES, NATALIE, US
[72] FAZAL, ALEEM, US
[72] HURLEY, TIMOTHY BRIAN, US
[72] KERRIGAN, JOHN, US
[72] O'BRIEN, GARY, US
[72] SHU, LEI, US
[72] SUN, ROBERT, US
[72] SUNG, MOO, US
[71] NOVARTIS AG, CH
[85] 2015-01-27
[86] 2013-08-13 (PCT/US2013/054687)
[87] (WO2014/028459)
[30] US (61/682,448) 2012-08-13

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/10 (2011.01) C12N 15/11 (2006.01) G01N 27/26 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING NANOPORE SEQUENCING**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LE SEQUENCAGE DE NANOPORES**
[72] GUNDLACH, JENS H., US
[72] LASZLO, ANDREW, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2015-01-27
[86] 2013-08-02 (PCT/US2013/053476)
[87] (WO2014/022800)
[30] US (61/679,623) 2012-08-03

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[13] A1

[51] **Int.Cl. A61K 31/132 (2006.01) A61K 8/41 (2006.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL OR COSMETIC COMPOSITION FOR TREATING ALOPECIA**
[54] **COMPOSITION PHARMACEUTIQUE OU COSMETIQUE DESTINEE AU TRAITEMENT DE L'ALOPECIE**
[72] GIULIANI, GIAMMARIA, IT
[72] PAUS, RALF, DE
[72] BENEDUSI, ANNA, IT
[72] MARZANI, BARBARA, IT
[72] BARONI, SERGIO, IT
[71] GIULIANI S.P.A., IT
[85] 2015-01-26
[86] 2013-07-26 (PCT/EP2013/065793)
[87] (WO2014/016407)
[30] IT (MI2012A001323) 2012-07-27

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[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A01N 63/02 (2006.01)**
[25] EN
[54] **BACILLUS SP. STRAIN WITH ANTIFUNGAL, ANTIBACTERIAL AND GROWTH PROMOTION ACTIVITY**
[54] **SOUCHE DE BACILLUS SP. AVEC ACTIVITE ANTIFONGIQUE, ANTIBACTERIENNE ET DE STIMULATION DE LA CROISSANCE**
[72] ASOLKAR, RATNAKAR, US
[72] CORDOVA-KREYLOS, ANA LUCIA, US
[72] MCCORT, CHRISTOPHER, US
[72] WILK, DEBORA, US
[72] TODD, CARLY, US
[72] SU, HAI, US
[72] MARRONE, PAMELA, US
[71] MARRONE BIO INNOVATIONS, INC., US
[85] 2015-01-27
[86] 2013-08-13 (PCT/US2013/054775)
[87] (WO2014/028521)
[30] US (61/683,174) 2012-08-14
[30] US (13/835,677) 2013-03-15

[21] **2,880,277**
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01)**
[25] EN
[54] **SIMULATED STAPLING AND ENERGY BASED LIGATION FOR SURGICAL TRAINING**
[54] **AGRAFAGE SIMULE ET LIGATURE BASEE SUR LE CHAMP ENERGETIQUE POUR UNE FORMATION CHIRURGICALE**
[72] HART, CHARLES C., US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2015-01-27
[86] 2013-08-02 (PCT/US2013/053497)
[87] (WO2014/022815)
[30] US (61/679,494) 2012-08-03

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[13] A1

[51] **Int.Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01)**
[25] EN
[54] **BLOOD PUMP SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE POMPE A SANG**
[72] FRANANO, F. NICHOLAS, US
[72] LOREE, HOWARD M., II, US
[72] TANSLEY, GEOFF, AU
[72] WOODARD, STEVE, US
[72] HUTTO, BARRETT, US
[71] NOVITA THERAPEUTICS, US
[85] 2015-01-27
[86] 2013-08-15 (PCT/US2013/055221)
[87] (WO2014/028787)
[30] US (PCT/US2012/050978) 2012-08-15
[30] US (PCT/US2012/050983) 2012-08-15
[30] US (61/684,534) 2012-08-17

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[13] A1

[51] **Int.Cl. A61K 6/027 (2006.01) C03C 3/097 (2006.01) C03C 3/118 (2006.01) C03C 4/00 (2006.01) C03C 10/00 (2006.01)**
[25] EN
[54] **LITHIUM SILICATE GLASS CERAMIC AND GLASS WITH CAESIUM OXIDE CONTENT**
[54] **VITROCERAMIQUE ET VERRE EN SILICATE DE LITHIUM AYANT UNE CERTAINE TENEUR EN OXYDE DE CESIUM**
[72] RAMPF, MARKUS, CH
[72] DITTMER, MARC, AT
[72] HOLAND, WOLFRAM, LI
[72] BOLLE, URS, AT
[72] SCHWEIGER, MARCEL, CH
[72] RHEINBERGER, VOLKER, LI
[72] RITZBERGER, CHRISTIAN, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2015-01-27
[86] 2014-04-08 (PCT/EP2014/057045)
[87] (WO2014/170170)
[30] EP (13163830.6) 2013-04-15

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[13] A1

[51] **Int.Cl. A61B 6/14 (2006.01) A61B 6/00 (2006.01) A61B 19/00 (2006.01) A61C 13/00 (2006.01) A61C 1/08 (2006.01) A61C 7/00 (2006.01) A61C 8/00 (2006.01) A61C 9/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR PREPARING THE FITTING OF A DENTAL IMPLANT**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION A LA POSE D'UN IMPLANT DENTAIRE**
[72] CHAMPLEBOUX, GUILLAUME, FR
[71] 3DKREAFORM, FR
[85] 2015-01-27
[86] 2013-06-04 (PCT/FR2013/051268)
[87] (WO2014/020247)
[30] FR (1257404) 2012-07-31

[21] **2,880,282**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01)**
[25] EN
[54] **FORMULATIONS AND METHODS OF MANUFACTURING FORMULATIONS FOR USE IN COLONIC EVACUATION**
[54] **FORMULATIONS ET PROCEDES DE FABRICATION DE FORMULATIONS DESTINEES A ETRE UTILISEES EN EVACUATION DU COLON**
[72] FATHI, REZA, US
[72] MCLEAN, PATRICK LAUGHLIN, CA
[71] REDHILL BIOPHARMA LTD., IL
[85] 2015-01-26
[86] 2013-07-26 (PCT/IB2013/001640)
[87] (WO2014/016671)
[30] US (61/676,608) 2012-07-27

[21] **2,880,283**
[13] A1

[51] **Int.Cl. C10G 29/20 (2006.01) C10G 29/24 (2006.01)**
[25] EN
[54] **METHOD OF SCAVENGING HYDROGEN SULFIDE AND/OR SULFHYDRYL COMPOUNDS**
[54] **PROCEDE DE PIEGEAGE DE SULFURE D'HYDROGENE ET/OU DE COMPOSES DE SULFHYDRYLE**
[72] JANAK, KEVIN EDWARD, US
[71] LONZA, INC., US
[85] 2015-01-27
[86] 2013-08-19 (PCT/US2013/055583)
[87] (WO2014/031537)
[30] US (61/691,567) 2012-08-21

[21] **2,880,284**
[13] A1

[51] **Int.Cl. C07D 493/04 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING DIALKYLOXYDIANHYDROHEXITOL BY ETHERIFICATION OF DIANHYDROHEXITOL USING A LIGHT ALCOHOL, IN THE PRESENCE OF AN ACIDIC CATALYST**
[54] **PROCEDE DE PREPARATION DE DIALKYLOXYDIANHYDROHEXITOLS PAR ETHERIFICATION DE DIANHYDROHEXITOLS AVEC UN ALCOOL LEGER, EN PRESENCE D'UN CATALYSEUR ACIDE**
[72] IBERT, MATHIAS, FR
[72] ESSAYEM, NADINE, FR
[72] FECHE, CYRIL, FR
[72] PERRARD, ALAIN, FR
[71] ROQUETTE FRERES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[85] 2015-01-27
[86] 2013-08-05 (PCT/FR2013/051881)
[87] (WO2014/023902)
[30] FR (12 57621) 2012-08-06

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[21] **2,880,285**
[13] A1

[51] **Int.Cl. C12N 15/70 (2006.01)**
[25] EN
[54] **INDUCIBLE COEXPRESSION SYSTEM**
[54] **SYSTEME DE COEXPRESSION INDUCTIBLE**
[72] MCCLAIN, SEAN, US
[72] VALASEK, MARK, US
[71] ABSCI, LLC, US
[85] 2015-01-27
[86] 2013-08-05 (PCT/US2013/053562)
[87] (WO2014/025663)
[30] US (61/679,751) 2012-08-05
[30] US (61/747,246) 2012-12-29

[21] **2,880,286**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **BREWING ASSEMBLY FOR A MACHINE FOR THE PREPARATION OF BEVERAGES USING CAPSULES AND THE LIKE**
[54] **ENSEMBLE INFUSION POUR UNE MACHINE POUR LA PREPARATION DE BOISSONS UTILISANT DES CAPSULES ET ANALOGUES**
[72] DE MANGO, CARLO, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2015-01-26
[86] 2013-07-29 (PCT/IB2013/056214)
[87] (WO2014/020519)
[30] IT (TO2012A000672) 2012-07-30

[21] **2,880,287**
[13] A1

[51] **Int.Cl. G06F 12/08 (2006.01) H04L 12/879 (2013.01)**
[25] EN
[54] **NETWORK SERVICE SYSTEM AND METHOD WITH OFF-HEAP CACHING**
[54] **SYSTEME ET PROCEDE DE SERVICES RESEAU AVEC MISE EN ANTEMEMOIRE HORS TAS**
[72] SHAVER, MATTHEW D., US
[72] GUPTA, SACHIN, US
[71] YUME, INC., US
[85] 2015-01-27
[86] 2013-08-31 (PCT/US2013/057752)
[87] (WO2014/036540)
[30] US (13/601,118) 2012-08-31

[21] **2,880,288**
[13] A1

[51] **Int.Cl. B63H 9/06 (2006.01)**
[25] FR
[54] **WING FOR SHIP PROPULSION**
[54] **AILE DE PROPULSION DE NAVIRE**
[72] DECAMP, PAUL-HENRI, FR
[71] DECAMP, PAUL-HENRI, FR
[85] 2015-01-27
[86] 2013-08-05 (PCT/FR2013/051887)
[87] (WO2014/033386)
[30] FR (12 58195) 2012-09-03

[21] **2,880,289**
[13] A1

[51] **Int.Cl. D04H 1/70 (2012.01)**
[25] EN
[54] **FABRICATION OF NANOFIBERS AS DRY ADHESIVES AND APPLICATIONS OF THE SAME**
[54] **FABRICATION DE NANOFIBRES EN TANT QU'ADHESIFS SECS ET LEURS APPLICATIONS**
[72] WONG, SHING-CHUNG JOSH, US
[72] NAJEM, JOHNNY F, US
[72] CHEN, PEI, US
[71] THE UNIVERSITY OF AKRON, US
[85] 2015-01-27
[86] 2013-08-06 (PCT/US2013/053807)
[87] (WO2014/025793)
[30] US (61/679,818) 2012-08-06

[21] **2,880,290**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01)**
[25] EN
[54] **DOUBLE-STRANDED OLIGONUCLEOTIDE MOLECULES TARGETING P53 AND METHODS OF USE THEREOF**
[54] **MOLECULES D'OLIGONUCLEOTIDE A DOUBLE BRIN P53 ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] FEINSTEIN, ELENA, IL
[72] AVKIN-NACHUM, SHARON, IL
[72] KALINSKI, HAGAR, IL
[72] METT, IGOR, IL
[71] QUARK PHARMACEUTICALS, INC., US
[85] 2015-01-27
[86] 2013-09-12 (PCT/US2013/059349)
[87] (WO2014/043292)
[30] US (61/699,884) 2012-09-12

[21] **2,880,291**
[13] A1

[51] **Int.Cl. B02C 18/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **DEVICE FOR DISSIPATING AND GRINDING THE WET PART OF URBAN WASTE**
[54] **DISPOSITIF PERMETTANT DE DISSIPER ET DE BROYER LA PARTIE HUMIDE DE DECHETS URBAINS**
[72] SAUVE, LUIGI, IT
[71] SAUVE, LUIGI, IT
[85] 2015-01-27
[86] 2013-08-01 (PCT/IB2013/001684)
[87] (WO2014/020413)
[30] IT (CZ2012A000010) 2012-08-02

[21] **2,880,292**
[13] A1

[51] **Int.Cl. C08L 23/00 (2006.01)**
[25] EN
[54] **MODIFIED ETHYLENE-BASED POLYMER COMPOSITIONS AND METHODS OF THEIR PRODUCTION**
[54] **COMPOSITIONS POLYMERIQUES A BASE D'ETHYLENE MODIFIE ET PROCEDES DE PRODUCTION**
[72] ZHOU, HUAJUN, US
[72] KMIEC, CHESTER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-01-27
[86] 2013-09-12 (PCT/US2013/059385)
[87] (WO2014/052017)
[30] US (61/705,348) 2012-09-25

[21] **2,880,293**
[13] A1

[51] **Int.Cl. E21B 33/128 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE PACKERS**
[54] **GARNITURES D'ETANCHEITE HAUTE TEMPERATURE**
[72] SUN, KAI, US
[72] CORBETT, THOMAS GARY, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-01-27
[86] 2013-08-08 (PCT/US2013/054080)
[87] (WO2014/025969)
[30] US (61/681,207) 2012-08-09
[30] US (61/810,097) 2013-04-09

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[13] A1

[51] **Int.Cl. A23C 11/10 (2006.01) A23C 21/04 (2006.01) A23L 1/10 (2006.01) A23L 1/187 (2006.01)**

[25] EN

[54] **DAIRY PRODUCT-LIKE PROCESSED FOOD AND METHOD OF MANUFACTURING THE SAME**

[54] **ALIMENTS TRAITES DE TYPE PRODUIT LAITIER ET PROCEDE DE FABRICATION ASSOCIE**

[72] NARAHARA, YOSHIHARU, JP
[72] HORIUCHI, HIROSHI, JP
[72] ECHIZEN, HIROSHI, JP
[72] KITAMURA, YUTAKA, JP
[71] MEIJI CO., LTD., JP
[85] 2015-01-26
[86] 2013-07-30 (PCT/JP2013/070533)
[87] (WO2014/021286)
[30] JP (2012-171326) 2012-08-01

[21] **2,880,295**
[13] A1

[51] **Int.Cl. C08L 23/04 (2006.01)**

[25] EN

[54] **LINEAR LOW DENSITY COMPOSITION SUITABLE FOR FILM APPLICATIONS AND FILMS MADE THEREFROM**

[54] **COMPOSITION LINEAIRE BASSE DENSITE APPROPRIEE POUR DES APPLICATIONS DE FILMS ET FILMS FABRIQUES A PARTIR DE CEUX-CI**

[72] KAPUR, MRIDULA, US
[72] WANG, JIAN, US
[72] BAFNA, AYUSH A., US
[72] TAMBLING, TROY M., US
[72] REIB, ROBERT N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-01-27
[86] 2013-10-01 (PCT/US2013/062816)
[87] (WO2014/058657)
[30] US (61/713,092) 2012-10-12

[21] **2,880,297**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) C12N 1/36 (2006.01) C12P 7/54 (2006.01)**

[25] EN

[54] **MICROBIAL ELECTROSYNTHETIC CELLS**

[54] **CELLULES D'ELECTROSYNTHESE MICROBIENNE**

[72] MAY, HAROLD D., US
[72] MARSHALL, CHRISTOPHER W., US
[72] LABELLE, EDWARD V., US
[71] MUSC FOUNDATION FOR RESEARCH DEVELOPMENT, US
[85] 2015-01-27
[86] 2013-09-17 (PCT/US2013/060131)
[87] (WO2014/043690)
[30] US (61/701,827) 2012-09-17
[30] US (61/733,308) 2012-12-04

[21] **2,880,298**
[13] A1

[51] **Int.Cl. B01D 27/00 (2006.01) B01D 35/147 (2006.01)**

[25] EN

[54] **FILTER UNIT WITH FLOW REGULATOR**

[54] **UNITE DE FILTRE COMPRENANT REGULATEUR D'ECOULEMENT**

[72] SENNINGER, MARK M., US
[72] HORTIN, GREGORY G., US
[72] MYERS, VERNE H., US
[72] PETERS, JOSEPH R., US
[72] CUR, NIHAT O., US
[71] WHIRLPOOL CORPORATION, US
[85] 2015-01-27
[86] 2013-11-07 (PCT/US2013/068970)
[87] (WO2014/081578)
[30] US (61/729,878) 2012-11-26
[30] US (13/842,364) 2013-03-15

[21] **2,880,299**
[13] A1

[51] **Int.Cl. C07D 213/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE SYNTHESIS OF SUBSTITUTED UREA COMPOUNDS**

[54] **PROCEDE POUR LA SYNTHESE DE COMPOSES D'UREE SUBSTITUES**

[72] RUSSO, DOMENICO, PT
[72] WAHNON, JORGE BRUNO REIS, PT
[72] MATON, WILLIAM, PT
[72] ESZENYI, TIBOR, HU
[71] BIAL - PORTELA & CA, S.A., PT
[85] 2015-01-26
[86] 2013-07-26 (PCT/PT2013/000050)
[87] (WO2014/017938)
[30] US (61/676,554) 2012-07-27

[21] **2,880,301**
[13] A1

[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**

[25] EN

[54] **SELECTIVELY ADJUSTABLE ARCHITECTURAL WALL**

[54] **PAROI ARCHITECTURALE REGLABLE DE FACON SELECTIVE**

[72] GOSLING, GEOFF, CA
[71] DIRT ENVIRONMENTAL SOLUTIONS, LTD., CA
[85] 2015-01-27
[86] 2013-11-13 (PCT/US2013/069923)
[87] (WO2014/078437)
[30] US (61/725,920) 2012-11-13

[21] **2,880,302**
[13] A1

[51] **Int.Cl. A61M 16/04 (2006.01)**

[25] EN

[54] **AIRWAY OPENING APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE D'OUVERTURE DES VOIES RESPIRATOIRES**

[72] XAVIER, MARCUS, MARIA, AU
[72] TEGG, WARREN, JOHN, AU
[72] MILLS, KARL, ADRIAN, AU
[71] MONDO MEDICAL DEVICES PTY LTD, AU
[85] 2015-01-28
[86] 2013-07-15 (PCT/AU2013/000783)
[87] (WO2014/019014)
[30] AU (2012903352) 2012-08-03

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[21] **2,880,304**
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TERMINAL CONTROL**
[54] **PROCEDES ET DISPOSITIFS DE COMMANDE D'UN TERMINAL**
[72] LI, LIEQIANG, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-28
[86] 2013-06-24 (PCT/CN2013/077791)
[87] (WO2014/032461)
[30] CN (201210311632.0) 2012-08-29

[21] **2,880,305**
[13] A1

[51] **Int.Cl. A61G 10/00 (2006.01) A62B 31/00 (2006.01) E04H 1/00 (2006.01) E04H 15/00 (2006.01)**
[25] EN
[54] **ISOLATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ISOLEMENT**
[72] BALLANTYNE, JUSTIN DOUGLAS, AU
[72] BURKWOOD, JAMES EDWARD ROBERT, AU
[72] BALLANTYNE, ANNA LOUISE, AU
[71] CARE STRATEGIC D.I.R. HOLDINGS PTY LTD, AU
[85] 2015-01-28
[86] 2013-08-01 (PCT/AU2013/000846)
[87] (WO2014/019022)
[30] AU (2012903331) 2012-08-02

[21] **2,880,307**
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) B29C 47/06 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING SYSTEM WITH EXTENDED PRINTING VOLUME, AND METHODS OF USE THEREOF**
[54] **SYSTEME DE FABRICATION ADDITIVE COMPORTANT UN VOLUME D'IMPRESSION ETENDU ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] CRUMP, S. SCOTT, US
[72] MANNELLA, DOMINIC F., US
[72] SWANSON, WILLIAM J., US
[72] JOHNSON, KEVIN C., US
[72] SCHLOESSER, RONALD G., US
[72] LABOSSIERE, JOSEPH E., US
[72] ANDERSON, RICHARD T., US
[72] BOSVELD, MICHAEL D., US
[72] LEAVITT, PAUL J., US
[71] STRATASYS, INC., US
[85] 2015-01-26
[86] 2013-08-16 (PCT/US2013/055311)
[87] (WO2014/028828)
[30] US (13/587,009) 2012-08-16
[30] US (13/968,033) 2013-08-15

[21] **2,880,309**
[13] A1

[51] **Int.Cl. A01K 67/02 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **OBESITY ANIMAL MODEL AND METHODS FOR MAKING AND USING THEREOF**
[54] **MODELE ANIMAL D'OBESITE ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ZHAO, LIPING, CN
[72] FEI, NA, CN
[71] SHANGHAI JIAO TONG UNIVERSITY, CN
[71] PERFECT (CHINA) CO., LTD, CN
[85] 2015-01-28
[86] 2013-08-01 (PCT/CN2013/080589)
[87] (WO2014/023178)
[30] CN (201210280927.6) 2012-08-08

[21] **2,880,311**
[13] A1

[51] **Int.Cl. F41H 11/16 (2011.01) F41H 11/24 (2011.01) B60D 3/00 (2006.01) F16B 21/10 (2006.01) F42B 3/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR COUPLING AN ATTACHMENT TO A VEHICLE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ACCOUPLER UN EQUIPEMENT RAPPORTE A UN VEHICULE**
[72] RETTINGER, GUNTER, DE
[72] HAUCK, STEPHAN, DE
[71] KRAUSS-MAFFEI WEGMANN GMBH & CO. KG, DE
[85] 2015-01-28
[86] 2013-08-13 (PCT/DE2013/100291)
[87] (WO2014/026676)
[30] DE (10 2012 107 580.8) 2012-08-17

[21] **2,880,312**
[13] A1

[51] **Int.Cl. A61B 5/055 (2006.01) A61B 6/00 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **RADIOTHERAPY SYSTEM INTEGRATING A RADIATION SOURCE WITH A MAGNETIC RESONANCE IMAGING APPARATUS WITH MOVABLE MAGNET COMPONENTS**
[54] **SYSTEME DE RADIOTHERAPIE INTEGRANT UNE SOURCE DE RAYONNEMENT AVEC UN APPAREIL D'IMAGERIE PAR RESONANCE MAGNETIQUE AVEC DES COMPOSANTS D'AIMANT MOBILES**
[72] STANESCU, TEODOR MARIUS, CA
[72] JAFFRAY, DAVID ANTHONY, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2015-01-27
[86] 2013-07-29 (PCT/CA2013/000673)
[87] (WO2014/015421)
[30] US (61/676,576) 2012-07-27

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[21] **2,880,315**
[13] A1

[51] **Int.Cl. B21J 5/08 (2006.01) B21J 9/06 (2006.01) B21K 1/46 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR PRODUCING GROOVED BOLTS**

[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE RIVETS A RAINURE**

[72] FUNK, JAKOB, DE

[72] HOFFMANN, DIETER, DE

[71] RT HOLDINGS III WG (US), LP, LU

[85] 2015-01-28

[86] 2013-09-02 (PCT/DE2013/200146)

[87] (WO2014/044271)

[30] DE (10 2012 018 478.6) 2012-09-19

[21] **2,880,317**
[13] A1

[51] **Int.Cl. G09F 13/10 (2006.01) G09F 13/18 (2006.01) G09F 15/00 (2006.01)**

[25] EN

[54] **DEVICE FOR PRESENTING INFORMATION CARRIERS**

[54] **DISPOSITIF POUR LA PRESENTATION DE SUPPORTS D'INFORMATION**

[72] CURIC, ANDRIJA, AT

[71] NOVOMATIC AG, AT

[85] 2015-01-28

[86] 2013-08-01 (PCT/EP2013/002301)

[87] (WO2014/019700)

[30] DE (20 2012 007 466.0) 2012-08-02

[30] AT (A 50317/2012) 2012-08-10

[21] **2,880,318**
[13] A1

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

[25] EN

[54] **GAMING MACHINE**

[54] **APPAREIL DE DIVERTISSEMENT**

[72] FAUL, THOMAS, DE

[72] LUFT, MICHAEL RUDOLPH, DE

[71] NOVOMATIC AG, AT

[85] 2015-01-28

[86] 2013-07-05 (PCT/EP2013/064233)

[87] (WO2014/019802)

[30] DE (10 2012 107 132.2) 2012-08-03

[21] **2,880,321**
[13] A1

[51] **Int.Cl. C12Q 1/00 (2006.01) G01N 33/62 (2006.01)**

[25] EN

[54] **IMPROVED MATRIX STABILITY COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS ET PROCEDES DE STABILITE AMELIOREE DE MATRICE**

[72] DUVAL, STACY, US

[72] KACHEL, SIBYLLE, DE

[72] LICA, GEORGETA CAMI, US

[72] SCHABEL, WILHELM, DE

[72] SCHARFER, PHILIP, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-01-28

[86] 2013-09-04 (PCT/EP2013/068238)

[87] (WO2014/037372)

[30] US (61/697,535) 2012-09-06

[21] **2,880,324**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **AZAINDOLES**

[54] **AZAINDOLES**

[72] HOGG, JOAN HEATHER, US

[72] KESTER, ROBERT FRANCIS, US

[72] LIANG, WEILING, US

[72] YUN, WEIYA, US

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-01-28

[86] 2013-10-08 (PCT/EP2013/070881)

[87] (WO2014/056871)

[30] US (61/712,305) 2012-10-11

[21] **2,880,326**
[13] A1

[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/4155 (2006.01) A61K 31/4184 (2006.01) A61K 31/427 (2006.01) A61K 31/428 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 409/04 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **3,4-DISUBSTITUTED 1 H-PYRAZOLE AND 4,5-DISUBSTITUTED THIAZOLE INHIBITORS OF SYK CAP**

[54] **INHIBITEURS 3,4-DISUBSTITUE 1H-PYRAZOLE ET 4,5-DISUBSTITUE THIAZOLE DE SYK**

[72] BHAGIRATH, NIALA, US

[72] DOMINIQUE, ROMYR, US

[72] KENNEDY-SMITH, JOSHUA, US

[72] LUCAS, MATTHEW C., US

[72] PADILLA, FERNANDO, US

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-01-28

[86] 2013-10-23 (PCT/EP2013/072132)

[87] (WO2014/064134)

[30] US (61/718,740) 2012-10-26

[21] **2,880,327**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 44/00 (2006.01) E21B 47/00 (2012.01)**

[25] EN

[54] **WELL DRILLING METHODS WITH AUDIO AND VIDEO INPUTS FOR EVENT DETECTION**

[54] **PROCEDES DE FORAGE DE Puits AVEC DES ENTrees AUDIO ET VIDEO POUR UNE DETECTION D'EVENEMENT**

[72] DAVIS, NANCY S., US

[72] BUTLER, CODY N., US

[72] LOVORN, JAMES R., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-22

[86] 2012-07-23 (PCT/US2012/047891)

[87] (WO2014/018003)

PCT Applications Entering the National Phase

[21] **2,880,329**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 17/02 (2006.01)**

[25] EN
[54] **WOUND TREATMENT**
[54] **TRAITEMENT DES PLAIES**
[72] CORMIE, PETER, GB
[72] BECKER, DAVID, GB
[72] WHITMORE, DAVID, GB
[71] UCL BUSINESS PLC, GB
[85] 2015-01-28
[86] 2013-04-23 (PCT/GB2013/000178)
[87] (WO2013/160642)
[30] GB (1207056.1) 2012-04-23

[21] **2,880,331**
[13] A1

[51] **Int.Cl. C07K 14/74 (2006.01) G06F 19/22 (2011.01) A61K 35/14 (2015.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C12N 15/12 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**

[25] EN
[54] **METHOD FOR IDENTIFYING NOVEL MINOR HISTOCOMPATIBILITY ANTIGENS**
[54] **PROCEDE POUR L'IDENTIFICATION DE NOUVEAUX ANTIGENES D'HISTOCOMPATIBILITE MINEURE**
[72] PERREAULT, CLAUDE, CA
[72] THIBAUT, PIERRE, CA
[72] LEMIEUX, SEBASTIEN M., CA
[72] GRANADOS, DIANA POALA, CA
[72] DEV, SRIRANGANADANE, CA
[72] DAOUDA, TARIQ, CA
[72] CARON-LOZOTTE, OLIVIER, CA
[71] UNIVERSITE DE MONTREAL, CA
[85] 2015-01-27
[86] 2013-07-25 (PCT/CA2013/050580)
[87] (WO2014/026277)
[30] US (61/683,361) 2012-08-15
[30] US (61/818,040) 2013-05-01

[21] **2,880,332**
[13] A1

[51] **Int.Cl. C11D 3/08 (2006.01) C11D 3/33 (2006.01) C11D 7/32 (2006.01) C11D 11/00 (2006.01) C11D 17/04 (2006.01)**

[25] EN
[54] **ADW DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE POUR LAVE-VAISSELLE**
[72] CAMPBELL, STUART, DE
[72] HAHN, KARLHEINZ, DE
[72] KIRCHHOFFER, LAURENT, TH
[72] KRUBASIK, LUCIA, DE
[72] PREUSCHEN, JUDITH, DE
[72] VAN LOYEN, DIETMAR, DE
[71] RECKITT BENCKISER N.V., NL
[85] 2015-01-28
[86] 2013-08-06 (PCT/GB2013/052096)
[87] (WO2014/027181)
[30] GB (1214558.7) 2012-08-15

[21] **2,880,335**
[13] A1

[51] **Int.Cl. A01N 25/08 (2006.01) A01N 25/12 (2006.01) A01N 25/26 (2006.01) A01N 25/28 (2006.01) A01N 57/16 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**

[25] EN
[54] **CONTROL OF ARTHROPOD INFESTATION**
[54] **LUTTE CONTRE UNE INFESTATION D'ARTHROPODES**
[72] JESSOP, NICHOLAS HUGH HYLTON, GB
[72] NUNN, ADAM, GB
[71] EXOSECT LIMITED, GB
[85] 2015-01-28
[86] 2013-07-29 (PCT/GB2013/000327)
[87] (WO2014/020295)
[30] GB (1213740.2) 2012-08-01
[30] GB (1302145.6) 2013-02-06

[21] **2,880,338**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 1/00 (2006.01) A61P 9/04 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01)**

[25] EN
[54] **COMPOUNDS AND METHODS FOR INHIBITING NHE-MEDIATED ANTIPORT IN THE TREATMENT OF DISORDERS ASSOCIATED WITH FLUID RETENTION OR SALT OVERLOAD AND GASTROINTESTINAL TRACT DISORDERS**
[54] **COMPOSES ET PROCEDES D'INHIBITION D'UN ANTIPORT A MEDIATION PAR NHE DANS LE TRAITEMENT DE TROUBLES ASSOCIES A UNE RETENTION DE FLUIDE OU A UNE SURCHARGE DE SEL ET DE TROUBLES DU TRACTUS GASTRO-INTESTINAL**
[72] LEADBETTER, MICHAEL, US
[72] BELL, NOAH, US
[72] LEWIS, JASON, US
[72] JACOBS, JEFFREY, US
[72] CARRERAS, CHRISTOPHER, US
[71] ARDELYX, INC., US
[85] 2015-01-28
[86] 2013-08-20 (PCT/GB2013/052192)
[87] (WO2014/029983)
[30] US (61/691,635) 2012-08-21

[21] **2,880,340**
[13] A1

[51] **Int.Cl. D21J 7/00 (2006.01)**

[25] EN
[54] **PACKAGE FOR EGGS AND METHOD FOR MANUFACTURING SAID PACKAGE**
[54] **EMBALLAGE POUR ŒUFS ET SON PROCEDE DE FABRICATION**
[72] ROTH, HANS ERIK, DK
[71] BRODRENE HARTMANN A/S, DK
[85] 2015-01-28
[86] 2012-08-21 (PCT/IB2012/054229)
[87] (WO2014/030032)

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[21] **2,880,341**
[13] A1

[51] **Int.Cl. C10G 67/12 (2006.01) C10L 10/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR COMBINED OXIDATIVE AND HYDROTREATMENT OF HYDROCARBON FUEL**
[54] **PROCEDES ET SYSTEMES POUR LE TRAITEMENT PAR OXYDATION ET L'HYDROTRAITEMENT COMBINES DE CARBURANT DE TYPE HYDROCARBURE**
[72] LOTT, ROGER KAI, CA
[72] YUSOF, KAMALUL ARIFIN, MY
[71] CETAMAX VENTURES LTD., CN
[85] 2015-01-28
[86] 2013-07-23 (PCT/IB2013/002819)
[87] (WO2014/041435)
[30] US (61/677,855) 2012-07-31

[21] **2,880,342**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 14/81 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **CONJUGATES INCLUDING AN ANTIBODY MOIETY, A POLYPEPTIDE THAT TRAVERSES THE BLOOD-BRAIN BARRIER, AND A CYTOTOXIN**
[54] **CONJUGUES CONTENANT UN FRAGMENT D'ANTICORPS, UN POLYPEPTIDE QUI TRAVERSE LA BARRIERE HEMATOENCEPHALIQUE, ET UNE CYTOTOXINE**
[72] CASTAIGNE, JEAN-PAUL, CA
[72] YANG, GAOQIANG, CA
[72] CHE, CHRISTIAN, CA
[72] DEMEULE, MICHEL, CA
[71] ANGIOCHEM INC., CA
[85] 2015-01-27
[86] 2013-08-14 (PCT/CA2013/050625)
[87] (WO2014/026286)
[30] US (61/682,991) 2012-08-14
[30] US (61/865,071) 2013-08-12

[21] **2,880,343**
[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01) A61B 17/11 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONFIGURING AN ARTERIOVENOUS FISTULA**
[54] **APPAREIL DESTINE A CONFIGURER UNE FISTULE ARTERIOVEINEUSE**
[72] ORION, EYAL, IL
[72] GILON, TAMAR, IL
[71] LAMINATE MEDICAL TECHNOLOGIES LTD., IL
[85] 2015-01-28
[86] 2013-08-01 (PCT/IB2013/056322)
[87] (WO2014/020565)
[30] EP (PCT/EP2012/065078) 2012-08-01
[30] US (61/679,016) 2012-08-02
[30] US (61/679,332) 2012-08-03

[21] **2,880,344**
[13] A1

[51] **Int.Cl. E21B 21/10 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **REMOTE ACTIVATED DEFLECTOR**
[54] **DEFLECTEUR ACTIVE A DISTANCE**
[72] DONOVAN, STACEY BLAINE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2012-08-01 (PCT/US2012/049227)
[87] (WO2014/021889)

[21] **2,880,345**
[13] A1

[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **HIT TESTING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ESSAI DE CONTACT**
[72] YU, YANG, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-27
[86] 2013-08-02 (PCT/CN2013/080730)
[87] (WO2014/023193)
[30] CN (201210280078.4) 2012-08-08

[21] **2,880,346**
[13] A1

[51] **Int.Cl. G06K 7/10 (2006.01) G06K 7/00 (2006.01)**
[25] EN
[54] **READ/WRITE DEVICE AND TRANSPONDER FOR EXCHANGING DATA VIA AN ELECTROMAGNETIC FIELD**
[54] **DISPOSITIF DE LECTURE/ECRITURE ET TRANSPONDEUR POUR ECHANGE DE DONNEES VIA UN CHAMP ELECTROMAGNETIQUE**
[72] PLUS, PETER, CH
[72] PLUS, MARCEL, CH
[71] LEGIC IDENTSYSTEMS AG, CH
[85] 2015-01-27
[86] 2013-09-03 (PCT/EP2013/002635)
[87] (WO2014/037097)
[30] CH (01578/12) 2012-09-04

[21] **2,880,347**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 31/4196 (2006.01) A61K 47/20 (2006.01) A61K 47/34 (2006.01)**
[25] EN
[54] **INJECTABLE COMPOSITIONS COMPRISING LETROZOLE OR ANASTROZOLE**
[54] **COMPOSITIONS INJECTABLES COMPRENANT DU LETROZOLE OU DE L'ANASTROZOLE**
[72] FRANCO RODRIGUEZ, GUILLERMO, ES
[72] GUTIERRO ADURIZ, IBON, ES
[71] LABORATORIOS FARMACEUTICOS ROVI, S.A., ES
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[86] 2013-07-29 (PCT/EP2013/065877)
[87] (WO2014/019972)
[30] ES (P 201231271) 2012-08-03

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[21] **2,880,348**
[13] A1

[51] **Int.Cl. E21B 43/116 (2006.01) E21B 43/1185 (2006.01)**
[25] EN
[54] **ENERGY TRANSFER DEVICE**
[54] **DISPOSITIF DE TRANSFERT D'ENERGIE**
[72] GREELEY, WILLIAM, US
[72] KULL, RAIVO, US
[72] SOOHOO, ED, US
[71] FIKE CORPORATION, US
[85] 2015-01-27
[86] 2013-03-15 (PCT/US2013/032243)
[87] (WO2014/007864)
[30] US (61/637,541) 2012-04-24

[21] **2,880,349**
[13] A1

[51] **Int.Cl. H04M 15/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **AGGREGATING DATA IN A MEDIATION SYSTEM**
[54] **AGREGATION DE DONNEES DANS UN SYSTEME DE MEDIATION**
[72] ROSSI, LARRY PAUL, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2015-01-27
[86] 2013-05-28 (PCT/US2013/042820)
[87] (WO2014/021978)
[30] US (13/565,321) 2012-08-02

[21] **2,880,350**
[13] A1

[51] **Int.Cl. F28F 3/08 (2006.01) F24F 12/00 (2006.01) F28F 3/10 (2006.01) F28F 27/02 (2006.01)**
[25] EN
[54] **LIQUID PANEL ASSEMBLY**
[54] **ENSEMBLE PANNEAU A CIRCULATION DE LIQUIDE**
[72] COUTU, KENNETH, CA
[72] HEMINGSON, HOWARD BRIAN, CA
[72] LEPOUDRE, PHILLIP PAUL, CA
[71] VENMAR, CES INC., CA
[85] 2015-01-28
[86] 2013-06-26 (PCT/CA2013/000608)
[87] (WO2014/029003)
[30] US (61/692,798) 2012-08-24
[30] US (61/774,192) 2013-03-07
[30] US (13/797,152) 2013-03-12

[21] **2,880,352**
[13] A1

[51] **Int.Cl. B23P 15/00 (2006.01) B23G 5/06 (2006.01) B23G 5/20 (2006.01) B23G 7/02 (2006.01) F16B 37/08 (2006.01)**
[25] EN
[54] **METHOD AND TOOL FOR PRODUCING A THREAD IN A WORKPIECE**
[54] **PROCEDE ET OUTIL DE CREATION D'UN FILETAGE DANS UNE PIECE**
[72] KOPTON, PETER, DE
[72] HECHTLE, DIETMAR, DE
[72] GLIMPEL, HELMUT, DE
[71] EMUGE-WERK RICHARD GLIMPEL GMBH & CO. KG FABRIK FUR PRAZISIONSWERKZEUGE, DE
[71] AUDI AG, DE
[85] 2014-12-11
[86] 2013-06-10 (PCT/EP2013/061906)
[87] (WO2013/186165)
[30] DE (10 2012 105 183.6) 2012-06-14

[21] **2,880,353**
[13] A1

[51] **Int.Cl. F28F 13/12 (2006.01) F24F 12/00 (2006.01) F28F 3/08 (2006.01) F28F 9/007 (2006.01)**
[25] EN
[54] **MEMBRANE SUPPORT ASSEMBLY FOR AN ENERGY EXCHANGER**
[54] **ENSEMBLE SUPPORT DE MEMBRANE POUR UN ECHANGEUR DE CHALEUR**
[72] LEPOUDRE, PHILLIP PAUL, CA
[72] ERB, BLAKE NORMAN, CA
[72] COUTU, KENNETH, CA
[71] VENMAR, CES INC., CA
[85] 2015-01-28
[86] 2013-06-26 (PCT/CA2013/000609)
[87] (WO2014/029004)
[30] US (61/692,793) 2012-08-24
[30] US (61/774,184) 2013-03-07
[30] US (13/797,062) 2013-03-12

[21] **2,880,355**
[13] A1

[51] **Int.Cl. C22B 3/22 (2006.01) C22B 3/08 (2006.01) C22B 3/26 (2006.01) C22B 60/02 (2006.01)**
[25] EN
[54] **HYDROMETALLURGICAL PROCESS USING MULTI-STAGE NANOFILTRATION**
[54] **PROCEDE HYDROMETALLURGIQUE METTANT EN ŒUVRE UNE NANOFILTRATION A ETAGES MULTIPLES**
[72] LASHKARI, SIAMAK, CA
[72] MOK, FELIX, CA
[72] MUMBA, ANTHONY, CA
[72] RAMASUBBU, GANAPATHY, CA
[71] CHEMETICS INC., CA
[85] 2015-01-28
[86] 2013-08-14 (PCT/CA2013/050623)
[87] (WO2014/029017)
[30] US (61/692,233) 2012-08-23

[21] **2,880,358**
[13] A1

[51] **Int.Cl. C25B 15/08 (2006.01) C25B 1/16 (2006.01) C25B 1/24 (2006.01) C25B 1/34 (2006.01)**
[25] EN
[54] **SIDE STREAM REMOVAL OF IMPURITIES IN ELECTROLYSIS SYSTEMS**
[54] **SOUTIRAGE LATERAL D'IMPURETES DANS DES SYSTEMES D'ELECTROLYSE**
[72] SHAH, AMIT, CA
[71] CHEMETICS INC., CA
[85] 2015-01-28
[86] 2013-08-20 (PCT/CA2013/050643)
[87] (WO2014/029021)
[30] US (61/692,229) 2012-08-22

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[21] **2,880,366**
[13] A1

[51] **Int.Cl. H01H 71/04 (2006.01) G05B 19/042 (2006.01) G08C 17/02 (2006.01) H02B 1/56 (2006.01)**

[25] EN
[54] **SWITCHING APPARATUS WITH RADIO MODULE AND DEACTIVATION FUNCTION**
[54] **DISPOSITIF DE COMMUTATION AVEC MODULE RADIO ET FONCTION DE DESACTIVATION**

[72] REIDT, GEORG, DE
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE

[85] 2015-01-28
[86] 2013-07-26 (PCT/EP2013/065844)
[87] (WO2014/019963)
[30] DE (10 2012 106 923.9) 2012-07-30

[21] **2,880,369**
[13] A1

[51] **Int.Cl. A01N 27/00 (2006.01) A01N 41/10 (2006.01) A01N 43/12 (2006.01) A01N 43/22 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 43/90 (2006.01) A01N 47/02 (2006.01) A01N 47/06 (2006.01) A01N 47/22 (2006.01) A01N 47/24 (2006.01) A01N 47/40 (2006.01) A01N 51/00 (2006.01) A01N 53/06 (2006.01) A01N 53/08 (2006.01) A01P 7/00 (2006.01)**

[25] EN
[54] **COMPOSITIONS COMPRISING A PESTICIDAL TERPENE MIXTURE AND AN INSECTICIDE**
[54] **COMPOSITIONS CONTENANT UN MELANGE TERPENIQUE PESTICIDE ET UN INSECTICIDE**

[72] HELLWEGE, ELKE, DE
[72] ANDERSCH, WOLFRAM, DE
[71] BAYER CROPSCIENCE AG, DE

[85] 2015-01-28
[86] 2013-07-29 (PCT/EP2013/065905)
[87] (WO2014/019983)
[30] EP (12178637.0) 2012-07-31

[21] **2,880,374**
[13] A1

[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/341 (2006.01) A61K 31/381 (2006.01) C07C 225/16 (2006.01) C07D 307/52 (2006.01) C07D 333/22 (2006.01)**

[25] EN
[54] **INHIBITORS OF CD40-TRAF6 INTERACTION**
[54] **INHIBITEURS DE L'INTERACTION CD40-TRAF6**

[72] LUTGENS, ESTHER, NL
[72] WEBER, CHRISTIAN, DE
[72] NICOLAES, GERRY, NL
[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
[71] MAASTRICHT UNIVERSITY, NL
[71] ACADEMISCH ZIEKENHUIS MAASTRICHT, NL

[85] 2015-01-28
[86] 2013-08-27 (PCT/EP2013/067714)
[87] (WO2014/033122)
[30] EP (12181862.9) 2012-08-27

[21] **2,880,376**
[13] A1

[51] **Int.Cl. B63H 9/06 (2006.01)**

[25] EN
[54] **AEROFOIL SAIL**
[54] **VOILE A PROFIL AERODYNAMIQUE**

[72] ROGERS, SIMON MARK, GB
[71] WINDSHIP TECHNOLOGY LIMITED, GB

[85] 2015-01-28
[86] 2013-07-01 (PCT/GB2013/051744)
[87] (WO2014/001824)
[30] GB (1211536.6) 2012-06-29
[30] GB (1303409.5) 2013-02-26

[21] **2,880,377**
[13] A1

[51] **Int.Cl. C10L 5/08 (2006.01) C02F 11/12 (2006.01) C10L 5/28 (2006.01) C10L 5/36 (2006.01) C10L 5/46 (2006.01)**

[25] EN
[54] **PROCEDURE AND EQUIPMENT FOR THE PRODUCTION OF SOLID FUEL FROM WASTEWATER SLUDGE**
[54] **PROCEDURE ET EQUIPEMENT POUR LA PRODUCTION DE COMBUSTIBLE SOLIDE A PARTIR DE BOUES D'EAUX USEES**

[72] VERECKEY, ISTVAN, HU
[72] VERECKEY, ISTVAN IFJ, HU
[72] BOGNAR, BELA, HU
[72] ERCSEY, LASZLO, HU
[71] VERECKEY, ISTVAN, HU
[71] VERECKEY, ISTVAN IFJ, HU
[71] BOGNAR, BELA, HU
[71] ERCSEY, LASZLO, HU

[85] 2015-01-28
[86] 2012-07-31 (PCT/HU2012/000067)
[87] (WO2013/024309)
[30] HU (P11 00410) 2011-08-01

[21] **2,880,383**
[13] A1

[51] **Int.Cl. F16C 25/04 (2006.01) B62D 3/12 (2006.01) F16C 17/02 (2006.01) F16C 29/02 (2006.01) F16C 33/20 (2006.01) F16C 35/02 (2006.01)**

[25] EN
[54] **BUSH BEARING AND RACK-AND-PINION TYPE STEERING APPARATUS FOR AUTOMOBILE USING THE SAME**
[54] **PALIER A DOUILLE ET DISPOSITIF DE DIRECTION A CREMAILLERE DESTINE A L'UTILISATION DANS L'AUTOMOBILE ET UTILISANT CELUI-CI**

[72] ODA, SHUNYA, JP
[72] NISHITANI, YOSUKE, JP
[72] NAKAGAWA, NOBORU, JP
[71] OILES CORPORATION, JP

[85] 2015-01-28
[86] 2013-06-18 (PCT/JP2013/003797)
[87] (WO2014/033992)
[30] JP (2012-190692) 2012-08-30

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[21] **2,880,384**
[13] A1

[51] **Int.Cl. B41M 5/00 (2006.01) B41J 2/01 (2006.01) B41M 5/50 (2006.01) B41M 5/52 (2006.01)**

[25] EN
[54] **INKJET RECORDING MEDIUM**
[54] **SUPPORT D'IMPRESSION A JET D'ENCRE**

[72] WATANABE, MISAKI, JP
[72] CHATANI, AKINOBU, JP
[72] TSUDA, SATOSHI, JP
[72] YOSHIDA, TADASHI, JP
[72] OTSUHATA, TAKANORI, JP
[72] KUTSUWA, KOJI, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
[85] 2015-01-28
[86] 2013-07-29 (PCT/JP2013/070483)
[87] (WO2014/021263)
[30] JP (2012-169580) 2012-07-31
[30] JP (2013-073357) 2013-03-29

[21] **2,880,386**
[13] A1

[51] **Int.Cl. C08L 33/02 (2006.01) A61K 8/365 (2006.01) A61K 8/67 (2006.01) A61K 8/81 (2006.01) A61Q 1/14 (2006.01) A61Q 19/00 (2006.01) C08K 3/16 (2006.01) C08K 3/20 (2006.01) C08K 5/09 (2006.01) C08K 5/098 (2006.01) C08K 5/52 (2006.01)**

[25] EN
[54] **VISCOUS COMPOSITION**
[54] **COMPOSITION VISQUEUSE**

[72] MURAKAMI, RYOSUKE, JP
[72] ASHIDA, TARO, JP
[72] MORIMITSU, YUICHIRO, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2015-01-28
[86] 2013-08-01 (PCT/JP2013/070920)
[87] (WO2014/021434)
[30] JP (2012-173447) 2012-08-03

[21] **2,880,388**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01)**

[25] EN
[54] **TRANS-CLOMIPHENE FORMULATIONS AND USES THEREOF**

[54] **FORMULATIONS TRANS-CLOMIPHENES ET LEURS UTILISATIONS**

[72] PODOLSKI, JOSEPH S., US
[72] HSU, KUANG, US
[71] REPROS THERAPEUTICS INC., US
[85] 2015-01-28
[86] 2013-03-15 (PCT/US2013/032659)
[87] (WO2014/031177)
[30] US (61/691,722) 2012-08-21

[21] **2,880,389**
[13] A1

[51] **Int.Cl. B23K 11/00 (2006.01)**

[25] EN
[54] **CREATING CLAD MATERIALS USING RESISTANCE SEAM**

[54] **CREATION DE MATERIAUX REVETUS PAR SOUDAGE A RESISTANCE EN LIGNE CONTINUE**

[72] GOULD, JERRY E., US
[72] JOHNSON, WENDELL, US
[72] WORKMAN, DAVE, US
[72] CRUZ, JAMES, US
[71] EDISON WELDING INSTITUTE, INC., US
[85] 2015-01-28
[86] 2013-06-05 (PCT/US2013/044320)
[87] (WO2014/143113)
[30] US (61/788,405) 2013-03-15

[21] **2,880,396**
[13] A1

[51] **Int.Cl. G01N 21/41 (2006.01) G01B 9/02 (2006.01) G01P 15/093 (2006.01) G01V 1/18 (2006.01)**

[25] EN
[54] **FIBER OPTIC SENSING SYSTEMS AND METHODS OF OPERATING THE SAME**

[54] **SYSTEMES DE DETECTION A FIBRE OPTIQUE ET LEURS PROCEDES DE FONCTIONNEMENT**

[72] GOLDNER, ERIC LEE, US
[72] CHERBETTCHIAN, AGOP HYGASOV, US
[72] UDD, ERIC, US
[72] LAUT, SOPHIE PIERRETTE, US
[71] US SEISMIC SYSTEMS, INC., US
[85] 2014-10-28
[86] 2013-05-03 (PCT/US2013/039498)
[87] (WO2013/166407)
[30] US (61/642,760) 2012-05-04

[21] **2,880,398**
[13] A1

[51] **Int.Cl. E05B 15/02 (2006.01) E05B 47/00 (2006.01)**

[25] EN
[54] **ELECTRIC STRIKE ASSEMBLY**

[54] **ENSEMBLE GACHE ELECTRIQUE**

[72] SINGH, MANDEEP, CA
[72] MCMILLAN, RYAN, CA
[71] RUTHERFORD CONTROLS INT'L INC., CA
[85] 2015-01-27
[86] 2013-07-30 (PCT/CA2013/050591)
[87] (WO2014/019088)
[30] US (61/677,212) 2012-07-30

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[21] **2,880,400**
[13] A1

[51] **Int.Cl. G01M 3/28 (2006.01)**
[25] EN
[54] **APPARATUS FOR FLUID CONTROL DEVICE LEAK DETECTION**
[54] **APPAREIL POUR DETECTION DE FUI TE DE DISPOSITIF DE REGULATION DE FLUIDE**
[72] COLEMAN, AFTON RENEE, US
[72] COLEMAN, BLAKE WARD, US
[72] HAGEN, STEVEN WILLIAM, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2015-01-27
[86] 2013-08-06 (PCT/US2013/053689)
[87] (WO2014/025717)
[30] US (13/568,992) 2012-08-07

[21] **2,880,402**
[13] A1

[51] **Int.Cl. G05B 19/042 (2006.01)**
[25] EN
[54] **CONTROL SIGNAL PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION DE SIGNAL DE COMMANDE**
[72] SEBERGER, STEPHEN G., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2015-01-27
[86] 2013-08-13 (PCT/US2013/054706)
[87] (WO2014/028472)
[30] US (61/683,089) 2012-08-14

[21] **2,880,404**
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61K 8/14 (2006.01) A61K 9/127 (2006.01) A61K 47/18 (2006.01) A61K 47/28 (2006.01)**
[25] EN
[54] **VESICLES COMPRISING EPIDERMAL GROWTH FACTOR AND COMPOSITIONS THEREOF**
[54] **VESICULES COMPRENANT LE FACTEUR DE CROISSANCE EPIDERMIQUE ET COMPOSITIONS LES CONTENANT**
[72] SANTANA MILIAN, HECTOR JESUS, CU
[72] VENTOSA RULL, LEONOR, ES
[72] MARTINEZ DIAZ, EDUARDO, CU
[72] BERLANGA ACOSTA, JORGE AMADOR, CU

[72] CABRERA PUIG, INGRID, CU
[72] VECIANA MIRO, JAUME, ES
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[85] 2015-01-28
[86] 2013-08-02 (PCT/CU2013/000004)
[87] (WO2014/019555)
[30] CU (2012-0112) 2012-08-02

[21] **2,880,408**
[13] A1

[51] **Int.Cl. H01L 23/485 (2006.01) G06K 19/077 (2006.01) H01L 21/60 (2006.01)**
[25] EN
[54] **CONTACT BUMP CONNECTION AND CONTACT BUMP AND METHOD FOR PRODUCING A CONTACT BUMP CONNECTION**
[54] **CONNEXION DE PLOTS DE CONTACT ET PLOT DE CONTACT ET PROCEDE D'OBTENTION D'UNE CONNEXION DE PLOTS DE CONTACT**
[72] NIELAND, CARSTEN, DE
[72] KRIEBEL, FRANK, DE
[71] SMARTRAC TECHNOLOGY GMBH, DE
[85] 2015-01-28
[86] 2013-08-09 (PCT/DE2013/000451)
[87] (WO2014/023287)
[30] DE (10 2012 015 811.4) 2012-08-10

[21] **2,880,409**
[13] A1

[51] **Int.Cl. C12N 7/02 (2006.01) C12N 7/00 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **PRODUCTION OF INFECTIOUS INFLUENZA VIRUSES**
[54] **PRODUCTION DE VIRUS DE LA GRIPPE INFECTIEUSE**
[72] LEGASTELOIS, ISABELLE, FR
[72] MEDINA, JULIE, FR
[72] MOSTE, CATHERINE, FR
[71] SANOFI PASTEUR, FR
[85] 2015-01-28
[86] 2013-07-29 (PCT/EP2013/065920)
[87] (WO2014/019990)
[30] EP (12305968.5) 2012-08-03

[21] **2,880,410**
[13] A1

[51] **Int.Cl. C07C 229/00 (2006.01) C10M 133/16 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **FRICITION MODIFIERS AND A METHOD OF MAKING THE SAME**
[54] **AGENTS DE MODIFICATION DE FROTTEMENT ET SON PROCEDE DE FABRICATION**
[72] SUEN, YAT FAN, US
[72] BARBAROW, JENNIFER ELIZABETH, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2015-01-28
[86] 2013-07-26 (PCT/US2013/052287)
[87] (WO2014/070268)
[30] US (13/663,734) 2012-10-30

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[21] **2,880,411**
[13] A1

[51] **Int.Cl. A01N 57/10 (2006.01) A01N 57/16 (2006.01) A01N 63/00 (2006.01) A01N 65/00 (2009.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) A01P 5/00 (2006.01) A01P 7/00 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **COMPOSITION COMPRISING NUCLEIC ACIDS OF PARASITIC, PATHOGENIC OR INFESTING BIOLOGICAL SYSTEMS FOR INHIBITING AND/OR CONTROLLING THE GROWTH OF SAID SYSTEMS AND PROCESS FOR THE PREPARATION THEREOF**

[54] **COMPOSITION COMPRENANT DES ACIDES NUCLEIQUES DE SYSTEMES BIOLOGIQUES PARASITAIRES, PATHOGENES OU DE MAUVAISES HERBES DESTINEE A INHIBER ET/OU A LUTTER CONTRE LA CROISSANCE DES DIT SYSTEMES ET SON PROCEDE DE PREPARATION**

[72] MAZZOLENI, STEFANO, IT
[71] NO SELF S.R.L., IT
[85] 2015-01-28
[86] 2013-07-10 (PCT/IT2013/000193)
[87] (WO2014/020624)
[30] IT (NA2012A000046) 2012-08-02

[21] **2,880,412**
[13] A1

[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/16 (2013.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR ADAPTING AUDIO INFORMATION IN SPATIAL AUDIO OBJECT CODING**

[54] **APPAREIL ET PROCEDES PERMETTANT D'ADAPTER DES INFORMATIONS AUDIO DANS UN CODAGE D'OBJET AUDIO SPATIAL**

[72] KASTNER, THORSTEN, DE
[72] HERRE, JURGEN, DE
[72] TERENTIV, LEON, DE
[72] HELLMUTH, OLIVER, DE
[72] PAULUS, JOUNI, DE
[72] RIDDERBUSCH, FALKO, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-01-29
[86] 2013-06-28 (PCT/EP2013/063703)
[87] (WO2014/023477)
[30] US (61/681,732) 2012-08-10

[21] **2,880,413**
[13] A1

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

[25] FR

[54] **METHOD OF PROCESSING DATA REGARDING CONNECTION OF A PLATFORM OF AN INTERNET SITE**

[54] **PROCEDE DE TRAITEMENT DE DONNEES DE CONNEXION D'UNE PLATEFORME D'UN SITE INTERNET**

[72] MALLE, JEAN-PIERRE, FR
[72] MARTY, HENRI, FR
[71] NETWAVE, FR
[85] 2015-01-28
[86] 2013-08-01 (PCT/EP2013/066215)
[87] (WO2014/020120)
[30] FR (1257488) 2012-08-01

[21] **2,880,414**
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01) C10M 125/02 (2006.01) C10M 125/18 (2006.01) C10M 129/40 (2006.01) C10M 133/42 (2006.01) C10M 159/02 (2006.01) C10M 159/04 (2006.01) C10M 159/24 (2006.01) F16L 15/04 (2006.01)**

[25] EN

[54] **TUBULAR THREADED JOINT AND LUBRICATING COATING FORMING COMPOSITION FOR USE THEREIN**

[54] **RACCORD FILETE TUBULAIRE ET COMPOSITION DE FORMATION DE FILM LUBRIFIANT UTILISEE POUR CELUI-CI**

[72] GOTO, KUNIO, JP
[72] TANAKA, YUUJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2015-01-28
[86] 2013-07-31 (PCT/JP2013/070795)
[87] (WO2014/024755)
[30] JP (2012-174117) 2012-08-06

[21] **2,880,415**
[13] A1

[51] **Int.Cl. C08F 226/02 (2006.01) B01D 21/01 (2006.01) C02F 1/56 (2006.01) C08F 220/34 (2006.01) D21H 17/41 (2006.01)**

[25] EN

[54] **NEW CATIONIC POLYMERS**

[54] **NOUVEAUX POLYMERES CATIONIQUES**

[72] MILLARD, PIERRE-ERIC, DE
[72] HERTH, GREGOR, DE
[72] FRIEDRICH, STEFAN, DE
[71] BASF SE, DE
[85] 2014-10-08
[86] 2013-04-05 (PCT/EP2013/057237)
[87] (WO2013/153004)
[30] EP (12164088.2) 2012-04-13

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[21] **2,880,416**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] FR
[54] **DATA-PROCESSING METHOD FOR SITUATIONAL ANALYSIS**
[54] **PROCEDE DE TRAITEMENT DE DONNEES POUR ANALYSE SITUATIONNELLE**
[72] MALLE, JEAN-PIERRE, FR
[72] MARTY, HENRI, FR
[71] NETWAVE, FR
[85] 2015-01-28
[86] 2013-08-01 (PCT/EP2013/066216)
[87] (WO2014/020121)
[30] FR (1257487) 2012-08-01

[21] **2,880,417**
[13] A1

[51] **Int.Cl. B09B 3/00 (2006.01) C04B 7/28 (2006.01)**
[25] EN
[54] **STABILIZED RED MUD AND METHODS OF MAKING THE SAME**
[54] **BOUE ROUGE STABILISEE ET PROCEDES DE PREPARATION DE CETTE DERNIERE**
[72] SKODA, CHARLES, US
[72] BIRDWELL, STEVEN, US
[71] SKODA, CHARLES, US
[71] BIRDWELL, STEVEN, US
[85] 2014-10-08
[86] 2013-04-09 (PCT/US2013/035858)
[87] (WO2013/155120)
[30] US (61/622,071) 2012-04-10

[21] **2,880,418**
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) G06Q 30/02 (2012.01) G06F 9/38 (2006.01) G06F 15/80 (2006.01) G06F 17/30 (2006.01)**
[25] FR
[54] **SYSTEM FOR PROCESSING DATA FOR CONNECTING TO A PLATFORM OF AN INTERNET SITE**
[54] **SYSTEME DE TRAITEMENT DE DONNEES DE CONNEXION A UNE PLATEFORME D'UN SITE INTERNET**
[72] MALLE, JEAN-PIERRE, FR
[72] MARTY, HENRI, FR
[71] NETWAVE, FR
[85] 2015-01-28
[86] 2013-08-01 (PCT/EP2013/066217)
[87] (WO2014/020122)
[30] FR (1257484) 2012-08-01

[21] **2,880,419**
[13] A1

[51] **Int.Cl. A23K 1/165 (2006.01) A23K 1/00 (2006.01) A23K 1/16 (2006.01) A23K 1/175 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **FEED ADDITIVE COMPOSITION**
[54] **COMPOSITION D'ADDITIF POUR ALIMENT POUR ANIMAUX**
[72] ROMERO, LUIS, GB
[72] PLUMSTEAD, PETER, GB
[72] BARNARD, LUKE, GB
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2015-01-28
[86] 2013-08-02 (PCT/EP2013/066247)
[87] (WO2014/020138)
[30] GB (1213801.2) 2012-08-03
[30] US (13/827,730) 2013-03-14

[21] **2,880,420**
[13] A1

[51] **Int.Cl. C07K 1/16 (2006.01) C07K 14/025 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY METHOD FOR PURIFYING HUMAN PAPILLOMAVIRUS VIRUS-LIKE PARTICLES**
[54] **METHODE EXTREMEMENT EFFICACE DE PURIFICATION DE PSEUDO-PARTICULES VIRALES DU PAPILLOMAVIRUS HUMAIN**
[72] KIM, HONG-JIN, KR
[72] KIM, HYOUNG-JIN, KR
[71] KIM, HONG-JIN, KR
[85] 2015-01-28
[86] 2013-07-30 (PCT/KR2013/006823)
[87] (WO2014/021604)
[30] KR (10-2012-0083472) 2012-07-30
[30] KR (10-2013-0085605) 2013-07-19

[21] **2,880,421**
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **REDUCED GLARE INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE A EBLOUISSEMENT REDUIT**
[72] ZHAO, HUAWEI, US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2014-10-07
[86] 2013-06-28 (PCT/US2013/048670)
[87] (WO2014/005068)
[30] US (61/666,413) 2012-06-29

[21] **2,880,422**
[13] A1

[51] **Int.Cl. C07C 229/22 (2006.01)**
[25] EN
[54] **COMPOUNDS**
[54] **COMPOSES**
[72] BRAENDEN, JON ERIK, NO
[72] CHARNOCK, COLIN BARRY, NO
[72] GODAL, ASLAK, NO
[72] KLAVENESS, JO, NO
[72] NILSEN, NILS OLAV, NO
[71] PHOTOCURE ASA, NO
[85] 2015-01-28
[86] 2013-08-02 (PCT/EP2013/066317)
[87] (WO2014/020164)
[30] EP (12179277.4) 2012-08-03
[30] EP (12197305.1) 2012-12-14

[21] **2,880,424**
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DISPENSING FLUID FROM AN INFUSION PUMP**
[54] **DISPOSITIF ET PROCEDE D'ADMINISTRATION DE FLUIDE PAR POMPE A PERFUSION**
[72] PAUL, PATRICK J., US
[72] ARGUELLO, EDWARD D., US
[72] BAPTISTA, ALEXANDRE A.N., US
[71] NIPRO HEALTHCARE SYSTEMS, LLC, US
[85] 2015-01-28
[86] 2013-07-03 (PCT/US2013/049258)
[87] (WO2014/022053)
[30] US (61/677,624) 2012-07-31

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[21] **2,880,425**
[13] A1

[51] **Int.Cl. C09D 4/06 (2006.01) C09D 175/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AND REPAIRING A MULTICOAT COLOR AND/OR EFFECT PAINT SYSTEM**
[54] **PROCEDE DE PRODUCTION ET DE RETOUCHE D'UNE PEINTURE MULTICOUCHE DE COULEUR ET/OU A EFFETS**
[72] STEINMETZ, BERNHARD, DE
[72] MATURA, MICHAEL, DE
[72] GOB, BIANCA, DE
[72] HOFFMANN, PETER, DE
[71] BASF COATINGS GMBH, DE
[85] 2015-01-28
[86] 2013-09-20 (PCT/EP2013/069609)
[87] (WO2014/044814)
[30] EP (12185453.3) 2012-09-21
[30] US (61/703,798) 2012-09-21

[21] **2,880,426**
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01) C04B 35/00 (2006.01) C04B 35/01 (2006.01)**
[25] EN
[54] **SYNTHETIC PROPPANTS AND MONODISPERSED PROPPANTS AND METHODS OF MAKING THE SAME**
[54] **AGENTS DE SOUTENEMENT SYNTHETIQUES ET AGENTS DE SOUTENEMENT MONODISPERSES, ET PROCEDES DE FABRICATION DE CES DERNIERS**
[72] SKALA, ROBERT D., US
[72] FANG, CHRISTOPHER Y., US
[72] COKER, CHRISTOPHER E., US
[71] OXANE MATERIALS, INC., US
[85] 2015-01-28
[86] 2013-07-26 (PCT/US2013/052203)
[87] (WO2014/022210)
[30] US (61/678,318) 2012-08-01

[21] **2,880,427**
[13] A1

[51] **Int.Cl. A61F 13/513 (2006.01) A61F 13/514 (2006.01)**
[25] EN
[54] **DIAPER STRUCTURE WITH ENHANCED TACTILE SOFTNESS ATTRIBUTES**
[54] **STRUCTURE DE COUCHE AVEC ATTRIBUTS DE DOUCEUR TACTILE AMELIORES**
[72] XU, HAN, US
[72] FERRER, JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-28
[86] 2013-07-30 (PCT/US2013/052676)
[87] (WO2014/022362)
[30] US (61/678,163) 2012-08-01

[21] **2,880,428**
[13] A1

[51] **Int.Cl. C08G 59/24 (2006.01) C08G 59/50 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **RESIN COMPOSITION AND COMPOSITE STRUCTURE CONTAINING RESIN**
[54] **COMPOSITION DE RESINE ET STRUCTURE COMPOSITE CONTENANT DE LA RESINE**
[72] MORTIMER, STEPHEN, GB
[72] STEVENS, SCOTT, GB
[71] HEXCEL COMPOSITES LIMITED, GB
[85] 2015-01-28
[86] 2013-09-25 (PCT/EP2013/070024)
[87] (WO2014/049028)
[30] GB (1217226.8) 2012-09-26
[30] GB (1312508.3) 2013-07-12

[21] **2,880,429**
[13] A1

[51] **Int.Cl. G02C 7/02 (2006.01) A61F 2/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY OPTIC**
[54] **OPTIQUE A HAUTE EFFICACITE**
[72] ZHAO, HUAWEI, US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2014-10-07
[86] 2013-07-03 (PCT/US2013/049227)
[87] (WO2014/008343)
[30] US (61/667,544) 2012-07-03

[21] **2,880,430**
[13] A1

[51] **Int.Cl. H04R 1/28 (2006.01)**
[25] EN
[54] **WEATHERPROOF LOUDSPEAKER AND SPEAKER ASSEMBLY**
[54] **ENCEINTE RESISTANTE AUX INTEMPERIES ET ENSEMBLE HAUT-PARLEUR**
[72] RAYNER, GARY, US
[71] TREEFROG DEVELOPMENTS, INC., US
[85] 2015-01-28
[86] 2013-07-30 (PCT/US2013/052800)
[87] (WO2014/022444)
[30] US (61/677,444) 2012-07-30

[21] **2,880,431**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/16 (2006.01)**
[25] EN
[54] **MEMBRANES FOR FLEXIBLE MICROBIAL FUEL CELL CATHODES AND OTHER APPLICATIONS**
[54] **MEMBRANES POUR CATHODES DE PILE A COMBUSTIBLE MICROBIENNES SOUPLES ET AUTRES APPLICATIONS**
[72] REBOUILLAT, SERGE, FR
[72] BISBIS, BENYOUSSEF, LU
[72] FALLON, ROBERT D., US
[72] LUSTIG, STEVEN RAYMOND, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-01-28
[86] 2013-07-30 (PCT/US2013/052606)
[87] (WO2014/022328)
[30] US (61/677,606) 2012-07-31

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[21] **2,880,432**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 1/00 (2006.01) A61P 9/04 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01) C07D 217/04 (2006.01)**

[25] EN

[54] **COMPOUNDS AND METHODS FOR INHIBITING NHE-MEDIATED ANTIPORT IN THE TREATMENT OF DISORDERS ASSOCIATED WITH FLUID RETENTION OR SALT OVERLOAD AND GASTROINTESTINAL TRACT DISORDERS**

[54] **COMPOSES ET PROCEDES DESTINES A INHIBER UN ANTIPORT MEDIE PAR NHE DANS LE TRAITEMENT DES TROUBLES ASSOCIES A UNE RETENTION DE FLUIDE OU A UNE SURCHARGE DE SEL ET DES TROUBLES DU TRACTUS GASTRO-INTESTINAL**

[72] BELL, NOAH, US
[72] CARRERAS, CHRISTOPHER, US
[72] CHARLOT, DOMINIQUE, US
[72] CHEN, TAO, US
[72] LEADBETTER, MICHAEL, US
[72] JACOBS, JEFFREY, US
[72] LEWIS, JASON, US
[71] ARDELYX, INC., US
[85] 2015-01-28
[86] 2013-08-20 (PCT/GB2013/052193)
[87] (WO2014/029984)
[30] US (61/691,637) 2012-08-21

[21] **2,880,433**
[13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/92 (2006.01)**

[25] EN

[54] **ANTIPERSPIRANT COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS ANTISUDORALES ET PROCEDES ASSOCIES**

[72] STURGIS, DAVID ARTHUR, US
[72] WUJEK, STEVEN MICHAEL, SR., US
[72] CHU, PHI VAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-28
[86] 2013-08-01 (PCT/US2013/053231)
[87] (WO2014/022669)
[30] US (61/678,642) 2012-08-02

[21] **2,880,434**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **ATHLETIC MONITORING**

[54] **SURVEILLANCE ATHLETIQUE**

[72] RAYNER, GARY, US
[72] NOLAN, JAMES S., US
[71] TREEFROG DEVELOPMENTS, INC., US
[85] 2015-01-28
[86] 2013-07-30 (PCT/US2013/052789)
[87] (WO2014/022438)
[30] US (61/677,450) 2012-07-30

[21] **2,880,435**
[13] A1

[51] **Int.Cl. E21B 21/10 (2006.01) E21B 23/04 (2006.01) E21B 34/14 (2006.01) E21B 43/14 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **DOWNHOLE APPARATUS AND METHOD**

[54] **APPAREIL DE FOND DE TROU ET PROCEDE**

[72] PURKIS, DANIEL GEORGE, GB
[72] WEBSTER, OLIVER, GB
[72] PATTON, DAMIEN GERARD, GB
[72] MANNING, MATTHEW, GB
[72] CORBETT, STEVE, GB
[72] DUNCAN, IAN, GB
[72] PORTA, SANTIAGO GALVEZ, GB
[71] PETROWELL LIMITED, GB
[85] 2015-01-29
[86] 2013-07-31 (PCT/GB2013/052043)
[87] (WO2014/020335)
[30] GB (1213574.5) 2012-07-31
[30] GB (1223191.6) 2012-12-21

[21] **2,880,436**
[13] A1

[51] **Int.Cl. C07C 271/28 (2006.01) A61K 31/325 (2006.01) A61P 35/00 (2006.01) C07C 271/42 (2006.01) C07C 271/44 (2006.01) C07C 271/56 (2006.01) C07C 271/58 (2006.01)**

[25] EN

[54] **MULTITARGET FAAH AND COX INHIBITORS AND THERAPEUTICAL USES THEREOF**

[54] **INHIBITEURS DE FAAH ET DE COX MULTICIBLES ET LEURS UTILISATIONS THERAPEUTIQUES**

[72] DE VIVO, MARCO, IT
[72] SCARPELLI, RITA, IT
[72] CAVALLI, ANDREA, IT
[72] MIGLIORE, MARCO, IT
[72] PIOMELLI, DANIELE, US
[72] HABRANT, DAMIEN, FR
[72] FAVIA, ANGELO, IT
[71] FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA, IT
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, IT
[85] 2015-01-28
[86] 2013-08-01 (PCT/EP2013/066197)
[87] (WO2014/023643)
[30] EP (PCT/EP2012/065336) 2012-08-06

[21] **2,880,437**
[13] A1

[51] **Int.Cl. E21B 21/10 (2006.01) E21B 23/04 (2006.01) E21B 34/14 (2006.01) E21B 43/14 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **DOWNHOLE APPARATUS AND METHOD**

[54] **APPAREIL DE FOND DE TROU ET PROCEDE**

[72] PURKIS, DANIEL GEORGE, GB
[72] WEBSTER, OLIVER, GB
[72] PATTON, DAMIEN GERARD, GB
[72] MANNING, MATTHEW, GB
[72] CORBETT, STEVE, GB
[72] DUNCAN, IAN, GB
[72] PORTA, SANTIAGO GALVEZ, GB
[71] PETROWELL LIMITED, GB
[85] 2015-01-29
[86] 2013-07-31 (PCT/GB2013/052045)
[87] (WO2014/020336)
[30] GB (1213574.5) 2012-07-31
[30] GB (1223191.6) 2012-12-21

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[21] **2,880,438**
[13] A1

[51] **Int.Cl. B21D 5/14 (2006.01)**
[25] EN
[54] **BENDING MACHINE FOR BENDING PROFILES, METAL SHEETS AND THE LIKE**
[54] **MACHINE DE PLIAGE POUR LE PLIAGE DE PROFILS, FEUILLES METALLIQUES ET ANALOGUE**
[72] MELIGA, MAURO, IT
[71] MELIGA, MAURO, IT
[85] 2015-01-28
[86] 2013-08-06 (PCT/IB2013/056436)
[87] (WO2014/024133)
[30] IT (TO2012A000710) 2012-08-07

[21] **2,880,439**
[13] A1

[51] **Int.Cl. A61K 31/352 (2006.01) A61P 3/10 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **A METHOD OF MANAGING DIABETIC FOOT ULCERS, PRESSURE ULCERS, VENOUS LEG ULCERS AND ASSOCIATED COMPLICATION**
[54] **PROCEDE DE GESTION D'ULCERES DIABETIQUES DU PIED, DE PLAIES DE PRESSION, D'ULCERES VEINEUX DE LA JAMBE ET DE COMPLICATIONS ASSOCIEES**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[71] INDUS BIOTECH PRIVATE LIMITED, IN
[85] 2015-01-28
[86] 2013-08-06 (PCT/IB2013/056439)
[87] (WO2014/024136)
[30] IN (2268/MUM/2012) 2012-08-07

[21] **2,880,440**
[13] A1

[51] **Int.Cl. E04B 5/02 (2006.01) E04B 5/10 (2006.01) E04B 5/19 (2006.01) E04B 5/21 (2006.01) E04C 5/06 (2006.01)**
[25] EN
[54] **JOINTS BETWEEN PRECAST CONCRETE ELEMENTS**
[54] **ARTICULATIONS ENTRE ELEMENTS EN BETON PREMOULE**
[72] STEHLE, JOHN SIEGFRIED, GB
[71] LAING O'ROURKE PLC, GB
[85] 2015-01-29
[86] 2013-08-06 (PCT/GB2013/052094)
[87] (WO2014/023948)
[30] GB (1214123.0) 2012-08-07

[21] **2,880,441**
[13] A1

[51] **Int.Cl. C10L 3/10 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/02 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **HEAVY HYDROCARBON REMOVAL FROM A NATURAL GAS STREAM**
[54] **ELIMINATION D'HYDROCARBURES LOURDS A PARTIR D'UN COURANT DE GAZ NATUREL**
[72] CHEN, FEI, US
[72] LUO, XUKUN, US
[72] OTT, CHRISTOPHER MICHAEL, US
[72] ROBERTS, MARK JULIAN, US
[72] KRISHNAMURTHY, GOWRI, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2015-01-28
[86] 2013-07-31 (PCT/US2013/052933)
[87] (WO2014/022510)
[30] US (PCT/US2012/049506) 2012-08-03
[30] US (13/565,881) 2012-08-03
[30] US (13/611,169) 2012-09-12

[21] **2,880,442**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/415 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **TRANSDERMAL FORMULATION CONTAINING COX INHIBITORS**
[54] **FORMULATION TRANSDERMIQUE CONTENANT DES INHIBITEURS DE COX**
[72] MIKULASIK, ENDRE, HU
[72] SPAITS, TAMAS, HU
[72] SZAKALYNE SINKA, AGOTA, HU
[71] EGIS GYOGYSZERGYAR ZRT., HU
[85] 2015-01-29
[86] 2013-07-31 (PCT/HU2013/000080)
[87] (WO2014/020366)
[30] US (13/562,686) 2012-07-31

[21] **2,880,443**
[13] A1

[51] **Int.Cl. B61L 25/02 (2006.01)**
[25] EN
[54] **LOCATING OF RAIL VEHICLES**
[54] **LOCALISATION DE VEHICULE FERROVIAIRE**
[72] ERNST, HORST, DE
[72] EVERS, BERNHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-01-29
[86] 2013-07-23 (PCT/EP2013/065469)
[87] (WO2014/019886)
[30] DE (10 2012 213 495.6) 2012-07-31

[21] **2,880,444**
[13] A1

[51] **Int.Cl. C02F 1/46 (2006.01) C02F 5/00 (2006.01)**
[25] EN
[54] **DE-IONIZATION TREATMENT DEVICE AND METHOD FOR OPERATING DE-IONIZATION TREATMENT DEVICE**
[54] **DISPOSITIF POUR TRAITEMENT DE DESSALEMENT ET PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF POUR TRAITEMENT DE DESSALEMENT**
[72] KAMIMURA, KAZUHIDE, JP
[72] OTOZAI, HOZUMI, JP
[72] TERAZAKI, TAKESHI, JP
[72] SUZUKI, HIDEO, JP
[72] NAKASHOJI, HIROSHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD., JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-01-28
[86] 2012-08-03 (PCT/JP2012/069874)
[87] (WO2014/020758)

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[21] **2,880,445**
[13] A1

[51] **Int.Cl. A61F 13/84 (2006.01) A61F 13/15 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES COMPRISING PATTERNED NONWOVEN MATERIALS**
[54] **ARTICLES ABSORBANTS COMPRENANT DES MATERIAUX NON-TISSES A MOTIFS**
[72] FERRER, JOHN, US
[72] XU, HAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-28
[86] 2013-08-01 (PCT/US2013/053203)
[87] (WO2014/022652)
[30] US (61/678,159) 2012-08-01

[21] **2,880,446**
[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01)**
[25] EN
[54] **A METHOD FOR PREPARING OXYCODONE**
[54] **PROCEDE DE PREPARATION D'OXYCODONE**
[72] ARCHER, NICOLAS, GB
[72] YOUNG, MAUREEN, GB
[72] DAVIES, TIMOTHY, GB
[72] PRICE, AMY, GB
[72] BEASE, MICHAEL, GB
[72] JAMIESON, BARBARA, GB
[72] GRANT, EWART, US
[72] HEINRICH, BRIAN, US
[72] MATHARU, SAROOP, US
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2015-01-28
[86] 2013-08-02 (PCT/US2013/053338)
[87] (WO2014/022733)
[30] GB (1213874.9) 2012-08-03
[30] GB (1310275.1) 2013-06-10

[21] **2,880,447**
[13] A1

[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4985 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **4-METHYL-2,3,5,9B-PENTAAZACYCLOPENTA[A]NAPHTHALENE S**
[54] **4-METHYL-2,3,5,9B-PENTAAZACYCLOPENTA[A]NAPHTHALENES**
[72] GIOVANNINI, RICCARDO, DE
[72] BERTANI, BARBARA, DE
[72] FRATTINI, SARA, DE
[72] DI ANTONIO, GIUSTINO, DE
[72] LANKAU, HANS-JOACHIM, DE
[72] STANGE, HANS, DE
[72] GRUNWALD, CHRISTIAN, DE
[72] HOFGEN, NORBERT, DE
[72] LANGEN, BARBARA, DE
[72] EGERLAND, UTE, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2015-01-29
[86] 2013-07-29 (PCT/EP2013/065894)
[87] (WO2014/019979)
[30] EP (12178713.9) 2012-07-31

[21] **2,880,448**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD FOR COMPONENT CARRIER CONFIGURATION, BASE STATION AND USER EQUIPMENT**
[54] **PROCEDE POUR LA CONFIGURATION D'UNE COMPOSANTE PORTEUSE, STATION DE BASE, ET EQUIPEMENT D'UTILISATEUR**
[72] HUANG, LEI, CN
[72] LIU, RENMAO, CN
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2015-01-28
[86] 2013-07-30 (PCT/JP2013/004612)
[87] (WO2014/020903)
[30] CN (201210266541.X) 2012-07-31

[21] **2,880,449**
[13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/92 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ANTISUDORALES ET PROCEDES ASSOCIES**
[72] STURGIS, DAVID ARTHUR, US
[72] WUJEK, STEVEN MICHAEL, SR., US
[72] CHU, PHI VAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-28
[86] 2013-08-01 (PCT/US2013/053232)
[87] (WO2014/022670)
[30] US (61/678,642) 2012-08-02

[21] **2,880,450**
[13] A1

[51] **Int.Cl. A61L 27/24 (2006.01) A61K 9/00 (2006.01) A61K 38/39 (2006.01)**
[25] EN
[54] **KIT, USE THEREOF, AND METHOD FOR FILLING CONNECTIVE TISSUE OF THE SKIN**
[54] **KIT, UTILISATION DUDIT KIT ET PROCEDE PERMETTANT DE REMPLIR LE TISSU CONJONCTIF CUTANE**
[72] GRAEVE, THOMAS, DE
[71] AMEDRIX GMBH, DE
[85] 2015-01-29
[86] 2013-07-15 (PCT/EP2013/064917)
[87] (WO2014/019842)
[30] DE (10 2012 213 496.4) 2012-07-31

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[13] A1

[51] **Int.Cl. E04D 1/26 (2006.01)**
[25] EN
[54] **COATING SYSTEM FOR ROOF COVERING WITH PATTERN OF THE COVERING MANTLE BY THREE-DIMENSIONAL EFFECT AND LAMINATED BITUMINOUS TILE**
[54] **SYSTEME DE BARDAGE POUR COUVERTURE DE TOIT AVEC MOTIF DU MANTEAU DE COUVERTURE PAR EFFET TRIDIMENSIONNEL ET TUILE BITUMINEUSE STRATIFIEE**
[72] GRAZIANO, PETERLE, IT
[71] TEGOLA CANADESE SPA, IT
[85] 2015-01-29
[86] 2012-08-01 (PCT/IB2012/001486)
[87] (WO2014/020370)

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[51] **Int.Cl. E21B 19/16 (2006.01) E21B 17/02 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **PIPE JOINT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE RACCORD DE TUYAU**
[72] BELIK, JAROSLAV, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2015-01-28
[86] 2013-08-08 (PCT/US2013/054197)
[87] (WO2014/026038)
[30] US (61/680,896) 2012-08-08

[21] **2,880,453**
[13] A1

[51] **Int.Cl. G02C 7/02 (2006.01) A61B 3/08 (2006.01) G02C 7/06 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE ACCEPTANCE OF PROGRESSIVE ADDITION LENSES**
[54] **PROCEDE DE DETERMINATION DE L'ACCEPTATION DE VERRES PROGRESSIFS**
[72] GRANGER, BERANGERE, FR
[72] ALVAREZ, TARA LYNN, US
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[71] NEW JERSEY INSTITUTE OF TECHNOLOGY, US
[85] 2015-01-29
[86] 2013-07-29 (PCT/EP2013/065870)
[87] (WO2014/019969)
[30] US (13/561,942) 2012-07-30

[21] **2,880,455**
[13] A1

[51] **Int.Cl. A61F 5/445 (2006.01) A61B 19/02 (2006.01)**
[25] EN
[54] **OSTOMY DISPOSAL DEVICE**
[54] **DISPOSITIF D'EVACUATION PAR STOMIE**
[72] DEBEL, SIMON, DK
[71] DEBEL, SIMON, DK
[85] 2015-01-29
[86] 2013-08-01 (PCT/EP2013/066153)
[87] (WO2014/020095)
[30] DK (PA 2012 00483) 2012-08-01
[30] DK (PA 2012 00552) 2012-09-07

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/50 (2006.01) A61K 31/4458 (2006.01)**
[25] EN
[54] **METHYLPHENIDATE EXTENDED RELEASE CHEWABLE TABLET**
[54] **COMPRIME A CROQUER DE METHYLPHENIDATE A LIBERATION MODIFIEE**
[72] TU, YU-HSING, US
[72] PERUMAL, ASHOK, US
[72] KATHALA, KALYAN, US
[71] TRIS PHARMA, INC., US
[85] 2015-01-28
[86] 2013-08-14 (PCT/US2013/054930)
[87] (WO2014/028610)
[30] US (61/683,513) 2012-08-15
[30] US (61/774,783) 2013-03-08

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[13] A1

[51] **Int.Cl. F04D 29/70 (2006.01) F04D 7/04 (2006.01) F04D 13/08 (2006.01) F04D 29/10 (2006.01) F16J 15/26 (2006.01) F16J 15/32 (2006.01)**
[25] EN
[54] **PUMP AND SUBMERSIBLE SOLIDS PROCESSING ARRANGEMENT**
[54] **AMENAGEMENT SUBMERSIBLE DE TRAITEMENT DE SOLIDES ET DE POMPAGE**
[72] KEAN, JAMIE W., US
[72] SAYLOR, GARY, US
[72] NEVIN, DAVID P., US
[72] HILL, MICHAEL, US
[71] WEIR MINERALS AUSTRALIA, LTD., AU
[85] 2015-01-29
[86] 2012-12-19 (PCT/IB2012/002984)
[87] (WO2014/020375)
[30] US (61/677,359) 2012-07-30
[30] US (61/703,014) 2012-09-19
[30] US (13/720,813) 2012-12-19

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[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE ATTRACTION AND REPULSION OF INSECTS**
[54] **COMPOSITIONS ET METHODES POUR ATTIRER ET REPOUSSER LES INSECTES**
[72] BROWN, MICHELLE ARDELLA, US
[72] LOMELI, MARTIN ANTONIO, JR., US
[72] ELKASHEF, SAMER, US
[72] ZION, TRICIA, US
[72] FRUTOS, ULISES, US
[71] OLFACOR LABORATORIES INCORPORATED, US
[85] 2015-01-28
[86] 2013-08-16 (PCT/US2013/055330)
[87] (WO2014/028835)
[30] US (61/684,242) 2012-08-17
[30] US (61/805,172) 2013-03-26
[30] US (61/858,931) 2013-07-26

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[13] A1

[51] **Int.Cl. G06G 7/48 (2006.01) E21B 7/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SIMULATION OF DOWNHOLE CONDITIONS IN A WELL SYSTEM**
[54] **SYSTEME ET PROCEDE POUR SIMULATION DE CONDITIONS DE FOND DE TROU DANS UN SYSTEME DE PUIITS**
[72] GONZALES, ADOLFO C., US
[72] KANG, YONGFENG, US
[72] MITCHELL, ROBERT, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-28
[86] 2013-08-06 (PCT/US2013/053815)
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[30] US (13/567,711) 2012-08-06

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[13] A1

[51] **Int.Cl. F01D 15/08 (2006.01) F01D 15/10 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **DUAL-END DRIVE GAS TURBINE**
[54] **TURBINE A GAZ A ENTRAINEMENT PAR LES DEUX EXTREMITES**
[72] GABELLONI, MARCO DAVIDE, IT
[72] ACQUISTI, GIANNI, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2015-01-29
[86] 2013-08-01 (PCT/EP2013/066168)
[87] (WO2014/020104)
[30] IT (FI2012A000161) 2012-08-03

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[13] A1

[51] **Int.Cl. A62C 3/04 (2006.01) A62C 99/00 (2010.01)**
[25] EN
[54] **FIRE PREVENTION IN STORAGE SILOS**
[54] **PREVENTION DES INCENDIES DANS DES SILOS DE STOCKAGE**
[72] HIBBITT, IAN, GB
[71] LINDE AKITIENGESELLSCHAFT, DE
[85] 2015-01-29
[86] 2013-08-02 (PCT/EP2013/066262)
[87] (WO2014/020144)
[30] GB (1213902.8) 2012-08-02

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[13] A1

[51] **Int.Cl. F21S 8/04 (2006.01) B64D 11/00 (2006.01) F21S 8/00 (2006.01) H01L 51/50 (2006.01)**
[25] EN
[54] **ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] ARUGA, HIROYASU, JP
[72] KATSUME, TADASHI, JP
[71] LUMIOTEC INC., JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-01-28
[86] 2013-09-04 (PCT/JP2013/073779)
[87] (WO2014/038583)
[30] JP (2012-195469) 2012-09-05

[21] **2,880,466**
[13] A1

[51] **Int.Cl. F02C 7/268 (2006.01) F01D 19/00 (2006.01) F02N 11/08 (2006.01) H02J 7/00 (2006.01) H02P 27/04 (2006.01)**
[25] EN
[54] **ELECTRICAL APPARATUS**
[54] **APPAREIL ELECTRIQUE**
[72] DUDLEY, NEIL, GB
[71] SAFRAN POWER UK LTD., GB
[85] 2015-01-29
[86] 2013-08-06 (PCT/EP2013/066472)
[87] (WO2014/023726)
[30] GB (1214246.9) 2012-08-09

[21] **2,880,467**
[13] A1

[51] **Int.Cl. B65D 47/40 (2006.01) B65D 49/00 (2006.01) B65D 49/04 (2006.01) B65D 49/06 (2006.01)**
[25] EN
[54] **FITMENT FOR A CONTAINER**
[54] **RECIPIENT AVEC UN ACCESSOIRE**
[72] LAIB, DOUGLAS, US
[72] BRYANT, JESSICA ROSE, US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2015-01-28
[86] 2013-08-29 (PCT/US2013/057233)
[87] (WO2014/042885)
[30] US (13/621,621) 2012-09-17

[21] **2,880,468**
[13] A1

[51] **Int.Cl. F16C 29/06 (2006.01)**
[25] EN
[54] **GUIDING BODY AND MOTION-GUIDING DEVICE PROVIDED WITH SAME**
[54] **CORPS DE GUIDAGE ET DISPOSITIF DE GUIDAGE DE MOUVEMENT LE COMPRENANT**
[71] THK CO., LTD., JP
[85] 2015-01-28
[86] 2013-09-06 (PCT/JP2013/074063)
[87] (WO2014/042089)
[30] JP (2012-201718) 2012-09-13
[30] JP (2013-007278) 2013-01-18

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[13] A1

[51] **Int.Cl. C07K 1/14 (2006.01) C12P 21/00 (2006.01)**

[25] EN

[54] **METHOD FOR THE PRODUCTION OF POLYPEPTIDES IN THE PERIPLASM OF PROKARYOTIC CELLS**

[54] **PROCEDE DE PRODUCTION DE POLYPEPTIDES DANS LE PERIPLASME DE CELLULE PROCARYOTES**

[72] SCHANTZ, CHRISTIAN, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-01-29

[86] 2013-09-13 (PCT/EP2013/068993)

[87] (WO2014/041116)

[30] EP (12184738.8) 2012-09-17

[21] **2,880,470**
[13] A1

[51] **Int.Cl. B22D 1/00 (2006.01) C21C 5/34 (2006.01) C21C 5/48 (2006.01) F27D 3/16 (2006.01)**

[25] EN

[54] **REFRACTORY CERAMIC GAS PURGING PLUG AND A PROCESS FOR MANUFACTURING SAID GAS PURGING PLUG**

[54] **BOUCHON DE PURGE DE GAZ EN CERAMIQUE REFRACTAIRE ET PROCEDE DE FABRICATION DUDIT BOUCHON DE PURGE DE GAZ**

[72] PELLEGRINO, MICHAEL, US

[72] TRUMMER, BERND, AT

[72] MOHR, GERHARD, DE

[72] SUSS, JENNIFER, DE

[72] BENDER, ANDREAS, DE

[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT

[85] 2015-01-29

[86] 2013-08-06 (PCT/EP2013/066486)

[87] (WO2014/044459)

[30] EP (12185223.0) 2012-09-20

[21] **2,880,473**
[13] A1

[51] **Int.Cl. F04B 49/06 (2006.01) F04B 45/04 (2006.01)**

[25] EN

[54] **PUMP DEVICE AND CONTROL METHOD THEREFOR**

[54] **PROCEDE DE COMMANDE DE CE DISPOSITIF**

[72] NONOMURA, YUJI, JP

[72] SUZUKI, SACHIE, JP

[72] ITOYAMA, RYUJI, JP

[72] YAMANAKA, AKIHIRO, JP

[71] ULVAC KIKO, INC., JP

[85] 2015-01-29

[86] 2012-02-16 (PCT/JP2012/001022)

[87] (WO2013/121462)

[21] **2,880,474**
[13] A1

[51] **Int.Cl. C10M 101/04 (2006.01) C10M 159/08 (2006.01)**

[25] EN

[54] **FRICION MODIFIERS AND A METHOD OF MAKING THE SAME**

[54] **AGENTS DE MODIFICATION DE LA FRICTION ET LEUR PROCEDE DE FABRICATION**

[72] SUEN, YAT FAN, US

[72] SIMARD, FRANCOIS, US

[72] KNIGHT, RACHEL, US

[72] WARD, JOHN, US

[71] CHEVRON ORONITE COMPANY LLC, US

[85] 2015-01-28

[86] 2013-09-12 (PCT/US2013/059384)

[87] (WO2014/070314)

[30] US (13/663,748) 2012-10-30

[21] **2,880,475**
[13] A1

[51] **Int.Cl. H04W 4/06 (2009.01) H04L 12/18 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01) H04M 3/42 (2006.01) H04M 3/56 (2006.01) H04W 4/10 (2009.01) H04W 84/08 (2009.01) H04M 1/725 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR INITIATING AND SHARING INCIDENT INFORMATION IN A COMMUNICATION SYSTEM**

[54] **APPAREIL ET PROCEDE POUR INITIER ET PARTAGER DES INFORMATIONS D'INCIDENT DANS UN SYSTEME DE COMMUNICATION**

[72] VASAVADA, PRANAV L., US

[72] BEDFORD, PATRICE A., US

[72] CAPOTA, OVIDIU A., US

[72] CHARLIER, MICHAEL L., US

[72] TRAN, CHI T., US

[71] MOTOROLA SOLUTIONS, INC., US

[85] 2015-01-28

[86] 2013-07-15 (PCT/US2013/050430)

[87] (WO2014/022079)

[30] US (13/562,657) 2012-07-31

[21] **2,880,476**
[13] A1

[51] **Int.Cl. C09K 8/68 (2006.01) C07F 15/02 (2006.01) C09K 8/64 (2006.01) C09K 8/82 (2006.01) C10L 7/02 (2006.01)**

[25] EN

[54] **CROSSLINKING COMPOSITION FOR HYDROCARBON GELS**

[54] **COMPOSITION DE RETICULATION POUR DES GELS HYDROCARBONES**

[72] GATLIN, LARRY W., US

[72] WALDEN, GLEN E., US

[72] MCMILLAN, ERNEST, US

[71] CST PERFORMANCE PRODUCTS CORP., US

[85] 2015-01-28

[86] 2013-08-13 (PCT/US2013/054729)

[87] (WO2014/028490)

[30] US (13/585,220) 2012-08-14

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[25] EN

[54] **NOVEL PHENYL-PYRIDINE/PYRAZINE AMIDES FOR THE TREATMENT OF CANCER**

[54] **NOUVEAUX AMIDES DE PHENYL-PYRIDINE/PYRAZINE DESTINES AU TRAITEMENT DU CANCER**

[72] HU, HUI, CN
[72] JIANG, MIN, CN
[72] JIN, TAIGUANG, CN
[72] NIU, RUI, CN
[72] WANG, JIANHUA, CN
[72] YANG, SONG, CN
[72] YUAN, TAICHANG, CN
[72] ZHOU, CHENGANG, CN
[72] WANG, MIN, CN
[72] ZHOU, ZHENG, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-29
[86] 2013-08-19 (PCT/EP2013/067224)
[87] (WO2014/029726)
[30] CN (PCT/CN2012/080487) 2012-08-23

[21] **2,880,478**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN

[54] **INSULATED HEAT SOURCE SOURCE DE CHALEUR ISOLEE**

[72] ROUDIER, STEPHANE, CH
[72] BONNELY, SAMUEL, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2015-01-29
[86] 2013-08-29 (PCT/EP2013/067871)
[87] (WO2014/037270)
[30] EP (12182972.5) 2012-09-04

[21] **2,880,479**
[13] A1

[51] **Int.Cl. H01M 4/96 (2006.01) H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 8/02 (2006.01) H01M 8/24 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **ELECTRODE FOR FUEL CELL AND METHOD FOR MANUFACTURING ELECTRODE FOR FUEL CELL, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL**

[54] **ELECTRODE DE PILE A COMBUSTIBLE, PROCEDE DE FABRICATION D'ELECTRODE DE PILE A COMBUSTIBLE, ENSEMBLE ELECTRODE A MEMBRANE ET PILE A COMBUSTIBLE**

[72] HASEGAWA, SHIGEKI, JP
[72] MURATA, SHIGEAKI, JP
[72] IMANISHI, MASAHIRO, JP
[72] NAMBA, RYOICHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-01-29
[86] 2012-08-02 (PCT/JP2012/004911)
[87] (WO2014/020650)

[21] **2,880,480**
[13] A1

[51] **Int.Cl. C04B 18/14 (2006.01) C04B 22/08 (2006.01)**

[25] EN

[54] **GEOPOLYMER CEMENT COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS DE CIMENT GEOPOLYMER ET LEURS PROCEDES D'UTILISATION**

[72] CHATTERJI, JITEN, US
[72] BRENNEIS, DARRELL CHAD, US
[72] KEYS, CRYSTAL LYNNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2013-08-16 (PCT/US2013/055250)
[87] (WO2014/028792)
[30] US (13/587,397) 2012-08-16

[21] **2,880,482**
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01) G09B 23/30 (2006.01)**

[25] EN

[54] **SURGICAL TRAINING MODEL FOR LAPAROSCOPIC PROCEDURES**

[54] **MODELE D'APPRENTISSAGE CHIRURGICAL POUR INTERVENTIONS LAPAROSCOPIQUES**

[72] BRESLIN, TRACY, US
[72] BLACK, KATIE, US
[72] POULSEN, NIKOLAI, US
[72] WACHLI, SERENE, US
[72] HOKE, ADAM, US
[72] PALERMO, MICHAEL, US
[72] GARCES, AMY, US
[72] DEMARCHI, JACQUELINE, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2015-01-28
[86] 2013-09-25 (PCT/US2013/061728)
[87] (WO2014/052478)
[30] US (61/706,591) 2012-09-27

[21] **2,880,483**
[13] A1

[51] **Int.Cl. B66C 23/36 (2006.01)**

[25] EN

[54] **TRAVELER ROLLER ROULEAU DE DEPLACEMENT**

[72] MCCONNELL, RALPH EDWARD, US
[71] MILLER INDUSTRIES TOWING EQUIPMENT, INC., US
[85] 2015-01-28
[86] 2013-07-18 (PCT/US2013/051117)
[87] (WO2014/022113)
[30] US (13/565,100) 2012-08-02

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[13] A1

[51] **Int.Cl. A23K 1/00 (2006.01) A23K 1/165 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **FEED ADDITIVE COMPOSITION**
[54] **COMPOSITION D'ADDITIF ALIMENTAIRE**
[72] ISAKSEN, MAI FAURSCHOU, DK
[72] BERNARDEAU, MARION, FR
[72] MILLAN, LUIS FERNANDO ROMERO, GB
[72] KIARIE, ELIJAH GITUANJAH, US
[72] LUND, SUSAN ARENT, DK
[72] NURMINEN, PAIVI HELENA, FI
[72] FORSSTEN, SOFIA, FI
[72] DAVIS, MARI ELLEN, US
[72] PETRI, DANIEL, US
[72] GALBRAITH, ELIZABETH ANN, US
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2015-01-29
[86] 2013-08-02 (PCT/EP2013/066254)
[87] (WO2014/020141)
[30] US (61/679,084) 2012-08-03

[21] **2,880,486**
[13] A1

[51] **Int.Cl. A61F 5/042 (2006.01) A61F 5/05 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **SEMI-RIGID SHOULDER BRACES AND RELATED METHODS**
[54] **REDRESSEURS SEMI-RIGIDES ET METHODES ASSOCIEES**
[72] EX-LUBESKIE, CHELSEA LEA, US
[72] DONALDSON, MEREDITH COLE, US
[72] CSERNICA, RILEY MORGAN, US
[72] GROVE, KAITLIN KATHLEEN, US
[72] THIGPEN, CHARLES ALDEN, US
[71] CLEMSON UNIVERSITY, US
[85] 2015-01-28
[86] 2013-08-20 (PCT/US2013/055777)
[87] (WO2014/031632)
[30] US (61/691,929) 2012-08-22

[21] **2,880,487**
[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/4178 (2006.01) A61K 31/427 (2006.01) A61K 31/429 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 405/06 (2006.01) C07D 417/06 (2006.01)**
[25] EN
[54] **COMPOUND AND PHARMACEUTICAL COMPOSITION FOR NEUROPSYCHOLOGICAL DISORDER OR MALIGNANT TUMOR**
[54] **UTILISATION D'UN COMPOSE ET D'UNE COMPOSITION PHARMACEUTIQUE POUR UN TROUBLE NEUROPSYCHOLOGIQUE OU UNE TUMEUR MALIGNNE**
[72] HAGIWARA, MASATOSHI, JP
[72] ONOGI, HIROSHI, JP
[72] KII, ISAO, JP
[72] HOSOYA, TAKAMITSU, JP
[72] SUMIDA, YUTO, JP
[71] KYOTO UNIVERSITY, JP
[71] NATIONAL UNIVERSITY CORPORATION, TOKYO MEDICAL AND DENTAL UNIVERSITY, JP
[71] KINOPHARMA, INC., JP
[85] 2015-01-29
[86] 2013-07-30 (PCT/JP2013/070636)
[87] (WO2014/021337)
[30] JP (2012-168850) 2012-07-30

[21] **2,880,489**
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **STRIKE ASSEMBLY**
[54] **ENSEMBLE GACHE**
[72] SINGH, MANDEEP, CA
[71] RUTHERFORD CONTROLS INT'L INC., CA
[85] 2015-01-29
[86] 2013-10-10 (PCT/CA2013/050768)
[87] (WO2014/056109)
[30] US (61/712,068) 2012-10-10
[30] US (61/737,450) 2012-12-14

[21] **2,880,490**
[13] A1

[51] **Int.Cl. G06F 1/20 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **NANO-MACHINED MATERIALS USING FEMTOSECOND PULSE-LASER TECHNOLOGIES FOR INCREASED SURFACE AREA AND HEAT-POWER DISSIPATION**
[54] **MATERIAUX NANO-USINES AU MOYEN DE TECHNIQUES A LASER PULSE FEMTOSECONDE POUR ACCROITRE LA SUPERFICIE ET LA DISSIPATION DE PUISSANCE THERMIQUE**
[72] RIVAS, VICTOR A., US
[71] RIVAS, VICTOR A., US
[85] 2015-01-29
[86] 2012-08-06 (PCT/US2012/049694)
[87] (WO2014/025332)

[21] **2,880,492**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **CONTESTS AND SWEEPSTAKES**
[54] **CONCOURS ET SWEEPSTAKES**
[72] LAMPERT, EDWARD S., US
[72] AGASTI, VARUN REDDY, US
[72] MULTER, SCOTT H., US
[72] MUNJAL, LEENA, US
[72] CHANDRASEKARAN, SUNDARESAN, US
[72] SKOLER, FREDERICK W., US
[71] SEARS BRANDS, LLC, US
[85] 2015-01-28
[86] 2013-08-01 (PCT/US2013/053218)
[87] (WO2014/022662)
[30] US (61/678,547) 2012-08-01

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[21] 2,880,493 [13] A1	[21] 2,880,495 [13] A1	[21] 2,880,497 [13] A1
<p>[51] Int.Cl. H01H 45/14 (2006.01) H01H 45/04 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRONIC COMPONENT ASSEMBLY, CONNECTION STRUCTURE OF ELECTRONIC COMPONENT ASSEMBLY AND TERMINAL FITTING, AND ELECTRICAL CONNECTION BOX HAVING ELECTRONIC COMPONENT ASSEMBLY</p> <p>[54] ASSEMBLAGE DE COMPOSANTS ELECTRONIQUES, STRUCTURE DE RACCORDEMENT D'ASSEMBLAGE DE COMPOSANTS ELECTRONIQUES ET DE RACCORD DE BORNE, ET BOITIER DE RACCORDEMENT ELECTRIQUE DOTE D'UNASSEMBLAGE DE COMPOSANTS ELECTRONIQUES</p> <p>[72] KAWAMURA, YUKIHIRO, JP</p> <p>[71] YAZAKI CORPORATION, JP</p> <p>[85] 2015-01-29</p> <p>[86] 2013-08-20 (PCT/JP2013/072138)</p> <p>[87] (WO2014/030627)</p> <p>[30] JP (2012-182525) 2012-08-21</p>	<p>[51] Int.Cl. H01B 5/10 (2006.01)</p> <p>[25] EN</p> <p>[54] SURFACE MODIFIED OVERHEAD CONDUCTOR</p> <p>[54] CONDUCTEUR AERIEN MODIFIE EN SURFACE</p> <p>[72] DAVIS, CODY R., US</p> <p>[72] RANGANATHAN, SATISH KUMAR, US</p> <p>[72] ANDERSEN, RYAN, US</p> <p>[72] MHETAR, VIJAY, US</p> <p>[72] TEMPLE, WILLIAM S., US</p> <p>[72] SIRIPURAPU, SRINIVAS, US</p> <p>[72] BAKER, GORDON, US</p> <p>[72] FREESTONE, JAMES, US</p> <p>[72] DOSS, DENNIS L., US</p> <p>[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US</p> <p>[85] 2015-01-29</p> <p>[86] 2013-04-19 (PCT/US2013/037433)</p> <p>[87] (WO2014/025420)</p> <p>[30] US (61/681,926) 2012-08-10</p> <p>[30] US (61/702,120) 2012-09-17</p> <p>[30] US (61/769,492) 2013-02-26</p> <p>[30] US (61/800,608) 2013-03-15</p> <p>[30] US (13/863,902) 2013-04-16</p>	<p>[51] Int.Cl. E21B 49/00 (2006.01) G06F 17/18 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND SYSTEMS RELATED TO HYDROCARBON RECOVERY STRATEGY DEVELOPMENT</p> <p>[54] PROCEDES ET SYSTEMES SE RAPPORTANT AU DEVELOPPEMENT D'UNE STRATEGIE DE RECUPERATION D'HYDROCARBURES</p> <p>[72] TEMIZEL, CENK, US</p> <p>[71] LANDMARK GRAPHICS CORPORATION, US</p> <p>[85] 2015-01-29</p> <p>[86] 2013-06-03 (PCT/US2013/043872)</p> <p>[87] (WO2014/021983)</p> <p>[30] US (13/562,440) 2012-07-31</p>
<p style="text-align: center;">[21] 2,880,494 [13] A1</p> <p>[51] Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 13/00 (2006.01) A61P 25/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ALKOXY PYRAZOLES AS SOLUBLE GUANYLATE CYCLASE ACTIVATORS</p> <p>[54] ALCOXYPYRAZOLES COMME ACTIVATEURS DE GUANYLATE CYCLASE SOLUBLE</p> <p>[72] BRENNEMAN, JEHRD BURNETT, US</p> <p>[72] GINN, JOHN DAVID, US</p> <p>[72] LOWE, MICHAEL D., US</p> <p>[72] SARKO, CHRISTOPHER RONALD, US</p> <p>[72] TASBER, EDWARD S., US</p> <p>[72] ZHANG, ZHONGHUA, US</p> <p>[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE</p> <p>[85] 2015-01-28</p> <p>[86] 2013-09-03 (PCT/US2013/057826)</p> <p>[87] (WO2014/039434)</p> <p>[30] US (61/697,899) 2012-09-07</p>	<p style="text-align: center;">[21] 2,880,496 [13] A1</p> <p>[51] Int.Cl. C07H 21/02 (2006.01) C07B 59/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SYNTHESIS OF DEUTERATED RIBO NUCLEOSIDES, N-PROTECTED PHOSPHoramidites, AND OLIGONUCLEOTIDES</p> <p>[54] SYNTHESE DE RIBONUCLEOSIDES, DE PHOSPHoramidites N-PROTEGES ET D'OLIGONUCLEOTIDES DEUTERES</p> <p>[72] SRIVASTAVA, SURESH C., US</p> <p>[72] YASKO, AMY, US</p> <p>[71] ASED, LLC, US</p> <p>[85] 2015-01-29</p> <p>[86] 2013-07-31 (PCT/US2013/053035)</p> <p>[87] (WO2014/022566)</p> <p>[30] US (13/563,343) 2012-07-31</p>	

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[21] **2,880,498**
[13] A1

[51] **Int.Cl. C07C 311/37 (2006.01) A61K 31/18 (2006.01) A61K 31/415 (2006.01) A61K 31/44 (2006.01) A61K 31/505 (2006.01) A61K 31/664 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) C07C 311/08 (2006.01) C07C 311/48 (2006.01) C07C 311/49 (2006.01) C07D 213/74 (2006.01) C07D 231/38 (2006.01) C07D 237/20 (2006.01) C07D 239/42 (2006.01) C07D 239/47 (2006.01) C07D 241/20 (2006.01) C07D 261/14 (2006.01) C07D 277/42 (2006.01)**

[25] EN

[54] **A7 NICOTINIC ACETYLCHOLINE RECEPTOR MODULATORS AND USES THEREOF-I**

[54] **MODULATEURS DU RECEPTEUR ?7 NICOTINIQUE D'ACETYLCHOLINE ET LEURS UTILISATIONS**

[72] HARVEY, ANDREW, AU
[72] AVERY, THOMAS, AU
[72] PAUL, DHARAM, AU
[72] RIPPER, JUSTIN, AU
[72] HUFF, BELINDA, AU
[72] SINGH, RAJINDER, AU
[72] SCHAEFFER, LAURENT, FR
[72] JOSEPH, CHRISTOPHE, FR
[72] MORICE, CHRISTOPHE, FR
[72] GIETHLEN, BRUNO, FR
[71] MERCK SHARP & DOHME CORP., US

[85] 2015-01-29
[86] 2013-08-01 (PCT/AU2013/000849)
[87] (WO2014/019023)
[30] AU (2012903296) 2012-08-01
[30] AU (2013900167) 2013-01-18

[21] **2,880,499**
[13] A1

[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MONITORING OIL/GAS SEPARATION PROCESSES**

[54] **SYSTEMES ET PROCEDES POUR CONTROLER DES PROCESSUS DE SEPARATION PETROLE/GAZ**

[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-28
[86] 2013-09-03 (PCT/US2013/057832)
[87] (WO2014/042909)
[30] US (13/618,152) 2012-09-14

[21] **2,880,500**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01)**

[25] EN

[54] **TRANSFERRING A STATE OF AN APPLICATION FROM A FIRST COMPUTING DEVICE TO A SECOND COMPUTING DEVICE**

[54] **TRANSFERT D'UN ETAT D'UNE APPLICATION D'UN PREMIER DISPOSITIF INFORMATIQUE A UN SECOND DISPOSITIF INFORMATIQUE**

[72] KUSCHER, ALEXANDER FRIEDRICH, US
[72] WUELLNER, TROND THOMAS, US
[72] STEFANOV, HRISTO STEFANOV, US
[71] GOOGLE INC., US

[85] 2015-01-29
[86] 2013-05-07 (PCT/US2013/039838)
[87] (WO2014/021967)
[30] US (13/562,209) 2012-07-30

[21] **2,880,501**
[13] A1

[51] **Int.Cl. B67D 7/70 (2010.01) F04D 13/04 (2006.01) F04D 13/12 (2006.01)**

[25] EN

[54] **MULTIPLE PUMP SYSTEM**

[54] **SYSTEME A POMPES MULTIPLES**

[72] MACKAY, MICHAEL, US
[71] GP STRATEGIES CORPORATION, US

[85] 2015-01-29
[86] 2013-07-23 (PCT/US2013/051645)
[87] (WO2014/022151)
[30] US (13/564,400) 2012-08-01

[21] **2,880,502**
[13] A1

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

[25] EN

[54] **METHOD FOR IDENTIFYING A SYSTEM ANOMALY IN A POWER DISTRIBUTION SYSTEM**

[54] **PROCEDE D'IDENTIFICATION D'UNE ANOMALIE SYSTEME DANS UN SYSTEME DE DISTRIBUTION D'ENERGIE**

[72] HARAPNUK, BRIAN, CA
[72] LUAN, WENPENG, CA
[72] XU, WILSON, CA
[71] BRITISH COLUMBIA HYDRO AND POWER AUTHORITY, CA

[85] 2015-01-29
[86] 2012-07-31 (PCT/CA2012/000739)
[87] (WO2014/019055)

[21] **2,880,503**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 52/18 (2009.01) H04W 52/36 (2009.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR SUPPORT OF ADDITIONAL MAXIMUM POWER REDUCTION BY USER EQUIPMENT**

[54] **APPAREIL ET PROCEDE POUR LA PRISE EN CHARGE D'UNE REDUCTION DE PUISSANCE MAXIMALE SUPPLEMENTAIRE PAR UN EQUIPEMENT UTILISATEUR**

[72] PIIPPONEN, ANTTI, FI
[72] VASENKARI, PETRI, FI
[71] NOKIA CORPORATION, FI

[85] 2015-01-29
[86] 2013-07-29 (PCT/FI2013/050776)
[87] (WO2014/023875)
[30] US (61/679,930) 2012-08-06

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<p style="text-align: center;">[21] 2,880,504 [13] A1</p> <p>[51] Int.Cl. H04N 21/235 (2011.01) H04N 21/435 (2011.01)</p> <p>[25] EN</p> <p>[54] A METHOD AND AN APPARATUS FOR PROCESSING A BROADCAST SIGNAL INCLUDING AN INTERACTIVE BROADCAST SERVICE</p> <p>[54] PROCEDE ET APPAREIL POUR TRAITER UN SIGNAL DE DIFFUSION CONTENANT UN SERVICE DE RADIODIFFUSION INTERACTIVE</p> <p>[72] KIM, KYUNGHO, KR [72] THOMAS, GOMER, US [72] AN, SEUNGJOO, KR [72] KIM, JINPIL, KR [72] OH, SEJIN, KR [72] MOON, KYOUNGSOO, KR [71] LG ELECTRONICS INC., KR [85] 2015-01-29 [86] 2013-08-07 (PCT/KR2013/007130) [87] (WO2014/025207) [30] US (61/680,279) 2012-08-07</p>	<p style="text-align: center;">[21] 2,880,506 [13] A1</p> <p>[51] Int.Cl. A61K 45/06 (2006.01) A61K 31/4184 (2006.01) A61K 31/4196 (2006.01) A61K 31/4439 (2006.01) A61K 31/445 (2006.01) A61K 31/566 (2006.01) A61K 31/5685 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PHARMACEUTICAL COMBINATION COMPRISING A PHOSPHATIDYLINOSITOL 3-KINASE INHIBITOR AND AN AROMATASE INHIBITOR</p> <p>[54] COMBINAISON PHARMACEUTIQUE COMPRENANT UN INHIBITEUR DE PHOSPHATIDYLINOSITOL 3-KINASE ET UN INHIBITEUR D'AROMATASE</p> <p>[72] GOLDBRUNNER, MICHAEL, CH [72] HUANG, XIZHONG, US [71] NOVARTIS AG, CH [85] 2015-01-28 [86] 2013-09-18 (PCT/US2013/060292) [87] (WO2014/047109) [30] US (61/703,533) 2012-09-20 [30] US (61/708,070) 2012-10-01</p>	<p style="text-align: center;">[21] 2,880,508 [13] A1</p> <p>[51] Int.Cl. B67D 1/07 (2006.01) B67D 1/12 (2006.01)</p> <p>[25] EN</p> <p>[54] BEVERAGE DISPENSING APPARATUS WITH A CARBONATION SYSTEM</p> <p>[54] APPAREIL DE DISTRIBUTION DE BOISSONS COMPRENANT UN SYSTEME DE CARBONATATION</p> <p>[72] WILDER, HAIM, IL [72] KRYSTAL, EYAL, IL [72] MERON, MORDECHAY, IL [72] GORDON, BENNY, IL [72] EYAL, EHUD, IL [71] STRAUSS WATER LTD., IL [85] 2015-01-29 [86] 2013-09-11 (PCT/IL2013/050768) [87] (WO2014/041539) [30] IL (221929) 2012-09-13</p>
<p style="text-align: center;">[21] 2,880,505 [13] A1</p> <p>[51] Int.Cl. A61B 10/02 (2006.01) A61B 17/34 (2006.01)</p> <p>[25] EN</p> <p>[54] DEPTH CONTROLLED JAMSHIDI NEEDLE</p> <p>[54] AIGUILLE JAMSHIDI A PROFONDEUR CONTROLEE</p> <p>[72] GEIST, WYATT DRAKE, US [72] NUNLEY, PIERCE DALTON, US [71] SAFE WIRE HOLDINGS, LLC, US [85] 2015-01-29 [86] 2013-07-31 (PCT/US2013/053038) [87] (WO2014/022567) [30] US (61/677,684) 2012-07-31</p>	<p style="text-align: center;">[21] 2,880,507 [13] A1</p> <p>[51] Int.Cl. G01V 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR EDITING A MULTI-POINT FACIES SIMULATION</p> <p>[54] PROCEDE D'EDITION D'UNE SIMULATION DE FACIES MULTIPOINT</p> <p>[72] THORNE, JULIAN, US [71] CHEVRON U.S.A. INC., US [85] 2015-01-29 [86] 2013-07-31 (PCT/US2013/053048) [87] (WO2014/022573) [30] US (13/564,225) 2012-08-01</p>	<p style="text-align: center;">[21] 2,880,509 [13] A1</p> <p>[51] Int.Cl. C10G 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] SEPARATING HYDROCARBONS AND INORGANIC MATERIAL</p> <p>[54] SEPARATION DES HYDROCARBURES ET DES MATIERES INORGANIQUES</p> <p>[72] WILCHOWSKI, MATHIAS, DE [72] HANSEN, KNUT, NO [71] ENNOX OIL SOLUTIONS INC., NO [85] 2015-01-29 [86] 2012-12-04 (PCT/NO2012/000067) [87] (WO2013/172716) [30] NO (20120579) 2012-05-16</p>
		<p style="text-align: center;">[21] 2,880,510 [13] A1</p> <p>[51] Int.Cl. B25B 23/00 (2006.01) B25B 13/06 (2006.01) B25B 21/02 (2006.01) B25B 31/00 (2006.01) B25G 1/10 (2006.01)</p> <p>[25] EN</p> <p>[54] TORSION BAR</p> <p>[54] BARRE DE TORSION</p> <p>[72] WISSLING, MATTHIAS, CH [72] ECKSTEIN, ANDREAS, DE [72] MEIER, ROBERT, AT [72] ZITZMANN, RALF, AT [71] HILTI AKTIENGESELLSCHAFT, LI [85] 2015-01-29 [86] 2013-07-24 (PCT/EP2013/065595) [87] (WO2014/019907) [30] DE (10 2012 213 432.8) 2012-07-31</p>

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[21] **2,880,512**
[13] A1

[51] **Int.Cl. G01V 11/00 (2006.01)**
[25] EN
[54] **HYBRID METHOD OF COMBINING MULTIPOINT STATISTIC AND OBJECT-BASED METHODS FOR CREATING RESERVOIR PROPERTY MODELS**

[54] **PROCEDE HYBRIDE DE COMBINAISON DE PROCEDES DE STATISTIQUES MULTIPOINETS ET BASES SUR UN OBJET POUR CREATION DE MODELES DE PROPRIETE DE RESERVOIR**

[72] THORNE, JULIAN, US
[71] CHEVRON U.S.A. INC., US
[85] 2015-01-29
[86] 2013-07-31 (PCT/US2013/053056)
[87] (WO2014/022578)
[30] US (13/564,258) 2012-08-01

[21] **2,880,513**
[13] A1

[51] **Int.Cl. A61M 39/22 (2006.01) A61M 1/36 (2006.01) F16K 11/00 (2006.01) F16K 35/04 (2006.01)**

[25] EN
[54] **BLOOD FLOW REVERSAL VALVES AND RELATED SYSTEMS**

[54] **VANNES D'INVERSION DU FLUX SANGUIN ET SYSTEMES ASSOCIES**

[72] SCHLAEPER, CHRISTIAN, DE
[72] PETER, HARALD, DE
[72] CRNKOVICH, MARTIN JOSEPH, US
[71] FREDENIUS MEDICAL CARE HOLDINGS, INC., US
[71] FRESANIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2015-01-28
[86] 2013-09-24 (PCT/US2013/061285)
[87] (WO2014/074231)
[30] US (61/705,411) 2012-09-25

[21] **2,880,514**
[13] A1

[51] **Int.Cl. A42B 1/06 (2006.01) A41D 13/05 (2006.01) A61F 7/00 (2006.01) A61F 11/14 (2006.01)**

[25] EN
[54] **EAR WARMER**

[54] **DISPOSITIF DE PROTECTION DES OREILLES CONTRE LE FROID**

[72] TANKERSLEY, AMY, US
[72] REEDER, PAUL, US
[72] BRAUN, ERIKA, US
[72] CAMPBELL, GEORGE, US
[72] GOFF, JENNIFER, US
[71] 180S, INC., US
[85] 2015-01-29
[86] 2012-08-02 (PCT/US2012/049326)
[87] (WO2013/019950)
[30] US (61/514,467) 2011-08-02

[21] **2,880,515**
[13] A1

[51] **Int.Cl. C10G 65/02 (2006.01) C10G 47/00 (2006.01)**

[25] EN
[54] **RESIDUE HYDROCRACKING**

[54] **HYDROCRAQUAGE DE RESIDUS**

[72] MUKHERJEE, UJJAL K., US
[72] BALDASSARI, MARIO C., US
[71] LUMMUS TECHNOLOGY INC., US
[85] 2015-01-29
[86] 2013-07-15 (PCT/US2013/050487)
[87] (WO2014/022082)
[30] US (13/566,682) 2012-08-03

[21] **2,880,516**
[13] A1

[51] **Int.Cl. F01D 9/06 (2006.01) F01D 25/16 (2006.01)**

[25] EN
[54] **BUCKLE JOINT FOR SPLIT FAIRING OF A GAS TURBINE ENGINE**

[54] **JOINTURE DE BOUCLE POUR UN CARENAGE DIVISE D'UN MOTEUR A TURBINE A GAZ**

[72] DREISCHARF, DEREK THOMAS, US
[72] RYCZEK, SCOTT PATRICK, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-29
[86] 2013-07-30 (PCT/US2013/052672)
[87] (WO2014/022358)
[30] US (61/678,342) 2012-08-01

[21] **2,880,518**
[13] A1

[51] **Int.Cl. A23L 3/015 (2006.01) A23L 3/01 (2006.01) B30B 15/28 (2006.01)**

[25] EN
[54] **HIGH PRESSURE CONTAINER FOR WITHSTANDING FATIGUE OPERATING CYCLES**

[54] **RECIPIENT A HAUTE PRESSION POUVANT SUPPORTER DES CYCLES DE TRAVAIL INDUISANT UNE FATIGUE**

[72] DE ORTE GLARIA, BENITO ANDRES, ES
[71] METRONICS TECHNOLOGIES, S.L., ES
[85] 2015-01-29
[86] 2012-08-03 (PCT/ES2012/000217)
[87] (WO2014/020185)

[21] **2,880,519**
[13] A1

[51] **Int.Cl. H01L 51/42 (2006.01)**

[25] EN
[54] **ORGANIC OPTOELECTRONICS WITH ELECTRODE BUFFER LAYERS**

[54] **ELEMENTS OPTO-ELECTRONIQUES ORGANIQUES AVEC COUCHES DE TAMPON D'ELECTRODE**

[72] LASSITER, BRIAN, US
[72] ZIMMERMAN, JERAMY D., US
[72] FORREST, STEPHEN R., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2015-01-29
[86] 2013-07-31 (PCT/US2013/053061)
[87] (WO2014/022580)
[30] US (61/678,497) 2012-08-01

[21] **2,880,520**
[13] A1

[51] **Int.Cl. C07K 14/59 (2006.01) A61K 38/00 (2006.01)**

[25] EN
[54] **GLYCOPROTEIN HORMONE LONG-ACTING SUPERAGONISTS**

[54] **SUPERAGONISTES A ACTION DE LONGUE DUREE DES HORMONES GLYCOPROTEINES**

[72] SZKUDLINSKI, MARIUSZ, US
[72] WEINTRAUB, BRUCE D., US
[71] TROPHOGEN INC., US
[85] 2015-01-29
[86] 2013-07-29 (PCT/US2013/052510)
[87] (WO2014/022283)
[30] US (61/677,331) 2012-07-30

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[13] A1

[51] **Int.Cl. A42B 1/06 (2006.01)**
[25] EN
[54] **EAR WARMER**
[54] **DISPOSITIF DE PROTECTION DES OREILLES CONTRE LE FROID**

[72] TANKERSLEY, AMY, US
[72] REEDER, PAUL, US
[72] BRAUN, ERIKA, US
[72] CAMPBELL, GEORGE, US
[72] GOFF, JENNIFER, US
[71] 180S, INC., US
[85] 2015-01-29
[86] 2012-08-02 (PCT/US2012/049327)
[87] (WO2013/019951)
[30] US (61/514,470) 2011-08-02

[21] **2,880,523**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 25/02 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**

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[54] **ARYL LACTAM KINASE INHIBITORS**
[54] **INHIBITEURS D'ARYL LACTAME KINASE**

[72] VRUDHULA, VIVEKANANDA M., US
[72] PAN, SENLIANG, US
[72] RAJAMANI, RAMKUMAR, US
[72] NARA, SUSHEEL JETHANAND, IN
[72] KARATHOLUVHU, MAHESWARAN SIVASAMBAN, IN
[72] MAISHAL, TARUN KUMAR, IN
[72] DITTA, JONATHAN L., US
[72] DZIERBA, CAROLYN DIANE, US
[72] BRONSON, JOANNE J., US
[72] MACOR, JOHN E., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2015-01-29
[86] 2013-07-24 (PCT/US2013/051831)
[87] (WO2014/022167)
[30] US (61/677,856) 2012-07-31
[30] US (13/946,344) 2013-07-19

[21] **2,880,524**
[13] A1

[51] **Int.Cl. C09K 8/035 (2006.01)**
[25] EN
[54] **LOST CIRCULATION MATERIAL WITH A MULTI-MODAL LARGE PARTICLE SIZE DISTRIBUTION**

[54] **MATERIAU DE PERTE DE CIRCULATION A GRANDE REPARTITION DE TAILLE DE PARTICULE MULTIMODALE**

[72] MILLER, MATTHEW L., US
[72] WHITFILL, DONALD L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-29
[86] 2013-07-29 (PCT/US2013/052529)
[87] (WO2014/022292)
[30] US (13/563,519) 2012-07-31

[21] **2,880,526**
[13] A1

[51] **Int.Cl. A61L 29/06 (2006.01) A61L 29/14 (2006.01)**

[25] EN
[54] **SELF-LUBRICATED CATHETERS**
[54] **CATHETERS AUTOLUBRIFIES**

[72] ROSTAMI, SHAMSEDIN, GB
[72] SHUTT, JOEL D., US
[71] HOLLISTER INCORPORATED, US
[85] 2015-01-29
[86] 2013-07-26 (PCT/US2013/052269)
[87] (WO2014/022227)
[30] US (61/677,733) 2012-07-31

[21] **2,880,527**
[13] A1

[51] **Int.Cl. F16B 31/02 (2006.01)**
[25] EN
[54] **CONTROLLED TORQUE FASTENERS AND METHODS FOR USING SAME**

[54] **DISPOSITIFS D'ATTACHE A CONTROLE DU COUPLE ET PROCEDES POUR LEUR UTILISATION**

[72] O'SULLIVAN, EDWARD, US
[71] TYCO ELECTRONICS CORPORATION, US
[85] 2015-01-29
[86] 2013-08-01 (PCT/US2013/053156)
[87] (WO2014/022633)
[30] US (13/566,322) 2012-08-03

[21] **2,880,529**
[13] A1

[51] **Int.Cl. F02B 63/04 (2006.01)**
[25] EN
[54] **FULLY AUTOMATED EMERGENCY GENERATOR FUEL OIL SYSTEM AND METHOD FOR OPERATION THEREOF**

[54] **SYSTEME D'ALIMENTATION EN CARBURANT DE GENERATEUR DE SECOURS ENTIEREMENT AUTOMATISE ET SON PROCEDE DE FONCTIONNEMENT**

[72] LESCURE, MICHAEL, US
[72] LESCURE, ALLEN, US
[72] LESCURE, BRIAN, US
[71] LESCURE, MICHAEL, US
[71] LESCURE, ALLEN, US
[71] LESCURE, BRIAN, US
[85] 2015-01-29
[86] 2012-09-13 (PCT/US2012/055253)
[87] (WO2013/040273)
[30] US (61/534,329) 2011-09-13

[21] **2,880,530**
[13] A1

[51] **Int.Cl. H01G 11/22 (2013.01) H01G 11/54 (2013.01)**

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[54] **CAPACITOR**
[54] **CONDENSATEUR**

[72] SHODAI, YOSHIO, JP
[71] TOYO TANSO CO., LTD., JP
[85] 2015-01-29
[86] 2013-08-07 (PCT/JP2013/071368)
[87] (WO2014/024921)
[30] JP (2012-176495) 2012-08-08

[21] **2,880,532**
[13] A1

[51] **Int.Cl. F25D 3/00 (2006.01) F28D 20/02 (2006.01)**

[25] EN
[54] **COLD STORAGE DEVICE AND COOLING SYSTEM ARRANGEMENT**

[54] **DISPOSITIF D'ACCUMULATION DE FROID ET ENSEMBLE D'INSTALLATION FRIGORIFIQUE**

[72] GOSELING, HUBERT, DE
[71] GOSELING UG, DE
[85] 2015-01-29
[86] 2013-07-31 (PCT/DE2013/000418)
[87] (WO2014/019567)
[30] DE (10 2012 213 542.1) 2012-08-01

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[21] **2,880,533**
[13] A1

[51] **Int.Cl. B60G 9/00 (2006.01) B60G 11/04 (2006.01)**
[25] EN
[54] **MOTOR VEHICLE AXLE SUSPENSION WITH LONGITUDINAL LEAF SPRING**
[54] **SUSPENSION D'ESSIEU DE VEHICULE AUTOMOBILE A RESSORT A LAMES LONGITUDINAL**
[72] DILWORTH, DAMON ELWOOD, US
[72] BLOINK, MICHAEL PAUL, US
[72] DUDDING, ASHLEY THOMAS, US
[72] LUMETTA, SAMMY C., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2015-01-29
[86] 2013-08-01 (PCT/US2013/053246)
[87] (WO2014/025616)
[30] US (61/680,125) 2012-08-06
[30] US (13/839,651) 2013-03-15

[21] **2,880,534**
[13] A1

[51] **Int.Cl. B29C 73/02 (2006.01) B29C 73/00 (2006.01)**
[25] EN
[54] **INTEGRATED SUPPLYING APPARATUS FOR GAS AND SIZING**
[54] **APPAREIL D'APPORT POUR L'INTEGRATION DE GAZ ET DE MELANGE DE CAOUTCHOUC**
[72] HONG, DAVID, CN
[71] ACTIVE TOOLS INTERNATIONAL (HK) LTD., CN
[85] 2015-01-29
[86] 2012-07-31 (PCT/CN2012/079447)
[87] (WO2013/113215)
[30] TW (101201894) 2012-02-02

[21] **2,880,536**
[13] A1

[51] **Int.Cl. A61L 2/10 (2006.01) A61L 2/08 (2006.01) A61L 2/16 (2006.01) A61L 2/20 (2006.01)**
[25] EN
[54] **METHODS FOR ORGANIZING THE DISINFECTION OF ONE OR MORE ITEMS CONTAMINATED WITH BIOLOGICAL AGENTS**
[54] **PROCEDES D'ORGANISATION DE DESINFECTION D'UN OU DE PLUSIEURS ARTICLES CONTAMINES PAR DES AGENTS BIOLOGIQUES**
[72] JINEDATHA, CHETAN, US
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2015-01-29
[86] 2013-08-01 (PCT/US2013/053307)
[87] (WO2014/022717)
[30] US (61/678,558) 2012-08-01

[21] **2,880,537**
[13] A1

[51] **Int.Cl. A61G 5/08 (2006.01)**
[25] EN
[54] **FOLDABLE WHEELCHAIR FRAME INCLUDING A SELF LOCKING DEVICE**
[54] **CADRE DE FAUTEUIL ROULANT PLIABLE COMPRENANT UN DISPOSITIF A VERROUILLAGE AUTONOME**
[72] LAURET, AURELIE, FR
[72] JOUANNET, CHRISTIAN, FR
[72] DA CUNHA, WILFRID, FR
[72] RONCIN, JEAN-MICHEL, FR
[71] INVACARE INTERNATIONAL SARL, CH
[85] 2015-01-29
[86] 2012-07-31 (PCT/IB2012/053910)
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[21] **2,880,539**
[13] A1

[51] **Int.Cl. B01D 45/04 (2006.01) B01D 45/08 (2006.01)**
[25] EN
[54] **METHODS FOR HANDLING COAL PROCESSING EMISSIONS AND ASSOCIATED SYSTEMS AND DEVICES**
[54] **PROCEDES DE PRISE EN CHARGE DES EMISSIONS RESULTANT DU TRAITEMENT DU CHARBON ET SYSTEMES ET DISPOSITIFS ASSOCIES**
[72] RODGERS, BRADLEY THOMAS, US
[72] PRIEN, JUSTIN LEIGH, US
[72] GILL, MATT WILLIAM, US
[72] QUANCI, JOHN FRANCIS, US
[72] SARPEN, JACOB PETER, US
[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
[85] 2015-01-29
[86] 2012-09-28 (PCT/US2012/057980)
[87] (WO2014/021909)
[30] US (61/678,018) 2012-07-31

[21] **2,880,540**
[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/18 (2006.01)**
[25] EN
[54] **ROTATING TURBINE COMPONENT WITH PREFERENTIAL HOLE ALIGNMENT**
[54] **COMPOSANT DE TURBINE ROTATIF A ALIGNEMENT DE TROU PREFERENTIEL**
[72] PEARSON, SHAWN MICHAEL, US
[72] BRASSFIELD, STEVEN ROBERT, US
[72] MOLTER, STEPHEN MARK, US
[72] STEGEMILLER, MARK EDWARD, US
[72] ERTEL, NICHOLAS, US
[72] CAMARILLO, VANESSA, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-29
[86] 2013-07-30 (PCT/US2013/052667)
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[30] US (61/680,018) 2012-08-06

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[21] **2,880,541**
[13] A1

[51] **Int.Cl. B01D 17/00 (2006.01) C09K 8/035 (2006.01) C09K 8/36 (2006.01)**

[25] EN

[54] **CATIONIC VINYL IMIDAZOLIUM-BASED COPOLYMER FOR SEPARATING AN OIL-IN-WATER EMULSION**

[54] **COPOLYMER A BASE D'IMIDAZOLIUM VINYLIQUE CATIONIQUE POUR SEPARER UNE EMULSION HUILE DANS L'EAU**

[72] YANJARAPPA, M. J., IN

[72] BOYER, CECILE, US

[72] HOYLES, STEPHEN M., US

[72] POINDEXTER, MICHAEL K., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2015-01-29

[86] 2013-07-30 (PCT/US2013/052693)

[87] (WO2014/022372)

[30] US (61/677,066) 2012-07-30

[21] **2,880,542**
[13] A1

[51] **Int.Cl. C07D 403/10 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/4178 (2006.01) A61K 31/4192 (2006.01) A61K 31/422 (2006.01) A61K 31/4439 (2006.01) A61K 31/4709 (2006.01) A61P 31/04 (2006.01) A61P 31/06 (2006.01) C07D 231/12 (2006.01)**

[25] EN

[54] **ANTIBACTERIAL PROTEIN KINASE INHIBITORS**

[54] **INHIBITEURS DE PROTEINE KINASE ANTIBACTERIENNE**

[72] CHEN, CHING-SHIH, US

[72] SALUNKE, SANTOSH, US

[72] SCHLESINGER, LARRY, US

[72] AZAD, ABUL K., US

[71] THE OHIO STATE UNIVERSITY, US

[85] 2015-01-29

[86] 2013-07-30 (PCT/US2013/052706)

[87] (WO2014/022382)

[30] US (61/677,251) 2012-07-30

[30] US (61/820,956) 2013-05-08

[21] **2,880,544**
[13] A1

[51] **Int.Cl. B29C 70/30 (2006.01) B29C 65/14 (2006.01)**

[25] EN

[54] **COMPOSITE ARTICLE CURING**

[54] **CUISSON D'ARTICLES COMPOSITES**

[72] OUELLETTE, JOSEPH, CA

[71] OUELLETTE, JOSEPH, CA

[85] 2015-01-29

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[87] (WO2013/023281)

[30] US (61/522,802) 2011-08-12

[21] **2,880,545**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 10/10 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DESIGNING, DEVELOPING, AND SHARING ASSAYS**

[54] **SYSTEMES ET PROCEDES POUR CONCEVOIR, DEVELOPPER ET PARTAGER DES ESSAIS**

[72] AKLIAN, MANNIX, US

[71] AKLIAN, MANNIX, US

[85] 2015-01-29

[86] 2013-08-02 (PCT/US2013/053453)

[87] (WO2014/022787)

[30] US (13/566,654) 2012-08-03

[21] **2,880,549**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/22 (2012.01) G01V 99/00 (2009.01) G01V 3/12 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF MANAGING INVENTORY IN A MEDICAL FACILITY**

[54] **SYSTEMES ET PROCEDES DE GESTION D'INVENTAIRE DANS UN ETABLISSEMENT MEDICAL**

[72] ASSOULINE, JONATHAN, CA

[72] LARSSON, ANDERS, CA

[72] PHILIPPE, RICHARD, CA

[72] RACETTE, JEAN-PHILLIPPE, CA

[71] ASSOULINE, JONATHAN, CA

[71] LARSSON, ANDERS, CA

[71] PHILIPPE, RICHARD, CA

[71] RACETTE, JEAN-PHILLIPPE, CA

[85] 2015-01-29

[86] 2013-07-30 (PCT/CA2013/000676)

[87] (WO2014/019069)

[30] US (61/677,283) 2012-07-30

[21] **2,880,551**
[13] A1

[51] **Int.Cl. A61G 7/057 (2006.01) A47C 27/10 (2006.01) A61G 7/065 (2006.01)**

[25] EN

[54] **INFLATABLE MATTRESS AND CONTROL METHODS**

[54] **MATELAS GONFLABLE ET PROCEDES DE COMMANDE**

[72] LAFLECHE, PATRICK, US

[72] BHIMAVARAPU, KRISHNA, US

[72] SESHADRINATHAN, MANIKANTAN, US

[72] ROBERTSON, DONNA-MARIE, US

[71] STRYKER CORPORATION, US

[85] 2015-01-23

[86] 2013-08-29 (PCT/US2013/057216)

[87] (WO2014/039360)

[30] US (61/696,819) 2012-09-05

[30] US (13/836,813) 2013-03-15

[21] **2,880,552**
[13] A1

[51] **Int.Cl. H01R 4/34 (2006.01) H01H 71/08 (2006.01)**

[25] EN

[54] **ATTACHMENT APPARATUS USABLE IN CIRCUIT INTERRUPTER ENVIRONMENT AND STRUCTURED TO CONNECT A RING TERMINAL TO THE CIRCUIT INTERRUPTER**

[54] **APPAREIL DE FIXATION CONCU POUR ETRE UTILISE DANS UN ENVIRONNEMENT D'INTERRUPTEUR DE CIRCUIT ET STRUCTURE DE FACON A CONNECTER UNE COSSE A □ILLET A L'INTERRUPTEUR DE CIRCUIT**

[72] EBERTS, WILLIAM GEORGE, US

[72] KOLBERG, KENNETH D., US

[71] EATON CORPORATION, US

[85] 2015-01-29

[86] 2013-08-09 (PCT/US2013/054321)

[87] (WO2014/062283)

[30] US (13/655,932) 2012-10-19

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[21] **2,880,553**
[13] A1

[51] **Int.Cl. E01C 23/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LIFTING AND LEVELING A CONCRETE PANEL**
[54] **PROCEDE ET APPAREIL POUR SOULEVER ET METTRE A NIVEAU UN PANNEAU DE BETON**
[72] SIQUEIROS, BALTAZAR, US
[71] SIQUEIROS, BALTAZAR, US
[85] 2015-01-29
[86] 2013-08-09 (PCT/US2013/054366)
[87] (WO2014/031365)
[30] US (13/594,604) 2012-08-24

[21] **2,880,555**
[13] A1

[51] **Int.Cl. C08B 15/00 (2006.01) A23K 1/00 (2006.01) A61K 8/73 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **SURFACE MODIFIED NANOCRYSTALLINE CELLULOSE AND USES THEREOF**
[54] **CELLULOSE NANOCRYSTALLINE A SURFACE MODIFIEE ET SES UTILISATIONS**
[72] BERRY, RICHARD M., CA
[72] PARINAZ AKHLAGHI, SEYEDEH, CA
[72] TAM, KAM CHIU, CA
[71] CELLUFORCE INC., CA
[85] 2015-01-29
[86] 2013-07-17 (PCT/CA2013/050555)
[87] (WO2014/019082)
[30] US (61/679,297) 2012-08-03

[21] **2,880,556**
[13] A1

[51] **Int.Cl. A01D 41/14 (2006.01)**
[25] EN
[54] **CUTTING UNIT**
[54] **MECANISME DE COUPE**
[72] ZURN, ROLF, DE
[71] ZURN HARVESTING GMBH & CO. KG, DE
[85] 2015-01-29
[86] 2013-07-31 (PCT/EP2013/066101)
[87] (WO2014/023632)
[30] DE (10 2012 214 079.4) 2012-08-08

[21] **2,880,558**
[13] A1

[51] **Int.Cl. E21B 29/10 (2006.01)**
[25] EN
[54] **EXPANDABLE LINER**
[54] **CHEMISE EXTENSIBLE**
[72] DELANGE, RICHARD W., US
[72] SETTERBERG, JOHN RICHARD, JR., US
[72] OSBURN, SCOTT H., US
[72] HASHEM, GHAZI J., US
[72] GALLOWAY, GREGORY GUY, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-01-29
[86] 2013-07-30 (PCT/US2013/052759)
[87] (WO2014/022417)
[30] US (61/677,383) 2012-07-30
[30] US (61/693,669) 2012-08-27
[30] US (61/798,095) 2013-03-15
[30] US (61/843,198) 2013-07-05

[21] **2,880,559**
[13] A1

[51] **Int.Cl. D07B 7/12 (2006.01) C23F 11/08 (2006.01) D07B 1/00 (2006.01) E04C 5/02 (2006.01)**
[25] EN
[54] **CORROSION PROTECTION OF CABLES IN A CONCRETE STRUCTURE**
[54] **PROTECTION CONTRE LA CORROSION DE CABLES DANS UNE STRUCTURE DE BETON**
[72] WHITMORE, DAVID, CA
[71] WHITMORE, DAVID, CA
[85] 2015-01-29
[86] 2013-08-06 (PCT/CA2013/050604)
[87] (WO2014/026279)
[30] US (13/585,180) 2012-08-14

[21] **2,880,561**
[13] A1

[51] **Int.Cl. B25J 11/00 (2006.01) A61H 1/00 (2006.01)**
[25] EN
[54] **ADAPTIVE ARM SUPPORT SYSTEMS AND METHODS FOR USE**
[54] **SYSTEMES DE SUPPORT DE BRAS ADAPTATIFS ET PROCEDES D'UTILISATION**
[72] DOYLE, MARK C., US
[71] LEVITATE TECHNOLOGIES, INC., US
[85] 2015-01-29
[86] 2013-07-30 (PCT/US2013/052782)
[87] (WO2014/022433)
[30] US (13/563,728) 2012-07-31

[21] **2,880,562**
[13] A1

[51] **Int.Cl. C07C 29/149 (2006.01) C07C 31/125 (2006.01) C07C 67/03 (2006.01) C07C 67/08 (2006.01) C07C 69/24 (2006.01) C07C 69/26 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A FATTY ALCOHOL FROM A FATTY ACID**
[54] **PROCEDE DE FABRICATION D'UN ALCOOL GRAS A PARTIR D'UN ACIDE GRAS**
[72] CASSIDY, PAUL JOHN, GB
[72] WILD, ROBERT, GB
[72] ANDERSSON, RIKARD, GB
[72] TILLEY, SIMON NICHOLAS, GB
[72] BACKES, ADRIAN, GB
[71] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
[85] 2015-01-29
[86] 2013-10-03 (PCT/GB2013/052584)
[87] (WO2014/057248)
[30] GB (1218078.2) 2012-10-09

[21] **2,880,564**
[13] A1

[51] **Int.Cl. B29C 73/02 (2006.01) B60C 23/10 (2006.01) B60S 5/04 (2006.01) F04B 39/06 (2006.01)**
[25] EN
[54] **HEAT DISSIPATION STRUCTURE OF TIRE REPAIRING MACHINE**
[54] **STRUCTURE DE DISSIPATION DE CHALEUR D'UNE MACHINE DE REPARATION DE PNEU**
[72] HONG, DAVID, CN
[71] ACTIVE TOOLS INTERNATIONAL (HK) LTD., CN
[85] 2015-01-29
[86] 2012-07-31 (PCT/CN2012/079455)
[87] (WO2013/131355)
[30] TW (101203944) 2012-03-05

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[13] A1

[51] **Int.Cl. A23L 1/236 (2006.01) A23L 2/60 (2006.01) A61K 36/42 (2006.01)**
[25] EN
[54] **SWEETENER COMPOSITIONS CONTAINING REBAUDIOSIDE B**
[54] **COMPOSITIONS D'EDULCORANT CONTENANT DU REBAUDIOSIDE B**
[72] QUINLAN, MARY, GB
[72] ZHOU, YUQING, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
[85] 2015-01-29
[86] 2013-07-31 (PCT/US2013/052821)
[87] (WO2014/022456)
[30] US (61/678,273) 2012-08-01

[21] **2,880,567**
[13] A1

[51] **Int.Cl. D21H 11/18 (2006.01) D21H 11/20 (2006.01)**
[25] EN
[54] **MICROFIBROUS CELLULOSE AGGREGATE, METHOD FOR MANUFACTURING MICROFIBROUS CELLULOSE AGGREGATE, AND METHOD FOR REMANUFACTURING MICROFIBROUS CELLULOSE DISPERSION LIQUID**
[54] **PRODUIT AGGLOMERE DE CELLULOSE SOUS FORME DE MICROFIBRES AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI, ET PROCEDE DE RECYCLAGE DE LIQUIDE DE DISPERSION DE CELLULOSE SOUS FORME DEMICROFIBRES**
[72] BANZASHI, GO, JP
[72] NAGATANI, HIROYUKI, JP
[72] IWAI, SHINO, JP
[71] OJI HOLDINGS CORPORATION, JP
[85] 2015-01-29
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[87] (WO2014/024876)
[30] JP (2012-178345) 2012-08-10
[30] JP (2012-178347) 2012-08-10

[21] **2,880,568**
[13] A1

[51] **Int.Cl. E21B 33/16 (2006.01) E21B 23/08 (2006.01) E21B 34/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MULTI-ZONE CEMENTED FRACTURING SYSTEM**
[54] **SYSTEME DE FRACTURATION CIMENTEE A ZONES MULTIPLES**
[72] ANDERSEN, CLAYTON R., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-01-29
[86] 2013-07-31 (PCT/US2013/053077)
[87] (WO2014/022589)
[30] US (61/677,911) 2012-07-31

[21] **2,880,569**
[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01) A61K 35/66 (2015.01)**
[25] EN
[54] **MICRONIZED PLACENTAL TISSUE COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS MICRONISEES DE TISSU PLACENTAIRE ET METHODES DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] DANIEL, JOHN, US
[72] SPENCER, RANDALL, US
[72] SITH, SOMALY, US
[71] MIMEDX GROUP INC., US
[85] 2015-01-29
[86] 2013-08-09 (PCT/US2013/054322)
[87] (WO2014/028327)
[30] US (61/683,700) 2012-08-15

[21] **2,880,570**
[13] A1

[51] **Int.Cl. G01C 21/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROL, MONITORING AND MAPPING OF AGRICULTURAL APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE, DE SURVEILLANCE ET DE CARTOGRAPHIE D'APPLICATIONS AGRICOLES**
[72] KOCH, JUSTIN, US
[72] SAUDER, DOUG, US
[72] SAUDER, TIM, US
[72] STUBER, JAKOB, US
[71] PRECISION PLANTING LLC, US
[85] 2015-01-29
[86] 2013-08-12 (PCT/US2013/054506)
[87] (WO2014/026183)
[30] US (61/682,074) 2012-08-10
[30] US (61/738,292) 2012-12-17

[21] **2,880,571**
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **NOVEL BRAZZEIN MULTIPLE VARIANT OF INCREASED SWEETNESS, AND PRODUCTION METHOD FOR SAME**
[54] **NOUVEAU VARIANT MULTIPLE DE LA BRAZZEINE DE GOUT SUCRE ACCRU ET PROCEDE DE PRODUCTION DUDIT VARIANT**
[72] KONG, KWANG HOON, KR
[72] DO, HYEONDONG, KR
[71] CHUNG-ANG UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2015-01-29
[86] 2013-02-01 (PCT/KR2013/000840)
[87] (WO2014/021526)
[30] KR (10-2012-0083473) 2012-07-30

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[21] **2,880,572**
[13] A1

[51] **Int.Cl. A61B 5/1455 (2006.01)**
[25] EN
[54] **WIRELESS, HANDHELD, TISSUE OXIMETRY DEVICE**
[54] **DISPOSITIF D'OXYMETRIE DE TISSUS TENU A LA MAIN ET SANS FIL**
[72] BECHTEL, KATE LEEANN, US
[72] HEANUE, JOSEPH, US
[72] LLOYD, LESTER, US
[72] SOLOMON, EDWARD, US
[71] VIOPTIX, INC., US
[85] 2015-01-29
[86] 2013-08-12 (PCT/US2013/054585)
[87] (WO2014/026200)
[30] US (61/682,146) 2012-08-10
[30] US (13/887,130) 2013-05-03
[30] US (13/887,220) 2013-05-03
[30] US (13/887,213) 2013-05-03
[30] US (13/887,178) 2013-05-03
[30] US (13/887,152) 2013-05-03

[21] **2,880,573**
[13] A1

[51] **Int.Cl. B29D 29/08 (2006.01) C08L 21/00 (2006.01) C08L 23/16 (2006.01) C08L 33/08 (2006.01) F16G 1/28 (2006.01)**
[25] EN
[54] **POWER TRANSMISSION BELT**
[54] **COURROIE DE TRANSMISSION D'ENERGIE**
[72] FENG, YUDING, US
[71] GATES CORPORATION, US
[85] 2015-01-29
[86] 2013-08-14 (PCT/US2013/054981)
[87] (WO2014/028641)
[30] US (61/683,511) 2012-08-15

[21] **2,880,574**
[13] A1

[51] **Int.Cl. D21H 21/42 (2006.01) D21H 21/44 (2006.01)**
[25] EN
[54] **OPTICALLY VARIABLE SECURITY THREADS AND STRIPES**
[54] **FILS ET BANDES DE SECURITE OPTIQUEMENT VARIABLES**
[72] RITTER, GEBHARD, CH
[72] DEGOTT, PIERRE, CH
[72] YE, ZHONGDONG, CN
[72] SUN, FANGYI, CN
[72] WANG, WEIRU, CN
[72] HU, CHUNHUA, CN
[72] LI, XIANG, CN
[71] SICPA HOLDING SA, CH
[71] CHINA BANKNOTE PRINTING AND MINTING CORPORATION, CN
[71] ZHONGCHAO SPECIAL SECURITY TECHNOLOGY CO., LTD., CN
[71] CHINA BANKNOTE SICPA SECURITY INK CO., LTD., CN
[85] 2015-01-29
[86] 2012-08-29 (PCT/CN2012/080718)
[87] (WO2014/032238)

[21] **2,880,576**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **PYRAZOLOPYRIMIDINE COMPOUNDS**
[54] **COMPOSES PYRAZOLOPYRIMIDINE**
[72] COE, DIANE MARY, GB
[72] SMITH, STEPHEN ALLAN, GB
[71] GLAXOSMITHKLINE LLC, US
[85] 2015-01-29
[86] 2013-08-22 (PCT/US2013/056107)
[87] (WO2014/031815)
[30] US (61/692,853) 2012-08-24
[30] US (61/774,094) 2013-03-07

[21] **2,880,578**
[13] A1

[51] **Int.Cl. A61K 31/5517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BENZODIAZEPINES FOR TREATING SMALL CELL LUNG CANCER**
[54] **BENZODIAZEPINES DESTINEES A TRAITER LE CANCER DU POUMON A PETITES CELLULES**
[72] BARBASH, OLENA I, US
[72] TUMMINO, PETER JOHN, US
[71] GLAXOSMITHKLINE LLC, US
[85] 2015-01-29
[86] 2013-08-14 (PCT/US2013/054818)
[87] (WO2014/028547)
[30] US (61/683,811) 2012-08-16
[30] US (61/814,886) 2013-04-23

[21] **2,880,579**
[13] A1

[51] **Int.Cl. F17D 5/02 (2006.01) F16L 55/26 (2006.01) F17D 3/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INSPECTING AND MONITORING A PIPELINE**
[54] **SYSTEMES ET PROCEDES D'INSPECTION ET DE SURVEILLANCE D'UN PIPELINE**
[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] ABNEY, LAURENCE JAMES, NO
[72] JONES, CHRISTOPHER MICHAEL, US
[72] MACLENNAN, JAMES ROBERT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-29
[86] 2013-09-09 (PCT/US2013/058709)
[87] (WO2014/043012)
[30] US (13/617,625) 2012-09-14

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[21] **2,880,581**
[13] A1

[51] **Int.Cl. A61G 5/08 (2006.01) A61G 5/10 (2006.01)**
[25] EN
[54] **WHEELCHAIR INCLUDING A COLLAPSIBLE AND/OR ANGLE ADJUSTABLE BACKREST FRAME**
[54] **CHAISE ROULANTE COMPRENANT UN CHASSIS DE DOSSIER ESCAMOTABLE ET/OU A ANGLE AJUSTABLE**
[72] ROBERT, MAEL, FR
[72] RONCIN, JEAN-MICHEL, FR
[71] INVACARE INTERNATIONAL SARL, CH
[85] 2015-01-29
[86] 2012-07-31 (PCT/IB2012/053911)
[87] (WO2014/020378)

[21] **2,880,582**
[13] A1

[51] **Int.Cl. E21B 43/34 (2006.01) E21B 17/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING OIL/GAS SEPARATION PROCESSES**
[54] **SYSTEMES ET PROCEDES POUR CONTROLER DES PROCESSUS DE SEPARATION PETROLE/GAZ**
[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-29
[86] 2013-09-10 (PCT/US2013/058855)
[87] (WO2014/043050)
[30] US (13/618,662) 2012-09-14

[21] **2,880,583**
[13] A1

[51] **Int.Cl. C40B 30/04 (2006.01) C40B 40/00 (2006.01)**
[25] EN
[54] **MULTIPLE AMPLIFICATION CYCLE DETECTION**
[54] **DETECTION DE PLUSIEURS CYCLES D'AMPLIFICATION**
[72] RASMUSSEN, RANDY P., US
[72] CRISP, ROBERT JOHN, US
[72] HEMMERT, ANDREW CLINTON, US
[72] BARKER, ELIZABETH DIANA, US
[72] ROBBINS, CHARLES THOMAS, US
[72] EYRE, DAVID J., US
[71] BIOFIRE DIAGNOSTICS, LLC, US
[85] 2015-01-29
[86] 2013-09-09 (PCT/US2013/058752)
[87] (WO2014/039963)
[30] US (61/699,103) 2012-09-10

[21] **2,880,584**
[13] A1

[51] **Int.Cl. H04B 10/25 (2013.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSPORTING AND RECEIVING CLIENT SIGNAL IN OPTICAL TRANSPORT NETWORK**
[54] **PROCEDE ET DISPOSITIF POUR TRANSPORTER ET RECEVOIR UN SIGNAL DE CLIENT DANS UN RESEAU DE TRANSPORT OPTIQUE**
[72] SU, WEI, CN
[72] WU, QIUYOU, CN
[72] DONG, LIMIN, CN
[71] HUAWEL TECHNOLOGIES CO., LTD., CN
[85] 2015-01-29
[86] 2013-02-26 (PCT/CN2013/071898)
[87] (WO2014/019359)
[30] CN (201210268385.0) 2012-07-30

[21] **2,880,585**
[13] A1

[51] **Int.Cl. C09K 8/584 (2006.01)**
[25] EN
[54] **ALKYLAROMATIC SULFONATES FOR ENHANCED OIL RECOVERY PROCESS**
[54] **SULFONATES ALKYLAROMATIQUES DESTINES A UN PROCEDE AMELIORE DE RECUPERATION DE PETROLE**
[72] CAMPBELL, CURTIS BAY, US
[72] HOWES, ANDREW, US
[72] DENSLOW, TERRI, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2015-01-29
[86] 2013-09-27 (PCT/US2013/062305)
[87] (WO2014/052834)
[30] US (61/707,116) 2012-09-28

[21] **2,880,586**
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) E21B 49/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **MONITORING AND DIAGNOSING WATER FLOODED RESERVOIRS USING PRODUCTION DATA**
[54] **SURVEILLANCE ET DIAGNOSTIC DE RESERVOIRS A INJECTION D'EAU**
[72] CARVAJAL, GUSTAVO, US
[72] VASHISTH, DHRUV, US
[72] WANG, FENG, US
[72] CULLICK, ALVIN S., US
[72] MD ADNAN, NURUL F., US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-27
[86] 2013-07-19 (PCT/US2013/051385)
[87] (WO2014/022127)
[30] US (61/677,996) 2012-07-31
[30] US (13/670,836) 2012-11-07

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[21] **2,880,587**
[13] A1

[51] **Int.Cl. C08L 23/04 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITION SUITABLE FOR STRETCH FILM APPLICATIONS, AND METHOD OF PRODUCING THE SAME**

[54] **COMPOSITION DE POLYETHYLENE APPROPRIEE POUR DES APPLICATIONS DE FILM ETIRABLE ET SON PROCEDE DE PRODUCTION**

[72] WANG, JIAN, US
[72] KAPUR, MRIDULA, US
[72] LIN, YIJIAN, US
[72] EFFLER, LAWRENCE J., US
[72] TAMBLING, TROY M., US
[72] REIB, ROBERT N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-01-29
[86] 2013-10-01 (PCT/US2013/062822)
[87] (WO2014/058659)
[30] US (61/713,178) 2012-10-12

[21] **2,880,588**
[13] A1

[51] **Int.Cl. H04N 21/25 (2011.01)**
[25] EN
[54] **STREAMING WITH COORDINATION OF VIDEO ORIENTATION**

[54] **DIFFUSION EN CONTINU AVEC COORDINATION D'ORIENTATION VIDEO (CVO)**

[72] OYMAN, OZGUR, US
[71] INTEL CORPORATION, US
[85] 2015-01-29
[86] 2013-10-28 (PCT/US2013/067054)
[87] (WO2014/066887)
[30] US (61/719,241) 2012-10-26
[30] US (61/753,914) 2013-01-17
[30] US (61/841,230) 2013-06-28

[21] **2,880,589**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 48/00 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **CD133 APTAMERS FOR DETECTION OF CANCER STEM CELLS**

[54] **APTAMERES CD133 POUR LA DETECTION DE CELLULES SOUCHES CANCEREUSES**

[72] DUAN, WEI, AU
[71] DEAKIN UNIVERSITY, AU
[85] 2015-01-30
[86] 2013-08-02 (PCT/AU2013/000850)
[87] (WO2014/019024)
[30] AU (2012903332) 2012-08-02

[21] **2,880,590**
[13] A1

[51] **Int.Cl. C12N 15/115 (2010.01) A61K 48/00 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **EPCAM APTAMER FOR DETECTION OF CANCER STEM CELLS**

[54] **APTAMERES EPCAM POUR LA DETECTION DE CELLULES SOUCHES CANCEREUSES**

[72] DUAN, WEI, AU
[71] DEAKIN UNIVERSITY, AU
[85] 2015-01-30
[86] 2013-08-02 (PCT/AU2013/000851)
[87] (WO2014/019025)
[30] AU (2012903333) 2012-08-02

[21] **2,880,591**
[13] A1

[51] **Int.Cl. G01N 27/26 (2006.01)**
[25] EN
[54] **ELECTROPHORETIC SEPARATION OF ANALYTES**

[54] **SEPARATION D'ANALYTES PAR ELECTROPHORESE**

[72] BREADMORE, MICHAEL C., AU
[72] GAUDRY, ADAM J., AU
[72] GUIJT, ROSANNE M., AU
[71] UNIVERSITY OF TASMANIA, AU
[85] 2015-01-30
[86] 2013-08-13 (PCT/AU2013/000889)
[87] (WO2014/026224)
[30] AU (2012903482) 2012-08-13

[21] **2,880,592**
[13] A1

[51] **Int.Cl. B05B 1/26 (2006.01) B05B 1/08 (2006.01) B05B 15/02 (2006.01) B05B 7/08 (2006.01)**
[25] EN
[54] **NOZZLE ARRANGEMENT ENSEMBLE BUSE**

[72] BARTELS, FRANK, DE
[72] RAWERT, JURGEN, DE
[71] AWORTH, CHRIS, GB
[71] BARTELS, FRANK, DE
[71] RAWERT, JURGEN, DE
[85] 2015-01-29
[86] 2013-07-24 (PCT/DE2013/000406)
[87] (WO2014/019563)
[30] DE (10 2012 014 965.4) 2012-07-30

[21] **2,880,593**
[13] A1

[51] **Int.Cl. A01D 33/04 (2006.01)**
[25] EN
[54] **SEPARATION SYSTEM FOR A POTATO HARVESTING MACHINE OR A PREPARATION MACHINE**

[54] **DISPOSITIF DE TRIAGE POUR UNE MACHINE A RECOLTER LES POMMES DE TERRE OU POUR UNE MACHINE DE TRAITEMENT**

[72] KALVERKAMP, KLEMENS, DE
[72] DETTMER, FRANZ-JOSEF, DE
[72] DOHMANN, CHRISTIAN, DE
[71] GRIMME LANDMASCHINENFABRIK GMBH & CO. KG, DE
[85] 2015-01-29
[86] 2013-08-13 (PCT/EP2013/002447)
[87] (WO2014/026766)
[30] DE (10 2012 016057.7) 2012-08-14

[21] **2,880,601**
[13] A1

[51] **Int.Cl. B01D 35/30 (2006.01) B01D 27/08 (2006.01) B01D 35/00 (2006.01)**
[25] EN
[54] **LIQUID FILTRATION SYSTEMS, COMPONENTS, AND METHODS**

[54] **SYSTEMES, ELEMENTS, ET PROCEDES DE FILTRATION DE LIQUIDE**

[72] RUSSELL, WES, US
[71] AQUASANA, INC., US
[85] 2015-01-30
[86] 2014-01-21 (PCT/US2014/012290)
[87] (WO2014/113778)
[30] US (61/754,843) 2013-01-21

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[21] **2,880,606**
[13] A1

[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/04 (2006.01) A61K 8/26 (2006.01) A61K 8/31 (2006.01) A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61K 8/92 (2006.01) A61Q 19/10 (2006.01)**

[25] EN

[54] **FORMULATION FOR GRITTY FOAM DISPENSER**

[54] **FORMULATION POUR DISTRIBUTEUR DE MOUSSE GRANULEUSE**

[72] GRIMADELL, LOUISE, GB

[72] CREAGHAN, DAVID MICHAEL ROSS, GB

[72] HINES, JOHN D., GB

[72] GRASCHA, PIERRE BRUNO, FR

[71] PIBED LIMITED, GB

[85] 2015-01-30

[86] 2013-07-25 (PCT/EP2013/065766)

[87] (WO2014/019944)

[30] US (61/679,377) 2012-08-03

[30] US (13/804,209) 2013-03-14

[21] **2,880,608**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/36 (2013.01) G06F 21/42 (2013.01)**

[25] EN

[54] **METHOD FOR GENERATING A CODE, AUTHORIZATION METHOD AND AUTHORIZATION SYSTEM FOR AUTHORIZING AN OPERATION**

[54] **PROCEDE PERMETTANT DE GENERER UN CODE, PROCEDE D'AUTORISATION ET SYSTEME D'AUTORISATION PERMETTANT D'AUTORISER UNE OPERATION**

[72] FERNANDEZ DE TORRES, FRANCISCO, ES

[72] VILLA MARTINEZ, JOSE MANUEL, ES

[72] UGUINA CARRION, LUIS, ES

[72] TARRINO ESCUDERO, ALEJANDRO, ES

[71] BANCO BILBAO VIZCAYA ARGENTARIA, S.A., ES

[85] 2015-01-30

[86] 2013-08-01 (PCT/EP2013/066143)

[87] (WO2014/020092)

[30] EP (12382313.0) 2012-08-02

[21] **2,880,609**
[13] A1

[51] **Int.Cl. D07B 1/06 (2006.01) D07B 1/00 (2006.01)**

[25] EN

[54] **HYBRID ROPE**

[54] **CORDE HYBRIDE**

[72] AMILS, XAVIER, BE

[72] DURMUS, BESTE, BE

[72] SMEETS, PAULUS JOHANNES HYACINTHUS MARIE, NL

[71] NV BEKAERT SA, BE

[71] DSM IP ASSETS B.V., NL

[85] 2015-01-30

[86] 2013-10-03 (PCT/EP2013/070635)

[87] (WO2014/053601)

[30] EP (12187343.4) 2012-10-05

[21] **2,880,610**
[13] A1

[51] **Int.Cl. A63B 53/02 (2015.01)**

[25] EN

[54] **GOLF CLUB**

[54] **BATON DE GOLF**

[72] TOUCHETTE, SHANE M., US

[71] CENTERLINE GOLF CLUBS, INC., US

[85] 2014-12-17

[86] 2013-07-04 (PCT/US2013/049411)

[87] (WO2014/008451)

[30] US (61/668,532) 2012-07-06

[30] US (61/733,157) 2012-12-04

[21] **2,880,611**
[13] A1

[51] **Int.Cl. C08G 59/40 (2006.01) C08K 5/00 (2006.01) C08K 5/05 (2006.01) C08K 5/06 (2006.01) C08K 5/07 (2006.01) C08K 5/10 (2006.01) C08K 5/5475 (2006.01) C08L 63/00 (2006.01) C08L 75/04 (2006.01)**

[25] EN

[54] **LIQUID HARDENERS FOR HARDENING EPOXIDE RESINS (I)**

[54] **DURCISSEURS LIQUIDES POUR LE DURCISSEMENT DE RESINES EPOXYDES (I)**

[72] STROBEL, SYLVIA, DE

[72] EBNER, MARTIN, DE

[72] RITZINGER, FLORIAN, DE

[72] KRIMMER, HANS-PETER, DE

[71] ALZCHEM AG, DE

[85] 2015-01-28

[86] 2013-07-31 (PCT/EP2013/066078)

[87] (WO2014/020060)

[30] DE (10 2012 015 316.3) 2012-08-02

[30] DE (10 2012 015 315.5) 2012-08-02

[21] **2,880,612**
[13] A1

[51] **Int.Cl. G01R 31/34 (2006.01) H02P 9/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR ROTOR ANGLE MEASUREMENT IN AN ELECTRICAL GENERATOR**

[54] **SYSTEMES ET PROCEDES DE MESURE D'ANGLE DE ROTOR DANS UNE GENERATRICE ELECTRIQUE**

[72] SEELEY, NICHOLAS C., US

[72] RAMILLER, CHARLES L., US

[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US

[85] 2015-01-30

[86] 2013-08-22 (PCT/US2013/056271)

[87] (WO2014/031895)

[30] US (13/594,269) 2012-08-24

[21] **2,880,613**
[13] A1

[51] **Int.Cl. H01R 43/20 (2006.01) A47B 21/06 (2006.01) F16M 11/06 (2006.01) H01R 39/04 (2006.01) H01R 39/08 (2006.01) H01R 43/00 (2006.01)**

[25] EN

[54] **ROTATABLE ELECTRIC COUPLING APPARATUS AND METHOD**

[54] **APPAREIL ET PROCEDE DE COUPLAGE ELECTRIQUE ROTATIF**

[72] BORG, VINCENT A., CA

[71] OASYS HEALTHCARE CORPORATION, CA

[85] 2015-01-28

[86] 2013-10-28 (PCT/IB2013/002912)

[87] (WO2014/064532)

[30] US (61/718,765) 2012-10-26

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[21] **2,880,614**
[13] A1

[51] **Int.Cl. A61G 7/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR PROPELLING HOSPITAL BED**
[54] **SYSTEME PERMETTANT DE FAIRE AVANCER UN LIT D'HOPITAL**
[72] □ULC, PAVEL, SE
[72] JORDAN, MICHAL, CZ
[72] HARTMAN, MAREK, CZ
[72] SULC, PAVEL, SE
[71] LINET SPOL. S.R.O., CZ
[85] 2015-01-29
[86] 2013-08-28 (PCT/CZ2013/000101)
[87] (WO2014/032634)
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[54] **LIANT A BASE BIOLOGIQUE ET ISOLATION DES FIBRES DE VERRE**
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[71] ECOSYNTHETIX LTD., US
[85] 2015-01-28
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[25] EN
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[54] **PRODUCTION DE BETAIL RESISTANT AU FMDV PAR SUBSTITUTION D'ALLELE**
[72] CARLSON, DANIEL F., US
[72] FAHRENKRUG, SCOTT C., US
[71] RECOMBINETICS, INC., US
[85] 2015-01-30
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[87] (WO2014/022120)
[30] US (61/677,904) 2012-07-31
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[54] **STEEL MATERIAL**
[54] **MATERIAU A BASE D'ACIER**
[72] KAWANO, KAORI, JP
[72] TANAKA, YASUAKI, JP
[72] TASAKA, MASAHITO, JP
[72] NAKAZAWA, YOSHIKI, JP
[72] TOMIDA, TOSHIRO, JP
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[54] **SYSTEME HYDRAULIQUE DESTINE A UN ENGIN DE CHANTIER**
[72] SHIN, HUNG-JU, KR
[72] KIM, BYEONG-SOO, KR
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-01-29
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[25] EN
[54] **GENETICALLY MODIFIED PROBIOTIC FOR THE TREATMENT OF PHENYLKETONURIA (PKU) DISEASE**
[54] **PROBIOTIQUE GENETIQUEMENT MODIFIE (GMP) POUR LE TRAITEMENT DE LA PHENYLKETONURIE (PKU)**
[72] DEMING, KATHERINE, US
[72] ALLEN, MICHAEL, US
[72] VON HERBING, IONE HUNT, US
[71] UNIVERSITY OF NORTH TEXAS, US
[85] 2015-01-27
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[54] **SURGICAL TOOL POSITIONING SYSTEMS**
[54] **SYSTEMES DE POSITIONNEMENT D'UN OUTIL CHIRURGICAL**
[72] CASTRO, MICHAEL SALVATORE, US
[72] DEGEORGE, CHRISTOPHER P., US
[72] FLAHERTY, J. CHRISTOPHER, US
[72] FLAHERTY, R. MAXWELL, US
[72] OYOLA, ARNOLD, US
[72] STAND, JOSEPH A., III, US
[72] STRAFACE, SAMUEL F., US
[71] MEDROBOTICS CORPORATION, US
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[54] **SYSTEMES ET DISPOSITIFS CHIRURGICAUX ROBOTIQUES, ET PROCEDES ASSOCIES**
[72] WILSON, JOHN, US
[72] SHASHO, JEFF, US
[72] KUMAR, NISHANT, US
[72] MAHIN, MATT, US
[72] SANTORO, CHRIS, US
[72] MUMM, ERIK, US
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[54] **GUIDING USERS IN AN AREA**
[54] **GUIDAGE DES UTILISATEURS DANS UN DOMAINE**
[72] SCHUSTER, KILIAN, CH
[71] INVENTIO AG, CH
[85] 2015-01-29
[86] 2013-07-19 (PCT/EP2013/065305)
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[25] EN
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[54] **ELEMENT DE SUPPORT DE COFFRAGE**
[72] ROSATI, EMILIO, AU
[71] FORM 700 PTY LTD, AU
[85] 2015-01-30
[86] 2013-08-02 (PCT/AU2013/000855)
[87] (WO2014/019029)
[30] AU (2012903312) 2012-08-02

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[25] EN
[54] **METHOD AND DEVICE FOR INSPECTING RAILWAY WHEELS**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE ROUES FERROVIAIRES**
[72] DE LA RIVA, CAMILO, DE
[71] HEGENSCHIEDT-MFD GMBH & CO. KG, DE
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[54] **FILM RIDING SEALS FOR ROTARY MACHINES**
[54] **JOINTS A FILM D'EAU COURANTE POUR MACHINES ROTATIVES**
[72] BIDKAR, RAHUL ANIL, US
[72] SARAWATE, NEELESH NANDKUMAR, US
[72] WOLFE, CHRISTOPHER EDWARD, US
[72] RUGGIERO, ERIC JOHN, US
[72] RAJ MOHAN, VIVEK RAJA, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PIED AUTOELEVATEUR RESISTANT AUX GLACES**
[72] FOO, KOK SENG, SG
[72] PERRY, MICHAEL JOHN, SG
[72] WANG, CYNTHIA, SG
[72] QUAH, CHIN KAU MATTHEW, SG
[72] SHAFER, RANDALL SCOTT, US
[72] NOBLE, PETER, US
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[71] CONOCOPHILIPS COMPANY, US
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[54] **LITERIE A COMMANDE THERMOELECTRIQUE DU NIVEAU PERSONNEL DE CONFORT**
[72] PARISH, OVERTON (BUD), US
[72] RECINE, LEONARD, US
[72] GARRETT, KEVIN, US
[72] TRAN, ANTHONY, US
[71] MARLOW INDUSTRIES, INC., US
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[54] **POLITIQUE SUR LE CONTENU DE RESEAU FOURNISSANT UN RESULTAT DE RECHERCHE LIE**
[72] ROACH, PERRY, CA
[71] NETSWEEPER (BARBADOS) INC., BB
[85] 2015-01-30
[86] 2012-08-03 (PCT/CA2012/000729)
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[54] **SMOKING ARTICLE**
[54] **ARTICLE A FUMER**
[72] PIENEMANN, THOMAS, DE
[72] HUHNE, THOMAS, DE
[72] FUHRMANN, JAN, DE
[71] REEMTSMA CIGARETTENFABRIKEN GMBH, DE
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[25] EN
[54] **OXIDE COATED METAL PIGMENTS AND FILM-FORMING COMPOSITIONS**
[54] **PIGMENTS DE METAL ENDUITS D'OXYDE ET COMPOSITIONS FILMOGENES**
[72] MATZDORF, CRAIG A., US
[72] NICKERSON, WILLIAM, US
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[85] 2015-01-30
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[30] US (13/564,341) 2012-08-01

[21] **2,880,637**
[13] A1

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[25] EN
[54] **INERT ELECTRODES WITH LOW VOLTAGE DROP AND METHODS OF MAKING THE SAME**
[54] **ELECTRODES INERTES A FAIBLE CHUTE TENSION ET LEURS PROCEDES DE FABRICATION**
[72] D'ASTOLFO, LEROY E., US
[71] ALCOA INC., US
[85] 2015-01-29
[86] 2013-07-30 (PCT/US2013/052726)
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[25] EN
[54] **REMEDIAL TECHNIQUE FOR MAINTAINING WELL CASING**
[54] **TECHNIQUE DE REPARATION DESTINEE A MAINTENIR UN TUBAGE DE Puits**
[72] BEXTE, DAVID, CA
[72] TESCUBA, MICHELE, CA
[72] PIPCHUK, DOUGLAS, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2015-01-30
[86] 2013-07-31 (PCT/US2013/053003)
[87] (WO2014/022549)
[30] US (61/678,289) 2012-08-01

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[54] **INHIBITORS OF PEPTIDYL ARGININE DEIMINASE (PAD) ENZYMES AND USES THEREOF**
[54] **INHIBITEURS DES ENZYMES PEPTIDYL ARGININE DEIMINASES (PAD) ET UTILISATIONS DE CEUX-CI**
[72] KOTRA, LAKSHMI, CA
[72] MOSCARELLO, MARIO, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2015-01-30
[86] 2013-08-01 (PCT/CA2013/050597)
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[30] US (61/678,134) 2012-08-01

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[25] EN
[54] **MULTIDIRECTIONAL FIBER-REINFORCED TAPE/FILM ARTICLES AND THE METHOD OF MAKING THE SAME**
[54] **ARTICLES EN BANDE/FILM RENFORCES PAR FIBRE MULTIDIRECTIONNELLE ET PROCEDE DE LEUR REALISATION**
[72] TAM, THOMAS, US
[72] BOONE, MARK BENJAMIN, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **METHODS FOR TREATMENT OF ATHEROSCLEROSIS**
[54] **METHODES DE TRAITEMENT DE L'ATHEROSCLEROSE**
[72] WILSON, D. TRAVIS, US
[72] BAMBERGER, MARK, US
[72] BLAKEY, BRIAN, US
[71] STEALTH PEPTIDES INTERNATIONAL, INC., MC
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[86] 2013-07-31 (PCT/US2013/053007)
[87] (WO2014/022551)
[30] US (61/678,992) 2012-08-02
[30] US (61/695,807) 2012-08-31
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[25] EN
[54] **METHODS OF MAKING FLEXIBLE CONTAINERS**
[54] **PROCEDES DE FABRICATION DE RECIPIENTS SOUPLES**
[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] BERG, CHARLES JOHN, JR., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-29
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[87] (WO2014/025609)
[30] US (61/680,045) 2012-08-06
[30] US (61/782,951) 2013-03-14

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[25] EN
[54] **MICELLAR COMPOSITION HAVING SWITCHABLE VISCOSITY**
[54] **COMPOSITION MICELLAIRE A VISCOSITE COMMUTABLE**
[72] JESSOP, PHILIP G., CA
[72] CUNNINGHAM, MICHAEL F., CA
[72] SU, XIN, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2015-01-30
[86] 2013-08-02 (PCT/CA2013/050603)
[87] (WO2014/019094)
[30] US (61/679,055) 2012-08-02

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[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING MACHINE**
[54] **APPAREIL DE DIVERTISSEMENT**
[72] FAUL, THOMAS, DE
[72] LUFT, MICHAEL RUDOLPH, DE
[71] NOVOMATIC AG, AT
[85] 2015-01-30
[86] 2013-07-05 (PCT/EP2013/064229)
[87] (WO2014/019801)
[30] DE (102012107132.2) 2012-08-03

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[13] A1

[51] **Int.Cl. A61K 38/07 (2006.01) A61P 9/10 (2006.01)**
[25] EN
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[72] WILSON, D. TRAVIS, US
[72] BAMBERGER, MARK, US
[72] BLAKEY, BRIAN, US
[72] ANDERSEN, MARC W., US
[71] STEALTH PEPTIDES INTERNATIONAL, INC., MC
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[30] US (61/695,807) 2012-08-31
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[13] A1

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[25] EN
[54] **MITIGATING TISSUE DAMAGE AND FIBROSIS VIA LATENT TRANSFORMING GROWTH FACTOR BETA BINDING PROTEIN (LTBP4)**
[54] **REDUCTION DES LESIONS TISSULAIRES ET DE LA FIBROSE VIA LA PROTEINE-4 DE LIAISON AU TGF BETA LATENT (LTBP4)**
[72] MCNALLY, ELIZABETH, US
[72] HEYDEMANN, AHLKE, US
[72] CECO, ERMELINDA, US
[71] MCNALLY, ELIZABETH, US
[71] HEYDEMANN, AHLKE, US
[71] CECO, ERMELINDA, US
[85] 2015-01-29
[86] 2013-08-01 (PCT/US2013/053255)
[87] (WO2014/039189)
[30] US (61/678,564) 2012-08-01

[21] **2,880,651**
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR TRANSMITTING CONTROL INFORMATION**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRANSMISSION D'INFORMATIONS DE COMMANDE**
[72] TANG, ZHENFEI, CN
[72] LI, YUANJIE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-01-30
[86] 2012-09-27 (PCT/CN2012/082147)
[87] (WO2014/019283)
[30] CN (PCT/CN2012/079607) 2012-08-02
[30] CN (PCT/CN2012/081510) 2012-09-17

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[13] A1

[51] **Int.Cl. H05K 3/32 (2006.01) A61B 8/12 (2006.01) G01S 7/52 (2006.01) G01S 15/89 (2006.01) H05K 3/42 (2006.01)**

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[54] **ULTRASOUND ENDOSCOPE AND METHODS OF MANUFACTURE THEREOF**

[54] **ENDOSCOPE A ULTRASONS ET SES PROCEDES DE FABRICATION**

[72] BEZANSON, ANDRE B., CA
[72] ADAMSON, ROBERT B. A., CA
[72] BROWN, JEREMY A., CA
[71] DALHOUSIE UNIVERSITY, CA
[85] 2015-01-30
[86] 2013-08-09 (PCT/CA2013/050613)
[87] (WO2014/022938)
[30] US (61/681,320) 2012-08-09
[30] US (61/710,696) 2012-10-06

[21] **2,880,653**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/864 (2006.01)**

[25] EN

[54] **INTRATHECAL DELIVERY OF RECOMBINANT ADENO-ASSOCIATED VIRUS 9 ADMINISTRATION**

[54] **INTRATHECALE DU VIRUS DE TYPE 9 ADENO-ASSOCIE RECOMBINANT**

[72] KASPAR, BRIAN K., US
[72] BURGHES, ARTHUR, US
[72] PORENSKY, PAUL, US
[71] NATIONWIDE CHILDREN'S HOSPITAL, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2015-01-30
[86] 2013-07-31 (PCT/US2013/053065)
[87] (WO2014/022582)
[30] US (61/678,458) 2012-08-01

[21] **2,880,655**
[13] A1

[51] **Int.Cl. B60Q 11/00 (2006.01) H05B 37/03 (2006.01)**

[25] FR

[54] **METHOD FOR CONTROLLING A LIGHTING SYSTEM**

[54] **PROCEDE DE COMMANDE D'UN SYSTEME D'ECLAIRAGE**

[72] SEIF, LOTHAR, FR
[72] GAGELIN, ROMUALD, FR
[71] VALEO VISION, FR
[85] 2015-01-30
[86] 2013-07-29 (PCT/EP2013/065881)
[87] (WO2014/019974)
[30] FR (12/02176) 2012-08-02

[21] **2,880,657**
[13] A1

[51] **Int.Cl. H04W 16/14 (2009.01)**

[25] EN

[54] **METHOD FOR CONTROLLING CELL ACTIVATION, BASE STATION, AND TERMINAL**

[54] **PROCEDE DE COMMANDE D'ACTIVATION DE CELLULE, STATION DE BASE ET TERMINAL**

[72] WANG, FAN, CN
[72] XU, WENYING, CN
[72] MA, XUELI, CN
[71] HUAWAI TECHNOLOGIES CO., LTD., CN
[85] 2015-01-30
[86] 2012-07-31 (PCT/CN2012/079438)
[87] (WO2014/019142)

[21] **2,880,659**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01) E21B 43/24 (2006.01) F04F 1/08 (2006.01)**

[25] EN

[54] **SWING CHAMBER PUMP (SCP)**

[54] **POMPE A CHAMBRE OSCILLANTE (SCP)**

[72] WANG, JIANSHE (JAMES), CA
[71] WGM TECHNOLOGIES INC., CA
[85] 2015-01-30
[86] 2013-08-09 (PCT/CA2013/050616)
[87] (WO2014/022940)
[30] US (61/681,321) 2012-08-09

[21] **2,880,663**
[13] A1

[51] **Int.Cl. G01N 21/95 (2006.01)**

[25] EN

[54] **METHOD FOR ANALYSING THE CRYSTAL STRUCTURE OF A POLYCRYSTALLINE SEMICONDUCTOR MATERIAL**

[54] **PROCEDE D'ANALYSE DE LA STRUCTURE CRISTALLINE D'UN MATERIAU SEMI-CONDUCTEUR POLY-CRISTALLIN**

[72] LOMBEZ, LAURENT, FR
[72] GUILLEMOLES, JEAN-FRANCOIS, FR
[72] DELAMARRE, AMAURY, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] ELECTRICITE DE FRANCE - EDF, FR
[85] 2015-01-30
[86] 2013-07-30 (PCT/EP2013/066043)
[87] (WO2014/020046)
[30] FR (1257556) 2012-08-02

[21] **2,880,664**
[13] A1

[51] **Int.Cl. C04B 5/06 (2006.01) C04B 7/147 (2006.01) C21B 3/08 (2006.01) C21C 5/36 (2006.01)**

[25] EN

[54] **METHOD FOR PROCESSING STEEL SLAG AND HYDRAULIC MINERAL BINDER**

[54] **PROCEDE POUR TRAITER DES SCORIES D'ACIERIE AINSI QUE LIANT MINERAL HYDRAULIQUE**

[72] WULFERT, HOLGER, DE
[72] LUDWIG, HORST-MICHAEL, DE
[71] LOESCHE GMBH, DE
[85] 2015-01-30
[86] 2012-09-06 (PCT/EP2012/003744)
[87] (WO2014/037020)

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[21] **2,880,665**
[13] A1

[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/303 (2006.01)**

[25] EN

[54] **WINDOW BLIND ROLLER SYSTEM WITH INTERMITTENT GEAR TURNOVER MECHANISM**

[54] **SYSTEME D'ENROULEMENT DE STORE DE FENETRE AYANT UN MECANISME DE RETOURNEMENT A ENGRENAGE INTERMITTENT**

[72] ZHANG, YIFEI, CN
[72] WU, CHENGSHANG, CN
[71] HANGZHOU WOKASOLAR TECHNOLOGY CO., LTD., CN
[85] 2015-01-30
[86] 2013-07-28 (PCT/CN2013/080257)
[87] (WO2014/019481)
[30] CN (201210266070.2) 2012-07-30

[21] **2,880,668**
[13] A1

[51] **Int.Cl. G03B 43/00 (2006.01) E04H 3/16 (2006.01)**

[25] EN

[54] **UNDERWATER PROJECTION WITH BOUNDARY SETTING AND IMAGE CORRECTION**

[54] **PROJECTION SOUS L'EAU AVEC DETERMINATION DES LIMITES ET CORRECTION D'IMAGE**

[72] REDDY, RAKESH, US
[72] JOHNSON, BRUCE, US
[72] DOYLE, KEVIN, US
[71] PENTAIR WATER POOL AND SPA, INC., US
[85] 2015-01-30
[86] 2013-07-31 (PCT/US2013/053084)
[87] (WO2014/022591)
[30] US (61/678,606) 2012-08-01
[30] US (13/626,867) 2012-09-25

[21] **2,880,670**
[13] A1

[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/303 (2006.01)**

[25] EN

[54] **WINDOW BLIND ROLLER SYSTEM WITH CAM PIN TURNOVER MECHANISM**

[54] **SYSTEME D'ENROULEMENT DE STORE DE FENETRE AYANT UN MECANISME DE RETOURNEMENT A POINTEAU DE CAME**

[72] ZHANG, YIFEI, CN
[72] WU, CHENGSHANG, CN
[72] GUI, GANG, CN
[72] XU, HUIWEN, CN
[71] HANGZHOU WOKASOLAR TECHNOLOGY CO., LTD., CN
[85] 2015-01-30
[86] 2013-07-28 (PCT/CN2013/080259)
[87] (WO2014/019482)
[30] CN (201210268529.2) 2012-07-30

[21] **2,880,671**
[13] A1

[51] **Int.Cl. A01N 27/00 (2006.01) A01N 37/24 (2006.01) A01N 37/34 (2006.01) A01N 37/46 (2006.01) A01N 43/36 (2006.01) A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 43/80 (2006.01) A01N 47/12 (2006.01) A01N 47/14 (2006.01) A01N 57/12 (2006.01) A23B 7/154 (2006.01)**

[25] EN

[54] **COMPOSITION COMPRISING A PESTICIDAL TERPENE MIXTURE AND A FUNGICIDE**

[54] **COMPOSITION COMPRENANT UN MELANGE DE TERPENES PESTICIDES ET UN FONGICIDE**

[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] DAHMEN, PETER, DE
[72] HELLWEGE, ELKE, DE
[71] BAYER CROPSCIENCE AG, DE
[85] 2015-01-30
[86] 2013-08-01 (PCT/EP2013/066178)
[87] (WO2014/020109)
[30] EP (12179145.3) 2012-08-03

[21] **2,880,673**
[13] A1

[51] **Int.Cl. H02J 3/38 (2006.01) F03D 7/02 (2006.01) F03D 7/04 (2006.01) H02J 3/16 (2006.01)**

[25] EN

[54] **IMPROVED VOLTAGE CONTROL FOR WIND TURBINES**

[54] **AMELIORATION DE LA REGULATION DE LA TENSION POUR DES EOLIENNES**

[72] FORTMANN, JENS, DE
[72] DINKHAUSER, VINCENZ, DE
[71] SENVION SE, DE
[85] 2015-01-30
[86] 2013-08-02 (PCT/EP2013/066292)
[87] (WO2014/020157)
[30] DE (10 2012 213 830.7) 2012-08-03

[21] **2,880,674**
[13] A1

[51] **Int.Cl. A61K 38/19 (2006.01) A61K 38/05 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY**

[54] **POLYTHERAPIE**

[72] BEGLEY, C. GLENN, US
[72] BENETATOS, CHRISTOPHER, US
[72] CHUNDURU, SRINIVAS, US
[71] TETRALOGIC PHARMACEUTICALS CORPORATION, US
[85] 2015-01-30
[86] 2013-08-01 (PCT/US2013/053126)
[87] (WO2014/022612)
[30] US (61/678,360) 2012-08-01

[21] **2,880,676**
[13] A1

[51] **Int.Cl. A63F 9/18 (2006.01) A63F 13/80 (2014.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR GAMIFICATION OF A PROBLEM**

[54] **SYSTEMES ET PROCEDES DE RESOLUTION LUDIQUE D'UN PROBLEME**

[72] MOORTHY, JAISREE, US
[72] NATARAJAN, SHREEDHAR, US
[71] GANALILA, LLC, US
[85] 2015-01-30
[86] 2013-08-01 (PCT/US2013/053230)
[87] (WO2014/022668)
[30] US (61/678,739) 2012-08-02

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[21] **2,880,678**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G09F 3/00 (2006.01)**

[25] EN

[54] **A PROCEDURE FOR OBTAINING AND DETECTING A GENETIC MARKER OF OBJECTS TO BE IDENTIFIED, THE MARKER, METHOD FOR AUTHENTICATION AND METHOD FOR VERIFICATION**

[54] **PROCEDE POUR OBTENIR ET DETECTER UN MARQUEUR D'OBJETS A IDENTIFIER, MARQUEUR Y RELATIF, PROCEDE D'AUTHTENTIFIER ET PROCEDE DE VERIFICATION**

[72] JAIME, JUAN CARLOS, AR
[72] SIMONETTA, RUBEN, AR
[72] NARANJO, MAURICIO, AR
[72] LOPEZ, JOAQUIN, CL
[71] JAIME, JUAN CARLOS, AR
[71] SIMONETTA, RUBEN, AR
[71] NARANJO, MAURICIO, AR
[71] LOPEZ, JOAQUIN, CL
[85] 2015-01-30
[86] 2012-07-31 (PCT/CL2012/000036)
[87] (WO2014/019099)

[21] **2,880,679**
[13] A1

[51] **Int.Cl. B01F 3/04 (2006.01) B01F 3/08 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR CROSS-FLOW BUBBLE GENERATION**

[54] **DISPOSITIF GENERATEUR DE BULLES A FLUX CROISE ET PROCEDE DE GENERATION**

[72] DAVILA MARTIN, JAVIER, ES
[72] LUQUE GARCIA, ALFREDO, ES
[71] UNIVERSIDAD DE SEVILLA, ES
[85] 2015-01-30
[86] 2013-07-29 (PCT/ES2013/000183)
[87] (WO2014/023861)
[30] ES (P201200785) 2012-07-31

[21] **2,880,681**
[13] A1

[51] **Int.Cl. B01D 53/48 (2006.01) C01B 17/05 (2006.01) C10G 3/00 (2006.01)**

[25] EN

[54] **METHOD OF PURIFYING GAS STREAMS**

[54] **PROCEDE DE PURIFICATION DE COURANTS GAZEUX**

[72] AITTAMAA, JUHANI, FI
[72] KESKINEN, KARI I, FI
[72] KEYRILAINEN, JUKKA, FI
[71] NESTE OIL OYJ, FI
[85] 2015-01-30
[86] 2013-08-08 (PCT/FI2013/050788)
[87] (WO2014/023877)
[30] EP (12179672.6) 2012-08-08
[30] US (61/680,725) 2012-08-08

[21] **2,880,682**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **PIPERAZINO[1,2-A]INDOL-1-ONES AND [1,4]DIAZEPINO[1,2-A]INDOL-1-ONE**

[54] **PIPERAZINO[1,2-A]INDOL-1-ONES ET [1,4]DIAZEPINO[1,2-A]INDOL-1-ONE**

[72] CECCARELLI, SIMONA M., CH
[72] JAGASIA, RAVI, DE
[72] JAKOB-ROETNE, ROLAND, DE
[72] WICHMANN, JUERGEN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-30
[86] 2013-08-05 (PCT/EP2013/066344)
[87] (WO2014/023674)
[30] EP (12179381.4) 2012-08-06

[21] **2,880,683**
[13] A1

[51] **Int.Cl. B65G 17/06 (2006.01) B65G 17/08 (2006.01)**

[25] EN

[54] **LINK MEMBER HAVING REPLACEABLE WEAR COMPONENT**

[54] **ELEMENT DE LIAISON AYANT UN COMPOSANT D'USURE REMPLACABLE**

[72] LACKNER, JOSEPH M., US
[72] STEINHOFF, PAUL, US
[72] LASECKI, JONATHAN R., US
[71] ASHWORTH BROS., INC., US
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052739)
[87] (WO2014/022404)
[30] US (13/562,820) 2012-07-31

[21] **2,880,685**
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01)**

[25] EN

[54] **INTEGRAL MULTIPLE STAGE SAFETY VALVES**

[54] **SOUPAPES DE SECURITE INTEGREES A ETAGES MULTIPLES**

[72] JANCHI, ROBERT A., US
[72] HILL, THOMAS G., US
[71] TEJAS RESEARCH AND ENGINEERING, LLC, US
[85] 2015-01-30
[86] 2013-07-29 (PCT/US2013/052479)
[87] (WO2014/022266)
[30] US (13/566,164) 2012-08-03

[21] **2,880,686**
[13] A1

[51] **Int.Cl. G06T 7/20 (2006.01)**

[25] EN

[54] **DETECTING MOVING VEHICLES**

[54] **DETECTION DE VEHICULES EN MOUVEMENT**

[72] BUCHANAN, RODERICK, GB
[72] REVELL, JAMES DUNCAN, GB
[71] BAE SYSTEMS PLC, GB
[85] 2015-01-30
[86] 2013-07-25 (PCT/GB2013/051989)
[87] (WO2014/020315)
[30] GB (1213604.0) 2012-07-31

[21] **2,880,687**
[13] A1

[51] **Int.Cl. C12N 15/00 (2006.01) A61P 31/00 (2006.01) C07K 14/01 (2006.01) C12N 15/09 (2006.01)**

[25] EN

[54] **DIGITAL TO BIOLOGICAL CONVERTER**

[54] **CONVERTISSEUR NUMERIQUE A BIOLOGIQUE**

[72] VENTER, J. CRAIG, US
[72] GIBSON, DANIEL G., US
[72] GILL, JOHN E., US
[71] SYNTHETIC GENOMICS, INC., US
[85] 2015-01-30
[86] 2013-08-16 (PCT/US2013/055454)
[87] (WO2014/028895)
[30] US (61/684,076) 2012-08-16

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[21] **2,880,688**
[13] A1

[51] **Int.Cl. H04M 11/06 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **MEDIA PROFILES FOR CONFIGURING A TRANSCEIVER WITHIN A MODEM**
[54] **PROFILS MULTIMEDIA DE CONFIGURATION D'UN EMETTEUR-RECEPTEUR DANS UN MODEM**
[72] PARRON, JEROME, DE
[71] INTEL MOBILE COMMUNICATIONS GMBH, DE
[85] 2015-01-30
[86] 2012-09-17 (PCT/IB2012/002293)
[87] (WO2014/041392)

[21] **2,880,689**
[13] A1

[51] **Int.Cl. A43B 21/40 (2006.01) A43B 3/24 (2006.01) A43B 7/38 (2006.01) A43B 13/18 (2006.01)**
[25] EN
[54] **SOLE COMPONENT**
[54] **PARTIE DE SEMELLE**
[72] HUBER, CHRISTIAN, DE
[71] FLEXHEEL GMBH, DE
[85] 2015-01-30
[86] 2013-08-02 (PCT/EP2013/066339)
[87] (WO2014/020175)
[30] DE (10 2012 213 809.9) 2012-08-03

[21] **2,880,691**
[13] A1

[51] **Int.Cl. C12N 15/67 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IN VIVO INDUCTION OF PANCREATIC BETA CELL FORMATION**
[54] **PROCEDES ET COMPOSITIONS POUR L'INDUCTION IN VIVO DE LA FORMATION DE CELLULES BETA PANCREATIQUES**
[72] DOIRON, BRUNO, US
[72] DEFRONZO, RALPH A., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2015-01-30
[86] 2013-07-31 (PCT/US2013/052820)
[87] (WO2014/022455)
[30] US (61/678,077) 2012-07-31

[21] **2,880,692**
[13] A1

[51] **Int.Cl. C22C 21/12 (2006.01)**
[25] EN
[54] **2XXX SERIES ALUMINUM LITHIUM ALLOYS**
[54] **ALLIAGES D'ALUMINIUM LITHIUM DE SERIE 2XXX**
[72] BOSELLI, JULIEN, US
[72] RIOJA, ROBERTO J., US
[72] VENEMA, GREGORY B., US
[72] SAWTELL, RALPH R., US
[72] MAGNUSEN, PAUL E., US
[71] ALCOA INC., US
[85] 2015-01-30
[86] 2013-08-14 (PCT/US2013/054938)
[87] (WO2014/028616)
[30] US (61/684,268) 2012-08-17
[30] US (13/785,793) 2013-03-05

[21] **2,880,693**
[13] A1

[51] **Int.Cl. E21B 7/04 (2006.01) E21B 4/00 (2006.01)**
[25] EN
[54] **DRILL BIT WITH A FORCE APPLICATION USING A MOTOR AND SCREW MECHANISM FOR CONTROLLING EXTENSION OF A PAD IN THE DRILL BIT**
[54] **TREPAN AVEC APPLICATION DE FORCE UTILISANT UN MOTEUR ET UN MECANISME A VIS POUR COMMANDER L'EXTENSION D'UN PATIN DANS LE TREPAN**
[72] SCHWEFE, THORSTEN, GB
[72] RAZ, DAN, IL
[72] RINBERG, GREGORY, IL
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052615)
[87] (WO2014/022335)
[30] US (13/561,897) 2012-07-30

[21] **2,880,695**
[13] A1

[51] **Int.Cl. B32B 1/00 (2006.01) B32B 37/02 (2006.01) B62K 19/02 (2006.01)**
[25] EN
[54] **STRUCTURAL ELEMENT COMPRISING CARDBOARD**
[54] **ELEMENT STRUCTUREL COMPRENANT DU CARTON**
[72] GAFNI, IZHAR, IL
[71] I.G. CARDBOARD TECHNOLOGIES LTD., IL
[85] 2015-01-30
[86] 2013-10-13 (PCT/IL2013/050821)
[87] (WO2014/061012)
[30] US (61/715,359) 2012-10-18
[30] US (61/787,229) 2013-03-15

[21] **2,880,696**
[13] A1

[51] **Int.Cl. E21B 7/04 (2006.01) E21B 4/00 (2006.01) E21B 4/14 (2006.01)**
[25] EN
[54] **DRILL BIT WITH HYDRAULICALLY-ACTIVATED FORCE APPLICATION DEVICE FOR CONTROLLING DEPTH-OF-CUT OF THE DRILL BIT**
[54] **TREPAN AVEC DISPOSITIF D'APPLICATION DE FORCE COMMANDE HYDRAULIQUEMENT POUR COMMANDER LA PROFONDEUR DE COUPE DU TREPAN**
[72] SCHWEFE, THORSTEN, GB
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052616)
[87] (WO2014/022336)
[30] US (13/561,786) 2012-07-30

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[21] **2,880,697**
[13] A1

[51] **Int.Cl. B29C 65/08 (2006.01) B65B 3/02 (2006.01)**
[25] EN
[54] **ULTRASONIC SEALING OF PACKAGES**
[54] **SCELLEMENT HERMETIQUE D'EMBALLAGE AUX ULTRASONS**
[72] CHAM, PAK MENG, US
[72] JORDAN, GLENN T., IV, US
[72] KOZMAN, AUSTIN, US
[72] FLOWERS, SEAN, US
[72] SHORT, MATTHEW, US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2015-01-23
[86] 2013-08-02 (PCT/US2013/053478)
[87] (WO2014/022801)
[30] US (13/565,310) 2012-08-02

[21] **2,880,699**
[13] A1

[51] **Int.Cl. C07D 309/14 (2006.01) A61K 31/18 (2006.01) A61K 31/277 (2006.01) A61K 31/337 (2006.01) A61K 31/341 (2006.01) A61K 31/351 (2006.01) A61K 31/381 (2006.01) A61K 31/4164 (2006.01) A61K 31/4453 (2006.01) A61P 1/18 (2006.01) A61P 31/20 (2006.01) C07C 311/37 (2006.01) C07D 231/14 (2006.01) C07D 295/26 (2006.01) C07D 333/46 (2006.01)**
[25] EN
[54] **SULFAMOYL-ARYLAMIDES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B**
[54] **SULFAMOYL-ARYLAMIDES ET LEUR UTILISATION EN TANT QUE MEDICAMENTS DANS LE TRAITEMENT DE L'HEPATITE B**
[72] LAST, STEFAAN JULIEN, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] ROMBOUTS, GEERT, BE
[72] VANDYCK, KOEN, BE
[72] VERSCHUEREN, WIM GASTON, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2015-01-30
[86] 2013-08-28 (PCT/EP2013/067821)
[87] (WO2014/033170)
[30] EP (12182076.5) 2012-08-28
[30] EP (12185055.6) 2012-09-19
[30] EP (12190837.0) 2012-10-31
[30] EP (13157230.7) 2013-02-28
[30] EP (13169574.4) 2013-05-28

[21] **2,880,700**
[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01) E21B 10/60 (2006.01)**
[25] EN
[54] **DRILL BIT WITH ELECTROHYDRAULICALLY ADJUSTABLE PADS FOR CONTROLLING DEPTH OF CUT**
[54] **TREPAN AVEC PATINS AJUSTABLE HYDRAULIQUEMENT POUR COMMANDER LA PROFONDEUR DE COUPE**
[72] SCHWEFE, THORSTEN, GB
[72] RAZ, DAN, IL
[72] RINBERG, GREGORY, IL
[72] BRUK, MARK, IL
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052621)
[87] (WO2014/022339)
[30] US (13/561,743) 2012-07-30

[21] **2,880,701**
[13] A1

[51] **Int.Cl. C07H 7/00 (2006.01) C12Q 1/34 (2006.01)**
[25] EN
[54] **CELL-PERMEABLE PROBES FOR IDENTIFICATION AND IMAGING OF SIALIDASES**
[54] **SONDES PERMEABLES AUX CELLULES POUR L'IDENTIFICATION ET L'IMAGERIE DE SIALIDASES**
[72] WONG, CHI-HUEY, US
[72] FANG, JIM-MIN, TW
[72] CHENG, YIH-SHYUN E., TW
[72] TSAI, CHARNG-SHENG, TW
[71] ACADEMIA SINICA, TW
[71] WONG, CHI-HUEY, US
[71] FANG, JIM-MIN, TW
[71] CHENG, YIH-SHYUN E., TW
[71] TSAI, CHARNG-SHENG, TW
[85] 2015-01-30
[86] 2013-08-16 (PCT/US2013/055472)
[87] (WO2014/031498)
[30] US (61/684,751) 2012-08-18

[21] **2,880,702**
[13] A1

[51] **Int.Cl. B60R 9/055 (2006.01)**
[25] EN
[54] **CARRIER FOR A VEHICLE**
[54] **CAISSE DE TRANSPORT POUR VEHICULE**
[72] SAUTTER, CHRIS, US
[72] CONDON, DAVE, US
[72] LESLEY, KEVIN E., US
[71] YAKIMA INNOVATION DEVELOPMENT CORPORATION, KY
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052787)
[87] (WO2014/022437)
[30] US (61/677,424) 2012-07-30
[30] US (61/699,137) 2012-09-10

[21] **2,880,704**
[13] A1

[51] **Int.Cl. G01N 33/15 (2006.01) A61M 37/00 (2006.01) C12Q 1/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **EXTRUSION METHODS AND DEVICES FOR DRUG DELIVERY**
[54] **PROCEDES ET DISPOSITIFS D'EXTRUSION POUR L'ADMINISTRATION DE MEDICAMENT**
[72] GALLAGHER, EDWARD, US
[72] MORENO-GONZALEZ, ALICIA, US
[72] LUND, WORM, SR., US
[72] LUND, WORM, JR., US
[72] GRENLEY, MARC, US
[71] PRESAGE BIOSCIENCES, INC., US
[85] 2015-01-30
[86] 2013-08-08 (PCT/US2013/054206)
[87] (WO2014/026044)
[30] US (61/680,847) 2012-08-08
[30] US (61/815,674) 2013-04-24

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[21] **2,880,705**
[13] A1

[51] **Int.Cl. B60R 9/04 (2006.01)**
[25] EN
[54] **CROSSBAR T-SLOT INFILL
ELEMENT DE REMPLISSAGE DE
BARRE TRANSVERSALE A
FENTES EN T**
[72] SAUTTER, CHRIS, US
[72] CONDON, DAVE, US
[71] YAKIMA INNOVATION
DEVELOPMENT CORPORATION,
KY
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052785)
[87] (WO2014/022435)
[30] US (61/677,427) 2012-07-30

[21] **2,880,708**
[13] A1

[51] **Int.Cl. A61K 36/53 (2006.01) A61K
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[25] EN
[54] **PLANT EXTRACTS FOR
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HEALTH AND FUNCTION**
[54] **EXTRAITS DE PLANTE POUR
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FONCTION COGNITIVES**
[72] CEDDIA, MICHAEL, US
[72] HERRLINGER, KELLI, US
[72] LEWIS, BRANDON, US
[72] FENG, HARRY, US
[71] KEMIN INDUSTRIES, INC., US
[85] 2015-01-30
[86] 2013-08-09 (PCT/US2013/054274)
[87] (WO2014/026081)
[30] US (61/681,414) 2012-08-09

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[13] A1

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B32B 7/00 (2006.01) B32B 7/02
(2006.01) B32B 7/14 (2006.01) B32B
9/00 (2006.01) B32B 9/04 (2006.01)
B32B 15/02 (2006.01) B32B 27/00
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[25] EN
[54] **FLAME RETARDANT BALLISTIC
LAMINATE LAYER**
[54] **COUCHE STRATIFIEE
BALISTIQUE RETARDATRICE DE
FLAMME**
[72] GUO, CHUANPU, US
[72] KOPAN, BRIAN R., US
[72] DOBRISKI, JOSEF S., US
[71] TENCATE ADVANCED ARMOR
USA, INC., US
[85] 2015-01-30
[86] 2013-09-06 (PCT/US2013/058504)
[87] (WO2014/084947)
[30] US (13/608,809) 2012-09-10

[21] **2,880,710**
[13] A1

[51] **Int.Cl. F16K 3/02 (2006.01) F16K
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[25] EN
[54] **IMPROVED PIPELINE
APPARATUS**
[54] **APPAREIL DE CONDUITE
AMELIORE**
[72] ENSTON, ROBERT PETER, PH
[71] ENSTON, ROBERT PETER, PH
[85] 2015-01-30
[86] 2013-08-05 (PCT/GB2013/052082)
[87] (WO2014/020358)
[30] GB (1213808.7) 2012-08-03

[21] **2,880,711**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F
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H04L 29/08 (2006.01)**
[25] EN
[54] **PREDICTIVE CACHING FOR
CONTENT**
[54] **MISE EN MEMOIRE CACHE
PREDICTIVE DE CONTENU**
[72] FREEMAN, JAMES MARVIN, II, US
[72] BROMBERG, AARON M., US
[72] HERRON-PATMON, BRYANT F., US
[72] KARMACHARYA, NUSH, US
[72] BARNARD, JOSHUA B., US
[72] CHEN, PETER WEI-CHIH, US
[72] SLOTNICK, STEPHEN A., US
[72] DUBEY, ABHISHEK, US
[72] WATTS, ANDREW J., US
[72] WINOGRAD, RICHARD J., US
[71] AMAZON TECHNOLOGIES, INC.,
US
[85] 2015-01-30
[86] 2013-08-21 (PCT/US2013/055980)
[87] (WO2014/031746)
[30] US (13/592,752) 2012-08-23

[21] **2,880,713**
[13] A1

[51] **Int.Cl. F16H 29/02 (2006.01) G02B
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[25] EN
[54] **MULTIDIMENSIONAL ROTARY
MOTION APPARATUS MOVING A
REFLECTIVE SURFACE AND
METHOD OF OPERATING SAME**
[54] **APPAREIL A MOUVEMENT
ROTATIF DEPLACANT UNE
SURFACE REFLECHISSANTE**
[72] REDDY, RAKESH, US
[72] JOHNSON, BRUCE, US
[72] DOYLE, KEVIN, US
[72] PEREZ, GABRIEL, US
[71] PENTAIR WATER POOL AND SPA,
INC., US
[85] 2015-01-30
[86] 2013-08-01 (PCT/US2013/053315)
[87] (WO2014/022721)
[30] US (61/678,622) 2012-08-01
[30] US (13/626,871) 2012-09-25

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[21] **2,880,714**
[13] A1

[51] **Int.Cl. A23C 19/082 (2006.01) A23C 19/11 (2006.01)**
[25] EN
[54] **PROCESSED CHEESE WITH CULTURED DAIRY COMPONENTS AND METHOD OF MANUFACTURING**
[54] **FROMAGE FONDU RENFERMANT DES COMPOSANTS LAITIERS DE CULTURE ET SON PROCEDE DE FABRICATION**
[72] ZHENG, ZUOXING, US
[72] CHINWALLA, AMMAR N., US
[72] MARCUS-JOHNSON, CHRISTINE D., US
[72] REDDY, DIVYA SHREE, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2015-01-30
[86] 2013-08-22 (PCT/US2013/056169)
[87] (WO2014/031842)
[30] US (61/692,129) 2012-08-22

[21] **2,880,715**
[13] A1

[51] **Int.Cl. B64D 43/00 (2006.01)**
[25] EN
[54] **CHECKLIST DISPLAY SYSTEM, METHOD AND GRAPHICAL DISPLAY THEREFOR**
[54] **SYSTEME D'AFFICHAGE DE LISTE DE VERIFICATION, PROCEDE ET AFFICHAGE GRAPHIQUE ASSOCIES**
[72] BLOND, AURELIEN, CA
[72] DUCHESNE, SOPHIE, CA
[72] OUELLETTE, BENOIT, CA
[72] ROUTHIER, NADIA, CA
[71] BOMBARDIER INC., CA
[85] 2015-01-30
[86] 2012-08-07 (PCT/IB2012/001516)
[87] (WO2014/023989)

[21] **2,880,717**
[13] A1

[51] **Int.Cl. H04B 3/56 (2006.01)**
[25] EN
[54] **CLOSED-CIRCUIT POWER LINE COMMUNICATION SYSTEM FOR LARGE CAPACITY LOAD**
[54] **SYSTEME DE COMMUNICATION PAR COURANTS PORTEURS EN LIGNE EN CIRCUIT FORME POUR GRANDE CHARGE DE CAPACITE**
[72] KIM, JUNG-HO, KR
[71] KIM, JUNG-HO, KR
[71] UNILUX INC., KR
[85] 2015-01-14
[86] 2013-02-08 (PCT/KR2013/001038)
[87] (WO2013/187573)
[30] KR (10-2012-0063820) 2012-06-14

[21] **2,880,719**
[13] A1

[51] **Int.Cl. G01N 15/05 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO DETERMINE THE BLOOD SEDIMENTATION RATE AND OTHER PARAMETERS CONNECTED THERETO**
[54] **APPAREIL ET PROCEDE POUR DETERMINER LA VITESSE DE SEDIMENTATION DU SANG ET D'AUTRES PARAMETRES ASSOCIES A CELLE-CI**
[72] GALIANO, PAOLO, IT
[71] ALIFAX HOLDING SPA, IT
[85] 2015-01-30
[86] 2013-07-19 (PCT/IB2013/001565)
[87] (WO2014/020392)
[30] IT (UD2012A000137) 2012-07-31

[21] **2,880,720**
[13] A1

[51] **Int.Cl. H04W 52/02 (2009.01) H04W 4/12 (2009.01) H04W 60/00 (2009.01) H02G 1/02 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **POWER MANAGEMENT OF BATTERY POWERED CONTROL DEVICES**
[54] **GESTION D'ENERGIE DE DISPOSITIFS DE COMMANDE ALIMENTES PAR BATTERIE**
[72] SWARTZENDRUBER, RYAN W., US
[72] FEIGHT, LAURENCE V., US
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[85] 2015-01-30
[86] 2013-09-04 (PCT/US2013/058072)
[87] (WO2014/039562)
[30] US (13/605,679) 2012-09-06

[21] **2,880,721**
[13] A1

[51] **Int.Cl. H04B 1/40 (2015.01) H04J 11/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS USING THE HERMETIC TRANSFORM FOR TRANSMITTING AND RECEIVING SIGNALS USING OFDM**
[54] **DISPOSITIFS ET PROCEDES UTILISANT LA TRANSFORMATION HERMETIQUE POUR EMETTRE ET RECEVOIR DES SIGNAUX UTILISANT OFDM**
[72] WOODSUM, HARVEY C., US
[71] WOODSUM, HARVEY C., US
[85] 2015-01-30
[86] 2013-08-02 (PCT/US2013/053422)
[87] (WO2014/022771)
[30] US (61/678,716) 2012-08-02
[30] US (13/788,556) 2013-03-07

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[21] **2,880,724**
[13] A1

[51] **Int.Cl. C21D 8/12 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/16 (2006.01)**

[25] EN

[54] **METHOD OF PRODUCTION OF GRAIN-ORIENTED SILICON STEEL SHEET GRAIN ORIENTED ELECTRICAL STEEL SHEET AND USE THEREOF**

[54] **PROCEDE DE PRODUCTION D'UNE TOLE D'ACIER ELECTRIQUE A GRAINS ORIENTES DE TOLE D'ACIER AU SILICIUM A GRAINS ORIENTES ET UTILISATION ASSOCIEE**

[72] GABOR, BAN, DE
[72] VAN DE PUTTE, TOM, DE
[71] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2015-01-30
[86] 2013-07-30 (PCT/IB2013/001657)
[87] (WO2014/020406)
[30] IB (PCT/IB2012/001475) 2012-07-31

[21] **2,880,725**
[13] A1

[51] **Int.Cl. H04M 3/42 (2006.01) H04M 7/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CALL ROUTING MANAGEMENT IN A TELECOMMUNICATION NETWORK**

[54] **SYSTEME ET PROCEDE POUR LA GESTION DU ROUTAGE DES APPELS DANS UN RESEAU DE TELECOMMUNICATIONS**

[72] KARP, MATTHEW ABRAM, US
[72] BENNEFELD, BRIAN, US
[72] OFFICER, MICHAEL JARED, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2015-01-30
[86] 2013-09-13 (PCT/US2013/059790)
[87] (WO2014/043559)
[30] US (13/618,750) 2012-09-14

[21] **2,880,726**
[13] A1

[51] **Int.Cl. C12P 7/44 (2006.01) C07C 51/36 (2006.01) C07C 51/377 (2006.01) C07C 51/38 (2006.01) C07C 59/235 (2006.01) C12P 7/50 (2006.01)**

[25] EN

[54] **ALTERNATIVE PATHWAYS TO ADIPATES AND ADIPIC ACID BY COMBINED FERMENTATION AND CATALYTIC METHODS**

[54] **VOIES DE RECHANGE VERS DES ADIPATES ET DE L'ACIDE ADIPIQUE PAR DES PROCEDES COMBINES DE FERMENTATION ET DE CATALYSE**

[72] MILLIS, JAMES R., US
[72] LAU, MAN KIT, US
[71] BIOAMBER INC., US
[85] 2015-01-30
[86] 2013-09-11 (PCT/US2013/059170)
[87] (WO2014/043182)
[30] US (61/701,096) 2012-09-14

[21] **2,880,728**
[13] A1

[51] **Int.Cl. A45C 13/02 (2006.01) A45C 13/00 (2006.01)**

[25] EN

[54] **HANDBAG PRESERVATION UNIT**

[54] **UNITE DE CONSERVATION DE SAC A MAIN**

[72] CANFIELD, LAUREL LANAI, US
[72] CANFIELD, CHARLES O., US
[72] MILES, JEROME, US
[72] WEST, RANDALL, US
[71] CANFIELD, LAUREL LANAI, US
[71] CANFIELD, CHARLES O., US
[71] MILES, JEROME, US
[71] WEST, RANDALL, US
[85] 2015-01-30
[86] 2013-08-02 (PCT/US2013/053426)
[87] (WO2014/022775)
[30] US (61/678,986) 2012-08-02
[30] US (13/957,281) 2013-08-01

[21] **2,880,730**
[13] A1

[51] **Int.Cl. E21B 43/32 (2006.01) E21B 43/295 (2006.01)**

[25] EN

[54] **ISOTHERM AND GAS-IN-PLACE ESTIMATION CONSIDERING CAPILLARY CONDENSATION IN SHALE GAS RESERVOIR**

[54] **ESTIMATION ISOTHERME ET GAZ-EN-PLACE TENANT COMPTE DE LA CONDENSATION CAPILLAIRE DANS UN RESERVOIR DE GAZ DE SCHISTE**

[72] CHEN, JINHONG, US
[72] JIN, GUODONG, US
[72] LI, BAOYAN, US
[72] GEORGI, DANIEL T., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-01-30
[86] 2013-09-20 (PCT/US2013/060801)
[87] (WO2014/052176)
[30] US (13/628,551) 2012-09-27

[21] **2,880,732**
[13] A1

[51] **Int.Cl. G06F 11/07 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR CONFIGURATION MANAGEMENT**

[54] **SYSTEME ET PROCEDES DE GESTION DE CONFIGURATION**

[72] FLYNN, MATTHEW DAVID, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2015-01-30
[86] 2013-08-02 (PCT/US2013/053455)
[87] (WO2014/022789)
[30] US (61/678,959) 2012-08-02
[30] US (13/673,550) 2012-11-09

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[21] **2,880,734**
[13] A1

[51] **Int.Cl. H04B 1/04 (2006.01) H04W 24/02 (2009.01) H04W 88/00 (2009.01) H03F 1/07 (2006.01) H03F 3/20 (2006.01) H04L 27/00 (2006.01)**

[25] EN

[54] **EXTENDED BANDWIDTH DIGITAL DOHERTY TRANSMITTER**

[54] **EMETTEUR NUMERIQUE DOHERTY AVEC LARGEUR DE BANDE ETENDUE**

[72] GHANNOUCHI, FADHEL, CA
[72] DARRAJI, RAMZI, CA
[71] GHANNOUCHI, FADHEL, CA
[71] DARRAJI, RAMZI, CA
[85] 2015-02-02
[86] 2013-07-31 (PCT/CA2013/000678)
[87] (WO2014/019071)
[30] US (13/563,621) 2012-07-31

[21] **2,880,735**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 1/00 (2006.01)**

[25] EN

[54] **REDUCED-PRESSURE ABSORBENT DRESSING, SYSTEM FOR TREATING A TISSUE SITE, AND METHOD OF MANUFACTURING THE DRESSING**

[54] **PANSEMENT ABSORBANT A PRESSION REDUITE, SYSTEME POUR TRAITER UN SITE TISSULAIRE, ET PROCEDE DE FABRICATION DU PANSEMENT**

[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] HALL, COLIN JOHN, GB
[71] KCI LICENSING, INC., US
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052733)
[87] (WO2014/022400)
[30] US (61/677,376) 2012-07-30

[21] **2,880,736**
[13] A1

[51] **Int.Cl. G01R 1/02 (2006.01) G01R 19/00 (2006.01)**

[25] EN

[54] **MEASURING INSTRUMENT FOR DETECTION OF ELECTRICAL PROPERTIES IN A LIQUID**

[54] **INSTRUMENT DE MESURE SERVANT A DETECTER DES PROPRIETES ELECTRIQUES DANS UN LIQUIDE**

[72] FOURNIER, DERRICK P., CA
[72] PALMA, HENRY A., CA
[72] SMYTH, CAMERON, CA
[71] 2351161 ONTARIO LIMITED, CA
[85] 2015-02-02
[86] 2013-02-22 (PCT/CA2013/000159)
[87] (WO2014/019061)
[30] CA (2784627) 2012-08-03

[21] **2,880,737**
[13] A1

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

[25] EN

[54] **A USER RECOMMENDATION METHOD AND A USER RECOMMENDATION SYSTEM USING THE SAME**

[54] **PROCEDE DE RECOMMANDATION D'UTILISATEUR ET SYSTEME DE RECOMMANDATION D'UTILISATEUR EMPLOYANT CE PROCEDE**

[72] XU, ZHENYU, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-02-02
[86] 2013-06-03 (PCT/CN2013/076649)
[87] (WO2014/023123)
[30] CN (201210280588.1) 2012-08-08

[21] **2,880,739**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61K 31/501 (2006.01) A61K 31/502 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PIPERAZINOTRIZOLE COMPOUND, PREPARATION METHOD THEREFOR, AND USE THEREOF IN DRUG PREPARATION**

[54] **COMPOSE DE PIPERAZINOTRIZOLE, SON PROCEDE DE PREPARATION ET SON UTILISATION DANS LA PREPARATION DE MEDICAMENT**

[72] ZHANG, AO, CN
[72] MIAO, ZEHONG, CN
[72] YE, NA, CN
[72] HUAN, XIAJUAN, CN
[72] SONG, ZILAN, CN
[72] CHEN, CHUANHUIZI, CN
[72] CHEN, YI, CN
[72] DING, JIAN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2015-02-02
[86] 2013-07-24 (PCT/CN2013/079998)
[87] (WO2014/019468)
[30] CN (201210272101.5) 2012-08-01

[21] **2,880,740**
[13] A1

[51] **Int.Cl. E05B 77/04 (2014.01) E05B 85/02 (2014.01) E05B 85/26 (2014.01)**

[25] EN

[54] **MOTOR VEHICLE DOOR LOCK**

[54] **SERRURE DE PORTIERE DE VEHICULE AUTOMOBILE**

[72] MITTELBACH, STEPHAN, DE
[71] KIEKERT AKTIENGESSELLSCHAFT, DE
[85] 2015-02-02
[86] 2013-07-27 (PCT/DE2013/000410)
[87] (WO2014/019564)
[30] DE (20 2012 007 326.5) 2012-07-31

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[21] **2,880,742**
[13] A1

[51] **Int.Cl. A61K 31/215 (2006.01) A61K 9/00 (2006.01) A61K 31/137 (2006.01) A61K 31/275 (2006.01) A61K 31/47 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY FOR TREATMENT OF MULTIPLE SCLEROSIS**

[54] **POLYTHERAPIE POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**

[72] TERWEY, THEIS, DE
[72] RUPP, RONALD, DE
[72] ANDERSEN, PEDER M., DK
[71] FORWARD PHARMA A/S, DK
[85] 2015-02-02
[86] 2013-08-02 (PCT/EP2013/066285)
[87] (WO2014/020156)
[30] EP (12179232.9) 2012-08-03
[30] EP (12187939.9) 2012-10-10
[30] US (61/712,008) 2012-10-10

[21] **2,880,743**
[13] A1

[51] **Int.Cl. B30B 9/20 (2006.01) C13B 20/16 (2011.01) C02F 11/12 (2006.01) D21B 1/12 (2006.01) D21F 3/02 (2006.01) F26B 5/12 (2006.01) F26B 5/14 (2006.01)**

[25] EN

[54] **AN APPARATUS AND A METHOD FOR DEWATERING WOOD CHIPS**

[54] **APPAREIL ET PROCEDE DE DESHYDRATATION DE COPEAUX DE BOIS**

[72] SOBOTA, ERNEST STEFAN GEORG, CH
[72] KARLSSON, CARL JOHAN INGVAR, SE
[71] COPOLIA COMPANY SA, CH
[85] 2015-02-02
[86] 2013-08-28 (PCT/EP2013/067793)
[87] (WO2014/033156)
[30] SE (1250958-4) 2012-08-28

[21] **2,880,744**
[13] A1

[51] **Int.Cl. E05B 77/34 (2014.01)**

[25] EN

[54] **MOTOR VEHICLE DOOR LOCK**

[54] **SERRURE DE PORTIERE DE VEHICULE AUTOMOBILE**

[72] MITTELBACH, STEPHAN, DE
[71] KIEKERT AKTIENGESELLSCHAFT, DE
[85] 2015-02-02
[86] 2013-07-25 (PCT/DE2013/000411)
[87] (WO2014/019565)
[30] DE (20 2012 007 325.7) 2012-07-31

[21] **2,880,745**
[13] A1

[51] **Int.Cl. A61L 27/12 (2006.01) A61L 27/36 (2006.01) A61L 27/50 (2006.01) A61L 27/54 (2006.01)**

[25] EN

[54] **HYDROPHILIC PHOSPHATE GROUP CONTAINING DEHYDRATED PARTIALLY PURIFIED BONE REPLACEMENT MATERIAL**

[54] **GROUPE PHOSPHATE HYDROPHILE CONTENANT UN MATERIAU DE SUBSTITUTION OSSEUSE PURIFIE ET PARTIELLEMENT DESHYDRATE**

[72] IMHOF, CORNEL, CH
[72] SCHLOSSER, LOTHAR, DE
[72] SCHAFFER, BIRGIT, CH
[72] BUFLER, MICHAEL, CH
[71] GEISTLICH PHARMA AG, CH
[85] 2015-02-02
[86] 2013-07-29 (PCT/EP2013/002240)
[87] (WO2014/019672)
[30] EP (EP12005559) 2012-07-31
[30] EP (EP12005560) 2012-07-31

[21] **2,880,746**
[13] A1

[51] **Int.Cl. A23C 11/00 (2006.01) A23L 1/035 (2006.01) A23L 1/19 (2006.01)**

[25] EN

[54] **OIL-IN-WATER EMULSION COMPRISING DEAMIDATED PROTEIN**

[54] **EMULSION D'HUILE DANS L'EAU COMPRENANT UNE PROTEINE DEAMIDEE**

[72] SANZ-VALERO, JUAN, US
[72] CHENG, PU-SHENG, US
[72] PASCUAL, TERESITA BAUTISTA, US
[71] NESTEC S.A., CH
[85] 2015-02-02
[86] 2013-08-08 (PCT/EP2013/066647)
[87] (WO2014/023805)
[30] US (61/681,719) 2012-08-10

[21] **2,880,747**
[13] A1

[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/021 (2006.01) A61B 5/026 (2006.01)**

[25] EN

[54] **DEVICES, SYSTEMS, AND METHODS FOR ASSESSING A VESSEL**

[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'EVALUATION D'UN VAISSEAU**

[72] HATTANGADI, NEIL, US
[72] HUENNEKENS, R. SCOTT, US
[71] VOLCANO CORPORATION, US
[85] 2015-01-30
[86] 2013-08-02 (PCT/US2013/053485)
[87] (WO2014/022804)
[30] US (61/679,673) 2012-08-03

[21] **2,880,748**
[13] A1

[51] **Int.Cl. B02C 18/14 (2006.01) B02C 18/16 (2006.01) B02C 18/18 (2006.01)**

[25] EN

[54] **DISINTEGRATING DEVICE**

[54] **DISPOSITIF DE DESAGREGATION**

[72] DOPPSTADT, JOHANN, DE
[72] BERGER, HORST, DE
[71] DOPPSTADT FAMILIENHOLDING GMBH, DE
[85] 2015-02-02
[86] 2013-07-22 (PCT/EP2013/065424)
[87] (WO2014/019879)
[30] DE (20 2012 007 418.0) 2012-08-03

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[21] **2,880,750**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01)**
[25] EN
[54] **EXPRESSION VECTORS COMPRISING CHIMERIC CYTOMEGALOVIRUS PROMOTER AND ENHANCER SEQUENCES**
[54] **VECTEURS D'EXPRESSION COMPRENANT DES SEQUENCES AMPLIFICATRICES ET PROMOTRICES DE CYTOMEGALOVIRUS CHIMERIQUE**
[72] PAYNE, TOM, GB
[72] YOUNG, ROBERT, GB
[72] FEARY, MARC, GB
[71] LONZA BIOLOGICS PLC., GB
[85] 2015-02-02
[86] 2013-09-23 (PCT/EP2013/069715)
[87] (WO2014/044845)
[30] EP (12185728.8) 2012-09-24

[21] **2,880,751**
[13] A1

[51] **Int.Cl. B41M 7/00 (2006.01) C09D 11/00 (2014.01) C09D 11/10 (2014.01)**
[25] EN
[54] **ELECTRON BEAM CURABLE INKJET INKS AND THEIR USE IN INKJET PRINTING METHODS**
[54] **ENCRES POUR IMPRESSION A JET D'ENCRE DURCISSABLES PAR FAISCEAU ELECTRONIQUE ET LEUR UTILISATION DANS DES PROCEDES D'IMPRESSION A JET D'ENCRE**
[72] DE ROSSI, UMBERTO, DE
[72] BOLENDER, OLIVER, DE
[71] MANKIEWICZ GEBR. & CO. GMBH & CO. KG, DE
[85] 2015-02-02
[86] 2013-08-21 (PCT/DE2013/000468)
[87] (WO2014/029381)
[30] DE (10 2012 016 690.7) 2012-08-24

[21] **2,880,752**
[13] A1

[51] **Int.Cl. F16L 1/10 (2006.01)**
[25] EN
[54] **ALIGNMENT DEVICE, AND METHOD OF ALIGNMENT USING AN ALIGNMENT DEVICE**
[54] **DISPOSITIF D'ALIGNEMENT ET PROCEDE D'ALIGNEMENT UTILISANT LE DISPOSITIF D'ALIGNEMENT**
[72] PERCIVAL, KENNETH, GB
[71] BAE SYSTEMS PLC, GB
[85] 2015-02-02
[86] 2013-08-02 (PCT/GB2013/052075)
[87] (WO2014/020353)
[30] GB (1213805.3) 2012-08-03

[21] **2,880,753**
[13] A1

[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 31/7076 (2006.01) A61P 15/00 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **A3 ADENOSINE RECEPTOR LIGANDS FOR USE IN TREATMENT OF A SEXUAL DYSFUNCTION**
[54] **LIGANDS DU RECEPTEUR A3 DE L'ADENOSINE POUR L'UTILISATION DANS LE TRAITEMENT D'UN DYSFONCTIONNEMENT SEXUEL**
[72] FISHMAN, PNINA, IL
[71] CAN-FITE BIOPHARMA LTD., IL
[85] 2015-02-02
[86] 2013-08-08 (PCT/IL2013/050675)
[87] (WO2014/024195)
[30] IL (221382) 2012-08-09
[30] IL (222988) 2012-11-12

[21] **2,880,754**
[13] A1

[51] **Int.Cl. G06Q 20/28 (2012.01) G06Q 20/20 (2012.01) G06Q 20/40 (2012.01) G07B 15/02 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING, RELOADING, AND REDEEMING STORED VALUE CARDS USED IN TRANSIT APPLICATIONS**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR, RECHARGER ET REMBOURSER DES CARTES DE VALEUR STOCKEES UTILISEES DANS DES APPLICATIONS DE TRANSIT**
[72] GRAVES, PHILLIP, US
[72] SMITH, MERRILL BROOKS, US
[72] CHAKIRIS, PHIL M., US
[72] PARLOTTO, MICHAEL, US
[71] E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC., US
[85] 2015-02-02
[86] 2013-08-06 (PCT/US2013/053734)
[87] (WO2014/025742)
[30] US (61/680,802) 2012-08-08
[30] US (13/959,379) 2013-08-05

[21] **2,880,755**
[13] A1

[51] **Int.Cl. A24B 15/28 (2006.01) A24B 1/00 (2006.01) A24B 15/24 (2006.01) A24B 15/30 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING LOW NITROSAMINE CONTENTS TOBACCO**
[54] **PROCEDE DE FABRICATION D'UN TABAC A BASSES TENEURS EN NITROSAMINES**
[72] MIELE, SEGIO, IT
[72] ROMANI, ANNALISA, IT
[72] BARGIACCHI, ENRICA, IT
[72] CAMPO, MARGHERITA, IT
[71] GRUPPO MAURO SAVIOLA S.R.L., IT
[85] 2015-01-30
[86] 2013-07-31 (PCT/IB2013/001679)
[87] (WO2014/024020)
[30] IT (MI2012A001419) 2012-08-08

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[21] **2,880,758**
[13] A1

[51] **Int.Cl. G06N 3/04 (2006.01)**
[25] EN
[54] **METHOD AND COMPUTING SYSTEM FOR MODELLING A PRIMATE BRAIN**
[54] **PROCEDE ET SYSTEME DE CALCUL POUR MODELISER UN CERVEAU DE PRIMATE**
[72] MERSMANN, JOCHEN, DE
[72] JIRSA, VIKTOR, FR
[72] RITTER, PETRA, DE
[72] MCINTOSH, ANTHONY RANDAL, CA
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] BAYCREST CENTRE FOR GERIATRIC CARE, CA
[85] 2015-01-30
[86] 2013-08-02 (PCT/IB2013/001707)
[87] (WO2014/020428)
[30] US (61/678,950) 2012-08-02

[21] **2,880,760**
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/04 (2006.01) A61F 2/02 (2006.01) A61F 2/82 (2013.01)**
[25] EN
[54] **DEVICES AND METHODS FOR SECURING MEDICAL DEVICES WITHIN AN ANATOMY**
[54] **DISPOSITIFS ET PROCEDES DE FIXATION DE DISPOSITIFS MEDICAUX A L'INTERIEUR D'UNE ANATOMIE**
[72] O'HARA, MICHAEL L., US
[72] ESKAROS, SHERIF A., US
[72] WARNER, CLIFFORD P., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-02-02
[86] 2013-08-08 (PCT/US2013/054052)
[87] (WO2014/025959)
[30] US (61/681,688) 2012-08-10
[30] US (13/961,461) 2013-08-07

[21] **2,880,761**
[13] A1

[51] **Int.Cl. C09D 7/12 (2006.01) B08B 17/02 (2006.01)**
[25] EN
[54] **COATING COMPOSITION FOR THE PREVENTION AND/OR REMOVAL OF LIMESCALE AND/OR SOAP SCUM**
[54] **COMPOSITION DE REVETEMENT POUR LA PREVENTION ET/OU LE RETRAIT DE CALCAIRE ET/OU D'ECUME DE SAVON**
[72] STRERATH, CHRISTIANE, DE
[72] JING, NAIYONG, US
[72] ZHANG, YIFAN, US
[72] LEGATT, MICHELLE L., US
[72] WOLK, DIANE R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2015-02-02
[86] 2013-08-06 (PCT/US2013/053768)
[87] (WO2014/025762)
[30] EP (12179506.6) 2012-08-07

[21] **2,880,762**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01) C12N 15/54 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS IN BREAST CANCER**
[54] **METHODES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE PRONOSTIC DU CANCER DU SEIN**
[72] BERTHIAUME, LUC GERARD, CA
[72] HEIT, RYAN JOHN, CA
[71] PACYLEX PHARMACEUTICALS INC., CA
[85] 2015-01-30
[86] 2013-08-01 (PCT/IB2013/002103)
[87] (WO2014/020444)
[30] US (61/678,232) 2012-08-01

[21] **2,880,763**
[13] A1

[51] **Int.Cl. A63F 13/28 (2014.01)**
[25] EN
[54] **VIDEO POKER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE POKER VIDEO**
[72] BRIEN, DAVID R., US
[71] BRIEN, DAVID R., US
[85] 2015-02-02
[86] 2013-09-10 (PCT/US2013/058847)
[87] (WO2014/040006)
[30] US (13/607,939) 2012-09-10

[21] **2,880,764**
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01) A61K 31/05 (2006.01) A61K 31/282 (2006.01) A61K 31/337 (2006.01) A61K 31/352 (2006.01) A61K 31/404 (2006.01) A61K 31/4196 (2006.01) A61K 31/436 (2006.01) A61K 31/454 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61K 31/5377 (2006.01) A61K 33/24 (2006.01) A61K 39/395 (2006.01) A61N 5/00 (2006.01)**
[25] EN
[54] **HUMAN PAPILLOMA VIRUS AS PREDICTOR OF CANCER PROGNOSIS**
[54] **PAPILLOMAVIRUS HUMAIN EN TANT QUE PREDICTEUR DU PRONOSTIC DU CANCER**
[72] YELENSKY, ROMAN, US
[72] BOSHOFF, CHRIS HENDRIK, GB
[72] FENTON, TIMOTHY ROBERT, GB
[72] LECHNER, MATTHIAS ALEXANDER, GB
[72] STEPHENS, PHILIP JAMES, US
[72] HAWRYLUK, MATTHEW J., US
[72] FRAMPTON, GARRETT MICHAEL, US
[71] FOUNDATION MEDICINE, INC., US
[71] UCL BUSINESS PLC, GB
[85] 2015-01-30
[86] 2013-08-02 (PCT/US2013/053516)
[87] (WO2014/022830)
[30] US (61/679,354) 2012-08-03

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[21] **2,880,765**
[13] A1

[51] **Int.Cl. G01N 1/34 (2006.01) B01D 15/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR RAPID AND REVERSIBLE BIOMOLECULAR LABELING**
[54] **COMPOSITIONS ET PROCÉDES DE MARQUAGE BIOMOLECULAIRE RAPIDE ET REVERSIBLE**
[72] CLARKE, SAMUEL JON, CA
[71] STEMCELL TECHNOLOGIES INC., CA
[85] 2015-02-03
[86] 2013-08-22 (PCT/CA2013/000733)
[87] (WO2014/029012)
[30] US (61/692,422) 2012-08-23
[30] US (61/781,651) 2013-03-14

[21] **2,880,766**
[13] A1

[51] **Int.Cl. A23G 1/50 (2006.01) A44C 9/00 (2006.01)**
[25] EN
[54] **IMPROVED CARRIER DEVICE FOR A CHOCOLATE FIGURE AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **DISPOSITIF DE SUPPORT PERFECTIONNE POUR UNE FIGURINE EN CHOCOLAT ET PROCÉDE PERMETTANT LA FABRICATION DE CE DERNIER**
[72] PATYN, LUK, BE
[71] C&B LOGISTICS BVBA, BE
[85] 2015-01-30
[86] 2013-07-01 (PCT/IB2013/055398)
[87] (WO2014/024058)
[30] BE (BE2012/0542) 2012-08-10

[21] **2,880,767**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF GLIOBLASTOMA**
[54] **POLYTHÉRAPIE POUR LE TRAITEMENT D'UN GLIOBLASTOME**
[72] DAS, ASHA, US
[72] GUIJARRO, ANA MARIA ABAJO, CH
[72] ABREY, LAUREN, CH
[72] GARCIA, JOSEP, CH
[72] HILTON, MAGALIE, CH
[72] KERLOEGUEN, YANNICK, CH
[72] MOORE, NICOLA, CH
[71] GENENTECH, INC., US
[85] 2015-01-30
[86] 2013-08-06 (PCT/US2013/053841)
[87] (WO2014/025813)
[30] US (61/680,672) 2012-08-07
[30] US (61/714,438) 2012-10-16
[30] US (61/760,763) 2013-02-05

[21] **2,880,768**
[13] A1

[51] **Int.Cl. C07K 14/195 (2006.01) A23L 1/185 (2006.01) C12C 7/04 (2006.01) C12C 11/00 (2006.01) C12N 9/24 (2006.01) C12N 15/56 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **METHOD**
[54] **PROCÉDE**
[72] ARENT, SUSAN LUND, DK
[72] LAURSEN, BRIAN SOGAARD, DK
[72] KIARIE, ELIJAH GITUANJAH, US
[72] MILLAN, LUIS FERNANDO ROMERO, GB
[72] ZHANG, ZHENGHONG, CN
[72] LAU, ROSALYN, CN
[72] YU, ZHEYONG, CN
[72] DALSGAARD, SOREN, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2015-02-03
[86] 2012-08-03 (PCT/CN2012/079655)
[87] (WO2014/019220)

[21] **2,880,769**
[13] A1

[51] **Int.Cl. G01N 21/47 (2006.01) G01Q 60/18 (2010.01)**
[25] EN
[54] **PUMP PROBE MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE A SONDE DE POMPAGE**
[72] SHIGEKAWA, HIDEMI, JP
[72] TAKEUCHI, OSAMU, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[85] 2015-02-02
[86] 2012-07-31 (PCT/JP2012/069517)
[87] (WO2013/018813)
[30] JP (2011-169682) 2011-08-02

[21] **2,880,770**
[13] A1

[51] **Int.Cl. B32B 7/06 (2006.01) A01G 9/14 (2006.01) B32B 7/04 (2006.01) B32B 27/00 (2006.01) B32B 27/06 (2006.01) B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01) B32B 27/40 (2006.01) B65D 90/04 (2006.01)**
[25] EN
[54] **MULTILAYER PLASTIC FILM WITH SEPARABLE LAYERS FOR COVERING OF INFLATED GREENHOUSE**
[54] **FILM DE MATIÈRE PLASTIQUE MULTI-COUCHE COMPRENANT DES COUCHE SEPARABLES POUR LA COUVERTURE D'UNE SERRE GONFLEE**
[72] LEMPIDAKIS, IOANNIS, GR
[72] LEMPIDAKIS, EMMANOUIL, GR
[72] LEMPIDAKIS, MICHAIL, GR
[72] MELAS, IOANNIS, GR
[72] VERTOUDAKIS, KONSTANTINOS, GR
[71] PLASTIKA KRITIS S.A., GR
[85] 2015-02-03
[86] 2013-06-28 (PCT/EP2013/063722)
[87] (WO2014/023479)
[30] GB (1214177.6) 2012-08-08

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[21] **2,880,771**
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) G01L 19/00 (2006.01)**

[25] EN

[54] **PRESSURE MEASUREMENT UNIT FOR DETERMINING FLUID PRESSURE WITHIN A MEDICAL FLUID DISPENSING DEVICE**

[54] **UNITE DE MESURE DE PRESSION POUR DETERMINER LA PRESSION DE FLUIDE DANS UN DISPOSITIF DE DISTRIBUTION DE FLUIDE MEDICAL**

[72] MAGNENAT, OLIVIER, CH

[72] CUENI, RETO, CH

[71] DEBIOTECH S.A., CH

[85] 2015-01-30

[86] 2013-07-25 (PCT/IB2013/056108)

[87] (WO2014/020501)

[30] EP (12178990.3) 2012-08-02

[21] **2,880,772**
[13] A1

[51] **Int.Cl. A61K 8/39 (2006.01) A61K 8/49 (2006.01) A61Q 17/04 (2006.01)**

[25] EN

[54] **A PHOTOSTABLE SUNSCREEN COMPOSITION**

[54] **COMPOSITION D'ECRAN SOLAIRE PHOTOSTABLE**

[72] CHAVAN, MOHAN VIJAYKUMAR, IN

[72] DUGGAL, CHARU, IN

[72] GAURAV, KUMAR, IN

[72] RAUT, JANHAVI SANJAY, GB

[72] VAIDYA, ASHISH ANANT, IN

[71] UNILEVER PLC, GB

[85] 2015-02-03

[86] 2013-07-02 (PCT/EP2013/063888)

[87] (WO2014/023481)

[30] EP (12179361.6) 2012-08-06

[21] **2,880,773**
[13] A1

[51] **Int.Cl. F21S 6/00 (2006.01) F21V 21/26 (2006.01) F21V 23/00 (2015.01) H05K 1/00 (2006.01)**

[25] EN

[54] **LAMP WITH PRINTED CIRCUIT BOARDS**

[54] **LAMPE DOTEE DE CARTES DE CIRCUIT IMPRIME**

[72] PIETRELLA, DIEGO, IT

[71] M.D. SRL, IT

[85] 2015-02-03

[86] 2013-07-26 (PCT/EP2013/065852)

[87] (WO2014/019965)

[30] IT (AN2012A000099) 2012-08-03

[21] **2,880,774**
[13] A1

[51] **Int.Cl. C12N 9/24 (2006.01) C12P 7/08 (2006.01)**

[25] EN

[54] **XYLANASES FOR SOLUBILISING ARABINOXYLAN-CONTAINING MATERIAL**

[54] **XYLANASES POUR SOLUBILISER UNE SUBSTANCE CONTENANT DE L'ARABINOXYLANE**

[72] ARENT, SUSAN LUND, DK

[72] LAURSEN, BRIAN SOGAARD, DK

[72] KIARIE, ELIJAH GITUANJAH, US

[72] MILLAN, LUIS FERNANDO ROMERO, GB

[72] ZHANG, ZHENGHONG, CN

[72] LAU, ROSALYN, US

[72] YU, ZHEYONG, CN

[72] KOOY, FLOOR KLAASKE, NL

[72] VAN TUIJL, JAN HENDRIK, NL

[72] KOOPS, BART CHRISTIAAN, NL

[72] PEDERSEN, MADS BROGGER, DK

[72] DALSGAARD, SOREN, DK

[71] DUPONT NUTRITION BIOSCIENCES APS, DK

[85] 2015-02-03

[86] 2013-08-02 (PCT/EP2013/066255)

[87] (WO2014/020142)

[30] CN (PCT/CN2012/079650) 2012-08-03

[30] CN (201310311358.1) 2013-07-23

[21] **2,880,775**
[13] A1

[51] **Int.Cl. C08G 61/08 (2006.01) C09D 165/00 (2006.01)**

[25] EN

[54] **RUBBER MATERIAL WITH BARRIER MATERIAL MADE OF CYCLOOLEFIN COPOLYMERS**

[54] **MATERIAU CAOUTCHOUMIQUE COMPORTANT UN MATERIAU DE BARRIERE EN COPOLYMERES DE CYCLOOLEFINE**

[72] SMIT, THEO, DE

[72] MULLER, KEVIN, DE

[72] DAHMEN, STEFAN, DE

[72] NEGRETE HERRERA, NORMA LIDIA, DE

[72] STURM, BERNHARD, DE

[71] BASF SE, DE

[85] 2015-02-03

[86] 2013-08-02 (PCT/EP2013/066287)

[87] (WO2014/026865)

[30] US (61/682,334) 2012-08-13

[30] EP (12180272.2) 2012-08-13

[21] **2,880,776**
[13] A1

[51] **Int.Cl. A23K 1/06 (2006.01) A23K 1/14 (2006.01) A23K 1/165 (2006.01) C12C 5/00 (2006.01) C12N 9/24 (2006.01)**

[25] EN

[54] **METHOD**

[54] **PROCEDE**

[72] ARENT, SUSAN LUND, DK

[72] LAURSEN, BRIAN SOGAARD, DK

[72] KIARIE, ELIJAH GITUANJAH, US

[72] MILLAN, LUIS FERNANDO ROMERO, GB

[72] ZHANG, ZHENGHONG, CN

[72] LAU, ROSALYN, US

[72] YU, ZHEYONG, CN

[72] PEDERSEN, MADS BROGGER, DK

[72] DALSGAARD, SOREN, DK

[71] DUPONT NUTRITION BIOSCIENCES APS, DK

[85] 2015-02-03

[86] 2013-08-02 (PCT/EP2013/066256)

[87] (WO2014/020143)

[30] CN (PCT/CN2012/079657) 2012-08-03

[30] CN (201310308689.X) 2013-07-22

[21] **2,880,777**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/7088 (2006.01) A61K 31/7105 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMPOSITION FOR TREATING CANCER ASSOCIATED WITH HPV INFECTION**

[54] **COMPOSITION POUR LE TRAITEMENT DU CANCER ASSOCIE A UNE INFECTION PAR LE HPV**

[72] SHIN, YOUNG KEE, KR

[72] KIM, YOUNG-DEUG, KR

[72] JUNG, HUN SOON, KR

[72] KIM, DEUK AE, KR

[71] ABION INC., KR

[85] 2015-02-02

[86] 2013-08-01 (PCT/KR2013/006963)

[87] (WO2014/021667)

[30] KR (10-2012-0084820) 2012-08-02

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[21] **2,880,778**
[13] A1

[51] **Int.Cl. A61K 31/215 (2006.01) A61K 38/10 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOSITION FOR TOPICAL USE**
[54] **COMPOSITION ANTIBACTERIENNE POUR UTILISATION TOPIQUE**
[72] DE PAOLI AMBROSI, GIANFRANCO, IT
[71] GENERAL TOPICS S.R.L., IT
[85] 2015-01-30
[86] 2013-07-29 (PCT/IB2013/056199)
[87] (WO2014/020516)
[30] IT (BS2012A000126) 2012-08-01

[21] **2,880,779**
[13] A1

[51] **Int.Cl. C08G 63/668 (2006.01) A61K 8/85 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **POLYGLYCEROL-AZELAIC ACID POLYESTERS FOR COSMETIC APPLICATIONS**
[54] **POLYESTERS DE POLYGLYCEROL-ACIDE AZELAIQUE POUR APPLICATIONS COSMETIQUES**
[72] GIULIANI, GIAMMARIA, IT
[72] BENEDUSI, ANNA, IT
[72] MASCOLO, ANTONIO, IT
[72] MARZANI, BARBARA, IT
[72] BREGAGLIO, GUIDO, IT
[71] GIULIANI S.P.A., IT
[85] 2015-02-03
[86] 2013-08-02 (PCT/EP2013/066295)
[87] (WO2014/020158)
[30] IT (MI2012A001380) 2012-08-03

[21] **2,880,780**
[13] A1

[51] **Int.Cl. B29C 44/00 (2006.01) B29C 44/12 (2006.01) B29C 44/32 (2006.01) E06B 3/263 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING COMPOSITE PROFILES**
[54] **PROCEDE DE FABRICATION DE PROFILES COMPOSITES**
[72] KOSTERS, MICHAEL, DE
[72] TOMASI, GIANPAOLO, DE
[72] SCHON, LARS, DE
[72] WINDELER, LUDWIG, DE
[71] BASF SE, DE
[85] 2015-02-03
[86] 2013-09-16 (PCT/EP2013/069130)
[87] (WO2014/048785)
[30] EP (12186476.3) 2012-09-28

[21] **2,880,781**
[13] A1

[51] **Int.Cl. G08G 5/00 (2006.01) B64G 1/56 (2006.01)**
[25] EN
[54] **DIRECT BROADCAST ALERT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'ALERTE DE RADIODIFFUSION DIRECTE**
[72] FATTORI MARTEGANI, PIERMARCO, IT
[71] AVIOSONIC SPACE TECH SRLS, IT
[85] 2015-01-30
[86] 2013-07-31 (PCT/IB2013/056295)
[87] (WO2014/020556)
[30] IT (MI2012A001352) 2012-08-01

[21] **2,880,782**
[13] A1

[51] **Int.Cl. B60R 15/04 (2006.01) A47K 11/02 (2006.01)**
[25] EN
[54] **TOILET ARRANGEMENT IN A CAMPER OR CARAVAN**
[54] **SYSTEME DE TOILETTE DANS UN CAMPING-CAR OU UNE CARAVANE**
[72] FRANZEN, DAG, SE
[71] SIRIUS TECHNOLOGY AS, NO
[85] 2015-02-02
[86] 2013-05-03 (PCT/SE2013/050498)
[87] (WO2014/038992)
[30] SE (1250995-6) 2012-09-05

[21] **2,880,783**
[13] A1

[51] **Int.Cl. C01F 11/18 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING STABILIZED AMORPHOUS CALCIUM CARBONATE**
[54] **PROCEDE DE FABRICATION DE CARBONATE DE CALCIUM AMORPHE STABILISE**
[72] MEIRON, OREN, IL
[72] ASHKENAZI, BINYAMIN, IL
[71] AMORPHICAL LTD., IL
[85] 2015-02-03
[86] 2013-08-07 (PCT/IL2013/050670)
[87] (WO2014/024191)
[30] US (61/680,322) 2012-08-07
[30] US (61/736,015) 2012-12-12

[21] **2,880,784**
[13] A1

[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **TAMPON ASSEMBLY**
[54] **ENSEMBLE TAMPON**
[72] EDMUNDS, KATHLEEN, US
[71] EDMUNDS, KATHLEEN, US
[85] 2015-02-03
[86] 2013-07-29 (PCT/US2013/000175)
[87] (WO2014/021920)
[30] US (13/507,883) 2012-08-03

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[21] **2,880,786**
[13] A1

[51] **Int.Cl. A23L 1/48 (2006.01) A23D 7/005 (2006.01) A23D 9/00 (2006.01) A23D 9/02 (2006.01) A23L 1/22 (2006.01) A23L 1/24 (2006.01) A23L 1/307 (2006.01)**

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[54] **USE OF SOLID FAT TO MODULATE TEXTURE OF LOW-FAT EMULSIONS**

[54] **UTILISATION D'UN CORPS GRAS SOLIDE POUR MODULER LA TEXTURE DES EMULSIONS A FAIBLE TENEUR EN MATIERE GRASSE**

[72] SCHWIMMER, WILLIAM H., US
[72] KIM, DENNIS ANN, US
[72] CLASS, ROBERT F., US
[72] WANG, YAN, US
[72] MAHAMMAD, SHAMSHEER, US
[72] CAMPBELL, BRUCE E., US
[72] CASASNOVAS, JOHNNY, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2015-01-30
[86] 2013-09-20 (PCT/US2013/061007)
[87] (WO2014/047492)
[30] US (61/704.276) 2012-09-21

[21] **2,880,787**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 20/00 (2012.01)**

[25] EN

[54] **GAMING SYSTEM**

[54] **SYSTEME DE FONCTIONNEMENT D'UNE LOTERIE**

[72] REID, ANTHONY JOHN, NZ
[72] PIPER, JAMES WILLIAM, NZ
[71] LMS PATENTS (ISLE OF MAN) LIMITED, GB
[85] 2015-01-30
[86] 2013-08-09 (PCT/IB2013/056506)
[87] (WO2014/027284)
[30] NZ (601824) 2012-08-15
[30] NZ (602537) 2012-09-20
[30] NZ (603063) 2012-10-17
[30] NZ (603674) 2012-11-16
[30] NZ (609252) 2013-04-10

[21] **2,880,788**
[13] A1

[51] **Int.Cl. F03D 11/04 (2006.01) E04H 12/12 (2006.01) E04H 12/16 (2006.01)**

[25] EN

[54] **PRECAST CONCRETE POST TENSIONED SEGMENTED WIND TURBINE TOWER**

[54] **TOUR D'EOLIENNE SEGMENTEE POST-CONTRAINTE EN BETON PREFABRIQUE**

[72] LOCKWOOD, JAMES D., US
[72] LOCKWOOD, WILLIAM D., US
[71] LOCKWOOD, JAMES D., US
[85] 2015-02-03
[86] 2013-08-02 (PCT/US2013/000182)
[87] (WO2014/021927)
[30] US (61/742,070) 2012-08-03

[21] **2,880,789**
[13] A1

[51] **Int.Cl. C12N 1/12 (2006.01)**

[25] EN

[54] **DEVICE FOR CULTURING MICROALGAE AND METHOD FOR CULTURING MICROALGAE**

[54] **APPAREIL DE CULTURE POUR MICRO-ALGUES ET PROCEDE DE CULTURE POUR MICRO-ALGUES**

[72] AKASHI, AKIRA, JP
[72] TAKEZAKI, JUN, JP
[72] HAMADA, TAKESHI, JP
[72] TERASAWA, KIYOSHI, JP
[72] TAKAHASHI, MADOKA, JP
[72] OHIRAKI, KENJI, JP
[71] KOBELCO ECO-SOLUTIONS CO., LTD., JP
[85] 2015-02-03
[86] 2013-08-09 (PCT/JP2013/071681)
[87] (WO2014/025020)
[30] JP (2012-178762) 2012-08-10
[30] JP (2012-271509) 2012-12-12

[21] **2,880,790**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/5025 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **BICYCLIC HETEROARYL CYCLOALKYLDIAMINE DERIVATIVES AS INHIBITORS OF SPLEEN TYROSINE KINASES (SYK)**

[54] **DERIVES HETEROARYLE CYCLOALKYLDIAMINE BICYCLIQUES EN TANT QU'INHIBITEURS DE TYROSINE KINASES DE LA RATE (SYK)**

[72] THOMA, GEBHARD, CH
[72] BUEHLMAYER, PETER, CH
[72] VAN EIS, MAURICE, CH
[72] SMITH, ALEXANDER BAXTER, CH
[71] NOVARTIS AG, CH
[85] 2015-01-30
[86] 2013-08-12 (PCT/IB2013/056589)
[87] (WO2014/027300)
[30] US (61/682,392) 2012-08-13

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[51] Int.Cl. C07C 251/38 (2006.01) A61K 31/7068 (2006.01) C07D 333/32 (2006.01) C07H 5/02 (2006.01) C07H 5/10 (2006.01) C07H 19/06 (2006.01) C07B 53/00 (2006.01)	[51] Int.Cl. A61B 17/43 (2006.01) A61F 6/04 (2006.01) A61F 6/06 (2006.01) A61F 13/20 (2006.01) A61F 13/34 (2006.01)	[51] Int.Cl. H01R 12/70 (2011.01) H01R 13/6477 (2011.01) H01R 13/424 (2006.01)
[25] EN	[25] EN	[25] EN
[54] SYNTHETIC INTERMEDIATE OF 1-(2-DEOXY-2-FLUORO-4-THIO-BETA.-D-ARABINOFURANOSYL)CYTOSINE, SYNTHETIC INTERMEDIATE OF THIONUCLEOSIDE, AND METHODS FOR PRODUCING THE SAME	[54] ARTIFICIAL INSEMINATION AND VAGINAL INSERTION	[54] POWER CABLE SPLICE SLEEVE AND INSTALLATION METHOD
[54] INTERMEDIAIRE POUR LA SYNTHESE DE 1-(2-DESOXY-2-FLUORO-4-THIO-S-D-ARABINOFURANOSYL)CYTOSINE, INTERMEDIAIRE POUR LA SYNTHESE D'UN THIONUCLEOSIDE ET PROCEDES POUR LA PRODUCTION DE CES INTERMEDIAIRES	[54] INSEMINATION ARTIFICIELLE ET INSERTION VAGINALE	[54] MANCHON D'EPISSURE DE CABLE D'ALIMENTATION ET PROCEDE D'INSTALLATION
[72] NAKAMURA, KOUKI, JP	[72] KANNER, GLENN, US	[72] EMERSON, TOD D., US
[72] SHIMAMURA, SATOSHI, JP	[72] BOLLINGER, STEPHEN A., US	[72] REEVES, JERRY L., US
[72] IMOTO, JUNICHI, JP	[72] CRUZ, EDWARD, US	[72] DAUGHERTY, MICHAEL E., US
[72] TAKAHASHI, MOTOMASA, JP	[72] WEIR, DAVID, US	[72] CANTU, LEROY, US
[72] WATANABE, KATSUYUKI, JP	[71] THE STORK IB2C, INC., US	[71] QUICK CONNECTORS, INC., US
[72] WADA, KENJI, JP	[85] 2015-01-30	[85] 2015-02-03
[72] FUJINO, YUUTA, JP	[86] 2013-03-15 (PCT/US2013/032233)	[86] 2013-06-27 (PCT/US2013/048240)
[72] MATSUMOTO, TAKUYA, JP	[87] (WO2014/025404)	[87] (WO2014/004860)
[72] TAKAHASHI, MAKOTO, JP	[30] US (61/681,430) 2012-08-09	[30] US (61/665,095) 2012-06-27
[72] OKADA, HIDEKI, JP		
[72] YAMANE, TAKEHIRO, JP		
[72] ITO, TAKAYUKI, JP		
[71] FUJIFILM CORPORATION, JP		
[85] 2015-02-03		
[86] 2013-08-13 (PCT/JP2013/071871)		
[87] (WO2014/027658)		
[30] JP (2012-179380) 2012-08-13		
[30] JP (2013-012693) 2013-01-25		
	[21] 2,880,797 [13] A1	[21] 2,880,801 [13] A1
	[51] Int.Cl. A01K 1/01 (2006.01)	[51] Int.Cl. B05B 7/04 (2006.01)
	[25] EN	[25] EN
	[54] SELF-PROPELLED ANIMAL-SHED VEHICLE FOR REMOVING MANURE AND AN ASSEMBLY OF SUCH AN ANIMAL-SHED VEHICLE AND AN ANIMAL-SHED FLOOR	[54] FOAM DISPENSING GUN
	[54] VEHICULE AUTOMOTEUR DE HANGAR POUR ANIMAUX DESTINE AU RETRAIT DU FUMIER ET ENSEMBLE D'UN TEL VEHICULE DE HANGAR POUR ANIMAUX ET D'UN PLANCHER DE HANGAR POUR ANIMAUX	[54] PISTOLET DE DISTRIBUTION DE MOUSSE
	[72] VAN ADRICHEM, PAULUS JACOBUS MARIA, NL	[72] GANTENBEIN, STEFAN, US
	[72] VAN DEN BERG, KAREL, NL	[72] FISHBACK, THOMAS, US
	[72] KOK, WILLEM DERREKE, NL	[72] JONAS, SARA, US
	[72] REGELINK, FRANK GERARD, NL	[72] CAFFOE, DOUGLAS, US
	[71] LELY PATENT N.V., NL	[72] MCQUAID, JOHN, US
	[85] 2015-02-03	[72] SHOEMAKER, TIMOTHY, US
	[86] 2013-09-09 (PCT/NL2013/050647)	[72] ARMES, KERRY, US
	[87] (WO2014/051421)	[72] MIEDZA, CHRISTOPHER, US
	[30] NL (2009526) 2012-09-27	[72] MIZER, SCOTT E., US
		[72] MILLIFF, BRIAN, US
		[72] MACZUZAK, MICHAEL J., US
		[71] FOMO PRODUCTS, INC., US
		[85] 2015-02-03
		[86] 2013-07-31 (PCT/US2013/052984)
		[87] (WO2014/022539)
		[30] US (61/679,240) 2012-08-03

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[21] **2,880,803**

[13] A1

[51] **Int.Cl. B65G 17/06 (2006.01)**

[25] EN

[54] **LINK MEMBER HAVING A
CURVED BEARING SURFACE**

[54] **ELEMENT DE LIAISON A
SURFACE D'APPUI INCURVEE**

[72] LASECKI, JONATHAN R., US

[72] NEELY, DARROLL JOSEPH, US

[71] ASHWORTH BROS., INC., US

[85] 2015-02-03

[86] 2013-08-14 (PCT/US2013/054832)

[87] (WO2014/028556)

[30] US (13/588,449) 2012-08-17

[21] **2,880,807**

[13] A1

[51] **Int.Cl. A61F 5/451 (2006.01)**

[25] EN

[54] **URINE COLLECTION SYSTEM,
APPARATUS AND METHOD**

[54] **SYSTEME, APPAREIL ET
PROCEDE DE COLLECTE
D'URINE**

[72] MOGHE, AJIT K., US

[72] ELLIOTT, CHELSEY, US

[72] PATEL, HARISH A., US

[71] COVIDIEN LP, US

[85] 2015-01-30

[86] 2013-07-29 (PCT/US2013/052468)

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<p style="text-align: center;">[21] 2,874,013 [13] A1</p> <p>[51] Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] IDENTIFYING AND/OR BLOCKING ADS SUCH AS DOCUMENT-SPECIFIC COMPETITIVE ADS</p> <p>[54] IDENTIFICATION ET BLOCAGE DE PUBLICITES TELLES QUE DES PUBLICITES COMPETITIVES A DOCUMENTS SPECIFIQUES</p> <p>[72] AXE, BRIAN, US</p> <p>[72] RANGANATH, RAMA, US</p> <p>[72] SHIVAKUMAR, NARAYANAN, US</p> <p>[71] GOOGLE, INC., US</p> <p>[22] 2004-08-24</p> <p>[41] 2005-03-24</p> <p>[62] 2,537,537</p> <p>[30] US (10/656,917) 2003-09-05</p>	<p style="text-align: center;">[21] 2,875,087 [13] A1</p> <p>[51] Int.Cl. A47K 5/12 (2006.01) B67D 7/60 (2010.01) B01F 3/04 (2006.01) B01F 5/12 (2006.01) F04B 9/14 (2006.01)</p> <p>[25] EN</p> <p>[54] ANGLED SLOT FOAM DISPENSER</p> <p>[54] DISTRIBUTEUR DE MOUSSE A FENTE INCLINEE</p> <p>[72] OPHARDT, HEINER, CH</p> <p>[72] JONES, ANDREW, CA</p> <p>[72] MCDONOUGH, PADRAIG, IE</p> <p>[72] SHI, ZHENCHUN (TONY), CA</p> <p>[71] OP-HYGIENE IP GMBH, CH</p> <p>[22] 2007-12-07</p> <p>[41] 2009-06-07</p> <p>[62] 2,613,785</p>	<p style="text-align: center;">[21] 2,875,430 [13] A1</p> <p>[51] Int.Cl. F41F 7/00 (2006.01) B64D 7/08 (2006.01) B64F 1/04 (2006.01) B64F 1/24 (2006.01) F41F 3/042 (2006.01) F41F 3/073 (2006.01)</p> <p>[25] EN</p> <p>[54] MECHANISM FOR RECEIVING ROCKET-TRANSPORTING DEVICES FOR A ROCKET LAUNCH SYSTEM</p> <p>[54] MECANISME SERVANT A RECEVOIR DES DISPOSITIFS DE TRANSPORT DE FUSEE POUR UN SYSTEME DE LANCEMENT DE FUSEE</p> <p>[72] CHIN, HOWARD M., JM</p> <p>[72] CARRAHA, KIMBERLY A., US</p> <p>[71] CHIN, HOWARD M., JM</p> <p>[71] CARRAHA, KIMBERLY A., US</p> <p>[22] 2011-02-10</p> <p>[41] 2011-08-18</p> <p>[62] 2,789,506</p> <p>[30] US (61/337,645) 2010-02-11</p>
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[21] **2,875,466**
[13] A1

[51] **Int.Cl. F41F 7/00 (2006.01) B64D 7/08 (2006.01) B64F 1/04 (2006.01) F41F 3/042 (2006.01) F41F 3/073 (2006.01) F42B 30/00 (2006.01)**

[25] EN
[54] **LIFT RING ASSEMBLY FOR A ROCKET LAUNCH SYSTEM**
[54] **ENSEMBLE ANNEAU DE LEVAGE POUR UN SYSTEME DE LANCEMENT DE FUSEE**

[72] CHIN, HOWARD M., JM
[72] CARRAHA, KIMBERLY A., US
[71] CHIN, HOWARD M., JM
[71] CARRAHA, KIMBERLY A., US
[22] 2011-02-10
[41] 2011-08-18
[62] 2,789,506
[30] US (61/337,645) 2010-02-11

[21] **2,875,475**
[13] A1

[51] **Int.Cl. F41F 7/00 (2006.01) B64D 7/08 (2006.01) B64F 1/04 (2006.01) F41F 3/042 (2006.01) F41F 3/073 (2006.01) F42B 30/00 (2006.01)**

[25] EN
[54] **CARRIAGE FOR TRANSPORTING A ROCKET IN A ROCKET LAUNCH SYSTEM**
[54] **CHARIOT POUR TRANSPORTER UNE FUSEE DANS UN SYSTEME DE LANCEMENT DE FUSEE**

[72] CHIN, HOWARD M., JM
[72] CARRAHA, KIMBERLY A., US
[71] CHIN, HOWARD M., JM
[71] CARRAHA, KIMBERLY A., US
[22] 2011-02-10
[41] 2011-08-18
[62] 2,789,506
[30] US (61/337,645) 2010-02-11

[21] **2,876,218**
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01) A61B 19/02 (2006.01)**

[25] EN
[54] **ROTARY UNITS, ROTARY MECHANISMS, AND RELATED APPLICATIONS**
[54] **ENSEMBLES TOURNANTS, MECANISMES TOURNANTS ET APPLICATIONS CONNEXES**

[72] SAPPENFIELD, CHRISTOPHER C., US
[71] SAPPENFIELD, CHRISTOPHER C., US
[22] 2011-04-14
[41] 2012-01-16
[62] 2,737,322
[30] US (61/365,290) 2010-07-16
[30] US (61/376,725) 2010-08-25

[21] **2,875,469**
[13] A1

[51] **Int.Cl. F41F 7/00 (2006.01) B64D 7/08 (2006.01) B64F 1/04 (2006.01) F41F 3/042 (2006.01) F41F 3/073 (2006.01) F42B 30/00 (2006.01)**

[25] EN
[54] **ROCKET TRANSPORTING SYSTEM FOR A ROCKET LAUNCH SYSTEM**
[54] **SYSTEME DE TRANSPORT DE FUSEE POUR UN SYSTEME DE LANCEMENT DE FUSEE**

[72] CHIN, HOWARD M., JM
[72] CARRAHA, KIMBERLY A., US
[71] CHIN, HOWARD M., JM
[71] CARRAHA, KIMBERLY A., US
[22] 2011-02-10
[41] 2011-08-18
[62] 2,789,506
[30] US (61/337,645) 2010-02-11

[21] **2,875,870**
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) E05B 17/22 (2006.01) F16P 3/08 (2006.01)**

[25] EN
[54] **A DOOR LOCK FOR A WIND POWER PLANT**
[54] **VERROUILLAGE DE PORTE D'EOLIENNE**

[72] GEIKEN, PETER, DE
[71] WOBEN PROPERTIES GMBH, DE
[22] 2011-11-02
[41] 2012-05-10
[62] 2,814,337
[30] DE (10 2010 043 436.1) 2010-11-04

[21] **2,876,634**
[13] A1

[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01) C12Q 1/02 (2006.01) C12N 5/0735 (2010.01)**

[25] EN
[54] **PREPRIMITIVE STREAK AND MESENDODERM CELLS**
[54] **CELLULES MESENDODERMiques ET CELLULES DE LIGNE PRE-PRIMITIVE**

[72] D'AMOUR, KEVIN ALLEN, US
[72] AGULNICK, ALAN D., US
[72] ELIAZER, SUSAN, US
[72] KROON, EVERT, US
[72] BAETGE, EMMANUEL E., US
[71] VIACYTE, INC., US
[22] 2005-07-08
[41] 2006-02-16
[62] 2,573,354
[30] US (60/586,566) 2004-07-09
[30] US (60/587,942) 2004-07-14
[30] US (11/021,618) 2004-12-23
[30] US (60/693,364) 2005-06-23

[21] **2,876,100**
[13] A1

[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/12 (2006.01) A47J 31/60 (2006.01)**

[25] EN
[54] **DEVICE FOR PREPARING INFUSED BEVERAGES**
[54] **DISPOSITIF DE PREPARATION DE BOISSONS INFUSEES**

[72] VAN BELLEGHEM, LUC, BE
[71] CENSE D'ALMEZ S.A., BE
[22] 2006-10-06
[41] 2007-04-19
[62] 2,624,932
[30] EP (05109368.0) 2005-10-07

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[21] **2,876,699**
[13] A1

[51] **Int.Cl. A41D 27/20 (2006.01)**
[25] EN
[54] **THREE-IN-TWO POCKET SYSTEM**
[54] **SYSTEME DE POCHEs TROIS EN DEUX**
[72] MAROIS, CAROLINE, US
[72] MCKINNEY, SUE, US
[71] DASHAMERICA, INC., US
[22] 2010-01-15
[41] 2010-07-22
[62] 2,749,987
[30] US (12/355,638) 2009-01-16
[30] US (61/154,257) 2009-02-20

[21] **2,876,838**
[13] A1

[51] **Int.Cl. B22D 7/00 (2006.01) C22C 19/05 (2006.01) C22F 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING LARGE DIAMETER INGOTS OF NICKEL BASE ALLOYS**
[54] **PROCEDE DE FABRICATION DE LINGOTS DE GRAND DIAMETRE EN ALLIAGES A BASE DE NICKEL**
[72] BOND, BETSY J., US
[72] JACKMAN, LAURENCE A., US
[72] BALLANTYNE, A. STEWART, US
[71] ATI PROPERTIES, INC., US
[22] 2002-02-25
[41] 2002-09-19
[62] 2,771,264
[30] US (09/802,064) 2001-03-08

[21] **2,876,864**
[13] A1

[51] **Int.Cl. C12N 15/54 (2006.01) C07K 14/39 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 9/10 (2006.01) C12P 19/00 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHODS FOR ELIMINATING MANNOSYLPHOSPHORYLATION OF GLYCANS IN THE PRODUCTION OF GLYCOPROTEINS**
[54] **PROCEDES DESTINES A SUPPRIMER LA MANNOSYLPHOSPHORYLATION DE GLYCANES DANS LA PRODUCTION DES GLYCOPROTEINES**
[72] BOBROWICZ, PIOTR, US
[72] STADHEIM, TERRANCE, US
[72] WILDT, STEFAN, US
[71] GLYCOFI, INC., US
[22] 2004-12-22
[41] 2005-07-21
[62] 2,551,484
[30] US (60/532,461) 2003-12-24

[21] **2,876,878**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/496 (2006.01) A61P 31/04 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **OXAZOLIDINONE ANTIBIOTICS**
[54] **ANTIBIOTIQUES A BASE D'OXAZOLIDINONE**
[72] BUR, DANIEL, CH
[72] HUBSCHWERLEN, CHRISTIAN, FR
[72] RUEEDI, GEORG, CH
[72] SURIVET, JEAN-PHILIPPE, FR
[72] ZUMBRUNN-ACKLIN, CORNELIA, CH
[71] ACTELION PHARMACEUTICALS LTD, CH
[22] 2008-04-11
[41] 2008-10-23
[62] 2,679,071
[30] IB (PCT/IB2007/051290) 2007-04-11
[30] IB (PCT/IB2007/054587) 2007-11-12
[30] IB (PCT/IB2007/054768) 2007-11-23

[21] **2,876,898**
[13] A1

[51] **Int.Cl. E06C 1/12 (2006.01)**
[25] EN
[54] **EXTENDABLE/RETRACTABLE LADDER**
[54] **ECHELLE EXTENSIBLE /RETRACTABLE**
[72] KIEFFER, MITCHELL I., US
[72] CALDWELL, ALLEN A., US
[72] SCHLUETER, NATHAN L., US
[72] DECKER, MATTHEW J., US
[71] CORE DISTRIBUTION, INC., US
[22] 2009-08-14
[41] 2010-02-25
[62] 2,796,359
[30] US (12/196,556) 2009-04-28

[21] **2,877,209**
[13] A1

[51] **Int.Cl. C12P 5/02 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **CHEMICAL AMENDMENTS FOR THE STIMULATION OF BIOGENIC GAS GENERATION IN DEPOSITS OF CARBONACEOUS MATERIAL**
[54] **AMENDEMENTS CHIMIQUES POUR STIMULER LA GENERATION DE GAZ BIOGENES DANS LES DEPOTS DE MATIERE CARBONEE**
[72] PFEIFFER, ROBERT S., US
[72] ULRICH, GLENN A., US
[72] FINKELSTEIN, MARK, US
[71] TRANSWORLD TECHNOLOGIES LIMITED, US
[22] 2007-04-03
[41] 2007-10-18
[62] 2,648,752
[30] US (11/399,099) 2006-04-05

[21] **2,877,370**
[13] A1

[51] **Int.Cl. B21D 22/14 (2006.01) B21D 41/04 (2006.01) B23D 21/00 (2006.01) B23D 21/04 (2006.01)**
[25] EN
[54] **VERICAL SPINNER**
[54] **FILIERE VERTICALE**
[72] MAYFIELD, DAVID, US
[72] KRENZ, JOSEPH HARRY, US
[72] AKUMALLA, KRISHNATHEJAN, US
[71] HESS INDUSTRIES, INC., US
[22] 2007-02-22
[41] 2007-09-07
[62] 2,642,660
[30] US (60/775654) 2006-02-22

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,877,641**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/04 (2006.01) A61F 2/08 (2006.01) A61F 2/48 (2006.01) A61F 2/82 (2013.01)**

[25] EN

[54] **DEVICE AND METHOD FOR MODIFYING THE SHAPE OF A BODY ORGAN**

[54] **DISPOSITIF ET PROCÉDE PERMETTANT DE MODIFIER LA FORME D'UN ORGANES CORPOREL**

[72] MATHIS, MARK L., US
[72] KOWALSKY, LEONARD, US
[72] REUTER, DAVID G., US
[72] BEESON, CRUZ, US
[72] NIEMINEN, GREGORY D., US
[72] BRAXTAN, RYAN H., US
[72] ARONSON, NATHAN, US
[72] BEGET, GARRETT R., US
[71] CARDIAC DIMENSIONS PTY. LTD., AU

[22] 2003-05-02
[41] 2003-11-20
[62] 2,744,868
[30] US (10/142,637) 2002-05-08
[30] US (10/331,143) 2002-12-26

[21] **2,877,731**
[13] A1

[51] **Int.Cl. A46B 15/00 (2006.01)**

[25] EN

[54] **INTERACTIVE TOOTHBRUSH AND REMOVEABLE AUDIO OUTPUT MODULE**

[54] **BROSSE A DENTS INTERACTIVE ET MODULE DE SORTIE AUDIO AMOVIBLE**

[72] GATZEMEYER, JOHN J., US
[72] JIMENEZ, EDUARDO J., US
[72] MOSKOVICH, ROBERT A., US
[72] WAGUESPACK, KENNETH, US
[72] KEMP, JAMES, US
[72] HOHLBEIN, DOUGLAS J., US
[72] HORCHOS, MARY, US
[72] MINTEL, THOMAS, US
[71] COLGATE-PALMOLIVE COMPANY, US

[22] 2008-05-07
[41] 2009-11-12
[62] 2,715,247

[21] **2,878,559**
[13] A1

[51] **Int.Cl. B29C 45/17 (2006.01) B29C 45/13 (2006.01) B29C 45/20 (2006.01) B29C 45/27 (2006.01) B29C 45/74 (2006.01)**

[25] EN

[54] **COINJECTION MOLDING APPARATUS AND RELATED HOT-RUNNER NOZZLE**

[54] **APPAREIL DE MOULAGE PAR CO-INJECTION ET BUSE D'INJECTION CHAUFFEE CONNEE**

[72] FAIRY, FABRICE, CA
[71] MOLD-MASTERS (2007) LIMITED, CA

[22] 2007-10-09
[41] 2008-04-13
[62] 2,606,358
[30] US (11/549,365) 2006-10-13

[21] **2,878,648**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) G01N 27/416 (2006.01) G01N 27/06 (2006.01)**

[25] EN

[54] **IMMUNOASSAY DEVICE WITH IMMUNO-REFERENCE ELECTRODE**

[54] **DISPOSITIF D'IMMUNO-ESSAI POSSEDANT UNE ELECTRODE DE REFERENCE IMMUNOLOGIQUE**

[72] MILLER, CARY JAMES, CA
[72] CAMPBELL, JOHN LEWIS EMERSON, CA
[71] ABBOTT POINT OF CARE INC., US

[22] 2004-09-09
[41] 2005-03-24
[62] 2,538,826
[30] US (10/658,529) 2003-09-10

[21] **2,878,968**
[13] A1

[51] **Int.Cl. B29C 70/20 (2006.01) B29C 71/00 (2006.01)**

[25] EN

[54] **METHOD OF LAYING UP PREPREG PLYS ON DEFORMABLE TOOLS USING A DEFORMABLE CARRIER FILM**

[54] **METHODE D'ASSEMBLAGE DE COUCHES PREIMPREGNEES SUR DES OUTILS MOULES A L'AIDE D'UN SUPPORT PELLICULAIRE DEFORMABLE**

[72] HAWKINS, ROBERT D., US
[72] WILLDEN, KURTIS S., US
[72] MODIN, ANDREW E., US
[72] DEPASE, EDOARDO, US
[72] GLAIN, MICHAEL, US
[72] MUSSI, BENJAMIN ADAM, US
[72] KISMARTON, MAX U., US
[71] THE BOEING COMPANY, US

[22] 2011-09-12
[41] 2012-05-12
[62] 2,751,948
[30] US (12/945,024) 2010-11-12

[21] **2,879,480**
[13] A1

[51] **Int.Cl. B60S 1/40 (2006.01)**

[25] EN

[54] **UNIVERSAL COUPLER FOR A BEAM BLADE WINDSHIELD WIPER ASSEMBLY**

[54] **COUPLEUR UNIVERSEL POUR UN ENSEMBLE ESSUIE-GLACE A BALAI A LAMES**

[72] AVASILOAIE, VALENTIN, US
[72] EHDE, DAN, US
[71] TRICO PRODUCTS CORPORATION, US

[22] 2011-09-14
[41] 2012-03-22
[62] 2,810,711
[30] US (61/383,124) 2010-09-15

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[21] **2,879,549**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DATA WAREHOUSING**
[54] **APPAREIL ET PROCÉDE POUR ENTREPOSAGE DE DONNÉES**
[72] BOYD, PAUL J., US
[72] DUNLAP, MARK E., US
[72] BELL, CHRISTOPHER R., US
[71] AMAZON TECHNOLOGIES, INC., US
[22] 2005-12-14
[41] 2006-06-22
[62] 2,594,568
[30] US (11/016,563) 2004-12-17

[21] **2,879,563**
[13] A1

[51] **Int.Cl. C11B 9/00 (2006.01) A61K 8/40 (2006.01)**
[25] EN
[54] **PERFUME SYSTEMS**
[54] **SYSTEMES DE PARFUM**
[72] SMETS, JOHAN, BE
[72] DENUTTE, HUGO ROBERT GERMAIN, BE
[72] PINTENS, AN, BE
[72] VAN AKEN, KOEN, BE
[72] VRIELYNCK, FREEK ANNIE CAMIEL, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2011-06-22
[41] 2011-12-29
[62] 2,799,582
[30] US (61/357,319) 2010-06-22

[21] **2,879,737**
[13] A1

[51] **Int.Cl. F16K 43/00 (2006.01) F15B 20/00 (2006.01)**
[25] EN
[54] **HYDRAULIC ISOLATING MANIFOLD**
[54] **COLLECTEUR A ISOLEMENT HYDRAULIQUE**
[72] NATILI, RICHARD P., JR., US
[72] SINKA, STEVEN P., US
[71] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[22] 2008-08-11
[41] 2009-02-10
[62] 2,638,610
[30] US (11/836,986) 2007-08-10

[21] **2,880,052**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0487 (2013.01) G06F 3/042 (2006.01)**
[25] EN
[54] **VIRTUAL CONTROLLER FOR VISUAL DISPLAYS**
[54] **DISPOSITIF DE COMMANDE VIRTUELLE D'AFFICHAGES VISUELS**
[72] WILSON, ANDREW D., US
[72] SINCLAIR, MICHAEL J., US
[71] MICROSOFT CORPORATION, US
[22] 2007-05-29
[41] 2008-02-14
[62] 2,654,744
[30] US (11/463,183) 2006-08-08

[21] **2,880,053**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0487 (2013.01) G06F 3/042 (2006.01)**
[25] EN
[54] **VIRTUAL CONTROLLER FOR VISUAL DISPLAYS**
[54] **DISPOSITIF DE COMMANDE VIRTUELLE D'AFFICHAGES VISUELS**
[72] WILSON, ANDREW D., US
[72] SINCLAIR, MICHAEL J., US
[71] MICROSOFT CORPORATION, US
[22] 2007-05-29
[41] 2008-02-14
[62] 2,654,744
[30] US (11/463,183) 2006-08-08

[21] **2,880,054**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0487 (2013.01) G06F 3/042 (2006.01)**
[25] EN
[54] **VIRTUAL CONTROLLER FOR VISUAL DISPLAYS**
[54] **DISPOSITIF DE COMMANDE VIRTUELLE D'AFFICHAGES VISUELS**
[72] WILSON, ANDREW D., US
[72] SINCLAIR, MICHAEL J., US
[71] MICROSOFT CORPORATION, US
[22] 2007-05-29
[41] 2008-02-14
[62] 2,654,744
[30] US (11/463,183) 2006-08-08

[21] **2,880,256**
[13] A1

[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/159 (2014.01) H04N 19/44 (2014.01) H04N 19/513 (2014.01) H04N 19/577 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING MOTION VECTOR**
[54] **PROCÉDE ET APPAREIL POUR ENCODER ET DECODER UN VECTEUR DE MOUVEMENT**
[72] LEE, TAMMY, KR
[72] HAN, WOO-JIN, KR
[72] MIN, JUNG-HYE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-01-14
[41] 2011-07-21
[62] 2,787,006
[30] KR (10-2010-0003554) 2010-01-14

[21] **2,880,368**
[13] A1

[51] **Int.Cl. F42D 1/045 (2006.01) E21B 43/1185 (2006.01) F42B 3/12 (2006.01) F42D 1/055 (2006.01) F42D 3/04 (2006.01)**
[25] EN
[54] **INTEGRATED DETONATORS FOR USE WITH EXPLOSIVE DEVICES**
[54] **DETONATEURS INTEGRES POUR ENGINES EXPLOSIFS**
[72] BROOKS, JAMES E., US
[72] LERCHE, NOLAN C., US
[72] VENERUSO, ANTHONY F., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2005-02-15
[41] 2005-08-19
[62] 2,497,099
[30] US (60/521,088) 2004-02-19
[30] US (10/711,809) 2004-10-06

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,880,406**

[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**

[25] EN

[54] **MONITORING SYSTEM FOR
DETERMINING AND
COMMUNICATING A COST OF
INSURANCE**

[54] **SYSTEME DE SURVEILLANCE
POUR DETERMINER ET
COMMUNIQUER LE COUT
D'ASSURANCE**

[72] BAUER, ALAN REX, US

[72] BURNS, KURTIS TAVIS, US

[72] ESPOSITO, MICHAEL VINCENT, US

[72] HUBER, DAVID CHARLES, JR., US

[72] O'MALLEY, PATRICK LAWRENCE,
US

[71] PROGRESSIVE CASUALTY
INSURANCE COMPANY, US

[22] 2005-01-20

[41] 2005-07-23

[62] 2,494,638

[30] US (10/764,076) 2004-01-23

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GEERLINGS, PETER MICHAEL	2,583,061	GREASON, KARI	2,808,672	HARTWELL, AARON	2,841,691
GEMMUS PHARMA INC	2,669,763	GREASON, KARI	2,808,739	HASSLER, WILLIAM L., JR.	2,580,915
GENENTECH, INC.	2,501,786	GREASON, KARI	2,808,816	HASTILOW, BRADFORD L.	2,656,854
GENERAL ELECTRIC		GREASON, KARI	2,808,850	HATHAWAY, PETER	2,664,319
COMPANY	2,568,407	GREEN SOURCE ENERGY LLC	2,699,764	HAWKINS, JAMES CHESTER	2,682,841
GENERAL ELECTRIC		GREEN, FREDERICK		HAYES, JOHN E.	2,756,579
COMPANY	2,588,497	RICHARD, III	2,595,274	HAYES, TIMOTHY KEITH	2,576,963
GENERAL ELECTRIC		GREENLEAF TECHNOLOGY		HAYWOOD, JAMES W.	2,672,900
COMPANY	2,602,311	CORPORATION	2,744,524	HCL FASTENERS LTD	2,694,346
GENERAL ELECTRIC		GREIVENKAMP, JR., JOHN		HE, WEI	2,635,842
COMPANY	2,606,369	EDWARD	2,672,900	HEDGES, BRADLEY R.	2,808,374
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GILBERT, BRENT	2,517,399	GUEGUEN, MATHIEU	2,640,219	HEINDL, DIETER	2,525,482
GILDAY, SCOTT R.	2,436,080	GUENTHER, GERHARD	2,657,139	HEINONEN, SARA	2,607,079
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GILLOT, LAURENT	2,625,090	GULATI, ANIL	2,691,950	HELLENBRAND, PETER J.	2,778,261
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GOLDSMITH, PAUL	2,651,136	HAENEL & CO.	2,702,526	HERAEUS MEDICAL GMBH	2,771,531
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WILLIAMS, L. DAVID	2,511,814	YOON, YOUNG CHEUL	2,623,187
WILLIAMS, ROGER PHILLIP	2,620,339	YOSHIDA, MINORU	2,682,164
WILLIBY, GREGORY A.	2,672,900	YOSHIHARA, SEIJI	2,801,169
WILSON, BROWN LYLE	2,780,664	YOSHINO KOGYOSHO CO., LTD.	2,609,442
WILSON, KELCE STEVEN	2,746,881	YOSHIOKA, YUUICHI	2,531,182
WILSON, STEPHEN F.	2,541,314	YOSHIZAKI, TAKAHITO	2,855,309
WIMMER, ECKHARD	2,697,301	YOUNG, SCOTT A.	2,612,431
WIMMER, ECKHARD	2,697,303	YOUNG, WARREN	2,540,844
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,710,977	YU, EVELYN	2,783,191
WISEMAN, MATTHEW WILLIAM	2,568,407	YU, JI-CHUL	2,778,367
WOLF, ERIC JOHN	2,707,020	YU, YI	2,726,981
WOLF, EUGENE	2,735,332	YU, YI	2,766,061
WOLF, RICHARD J.	2,517,399	YUAN MEI CORP.	2,683,416
WOLFE, JEFFREY M.	2,716,420	ZAKS, ALEX	2,436,080
WOLTERING, PETER	2,664,642	ZEIMIS, PETER PAUL, III	2,664,954
WOMACK, JAMES	2,726,981	ZESATI, JORGE GUILLERMO FRANCO	2,663,617
WOMACK, JAMES EARL	2,746,881	ZHANG, JUNLIANG	2,627,312
WON, CHIKYUNG	2,770,336	ZHAO, JONATHON Z.	2,572,257
WONG, KAREN K.	2,517,399	ZHAO, JONATHON Z.	2,572,262
WOODWARD, INC.	2,735,321	ZHAO, MING	2,701,302
WORLD LIGHTING SEMICONDUCTOR CO., LTD.	2,748,753	ZHEJIANG TOPSUN LOGISTIC CONTROL CO., LTD.	2,745,582
WRIGHT, DAWN	2,517,399	ZHEJIANG WANLONG MACHINERY CO., LTD.	2,780,551
WRIGHT, TERRY	2,693,519	ZHEN, SHIHUA	2,821,018
WU, MARGARET M.	2,718,879	ZHENG, XIN XIAO	2,541,006
WYMORE, MICHAEL ELLIOT	2,602,311	ZHONG, MIN	2,841,691
WYSOZKI, ROMAN	2,655,439	ZHU, CHEN	2,541,006
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XEROX CORPORATION	2,782,227	ZOLOTOV, VASILY	2,496,664
XEROX CORPORATION	2,782,306	ZTE CORPORATION	2,661,351
XU, DEQIN	2,821,018	ZUBOK, RAFAIL	2,790,069
XU, HUA	2,766,061	ZUMBRUNN-ACKLIN, CORNELIA	2,670,763
XUE, HAI	2,704,649	ZWEIFEL, THOMAS J.	2,725,024
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YAMAJI, TAKURO	2,766,041		
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YAMAMOTO, MASAHIKO	2,674,032		
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2369048 ONTARIO INC.	2,857,877	BLANKENSHIP, YUFEI WU	2,858,184	ELETTRONICHE	
9205-5300 QUEBEC INC.	2,823,140	BON, FLORENCE VALERIE	2,857,869	INDUSTRIALI	
A&A MANUFACTURING CO., INC.	2,858,516	BOOHER, HOWARD D.	2,858,487	AUTOMATISMI S.P.A.	
A. RICHARD TOOLS		BOUCHARD, RICHARD	2,853,959	C.E.I.A.	2,858,541
CO./OUTILS A. RICHARD CO.	2,822,631	BOYER, CLYDE H.	2,822,541	COVERT, LANCE	2,852,302
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AHNER, TODD D.	2,855,115	BROWN, MATTHEW	2,822,946	CHRISTOPHER J.	2,857,470
AKADEMIA GORNICZO- HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE	2,858,449	BRUNAZZI, ACHILLE	2,858,141	DEE, DEREK	2,822,770
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ALBELO, GILBERT	2,857,814	BUG ELIMINATION AND PREVENTION CORPORATION	2,822,735	DOLLASE, THILO	2,858,029
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ALBELO, GILBERT	2,857,840	BURR, MICHAEL S.	2,854,761	DOMZAL, JERZY	2,858,449
ALL, SHIROOK	2,858,047	BUSH, GARRY	2,822,927	DONATY, MICHAEL	2,858,174
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ARRIS ENTERPRISES, INC.	2,858,419	CAMEAU, JEROME ETIENNE ROBERT	2,857,869	EWALD DOERKEN AG	2,822,569
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AUSTIN, JENNIFER JENSEN	2,858,330	CARSWELL, DANE H.	2,855,665	FINKENAUER, MICHAEL	2,858,406
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BANERJEE, ABHIK	2,858,054	CHOI, KYUNG SIK	2,857,816	FORHAN, SCOTT	2,857,877
BARAKCHI FARD, MOHAMMAD JAVAD	2,822,563	CIARALLO, DOMENICO M.	2,822,985	FOWLER, GEOFF	2,822,762
BARTELL MACHINERY SYSTEMS, L.L.C.	2,858,498	CLAIRMONT, CURTIS G.	2,822,757	FRANCIS, BRIAN R.	2,822,563
BARTLETT, BRUCE K.	2,822,605	CLARK, GEOFFREY	2,822,946	FUCHS, EVELYN	2,858,406
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BAUGAARD, KEITH	2,867,964	CLIMACOOOL CORP.	2,857,788	GAGNON-MARTIN, DAVID	2,857,737
BEAUDOIN, NORMAND	2,823,351	CLOUDBURST RESEARCH INC.	2,822,946	GAMBLE, CHARLES	2,857,470
BEAUJOT, NORBERT	2,822,629	COMER INDUSTRIES S.P.A.	2,858,141	GAMBOA, JAMES DARRYL	2,853,847
BEIS, JEFFREY	2,822,946	CONFORMER PRODUCTS, INC.	2,822,692	GAO, SHIWEI	2,858,184
BERNARDI PIRINI, FERNANDINO	2,822,714	CONFORMER PRODUCTS, INC.	2,822,697	GARIN, FABRICE MARCEL NOEL	2,857,869
BERNARDI PIRINI, FERNANDINO	2,822,733	CORN PRODUCTS DEVELOPMENT, INC.	2,857,913	GATLEY, PAUL DAVID	2,858,498
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		AUTOMATISMI S.P.A.		GENERAL ELECTRIC COMPANY	2,858,054
		C.E.I.A.	2,858,508	GEVREY, JULIEN	2,857,782
				GILLMORE, JASON	2,858,337
				GONZALEZ, DANIEL	2,857,786
				GRACE, TODD S.	2,858,335

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GRIESSON - DE BEUKELAER GMBH & CO. KG	2,856,905	LIFFE ADMINISTRATION AND MANAGEMENT	2,857,912	PETERSEN, ANIKA	2,858,029
GUANG, LUO HUA	2,861,789	LOOS, KEVIN	2,858,568	PETERSEN, ANIKA	2,858,031
HALPERT, SCOTT A.	2,855,656	LOVERIN, MARC R.	2,836,647	PETZEN, JOHN ALEXANDER, III	2,858,054
HAMILTON, WILLIAM E. A.	2,822,762	LOWE, DAVID	2,822,946	PIACSEK, STEVEN	2,858,516
HANDY, PETER JAMES	2,857,710	LUCIA MENDOZA, LUIS ALFREDO	2,858,052	PIETROBON, JOHN	2,853,959
HARDY, PHILIPPE	2,823,140	LUNKWITZ, RALPH	2,858,406	PRATT & WHITNEY CANADA CORP.	2,851,876
HARINDRAN, NITHIANANTHAN	2,822,757	MABE, S.A. DE C.V.	2,858,052	PRATT & WHITNEY CANADA CORP.	2,853,959
HARRIS CORPORATION	2,856,686	MADEC, ALAIN PAUL	2,857,869	PRATT & WHITNEY CANADA CORP.	2,855,800
HARTRUM, DAVID C.	2,858,419	MADEIROS, JOSE A. DA C.	2,822,735	PRATT & WHITNEY CANADA CORP.	2,855,802
HAYDU, JOSEPH	2,858,220	MAGNABLEND, INC.	2,858,518	PRATT & WHITNEY CANADA CORP.	2,857,737
HERITAGE WOOD SPECIALTIES INC.	2,822,757	MAKOFSKY MCCONNELL, SARI	2,822,692	PRATT & WHITNEY CANADA CORP.	2,858,453
HERNANDEZ JIMENEZ, JUAN DANIEL	2,858,052	MAKOFSKY MCCONNELL, SARI	2,822,692	PROTECTOZZ, LLC	2,854,761
HOEFKER, JARUD	2,858,337	MAKOFSKY, MARVIN A.	2,822,692	PURINA ANIMAL NUTRITION LLC	2,822,677
HONDA MOTOR CO., LTD.	2,857,842	MAKOFSKY, MARVIN A.	2,822,692	QUAMINA, SAARAH ANTHONY	2,858,329
HONDA MOTOR CO., LTD.	2,858,181	MAKOFSKY, ROBERT	2,822,692	QUINN, THOMAS HARRY	2,858,330
HONDA MOTOR CO., LTD.	2,858,183	MAKOFSKY, ROBERT	2,822,692	R&D - RESEARCH & DEVELOPMENT S.R.L.	2,822,714
HONEYWELL INTERNATIONAL INC.	2,852,302	MANNESCHI, ALESSANDRO	2,858,508	R&D - RESEARCH & DEVELOPMENT S.R.L.	2,822,733
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HORLER, STEVEN J.	2,855,656	MARTIN, ALICIA	2,857,913	REESE, OLIVER	2,858,406
HORTON, MAURA M.	2,839,607	MARTIN, DAN	2,858,568	REIF, MARTIN	2,858,406
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HUBBELL INCORPORATED	2,858,017	MATSUZAWA, KOUHEI	2,858,183	ROFIN-SINAR	2,857,814
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ICAM RESEARCH CORPORATION	2,822,563	MATTHEWS, STEPHEN D.	2,822,278	ROFIN-SINAR TECHNOLOGIES INC.	2,857,840
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JABLONKA, MARCUS	2,822,569	MAYER, MICHAEL	2,858,031	ROSCHMANN, KONRAD	2,858,406
JAFFREDO, GREGOIRE	2,858,019	MCCALDON, KIAN	2,855,802	SARH, BRANKO	2,853,847
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ACTIVE TOOLS INTERNATIONAL (HK) LTD.	2,880,564	ALTERGON S.A.	2,880,012	ARCHER, NICOLAS	2,880,446
ACURA PHARMACEUTICALS, INC.	2,880,163	ALTIER, DANIEL J.	2,879,979	ARDELYX, INC.	2,880,338
ADAMS, MICHAEL DAVID	2,879,821	ALTUS INTERVENTION AS	2,880,453	ARDELYX, INC.	2,880,432
ADAMSON, ROBERT B. A.	2,880,652	ALVAREZ, TARA LYNN	2,880,227	AREN, SUSAN LUND	2,880,768
ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC.	2,880,267	ALVAREZ-VAZQUEZ, HECTOR	2,879,782	AREN, SUSAN LUND	2,880,774
ADELMAN, SHONAGH EVA	2,879,855	ALZCHEM AG	2,880,611	AREN, SUSAN LUND	2,880,776
ADKINS, BRUCE	2,879,961	AMACHEM AG	2,880,184	ARGEN-X BV	2,879,834
ADVANCEDCATH LLC	2,879,882	AMADEO, DESIREE	2,880,193	ARGUELLO, EDWARD D.	2,880,424
ADVANCED BARIATRIC TECHNOLOGY, LLC	2,880,155	AMADEO, DESIREE	2,880,266	ARKEMA FRANCE	2,879,791
AGASTI, VARUN REDDY	2,880,492	AMAZON TECHNOLOGIES, INC.	2,880,711	ARKEMA FRANCE	2,880,144
AGEEV, P. G.	2,880,100	AMAZON TECHNOLOGIES, INC.	2,880,711	ARMATO, STEVEN S.	2,880,266
AGFA-GEVAERT	2,880,032	AMAZON TECHNOLOGIES, INC.	2,880,711	ARMENTEROS, JESUS R.	2,880,155
AHOKAINEN, TAPIO	2,880,258	AMEDRIX GMBH	2,880,450	ARMES, KERRY	2,880,801
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AICHI STEEL CORPORATION	2,880,247	AMO GRONINGEN B.V.	2,877,213	ARPINO, DANIEL	2,880,230
AIR PRODUCTS AND CHEMICALS, INC.	2,880,441	AMORPHICAL LTD.	2,880,783	ARRIS ENTERPRISES, INC.	2,880,154
		AMRIL AG	2,879,863	ARUGA, HIROYASU	2,880,464
		AMRIL AG	2,879,925	ARYAN, RAM CHANDER	2,879,824
		AMS RESEARCH CORPORATION	2,879,820	ASED, LLC	2,880,496
		AMVAC CHEMICAL CORPORATION	2,880,024	ASHIDA, TARO	2,880,386
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VIJAYAMIRTHARAJ	2,879,895	BARO, MOHAN	2,880,229	BERNARD, DONALD CASIMIR	2,880,046
AVANASHIAPPAN,		BARONI, SERGIO	2,880,275	BERNARDEAU, MARION	2,880,485
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AVENU MEDICAL, INC.	2,880,253	BARRY, SCOTT	2,880,038	PANTOJA COUTINHO	2,880,183
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BAE SYSTEMS PLC	2,880,752	BASTARACHE, MURICE B.	2,879,980	BHISE, ONKAR	2,880,036
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CHEVRON ORONITE COMPANY LLC	2,880,585	CONOCOPHILIPS COMPANY	2,880,629	CUR, NIHAO O.	2,880,298
CHEVRON U.S.A. INC.	2,880,293	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	2,880,404	CURIC, ANDRIJA	2,880,317
CHEVRON U.S.A. INC.	2,880,507	CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A.	2,879,936	CURTIS, NICHOLAS J.	2,879,958
CHEVRON U.S.A. INC.	2,880,512	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	2,880,197	D'ASTOLFO, LEROY E.	2,880,637
CHIN, DONOVAN NOEL	2,880,273	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	2,880,235	DA CUNHA, WILFRID	2,880,537
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CHINA BANKNOTE PRINTING AND MINTING CORPORATION	2,880,574	COOK, JEFFREY A.	2,879,854	DAHMEN, PETER	2,880,671
CHINA BANKNOTE SICPA SECURITY INK CO., LTD.	2,879,844	COOK, STEVE	2,880,087	DAHMEN, STEFAN	2,880,775
CHINA BANKNOTE SICPA SECURITY INK CO., LTD.	2,880,574	COOPER-STANDARD AUTOMOTIVE, INC.	2,879,828	DAHMS, JASON	2,880,036
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CHO, JOONYOUNG	2,880,056			DALES, NATALIE	2,880,273

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DAVIES, TIMOTHY	2,880,446	SOLUTIONS, LTD.	2,880,301	DUBEY, ABHISHEK	2,880,711
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ANDRES	2,880,518	FAMILIENHOLDING		BIOSCIENCES APS	2,880,768
DE PAOLI AMBROSI,		GMBH	2,880,748	DUPONT NUTRITION	
GIANFRANCO	2,880,778	DOPPSTADT, JOHANN	2,880,748	BIOSCIENCES APS	2,880,774
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DECAMP, PAUL-HENRI	2,880,288	DOUGHERTY, BRIAN C.	2,880,084	E. I. DU PONT DE NEMOURS	
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DEFRONZO, RALPH A.	2,880,691	DOW AGROSCIENCES LLC	2,879,860	E. I. DU PONT DE NEMOURS	
DEGENHARDT, RORY	2,879,960	DOW AGROSCIENCES LLC	2,879,944	AND COMPANY	2,880,043
DEGEORGE, CHRISTOPHER P.	2,880,621	DOW AGROSCIENCES LLC	2,879,947	E. I. DU PONT DE NEMOURS	
DEGOTT, PIERRE	2,879,844	DOW AGROSCIENCES LLC	2,879,951	AND COMPANY	2,880,151
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DEL FAVERO, JURGEN	2,879,834	DOW AGROSCIENCES LLC	2,879,970	E. I. DUPONT DE NEMOURS &	
DELAMARRE, AMAURY	2,880,663	DOW AGROSCIENCES LLC	2,879,974	COMPANY	2,880,226
DELANGE, RICHARD W.	2,880,558	DOW AGROSCIENCES LLC	2,879,988	E2INTERACTIVE, INC. D/B/A	
DEMANGE, RAYNALD	2,879,844	DOW AGROSCIENCES LLC	2,880,088	E2INTERACTIVE, INC.	2,880,754
DEMARCHI, JACQUELINE	2,880,482	DOW AGROSCIENCES LLC	2,880,089	EATON CORPORATION	2,880,036
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DEMEULE, MICHEL	2,880,342	DOW GLOBAL		EATON ELECTRICAL IP	
DEMING, KATHERINE	2,880,620	TECHNOLOGIES LLC	2,879,804	GMBH & CO. KG	2,880,366
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FRITO-LAY NORTH AMERICA, INC.	2,880,047	GENTICEL	2,879,990	GOSELING, HUBERT	2,880,532
FRITO-LAY NORTH AMERICA, INC.	2,880,697	GENTICEL	2,879,999	GOSLING, GEOFF	2,880,301
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GALLOWAY, GREGORY GUY	2,880,558	GIULIANI S.P.A.	2,880,779	GRIEGO, ADRIAN	2,880,230
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KUSUBATA, MASASHI	2,880,009	LAST, STEFAAN JULIEN	2,880,699	LESCURE, MICHAEL	2,880,529
KUTSUWA, KOJI	2,880,384	LASZLO, ANDREW	2,880,274	LESLEY, KEVIN E.	2,880,702
KWON, SE CHANG	2,879,976	LAU, KEVIN HON LUEN	2,880,232	LEVEL 3 COMMUNICATIONS,	
KWON, SE CHANG	2,880,026	LAU, MAN KIT	2,880,726	LLC	2,880,725
KWON, SE CHANG	2,880,037	LAU, ROSALYN	2,880,768	LEVEL 3 COMMUNICATIONS,	
KYOTO UNIVERSITY	2,880,487	LAU, ROSALYN	2,880,774	LLC	2,880,732
L'AIR LIQUIDE SOCIETE		LAU, ROSALYN	2,880,776	LEVINE, BRUCE L.	2,878,856
ANONYME POUR		LAU, SHEK FAI	2,879,829	LEVINESS, STEPHEN CLAUDE	2,880,199
L'ETUDE ET		LAUFER, RALPH	2,880,121	LEVINS, CHRISTOPHER G.	2,877,476
L'EXPLOITATION DES		LAURET, AURELIE	2,880,537	LEVITATE TECHNOLOGIES,	
PROCEDES GEORGES		LAURSEN, BRIAN SOGAARD	2,880,768	INC.	2,880,561
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LAAS, HANS-JOSEF	2,879,922	LAURSEN, BRIAN SOGAARD	2,880,776	LEWIS AND CLARK	
LABEGORRE, BERNARD	2,880,132	LAUT, SOPHIE PIERRETTE	2,880,396	PHARMACEUTICALS,	
LABELLE, EDWARD V.	2,880,297	LAVALLARD, THIERRY	2,880,113	INC.	2,880,040
LABORATOIRES		LAW, MALCOLM	2,879,876	LEWIS, BRANDON	2,880,708
EXPANSCIENCE	2,880,250	LAZURE SCIENTIFIC, INC.	2,879,996	LEWIS, JASON	2,880,338
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LABORATORIOS		A.	2,880,147	LEWIS, MICHAEL	2,880,117
FARMACEUTICOS ROVI,		LE BOULICAUT, LOIC	2,879,924	LFB USA, INC.	2,879,763
S.A.	2,880,347	LE ROMANCER-CHERIFI,		LG ELECTRONICS INC.	2,880,254
LABOSSIÈRE, JOSEPH E.	2,880,307	MURIEL	2,880,105	LG ELECTRONICS INC.	2,880,504
LACHMANN, NADEGE	2,880,250	LE, TUAN	2,880,087	LI, BAOYAN	2,880,730
LACK, ADAM CYRIL	2,880,005	LEADBETTER, MICHAEL	2,880,338	LI, LIEQIANG	2,880,304
LACKNER, JOSEPH M.	2,880,683	LEADBETTER, MICHAEL	2,880,432	LI, LING	2,879,680
LADEWIG, BRADLEY	2,879,807	LEAVESLEY, SILAS	2,879,977	LI, XIANG	2,879,844
LAFLECHE, PATRICK	2,880,551	LEAVITT, PAUL J.	2,880,307	LI, XIANG	2,880,574
LAHTINEN, MARKKU	2,880,258	LECHNER, MATTHIAS		LI, YUANJIE	2,880,651
LAIB, DOUGLAS	2,880,467	ALEXANDER	2,880,764	LI, YUNGUANG	2,880,194
LAING O'ROURKE PLC	2,880,440	LECORDIX, JEAN-LOIC		LI, ZHONGSEN	2,880,151
LALA, DEEPAK S.	2,879,884	HERVE	2,880,146	LIANG, WEILING	2,880,324
LAMINATE MEDICAL		LEE, CHEONG LIM	2,879,913	LIAO, SHYHYUAN	2,880,142
TECHNOLOGIES LTD.	2,880,343	LEE, JEONGJIN	2,879,897	LICA, GEORGETA CAMI	2,880,321
LAMONTAGNE, MATHIEU	2,879,919	LEE, JINWON	2,880,254	LIDDELL, KEITH STUART	2,879,821
LAMPERT, EDWARD S.	2,880,492	LEE, JONG SOO	2,880,037	LIENHARD, STEFAN	2,879,811
LANCOIS, DAVID FRANCIS		LEE, KOK TIONG	2,880,058	LIFESCAN SCOTLAND	
ALAIN	2,880,262	LEE, MI KYOUNG	2,880,037	LIMITED	2,879,887
LANDABERIA RODRIGUEZ,		LEE, MICHELE	2,880,029	LIFESCAN, INC.	2,880,019
JOSE AITOR	2,879,936	LEE, MURRAY WILLIAM	2,880,224	LIFEZONE LIMITED	2,879,821
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CORPORATION	2,879,859	LEECH, RONALD L.	2,880,163	LIM, HYUNG KYU	2,879,976
LANDMARK GRAPHICS		LEGASTELOIS, ISABELLE	2,880,409	LIM, HYUNG KYU	2,880,026
CORPORATION	2,880,128	LEGATT, MICHELLE L.	2,880,761	LIM, HYUNG KYU	2,880,037
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LOCHBIHLER, HANS	2,879,832	LYNDON, RICHELLE	2,879,807	POLIMERICOS Y ELEMENTOS DE	
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LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC	2,880,184	MA, XUELI	2,880,657	MARCELLIER, GILLES	2,879,965
LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC	2,880,193	MA, YIMING	2,879,619	MARCOS, JOHN	2,880,230
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LU, RUYING	2,879,931	MALLE, JEAN-PIERRE	2,880,416	MATHARU, SAROOP	2,880,446
LUAN, WENPENG	2,880,502	MALLE, JEAN-PIERRE	2,880,418	MATHEW, RENU	2,880,046
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LUCAS, MATTHEW C.	2,880,326	MANDEL, DAVID	2,879,981	MATON, WILLIAM	2,880,299
LUDINOVSKIS, IGORS	2,879,813	MANDEL-BAUSCH, ELIZABETH M.	2,880,007	MATSUDA, DAISUKE	2,880,165
LUDWIG, HORST-MICHAEL	2,880,664	MANDOMETER AB	2,880,216	MATSUMOTO, TAKUYA	2,880,794
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LUFT, MICHAEL RUDOLPH	2,880,647	MANN, RICHARD	2,879,989	MATSUYAMA, HIROAKI	2,879,952
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		MINERVA BIOTECHNOLOGIES CORPORATION	2,880,010	MORITA, YOSHIKAZU	2,879,952
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MOSTE, CATHERINE	2,880,409	NARANJO, MAURICIO	2,880,678	NITZSCHKE, UWE	2,880,265
MOTOROLA MOBILITY LLC	2,879,901	NARASIMHA, MURALI	2,879,901	NIU, RUI	2,880,477
MOTOROLA SOLUTIONS, INC.	2,880,058	NATARAJAN, SHREEDHAR	2,880,676	NIU, XIPING	2,879,993
MOTOROLA SOLUTIONS, INC.	2,880,475	NATHAN, ARUNA	2,877,476	NIZI, EMANUELA	2,880,121
MOTTZA, DONALD A.	2,880,082	NATIONAL OILWELL VARCO,		NO SELF S.R.L.	2,880,411
MOTTE, MAGALI		L.P.	2,880,452	NOBLE, PETER	2,880,629
MADELEINE SIMONE	2,880,262	NATIONAL UNIVERSITY		NOKIA CORPORATION	2,880,503
MOYES, PETER	2,879,874	CORPORATION, TOKYO		NOKIA SOLUTIONS AND	
MSIKA, PHILIPPE	2,880,250	MEDICAL AND DENTAL		NETWORKS OY	2,879,902
MUELLER, BRIAN L.	2,880,166	UNIVERSITY	2,880,487	NOLAN, JAMES S.	2,880,434
MUKHERJEE, UJJAL K.	2,880,515	NATIONWIDE CHILDREN'S		NOLLES, ROBERT	2,879,864
MULLER, KEVIN	2,880,775	HOSPITAL	2,880,653	NONOMURA, YUJI	2,880,473
MULLER, ROLAND	2,879,984	NAUNHEIMER,		NONOUCHI, TAMOTSU	2,879,840
MULLNER, RALF	2,879,810	CHRISTOPHER	2,880,017	NOOR, NOMAN S.	2,880,082
MULTER, SCOTT H.	2,880,492	NB TECH INC.	2,880,263	NORDLUND, SEBASTIAN	2,879,934
MULVANEY, CLAUDIA M.	2,880,201	NEC CORPORATION	2,880,171	NORDLUND, SEBASTIAN	2,879,950
MUMBA, ANTHONY	2,880,355	NEELY, DARROLL JOSEPH	2,880,803	NORELL, ROBERT GLEN	2,880,111
MUMM, ERIK	2,880,220	NEGIZ, ANTOINE	2,880,075	NORRBY, SVERKER	2,877,213
MUMM, ERIK	2,880,622	NEGRETE HERRERA, NORMA		NORY, RAVIKIRAN	2,879,901
MUNJAL, LEENA	2,880,492	LIDIA	2,880,775	NOUAIL, GERARD	2,879,659
MUNK, CLAYTON L.	2,880,082	NESTE OIL OYJ	2,880,681	NOVARTIS AG	2,880,194
MURAKAMI, RYOSUKE	2,880,386	NESTEC S.A.	2,880,113	NOVARTIS AG	2,880,198
MURATA, SHIGEAKI	2,880,479	NESTEC S.A.	2,880,746	NOVARTIS AG	2,880,273
MURPHY, JOHN L.	2,880,020	NETSWEEPER (BARBADOS)		NOVARTIS AG	2,880,506
MURPHY, NIALL	2,880,107	INC.	2,880,632	NOVARTIS AG	2,880,790
MURRAY, CIARAN	2,880,016	NETWAVE	2,880,413	NOVAS ENERGY GROUP	
MURRAY, WILLIAM	2,879,905	NETWAVE	2,880,416	LIMITED	2,880,100
MUSC FOUNDATION FOR		NETWAVE	2,880,418	NOVITA THERAPEUTICS	2,880,279
RESEARCH		NEUKAM, CHRISTIAN	2,879,823	NOVOMATIC AG	2,880,317
DEVELOPMENT	2,880,297	NEVIN, DAVID P.	2,880,457	NOVOMATIC AG	2,880,318
MYERS, VERNE H.	2,880,298	NEW JERSEY INSTITUTE OF		NOVOMATIC AG	2,880,647
MYSZKA, RONALD T.	2,879,945	TECHNOLOGY	2,880,453	NOZAWA, IZUMI	2,879,827
NABATA, BOB	2,880,092	NGK SPARK PLUG CO., LTD.	2,880,149	NUDELMAN, JOSHUA B.	2,879,980
NAEVE, STEPHEN WARD	2,879,871	NGK SPARK PLUG CO., LTD.	2,880,153	NUNLEY, PIERCE DALTON	2,880,505
NAGAI, KEITA	2,880,178	NGUYEN, NHYANH DUYET	2,880,264	NUNN, ADAM	2,880,335
NAGASAWA, KOH	2,880,178	NGUYEN, PHILIP	2,879,953	NUNN, DAVID NEAL, JR.	2,879,680
NAGATANI, HIROYUKI	2,880,567	NICHOLAS, DOLLY	2,879,935	NUOVO PIGNONE SRL	2,880,462
NAGEL, FREDERIK	2,879,823	NICHOLSON, PAUL	2,879,854	NURMINEN, PAIVI HELENA	2,880,485
NAJEM, JOHNNY F	2,880,289	NICKERSON, WILLIAM	2,880,634	NUYTS, WALTER AGNES	
NAKAGAWA, NOBORU	2,880,383	NICO CORPORATION	2,880,084	LOUIS	2,880,042
NAKAJIMA, SHINGO	2,880,164	NICOLAES, GERRY	2,880,374	NV BEKAERT SA	2,880,609
NAKAMURA, HIROYUKI	2,879,827	NICOLINI, DEREK	2,880,143	O'BRIEN, GARY	2,880,273
NAKAMURA, KOHKI	2,879,957	NICOLINI, DEREK	2,880,148	O'CALLAGHAN, RYAN JAMES	2,879,882
NAKAMURA, KOUKI	2,880,794	NIELAND, CARSTEN	2,880,408	O'HARA, MICHAEL L.	2,880,760
NAKASHOJI, HIROSHI	2,879,774	NIETLISPACH, PHILIP	2,880,230	O'SULLIVAN, EDWARD	2,880,527
NAKASHOJI, HIROSHI	2,880,444	NIKOLIC, MARK IVAN	2,879,949	OASYS HEALTHCARE	
NAKATA, YUJI	2,880,176	NILSEN, NILS OLAV	2,880,422	CORPORATION	2,880,613
NAKAZAWA, YOSHIAKI	2,880,617	NIMALKER, AJIT	2,879,901	OBERT, RICHARD	2,879,893
NALCO COMPANY	2,880,190	NIPPI, INCORPORATED	2,880,009	ODA, SHUNYA	2,880,383
NAMBA, RYOICHI	2,880,479	NIPPON HOSO KYOKAI	2,879,650	OFFICER, MICHAEL JARED	2,880,725
NAMDARAN, AZITA N.	2,880,082	NIPPON PAPER INDUSTRIES		OGLE, JAMES W.	2,879,953
NANGIA, VIJAY	2,879,901	CO., LTD.	2,880,384	OGLESBY, OLIVER DAVID	2,879,886
NARA, SUSHEEL JETHANAND	2,880,523	NIPPON STEEL & SUMITOMO		OH, SEJIN	2,880,254
NARA, TAKAYUKI	2,879,948	METAL CORPORATION	2,879,808	OH, SEJIN	2,880,504
NARA, TAKAYUKI	2,879,952	NIPPON STEEL & SUMITOMO		OHIO STATE INNOVATION	
NARA, TAKAYUKI	2,879,959	METAL CORPORATION	2,880,414	FOUNDATION	2,880,653
NARA, TAKAYUKI	2,879,962	NIPPON STEEL & SUMITOMO		OHIRAKI, KENJI	2,880,789
NARA, TAKAYUKI	2,879,963	METAL CORPORATION	2,880,617	OHMACHI, AIKO	2,879,948

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OHMACHI, AIKO	2,879,959	PACE, PAOLA	2,880,121	PEREIRA, ANTONIO CLARETI	2,879,877
OHMACHI, AIKO	2,879,962	PACYLEX		PEREZ, GABRIEL	2,880,713
OHMACHI, AIKO	2,879,963	PHARMACEUTICALS		PEREZ-ORTEGA, CLAUDIA D.	2,880,226
OHMACHI, AIKO	2,879,992	INC.	2,880,762	PERFECT (CHINA) CO., LTD	2,880,309
OHMACHI, AIKO	2,879,995	PADILLA, FERNANDO	2,880,326	PERRARD, ALAIN	2,880,284
OHMACHI, AIKO	2,880,000	PAHLEVAN, NIEMA	2,880,248	PERREAULT, CLAUDE	2,880,331
OHMACHI, AIKO	2,880,003	PAINTER, GAVIN FRANK	2,880,191	PERRY, HOUSTON P.	2,880,166
OHMACHI, AIKO	2,880,004	PAINTER, ROBERT	2,880,225	PERRY, LAURA CLARE	
OHMACH CORPORATION	2,880,101	PALERMO, MICHAEL	2,880,482	ALEXANDRA	2,880,007
OHMX CORPORATION	2,880,104	PALMA, HENRY A.	2,880,736	PERRY, MICHAEL JOHN	2,880,629
OHNISHI, KEISUKE	2,879,956	PALMER, MICHAEL	2,880,198	PERUMAL, ASHOK	2,880,456
OI, TAKAHIRO	2,880,165	PAN, SENLIANG	2,880,523	PERVAN, DARKO	2,880,159
OIL LIFT TECHNOLOGY INC.	2,879,835	PANARISI, JOSEPH R., JR.	2,880,142	PETER, HARALD	2,880,513
OILES CORPORATION	2,880,383	PANASONIC INTELLECTUAL		PETERS, JOSEPH R.	2,880,298
OJI HOLDINGS		PROPERTY		PETRI, DANIEL	2,880,485
CORPORATION	2,880,567	MANAGEMENT CO., LTD.	2,880,176	PETROVIC, DEJAN	2,879,661
OKADA, HIDEKI	2,880,794	PANSIR, DONALD	2,879,849	PETROWELL LIMITED	2,879,880
OKADA, OSAMU	2,879,840	PARCQ, JULIEN	2,880,170	PETROWELL LIMITED	2,880,435
OKANO, FUMIYOSHI	2,879,304	PARINAZ AKHLAGHI,		PETROWELL LIMITED	2,880,437
OLDHAM, MICHAEL J.	2,880,221	SEYEDEH	2,880,555	PETTEYS, CHRISTINE M.	2,879,893
OLFACTOR LABORATORIES		PARISH, OVERTON (BUD)	2,880,631	PHARMA BIO LLC	2,879,943
INCORPORATED	2,880,459	PARK, BENJAMIN B.	2,879,972	PHILIP MORRIS PRODUCTS	
OLOGN TECHNOLOGIES AG	2,879,819	PARK, HYUN-SOO	2,880,252	S.A.	2,880,478
OLSON, BRIAN	2,880,230	PARK, JEREMY SCOTT	2,879,872	PHILIPPE, RICHARD	2,880,549
OMORI, NAOMICHI	2,879,298	PARKIN, JOHN	2,879,825	PHOTOCURE ASA	2,880,422
OMRIX		PARLOTTO, MICHAEL	2,880,754	PIAU, PASCAL	2,880,039
BIOPHARMACEUTICALS		PARRON, JEROME	2,880,688	PIBED LIMITED	2,880,606
LTD.	2,879,933	PAS, INC.	2,879,658	PIENEMANN, THOMAS	2,880,633
ONCO-NX LIMITED	2,880,021	PASCUAL, TERESITA		PIERRE FABRE DERMO-	
ONO, KEI	2,880,160	BAUTISTA	2,880,746	COSMETIQUE	2,878,633
ONO, KEI	2,880,186	PASKINS, KEITH EDWARD	2,879,886	PIETRELLA, DIEGO	2,880,773
ONOGI, HIROSHI	2,880,487	PATBERG, LOTHAR	2,880,071	PIIPPONEN, ANTTI	2,880,503
OOI, BENG GIAN	2,880,058	PATE, KEVIN DARRELL	2,880,073	PIISPA, EIIA	2,879,786
OOSTENDORP, MICHAEL	2,879,911	PATEL, ASHOK BAKUL	2,879,886	PINTO, JORGE	2,879,927
ORION, EYAL	2,880,343	PATEL, HARISH A.	2,880,807	PIOMELLI, DANIELE	2,880,436
ORLOVIC, MARIJA	2,880,180	PATON, ADRIAN	2,880,071	PIONEER HI-BRED	
ORTWINE, DANIEL FRED	2,880,232	PATTEN, PHILLIP A.	2,880,226	INTERNATIONAL, INC.	2,879,993
OSBURN, SCOTT H.	2,880,558	PATTON, DAMIEN GERARD	2,880,435	PIONEER HI-BRED	
OSHIMA, KATSUHITO	2,880,164	PATTON, DAMIEN GERARD	2,880,437	INTERNATIONAL, INC.	2,880,226
OSTAPOWICZ, ADAM	2,879,828	PATYN, LUK	2,880,766	PIPCHUK, DOUGLAS	2,880,638
OSTERMAN, BRANDI LYNN	2,880,182	PAUL, BISWADEEP	2,880,219	PIPER, JAMES WILLIAM	2,880,787
OTERO MARTINEZ, IRAN	2,879,661	PAUL, DHARAM	2,880,498	PLASTIKA KRITIS S.A.	2,880,770
OTOZAI, HOZUMI	2,879,774	PAUL, PATRICK J.	2,880,424	PLUMSTEAD, PETER	2,880,419
OTOZAI, HOZUMI	2,880,444	PAULUS, JOUNI	2,880,412	PLUSS, MARCEL	2,880,346
OTSUHATA, TAKANORI	2,880,384	PAUS, RALF	2,880,275	PLUSS, PETER	2,880,346
OTT, CHRISTOPHER		PAYLIAN, SERGEI	2,880,200	PODGORSKI, MICHAEL	2,880,147
MICHAEL	2,880,441	PAYNE, TOM	2,880,750	PODOLSKI, JOSEPH S.	2,880,388
OUELLETTE, BENOIT	2,880,715	PEARSON, SHAWN MICHAEL	2,880,540	POINDEXTER, MICHAEL K.	2,880,541
OUELLETTE, JOSEPH	2,880,544	PEDERSEN, MADDS BROGGER	2,880,774	POLLARD, BRIAN	2,880,131
OUTOTEC (FINLAND) OY	2,880,258	PEDERSEN, MADDS BROGGER	2,880,776	POLYPID LTD.	2,880,130
OWENS, JONATHAN M.	2,880,270	PEDRAZZI, MILTON E.	2,880,218	PONCE VELEZ, MARCO	
OWENS-BROCKWAY GLASS		PEEPLES, JON	2,880,187	ANTONIO	2,879,858
CONTAINER INC.	2,880,185	PEI, ZHONGHUA	2,880,232	PORENSKY, PAUL	2,880,653
OWENS-BROCKWAY GLASS		PEIFFER, DENNIS A.	2,880,025	PORPIGLIA, PETER J.	2,880,024
CONTAINER INC.	2,880,467	PELFREY, KEITH	2,879,714	PORTA, SANTIAGO GALVEZ	2,879,880
OXANE MATERIALS, INC.	2,880,426	PELLEGRINO, MICHAEL	2,880,470	PORTA, SANTIAGO GALVEZ	2,880,435
OYER, JEREMIAH	2,877,968	PELLENS, LINDA	2,880,042	PORTA, SANTIAGO GALVEZ	2,880,437
OYMAN, OZGUR	2,880,588	PENG, NOEL	2,879,889	POTSAID, BENJAMIN	
OYOLA, ARNOLD	2,880,621	PENTAIR WATER POOL AND		MICHAEL	2,880,034
PAAUWE, ARIE MAARTEN	2,879,968	SPA, INC.	2,880,668	POTSAID, MICHAEL	
PAAUWE, ARIE MAARTEN	2,879,969	PENTAIR WATER POOL AND		BENJAMIN	2,880,038
PAAUWE, ARIE MAARTEN	2,880,066	SPA, INC.	2,880,713	POULSEN, NIKOLAI	2,880,482
PAAUWE, ARIE MAARTEN	2,880,068	PEPPER, ROBERT F.	2,879,854	POWELL, MELVYN	2,880,112

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PRAEVIUM RESEARCH, INC.	2,880,034	RAYNER, GARY	2,880,434	RINBERG, GREGORY	2,880,700
PRAEVIUM RESEARCH, INC.	2,880,038	RAZ, DAN	2,880,693	RIOJA, ROBERTO J.	2,880,692
PRECISION PLANTING LLC	2,880,570	RAZ, DAN	2,880,700	RIPPER, JUSTIN	2,880,498
PRECISION SYSTEMS		REBOUILLAT, SERGE	2,880,431	RISTER, ERNEST LEE, JR.	2,879,930
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LTD	2,879,806	RECINE, LEONARD	2,880,631	RITTER, GEBHARD	2,879,844
PRENTICE, KRISTA M.	2,879,867	RECKITT BENCKISER N.V.	2,880,332	RITTER, GEBHARD	2,880,574
PRESAGE BIOSCIENCES, INC.	2,880,704	RECOMBINETICS, INC.	2,880,616	RITTER, PETRA	2,880,758
PRESIDENT AND FELLOWS		REDDY, DIVYA SHREE	2,880,714	RITZBERGER, CHRISTIAN	2,880,280
OF HARVARD COLLEGE	2,879,997	REDDY, RAKESH	2,880,668	RITZINGER, FLORIAN	2,879,782
PREUSCHEN, JUDITH	2,880,332	REDDY, RAKESH	2,880,713	RITZINGER, FLORIAN	2,880,611
PRICE, AMY	2,880,446	REDDY, VIJAY	2,877,968	RIVAS, VICTOR A.	2,880,490
PRIEN, JUSTIN LEIGH	2,880,539	REDHILL BIOPHARMA LTD.	2,880,282	ROACH, PERRY	2,880,632
PRYOR, DAVID A.	2,880,264	REECE, KRISTY S.	2,879,987	ROBBINS, CHARLES THOMAS	2,880,583
PTAK, KEITH R.	2,880,270	REECE, STEVEN Y.	2,880,184	ROBERT, MAEL	2,880,581
PURAC BIOCHEM B.V.	2,880,180	REECE, STEVEN Y.	2,880,193	ROBERTS, MARK JULIAN	2,880,441
PURKIS, DANIEL GEORGE	2,880,435	REEDER, PAUL	2,880,514	ROBERTSON, DONNA-MARIE	2,880,551
PURKIS, DANIEL GEORGE	2,880,437	REEDER, PAUL	2,880,521	ROBERTSON, STEVEN	2,879,772
PUTZER, MARKUS	2,879,793	REEMTSMA		ROBERTSSON, HARRY	2,879,873
QIAGEN GMBH	2,880,136	CIGARETTENFABRIKEN		ROBINSON, LUKE	
QIAN, JING	2,879,926	GMBH	2,880,633	NATHANIEL	2,879,994
QIAN, LINGFENG	2,880,194	REEVES, JERRY L.	2,880,800	RODGERS, BRADLEY	
QUAH, CHIN KAU MATTHEW	2,880,629	REFAELI, YOSEF	2,879,667	THOMAS	2,880,539
QUANCI, JOHN FRANCIS	2,880,539	REFRACTORY		RODNEY, PAUL F.	2,879,985
QUANTUM INNOVATIONS,		INTELLECTUAL		RODRIGUEZ, JOSE	2,880,128
INC.	2,879,971	PROPERTY GMBH & CO.		RODRIGUEZ, JOSE	2,880,240
QUARK PHARMACEUTICALS,		KG	2,880,470	ROGERS, SIMON MARK	2,880,376
INC.	2,880,290	REGELINK, FRANK GERARD	2,880,797	ROHWER, JAN	2,880,237
QUEEN'S UNIVERSITY AT		REGENTS OF THE		ROLL, MARK A.	2,879,878
KINGSTON	2,880,645	UNIVERSITY OF		ROLLINGS-SCATTERGOOD,	
QUERALES, MAIQUEL	2,880,240	MICHIGAN	2,878,946	SASHA	2,880,094
QUERALES, MAIQUEL		REIB, ROBERT N.	2,880,295	ROMANI, ANNALISA	2,880,755
MANUEL	2,880,128	REIB, ROBERT N.	2,880,587	ROMANSKY, MAX	2,879,835
QUICK CONNECTORS, INC.	2,880,800	REID, ANTHONY JOHN	2,880,787	ROMBOUTS, GEERT	2,880,699
QUINEBECHÉ, SEBASTIEN	2,880,144	REID, STEPHEN	2,879,880	ROMERO, LUIS	2,880,419
QUINLAN, MARY	2,880,566	REIDT, GEORG	2,880,366	RONCIN, JEAN-MICHEL	2,880,537
RABANDAN, RAUL	2,880,013	RELIANCE INDUSTRIES		RONCIN, JEAN-MICHEL	2,880,581
RABOISSON, PIERRE JEAN-		LIMITED	2,880,167	ROQUETTE FRERES	2,880,170
MARIE BERNARD	2,880,699	REN, HONGJI	2,875,671	ROQUETTE FRERES	2,880,284
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RADSPINNER, RACHEL	2,880,008	RENAISSANCE ENERGY		ROSSI, LARRY PAUL	2,880,349
RAJ MOHAN, VIVEK RAJA	2,880,628	RESEARCH		ROSTAMI, SHAMSEDIN	2,880,526
RAJAMANI, RAMKUMAR	2,880,523	CORPORATION	2,879,840	ROSTAN, PHILIPP JOHANNES	2,880,120
RAMACHANDRAN,		RENNINGER, DANIEL J.	2,880,048	ROTH, HANS ERIK	2,880,340
SIVANEHRU	2,880,131	REPROS THERAPEUTICS INC.	2,880,388	ROTH, HOWARD STEVEN	2,879,798
RAMASUBBU, GANAPATHY	2,880,355	RESEARCH TRIANGLE		ROTH, MATTHIAS	
RAMILLER, CHARLES L.	2,880,612	INSTITUTE	2,880,259	ALEXANDER	2,879,927
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RAMPF, MARKUS	2,880,280	RESPECT YOUR UNIVERSE,		ROUTHIER, NADIA	2,880,715
RAMSEY, MARK	2,880,002	INC.	2,880,169	RT HOLDINGS III WG (US), LP	2,880,315
RANBAXY LABORATORIES		RETTINGER, GUNTER	2,880,311	RUBBERATKINS LIMITED	2,879,895
LIMITED	2,879,824	REVELL, JAMES DUNCAN	2,880,686	RUBBERATKINS LIMITED	2,879,900
RANGANATHAN, SATISH		REYNOLDS, DAVID	2,879,893	RUBBERATKINS LIMITED	2,879,929
KUMAR	2,880,495	RHEINBERGER, VOLKER	2,880,280	RUGGIERO, ERIC JOHN	2,880,628
RANIN, CATHERINE	2,879,854	RHODES TECHNOLOGIES	2,880,027	RUGMINI, SREEKALA	2,880,199
RAO, SRINIVAS G.	2,879,879	RICE, ROBERT M.	2,879,934	RUPP, RONALD	2,880,742
RAO, SRINIVAS G.	2,879,986	RICE, ROBERT M.	2,879,950	RUPPENTHAL, ANDREA	2,879,793
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RASMUSSEN, RANDY P.	2,880,583	RICHARDS, SCOTT	2,880,058	RUSSELL, MARK	2,880,143
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RAUT, JANHAVI SANJAY	2,880,772	RIMIDI DIABETES, INC.	2,880,202	RUSSO, DOMENICO	2,880,299

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RUTHERFORD CONTROLS INT'L INC.	2,880,489	SAUVE, LUIGI	2,880,291	SEMENUK, MICHAEL	2,880,064
RUTHERFORD, SCOTT	2,879,835	SAVVAS, KONSTANTINOS	2,880,071	SENNINGER, MARK M.	2,880,298
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RYAN, JAMES	2,880,135	SAWYER, KENNETH	2,880,027	SENVION SE	2,880,673
RYCZEK, SCOTT PATRICK	2,880,516	SAYLIK, DILEK	2,879,805	SERIZAWA, ATSUSHI	2,879,948
SAFE WIRE HOLDINGS, LLC	2,880,505	SAYLOR, GARY	2,880,457	SERIZAWA, ATSUSHI	2,879,952
SAGRAM POWER UK LTD.	2,880,466	SCARPELLI, RITA	2,880,436	SERIZAWA, ATSUSHI	2,879,959
SAGEM DEFENSE SECURITE	2,877,390	SCHABEL, WILHELM	2,880,321	SERIZAWA, ATSUSHI	2,879,962
SAHA, UTTAM KUMAR	2,880,615	SCHAEFFER, LAURENT	2,880,498	SERIZAWA, ATSUSHI	2,879,963
SAIKI, TAKAHIDE	2,880,164	SCHAFFER, BIRGIT	2,880,745	SERIZAWA, ATSUSHI	2,879,992
SAINI, RAJESH KUMAR	2,879,953	SCHAIBLE, THOMAS	2,880,019	SERIZAWA, ATSUSHI	2,879,995
SAINT-GOBAIN PAM	2,879,659	SCHANTZ, CHRISTIAN	2,880,469	SERIZAWA, ATSUSHI	2,880,000
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SAKAIDA, SHINICHI	2,879,650	SCHEIDAT, HANS-JORG	2,880,238	SERIZAWA, ATSUSHI	2,880,004
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SASISEKHARAN, RAM	2,879,994	SCHOBER, BARTON J.	2,880,033	SHIM, DONG-JIN	2,879,954
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SATCHIVI, NORBERT M.	2,879,974	SCHUSTER, KILIAN	2,880,624	SHIRAIISHI, IKUO	2,879,989
SATCHIVI, NORBERT M.	2,879,988	SCHUYTEN, STEPHEN	2,879,961	SHIRASAKI, YOSHIHISA	2,880,165
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SATCHIVI, NORBERT M.	2,880,090	SCHWEF, THORSTEN	2,880,696	SHODAI, YOSHIO	2,880,530
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SMITH & NEPHEW PLC	2,880,148	STEGHAUS, ANNE	2,879,835	SUZUKI, HIDEO	2,879,774
SMITH INTERNATIONAL, INC.	2,879,905	STEHLE, JOHN SIEGFRIED	2,880,440	SUZUKI, HIDEO	2,880,444
SMITH, ALEXANDER BAXTER	2,880,790	STEHLI, CHARLES JR.	2,879,849	SUZUKI, SACHIE	2,880,473
SMITH, DANIEL R.	2,880,082	STEIGERWALD, ROBIN	2,879,915	SUZUKI, SATOSHI	2,880,009
SMITH, MERRILL BROOKS	2,880,754	STEIN, GREGORY	2,879,879	SWANSON, WILLIAM J.	2,880,307
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TIBERG, FREDRIK	2,879,942	UENO, HIROSHI	2,879,962	VAIDYA, ASHISH ANANT	2,880,772
TILLEY, JAMES	2,880,229	UENO, HIROSHI	2,879,963	VALASEK, MARK	2,880,285
TILLEY, SIMON NICHOLAS	2,880,562	UENO, HIROSHI	2,879,992	VALE S.A.	2,879,877
TISCHLER, BRIAN JOSEPH	2,880,025	UENO, HIROSHI	2,879,995	VALEO VISION	2,880,655
TODD, BRADLEY L.	2,879,953	UENO, HIROSHI	2,880,000	VALETTE, PATRICK	2,877,390
TODD, CARLY	2,880,276	UENO, HIROSHI	2,880,003	VALINGE FLOORING	
TOFE, ROBERT	2,880,157	UENO, HIROSHI	2,880,004	TECHNOLOGY AB	2,880,159
TOMASI, GIANPAOLO	2,880,780	UENO, MASAYUKI	2,879,295	VALLES, PEDRO	2,880,169
TOMIDA, TOSHIRO	2,880,617	UGUINA CARRION, LUIS	2,880,608	VALLOUREC OIL AND GAS	
TOMOVIC, ZELJKO	2,879,661	ULVAC KIKO, INC.	2,880,473	FRANCE	2,880,414
TONCELLI, DARIO	2,880,217	UNILEVER PLC	2,880,772	VAN ADRICHEM, PAULUS	
TORAY INDUSTRIES, INC.	2,879,304	UNILUX INC.	2,880,717	JACOBUS MARIA	2,880,797
TORAY INDUSTRIES, INC.	2,879,851	UNIVERSIDAD DE CHILE	2,879,839	VAN BOHEMEN, STEFANUS	
TORFS, RITA	2,880,032	UNIVERSIDAD DE SEVILLA	2,880,679	MATHEUS CORNELIS	2,880,063
TORNQUIST, FINN	2,879,978	UNIVERSITE CLAUDE		VAN DE PUTTE, TOM	2,880,724
TORRES NAVA, CLAUDIO	2,879,858	BERNARD LYON 1	2,880,105	VAN DEN BERG, KAREL	2,880,797
TOSHIBA MITSUBISHI-		UNIVERSITE CLAUDE		VAN DER MOOREN, MARRIE	
ELECTRIC INDUSTRIAL		BERNARD LYON 1	2,880,284	H.	2,877,213
SYSTEMS CORPORATION	2,879,956	UNIVERSITE DE MONTREAL	2,880,331	VAN DER VOORT	
TOUCHETTE, SHANE M.	2,880,610	UNIVERSITY COURT OF THE		MAARSCHALK, KEES	2,880,180
TOUDA, YOSHIHIKO	2,880,164	UNIVERSITY OF ST		VAN EIS, MAURICE	2,880,790
TOUSSAIN, JEAN-FRANCOIS	2,879,939	ANDREWS	2,879,825	VAN ENGELEN, GERARDUS	
TOWLER, GAVIN P.	2,880,017	UNIVERSITY HEALTH		PETRUS FRANCISCUS	
TOYO TANSO CO., LTD.	2,880,530	NETWORK	2,880,312	MARIA	2,879,864
TOYOSHIMA, KENICHI	2,880,160	UNIVERSITY HEALTH		VAN ENGELEN, GERARDUS	
TOYOSHIMA, KENICHI	2,880,186	NETWORK	2,880,639	PETRUS FRANCISCUS	
TOYOTA JIDOSHA		UNIVERSITY OF CENTRAL		MARIA	2,879,938
KABUSHIKI KAISHA	2,879,957	FLORIDA RESEARCH		VAN ENGELEN, GERARDUS	
TOYOTA JIDOSHA		FOUNDATION, INC.	2,877,968	PETRUS FRANCISCUS	
KABUSHIKI KAISHA	2,880,479	UNIVERSITY OF IOWA		MARIA	2,879,975
TRAN, ANTHONY	2,880,631	RESEARCH		VAN INGEN, GIJSBERT	
TRAN, CHI	2,880,058	FOUNDATION	2,879,908	ADRIAAN	2,879,864
TRAN, CHI T.	2,880,475	UNIVERSITY OF KWAZULU-		VAN INGEN, GIJSBERT	
TRAN, THU-VAN T.	2,880,048	NATAL	2,880,124	ADRIAAN	2,879,938
TREDAN, OLIVIER	2,880,105	UNIVERSITY OF LOUISVILLE		VAN INGEN, GIJSBERT	
TREEFROG DEVELOPMENTS,		RESEARCH		ADRIAAN	2,879,975
INC.	2,880,430	FOUNDATION, INC.	2,880,030	VAN LOYEN, DIETMAR	2,880,332
TREEFROG DEVELOPMENTS,		UNIVERSITY OF NORTH		VAN TELLINGEN, OLAF	2,880,236
INC.	2,880,434	TEXAS	2,880,620	VAN TUIJL, JAN HENDRIK	2,880,774
TREILLEUX, ISABELLE	2,880,105	UNIVERSITY OF SOUTH		VANDYCK, KOEN	2,880,699
TRIS PHARMA, INC.	2,880,456	ALABAMA	2,879,977	VANGUARD OIL TOOLS &	
TROPHOGEN INC.	2,880,520	UNIVERSITY OF		SERVICES LLC	2,879,708
TRUMMER, BERND	2,880,470	SOUTHAMPTON	2,879,888	VANHOUTTE, DIEDERIK	
TSAI, CHARNG-SHENG	2,880,701	UNIVERSITY OF TASMANIA	2,880,591	EMIEL OMER	2,880,042
TSO, J. YUN	2,879,814	UNIVERSITY OF UTAH		VARRIN, ROBERT D.	2,879,912
TSUDA, SATOSHI	2,880,384	RESEARCH		VASAVADA, PRANAV L.	2,880,475
TSURUSHITA, NAOYA	2,879,814	FOUNDATION	2,879,882	VASENKARI, PETRI	2,880,503
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TU, YU-HSING	2,880,456	WASHINGTON THROUGH		VECIANA MIRO, JAUME	2,880,404
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TUNHEIM, OLA	2,880,499	UOP LLC	2,880,017	VELOCYS, INC.	2,880,199
TUNHEIM, OLA	2,880,579	UOP LLC	2,880,075	VENABLE, JENNIFER DIANE	2,880,251
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GASTON	2,880,699	WANG, CYNTHIA	2,880,629	WILICHOWSKI, MATHIAS	2,880,509
VERTOUDAKIS,		WANG, FAN	2,880,657	WILK, DEBORA	2,880,276
KONSTANTINOS	2,880,770	WANG, FENG	2,880,586	WILLIAMS, MARK	2,880,085
VICTOR EQUIPMENT		WANG, GUOQUAN	2,880,040	WILLIAMS, ROGERS	2,880,046
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MANUEL	2,880,608	WANG, MIN	2,880,477	WILTZ, EUGENE P., JR.	2,879,930
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VILLAMIZAR, MIGUEL	2,880,240	WANG, WEIRU	2,879,844	WINDSHIP TECHNOLOGY	
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VISEKRUNA, DUSAN	2,880,111	WANG, YEN-SEINE	2,880,141	WINTER, FLORINA	2,879,964
VISHWARAMAN, MOHAN	2,880,439	WANG, YING	2,879,850	WINTERBOTTOM, NEIL	2,880,020
VISTAPRINT SCHWEIZ GMBH	2,880,230	WANG, ZIMING	2,879,917	WISSLING, MATTHIAS	2,880,510
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VOLCANO CORPORATION	2,880,747	WATTS, ANDREW J.	2,880,711	EDWARD	2,880,628
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VR1, INC.	2,880,035	WEBER, CHRISTIAN	2,880,374	WORKMAN, DAVE	2,880,389
VRUDHULA, VIVEKANANDA		WEBER, COLLIN J.	2,880,001	WRIGHT MEDICAL	
M.	2,880,523	WEBSTER, OLIVER	2,880,435	TECHNOLOGY, INC.	2,879,893
W. L. GORE & ASSOCIATES,		WEBSTER, OLIVER	2,880,437	WU, CHENGSHANG	2,880,665
INC.	2,880,760	WEDGEWORTH, FRANK	2,880,016	WU, CHENGSHANG	2,880,670
W.L. GORE & ASSOCIATES,		WEEBER, HENDRIK A.	2,877,213	WU, GUOSHENG	2,880,232
INC.	2,879,766	WEI, JUNHUI	2,880,194	WU, QIUYOU	2,880,584
W.L. GORE & ASSOCIATES,		WEI, YUQUAN	2,880,196	WU, WEI	2,879,917
INC.	2,879,800	WEIKEL, ARLIN L.	2,880,048	WU, YAN	2,880,271
W.L. GORE & ASSOCIATES,		WEIMER, MONTE R.	2,879,960	WU, YUANQI	2,879,844
INC.	2,879,800	WEIMER, MONTE R.	2,879,970	WUELLNER, TROND THOMAS	2,880,500
W.L. GORE & ASSOCIATES,		WEIMER, MONTE R.	2,880,088	WUJEK, STEVEN MICHAEL,	
INC.	2,880,008	WEINTRAUB, BRUCE D.	2,880,520	SR.	2,880,433
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YAMANAKA, AKIHIRO	2,880,473	ZHANG, JUN	2,879,917		
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YERKES, CARLA N.	2,879,951	ZHENG, YAJUN	2,879,884		
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BURNS, KURTIS TAVIS	2,880,406	KIEFFER, MITCHELL I.	2,876,898	STERTIL B.V.	2,875,383
CALDWELL, ALLEN A.	2,876,898	KISMARTON, MAX U.	2,878,968	SURIVET, JEAN-PHILIPPE	2,876,878
CAMPBELL, JOHN LEWIS		KOWALSKY, LEONARD	2,877,641	THE BOEING COMPANY	2,878,968
EMERSON	2,878,648	KRENZ, JOSEPH HARRY	2,877,370	THE PROCTER & GAMBLE	
CARDIAC DIMENSIONS PTY.		KROON, EVERT	2,876,634	COMPANY	2,879,563
LTD.	2,877,641	LEE, TAMMY	2,880,256	TRANSWORLD	
CARRAHA, KIMBERLY A.	2,875,430	LERCHE, NOLAN C.	2,880,368	TECHNOLOGIES LIMITED	2,877,209
CARRAHA, KIMBERLY A.	2,875,464	LUNDY, CHARLES E.	2,875,018	TRICO PRODUCTS	
CARRAHA, KIMBERLY A.	2,875,466	MAROIS, CAROLINE	2,876,699	CORPORATION	2,879,480
CARRAHA, KIMBERLY A.	2,875,469	MATHIS, MARK L.	2,877,641	ULRICH, GLENN A.	2,877,209
CARRAHA, KIMBERLY A.	2,875,475	MAYFIELD, DAVID	2,877,370	VAN AKEN, KOEN	2,879,563
CENSE D'ALMEZ S.A.	2,876,100	MCDONOUGH, PADRAIG	2,875,087	VAN BELLEGHEM, LUC	2,876,100
CHIN, HOWARD M.	2,875,430	MCKINNEY, SUE	2,876,699	VENERUSO, ANTHONY F.	2,880,368
CHIN, HOWARD M.	2,875,464	MICROSOFT CORPORATION	2,880,052	VIACYTE, INC.	2,876,634
CHIN, HOWARD M.	2,875,466	MICROSOFT CORPORATION	2,880,053	VRIELYNCK, FREEK ANNIE	
CHIN, HOWARD M.	2,875,469	MICROSOFT CORPORATION	2,880,054	CAMIEL	2,879,563
CHIN, HOWARD M.	2,875,475	MILLER, CARY JAMES	2,878,648	WAGUESPACK, KENNETH	2,877,731
COLGATE-PALMOLIVE		MIN, JUNG-HYE	2,880,256	WILDT, STEFAN	2,876,864
COMPANY	2,877,731	MINTEL, THOMAS	2,877,731	WILLDEN, KURTIS S.	2,878,968
CORE DISTRIBUTION, INC.	2,876,898	MODIN, ANDREW E.	2,878,968	WILSON, ANDREW D.	2,880,052
D'AMOUR, KEVIN ALLEN	2,876,634	MOLD-MASTERS (2007)		WILSON, ANDREW D.	2,880,053
DASHAMERICA, INC.	2,876,699	LIMITED	2,878,559	WILSON, ANDREW D.	2,880,054
DECKER, MATTHEW J.	2,876,898	MOSKOVICH, ROBERT A.	2,877,731	WOBBEN PROPERTIES GMBH	2,875,870
DENUTTE, HUGO ROBERT		MSD CONSUMER CARE, INC.	2,875,018	YANG, PHILIP C.	2,875,018
GERMAIN	2,879,563	MUSSI, BENJAMIN ADAM	2,878,968	ZUMBRUNN-ACKLIN,	
DEPASE, EDOARDO	2,878,968	NATILI, RICHARD P., JR.	2,879,737	CORNELIA	2,876,878
DUNLAP, MARK E.	2,879,549	NIEMINEN, GREGORY D.	2,877,641		
EHDE, DAN	2,879,480	O'MALLEY, PATRICK			
ELIAZER, SUSAN	2,876,634	LAWRENCE	2,880,406		
		OP-HYGIENE IP GMBH	2,875,087		