



Canadian
Intellectual Property
Office

An Agency of
Industry Canada

Office de la propriété
intellectuelle
du Canada

Un organisme
d'Industrie Canada

ISSN-1712-4034

The Patent

Office Record

La Gazette

du Bureau des brevets



Vol. 142 No. 52 December 30, 2014 Vol. 142 No. 52 le 30 décembre 2014

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:

None

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 :

Aucun

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

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$232

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

* International fees will be reduced by:

- \$116 for all applications filed using PCT-EASY,
- \$232 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$348 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

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).

4. Taxe pour paiement tardif

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

Examen préliminaire

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

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

* 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 (La requête étant en format à codage de caractères).
- 348 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégié étant en format à codage de caractères).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

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

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

Jours fériés provinciaux ou territoriaux

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

Avis

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

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

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

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

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

14. Practice Notice

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

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

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

Notices

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

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

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

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

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

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

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

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

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

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

Avis

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

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

15. Correspondence Procedures

May 8, 2012

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

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

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

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

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

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

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

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

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
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.

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

3. Electronic Correspondence

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

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

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

2. Service Courrier recommandé de Postes Canada

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

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

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'OPIIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la 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 demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

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

Notices

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

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

3.1 Facsimile

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

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

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

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

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

Patents

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

3.2 Online

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

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

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

3.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

3.2 En ligne

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

Avis

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);
- [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

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. The filing 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);
- [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

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 du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande 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 December 30, 2014 contains applications open to public inspection from December 14, 2014 to December 20, 2014.

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 30 décembre 2014 contient les demandes disponibles au public pour consultation pour la période du 14 décembre 2014 au 20 décembre 2014.

Canadian Patents Issued

December 30, 2014

Brevets canadiens délivrés

30 décembre 2014

[11] **2,326,491**
[13] C

[51] **Int.Cl. H04N 21/266 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR WEB-CASTING OVER DIGITAL BROADCAST TV NETWORK**
[54] **PROCEDE ET DISPOSITIF DE DIFFUSION WEB PAR UN RESEAU DE TELEVISION A DIFFUSION NUMERIQUE**
[72] CHEN, DAVID, US
[72] WEIDONG, MAO, US
[73] TVWORKS, LLC, US
[85] 2000-09-29
[86] 1999-03-31 (PCT/US1999/007146)
[87] (WO1999/051030)
[30] US (09/053,562) 1998-04-01

[11] **2,457,573**
[13] C

[51] **Int.Cl. G02C 7/04 (2006.01) G02C 7/06 (2006.01)**
[25] EN
[54] **OPHTHALMIC LENS HAVING AN OPTICAL ZONE BLEND DESIGN**
[54] **VERRES OPHTALMIQUES MUNIS D'UNE ZONE OPTIQUE DE TRANSITION**
[72] LINDACHER, JOSEPH MICHAEL, US
[73] NOVARTIS AG, CH
[86] (2457573)
[87] (2457573)
[22] 2004-02-09
[30] US (60/446,658) 2003-02-11

[11] **2,474,067**
[13] C

[51] **Int.Cl. H04L 1/20 (2006.01) H04H 60/29 (2009.01)**
[25] EN
[54] **A METHOD OF QUALITATIVELY EVALUATING A DIGITAL AUDIO SIGNAL**
[54] **METHODE D'EVALUATION QUALITATIVE D'UN SIGNAL AUDIO NUMERIQUE**
[72] JOLY, ALEXANDRE, FR
[73] TELEDIFFUSION DE FRANCE, FR
[85] 2004-07-22
[86] 2003-01-23 (PCT/FR2003/000222)
[87] (WO2003/063134)
[30] FR (02/00856) 2002-01-24

[11] **2,403,533**
[13] C

[51] **Int.Cl. A61B 17/22 (2006.01) A61K 31/255 (2006.01) A61K 33/20 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61M 25/09 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENHANCING FLUID FLOW THROUGH AN OBSTRUCTED VASCULAR SITE**
[54] **PROCEDES ET SYSTEMES DESTINES A AMELIORER LA CIRCULATION FLUIDIQUE AU TRAVERS D'UN SITE VASCULAIRE OBSTRUE**
[72] JOHANSSON, PETER K., US
[72] DELANEY, DAVID, US
[72] CONSTANTZ, BRENT, US
[72] HANKERMAYER, CHRISTINE, US
[73] CORAZON TECHNOLOGIES, INC., US
[85] 2002-09-17
[86] 2001-03-06 (PCT/US2001/007155)
[87] (WO2001/070320)
[30] US (09/528,576) 2000-03-20
[30] US (09/774,469) 2001-01-30

[11] **2,462,135**
[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04J 13/18 (2011.01)**
[25] EN
[54] **METHOD FOR TRANSFERRING AND/OR RECEIVING DATA IN COMMUNICATION SYSTEM AND APPARATUS THEREOF**
[54] **PROCEDE DE TRANSFERT ET/OU RECEPTION DE DONNEES DANS UN SYSTEME DE TELECOMMUNICATIONS ET APPAREIL ASSOCIE**
[72] LEE, YOUNG JO, KR
[72] YUN, YOUNG WOO, KR
[72] AN, JONG HOE, KR
[72] YOON, SUK HYON, KR
[72] YOU, CHEOL WOO, KR
[72] KIM, KI JUN, KR
[72] KIM, YOUNG CHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2004-03-26
[86] 2002-09-27 (PCT/KR2002/001822)
[87] (WO2003/030407)
[30] KR (2001/60962) 2001-09-29
[30] KR (2001/60963) 2001-09-29
[30] KR (2001/60964) 2001-09-29
[30] KR (2001/63248) 2001-10-13
[30] KR (2001/63261) 2001-10-13
[30] KR (2001/64014) 2001-10-17
[30] KR (2001/68403) 2001-11-03

**Canadian Patents Issued
December 30, 2014**

[11] **2,477,234**
[13] C

[51] **Int.Cl. C12N 15/45 (2006.01) A61K 39/155 (2006.01) A61P 31/14 (2006.01) C07K 14/11 (2006.01) C07K 14/115 (2006.01) C07K 14/135 (2006.01) C07K 16/10 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01) C12N 15/86 (2006.01) C12Q 1/00 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01) G01N 33/50 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **METAPNEUMOVIRUS STRAINS AND THEIR USE IN VACCINE FORMULATIONS AND AS VECTORS FOR EXPRESSION OF ANTIGENIC SEQUENCES**

[54] **SOUCHES DE METAPNEUMOVIRUS ET LEUR UTILISATION DANS DES PREPARATIONS VACCINALES ET COMME VECTEURS D'EXPRESSION DE SEQUENCES ANTIGENIQUES**

[72] HALLER, AURELIA, US
[72] TANG, RODERICK, US
[72] FOUCHIER, RONALDUS ADRIANUS MARIA, NL
[72] VAN DEN HOOGEN, BERNADETTA GERARDA, NL
[72] OSTERHAUS, ALBERTUS DOMINICUS MARCELLINUS ERASMUS, NL
[73] VIRONOVATIVE BV, NL
[73] MEDIMMUNE, LLC, US
[85] 2004-08-23
[86] 2003-02-21 (PCT/US2003/005271)
[87] (WO2003/072719)
[30] US (60/358,934) 2002-02-21

[11] **2,489,025**
[13] C

[51] **Int.Cl. G05B 13/04 (2006.01) D21G 9/00 (2006.01)**

[25] EN

[54] **DYNAMIC ON-LINE OPTIMIZATION OF PRODUCTION PROCESSES**

[54] **OPTIMISATION DYNAMIQUE EN LIGNE DE PROCESSUS DE PRODUCTION**

[72] PERSSON, ULF, SE
[72] LINDBERG, TOMAS, SE
[72] LEDUNG, LARS, SE
[72] SAHLIN, PER-OLOF, SE
[72] KAELLEN, LENNART, SE
[73] ABB AB, SE
[85] 2004-12-08
[86] 2003-06-12 (PCT/SE2003/000991)
[87] (WO2003/107103)
[30] SE (0201812-5) 2002-06-12

[11] **2,491,028**
[13] C

[51] **Int.Cl. G06K 5/02 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR CODING ARTICLES**

[54] **PROCEDE ET DISPOSITIF DE CODAGE D'ARTICLES**

[72] BREMOND, OLIVIER, CH
[72] TILLER, THOMAS, CH
[72] SETO, MYRON, CH
[73] SICPA HOLDING SA, CH
[85] 2004-12-23
[86] 2003-05-16 (PCT/EP2003/005149)
[87] (WO2004/006163)
[30] EP (02015186.6) 2002-07-08

[11] **2,497,620**
[13] C

[51] **Int.Cl. H04L 29/14 (2006.01) H04L 12/02 (2006.01)**

[25] EN

[54] **COMMUNICATIONS SYSTEM**

[54] **SYSTEME DE COMMUNICATION**

[72] CAVIGLIA, DIEGO, IT
[72] FIASCHI, GIOVANNI, IT
[72] LAZZERI, FRANCESCO, IT
[72] MOLINARI, MARIO, IT
[73] ERICSSON AB, SE
[85] 2005-03-02
[86] 2003-10-14 (PCT/IB2003/005516)
[87] (WO2004/036800)
[30] IT (MI2002A002170) 2002-10-14

[11] **2,499,961**
[13] C

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[25] EN

[54] **HIGH STRENGTH VACUUM DEPOSITED NITINOL ALLOY FILMS, MEDICAL THIN FILM GRAFT MATERIALS AND METHOD OF MAKING SAME**

[54] **FILMS DE L'ALLIAGE NITINOL FORMES PAR DEPOT SOUS VIDE ET DOTES D'UNE HAUTE RESISTANCE, MATERIAUX MEDICAUX POUR GREFFONS A FILM MINCE ET PROCEDE DE FABRICATION CORRESPONDANT**

[72] MARTON, DENES, US
[72] BOYLE, CHRISTOPHER T., US
[72] WISEMAN, ROGER W., US
[72] BANAS, CHRISTOPHER E., US
[73] ADVANCED BIO PROSTHETIC SURFACES, LTD., US
[85] 2005-03-23
[86] 2003-09-19 (PCT/US2003/029676)
[87] (WO2004/028340)
[30] US (60/414,209) 2002-09-26

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[54] **METHOD TO DETECT PROSTATE CANCER FROM A URINE SAMPLE**

[54] **PROCEDE DE DETECTION DE CANCER DE LA PROSTATE DANS UN ECHANTILLON**

[72] CHYPRE, CAMILLE, CA
[72] FRADET, YVES, CA
[72] GARON, GENEVIEVE, CA
[72] PICHE, LYSON, CA
[73] DIAGNOCURE INC., CA
[85] 2005-07-20
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- [25] EN
- [54] **RECORDING MEDIUM, REPRODUCTION APPARATUS, RECORDING METHOD, PROGRAM, AND REPRODUCTION METHOD**
- [54] **SUPPORT D'ENREGISTREMENT, DISPOSITIF DE REPRODUCTION, PROCEDE D'ENREGISTREMENT, PROGRAMME, ET PROCEDE DE REPRODUCTION**
- [72] YAHATA, HIROSHI, JP
[72] OKADA, TOMOYUKI, JP
[72] IKEDA, WATARU, JP
[72] MCCROSSAN, JOSEPH, JP
[73] PANASONIC CORPORATION, JP
[85] 2005-08-09
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- [25] EN
- [54] **DUAL POWER SUPPLY SWITCHING CIRCUITRY FOR USE IN A CLOSED SYSTEM**
- [54] **CIRCUIT DE COMMUTATION DE DEUX BLOCS D'ALIMENTATION POUR UTILISATION EN CIRCUIT FERME**
- [72] GINGGEN, ALEC, CH
[72] CRIVELLI, ROCCO, CH
[73] CODMAN NEURO SCIENCES SARL, CH
[86] (2521408)
[87] (2521408)
[22] 2005-09-28
[30] US (10/995,678) 2004-09-30

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- [25] EN
- [54] **METHOD FOR PRODUCING A TITANIUM METALLIC COMPOSITION HAVING TITANIUM BORIDE PARTICLES DISPERSED THEREIN**
- [54] **METHODE DE PRODUCTION D'UN COMPOSE METALLIQUE DE TITANE CONTENANT DES PARTICULES DISPERSEES DE BORURE DE TITANE**
- [72] WOODFIELD, ANDREW PHILIP, US
[72] OTT, ERIC ALLEN, US
[72] SHAMBLIN, CLIFFORD EARL, US
[72] GIGLIOTTI, MICHAEL FRANCIS XAVIER, US
[72] UTAH, DAVID ALAN, US
[72] TURNER, ALAN GLEN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2525297)
[87] (2525297)
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[30] US (10/987,887) 2004-11-12

[11] **2,525,566**

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- [25] EN
- [54] **FAST FREQUENCY HOPPING WITH A CODE DIVISION MULTIPLEXED PILOT IN AN OFDMA SYSTEM**
- [54] **SAUT DE FREQUENCE RAPIDE AVEC PILOTE A MULTIPLEXAGE PAR DIVISION DE CODE DANS UN SYSTEME OFDMA**
- [72] AGRAWAL, AVNEESH, US
[72] TEAGUE, EDWARD HARRISON, US
[73] QUALCOMM INCORPORATED, US
[85] 2005-11-10
[86] 2004-05-07 (PCT/US2004/014453)
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[30] US (60/470,107) 2003-05-12
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- [25] EN
- [54] **GENERALIZED MULTIPLEXING NETWORK**
- [54] **BATTERIE ET DISPOSITIF DE DEMANDE D'AUTHENTIFICATION**
- [72] HIDALGO CARPINTERO, ISIDRO, ES
[72] PADILLA CRUZ, MANUEL JESUS, ES
[72] GARCIA LAMPEREZ, ALEJANDRO, ES
[72] SALAZAR PALMA, MAGDALENA, ES
[73] THALES, FR
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[87] (2526766)
[22] 2005-11-10
[30] EP (04292797.0) 2004-11-26

[11] **2,529,303**

[13] C

- [51] **Int.Cl. A47J 31/40 (2006.01)**
- [25] EN
- [54] **CAP EXTRACTION DEVICE**
- [54] **DISPOSITIF POUR L'EXTRACTION D'UNE CAPSULE**
- [72] RYSER, ANTOINE, CH
[72] BOUSSEMARY, CHRISTOPHE, FR
[72] DENISART, JEAN-LUC, CH
[72] CAHEN, ANTOINE, CH
[73] NESTEC S.A., CH
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[86] 2004-06-21 (PCT/EP2004/006672)
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[54] **FOOTWEAR AND INSOLE THEREFOR**
[54] **CHAUSSURE ET PREMIERE DE PROPRETE POUR CETTE DERNIERE**

[72] CANVIN, LORNE, CA
[73] CANVIN, LORNE, CA
[85] 2006-01-31
[86] 2004-08-03 (PCT/CA2004/001447)
[87] (WO2005/011542)
[30] CA (2436368) 2003-08-01

[11] **2,537,675**
[13] C

[51] **Int.Cl. A61M 16/20 (2006.01)**

[25] EN
[54] **PRESSURE RELIEF VALVE**
[54] **SOUPAPE DE SURPRESSION**

[72] VAN BEURDEN, JASON PETER, NZ
[72] ORTON, REGINALD JAMES MCKENZIE, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[86] (2537675)
[87] (2537675)
[22] 2006-02-27
[30] NZ (NZ538559) 2005-02-28

[11] **2,540,427**
[13] C

[51] **Int.Cl. B65D 1/42 (2006.01) B65D 1/02 (2006.01)**

[25] EN
[54] **BOTTLE WITH REINFORCED TOP PORTION**
[54] **BOUTEILLE AVEC PARTIE SUPERIEURE RENFORCEE**

[72] COLEY, RALPH T., JR., US
[72] SASAKI, MASAOKI, JP
[72] IIZUKA, TAKAO, JP
[73] OCEAN SPRAY CRANBERRIES, INC., US
[73] YOSHINO KOGYOSHO CO., LTD., JP
[86] (2540427)
[87] (2540427)
[22] 2006-03-20
[30] US (60/663,211) 2005-03-21

[11] **2,542,239**
[13] C

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C12N 15/13 (2006.01)**

[25] EN
[54] **MULTISPECIFIC DEIMMUNIZED CD3-BINDERS**
[54] **ELEMENT DE LIAISON AU CD3, DESIMMUNISE MULTISPECIFIQUE**

[72] HOFMEISTER, ROBERT, DE
[72] KOHLEISEN, BIRGIT, DE
[72] LENKKERI-SCHUETZ, ULLA, DE
[72] ITIN, CHRISTIAN, DE
[72] BAEUERLE, PATRICK, DE
[72] CARR, FRANCIS J., GB
[72] HAMILTON, ANITA A., GB
[72] WILLIAMS, STEPHEN, GB
[73] AMGEN RESEARCH (MUNICH) GMBH, DE
[85] 2006-04-10
[86] 2004-10-15 (PCT/EP2004/011646)
[87] (WO2005/040220)
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[11] **2,543,354**
[13] C

[51] **Int.Cl. H02K 3/00 (2006.01) H02K 3/28 (2006.01) H02K 29/00 (2006.01)**

[25] EN
[54] **MAGNETIC GEARING OF PERMANENT MAGNET BRUSHLESS MOTORS**
[54] **TRANSMISSION MAGNETIQUE DE MOTEURS A AIMANTS PERMANENTS SANS BALAIS**

[72] SHIRAZEE, NABEEL AHMED, GB
[72] CHOUDHARY, PRAVEEN, GB
[73] ELECTRONICA PRODUCTS LIMITED, GB
[85] 2006-04-20
[86] 2004-10-22 (PCT/GB2004/004512)
[87] (WO2005/043740)
[30] GB (0324785.5) 2003-10-24

[11] **2,547,289**
[13] C

[51] **Int.Cl. H05K 5/00 (2006.01) H05K 7/00 (2006.01)**

[25] FR
[54] **ELECTRONIC CARD DEVICE COMPRISING A BOX AND AN ELECTRONIC CARD DRAWER DESIGNED TO BE INSERTED IN THE BOX**
[54] **DISPOSITIF A CARTES ELECTRONIQUES COMPRENANT UN COFFRE ET UN TIROIR A CARTES ELECTRONIQUES PREVU POUR ETRE INSERE DANS LE COFFRE**

[72] RUQUE, CHRISTIAN, FR
[73] ALSTOM TRANSPORT SA, FR
[86] (2547289)
[87] (2547289)
[22] 2006-05-19
[30] FR (05 05785) 2005-06-07

[11] **2,551,295**
[13] C

[51] **Int.Cl. G08C 19/00 (2006.01) H04L 12/58 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS TO FACILITATE MESSAGE TRANSMISSION AND RECEPTION USING DIFFERENT TRANSMISSION CHARACTERISTICS**
[54] **METHODE ET APPAREIL SERVANT A FACILITER L'ENVOI ET LA RECEPTION DE MESSAGES UTILISANT DIFFERENTES CARACTERISTIQUES DE TRANSMISSION**

[72] FITZGIBBON, JAMES J., US
[72] LAIRD, EDWARD T., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2551295)
[87] (2551295)
[22] 2006-06-29
[30] US (11/172,525) 2005-06-30

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[11] **2,551,379**
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- [25] EN
- [54] **SIDE-FLEXING CONVEYOR MODULE WITH DETACHABLE ROLLER ASSEMBLY**
- [54] **MODULE TRANSPORTEUR A FLEXION LATERALE AVEC ROULEAUX DETACHABLES**
- [72] STEBNICKI, JAMES C., US
- [72] MITCHELL, ROBERT E., US
- [73] REXNORD INDUSTRIES, LLC, US
- [86] (2551379)
- [87] (2551379)
- [22] 2006-06-29
- [30] US (11/173,686) 2005-07-01

[11] **2,555,222**
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- [25] EN
- [54] **PROCESS OF PREPARING HYDROXY FUNCTIONAL VEGETABLE OILS**
- [54] **PRECEDE POUR LA PREPARATION D'HUILES VEGETALES A FONCTION HYDROXY**
- [72] CASPER, DAVID M., US
- [72] NEWBOLD, TREVOR, US
- [73] BIOBASED TECHNOLOGIES LLC, US
- [85] 2006-08-01
- [86] 2005-08-22 (PCT/US2005/029666)
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- [30] US (11/193,813) 2005-07-28

[11] **2,564,553**
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- [25] EN
- [54] **CORD SEAL FOR SWIMMING POOL AND SPA LIGHT NICHES**
- [54] **JOINT D'ETANCHEITE A CORDON POUR NICHES D'ECLAIRAGE DE PISCINE ET DE CUVE THERMALE**
- [72] ARMSTRONG, DANIEL A., US
- [72] TERAN, LOUIS F., US
- [73] PENTAIR WATER POOL AND SPA, INC., US
- [86] (2564553)
- [87] (2564553)
- [22] 2006-10-18
- [30] US (60/730,636) 2005-10-27

[11] **2,552,415**
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- [51] **Int.Cl. A42B 3/06 (2006.01)**
- [25] EN
- [54] **BODY PROTECTING DEVICE**
- [54] **DISPOSITIF DE PROTECTION CORPORELLE**
- [72] SAJIC, PETER, GB
- [73] LLOYD (SCOTLAND) LIMITED, GB
- [85] 2006-06-16
- [86] 2004-12-07 (PCT/GB2004/005149)
- [87] (WO2005/060778)
- [30] GB (0329612.6) 2003-12-20
- [30] GB (0409065.0) 2004-04-23

[11] **2,558,833**
[13] C

- [51] **Int.Cl. G06T 3/40 (2006.01) G09G 5/391 (2006.01)**
- [25] EN
- [54] **METHODS AND APPARATUS FOR NAVIGATING AN IMAGE**
- [54] **PROCEDES ET APPAREIL DE NAVIGATION D'UNE IMAGE**
- [72] AGUERA Y ARCAS, BLAISE, US
- [73] SEADRAGON SOFTWARE, INC., US
- [85] 2006-09-07
- [86] 2005-03-16 (PCT/US2005/008812)
- [87] (WO2005/089403)
- [30] US (60/553,803) 2004-03-17
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[11] **2,566,250**
[13] C

- [51] **Int.Cl. C10G 15/00 (2006.01) C10L 1/00 (2006.01)**
- [25] EN
- [54] **IMPROVED SEPARATION OF COMPLEX MIXTURES**
- [54] **SEPARATION AMELIOREE DE MELANGES COMPLEXES**
- [72] ZARE, RICHARD NEIL, US
- [73] PETROSPEAR CORPORATION, US
- [85] 2006-11-09
- [86] 2005-05-13 (PCT/US2005/017030)
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- [30] US (60/571,095) 2004-05-13

[11] **2,553,754**
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- [25] EN
- [54] **BIFOCAL CONTACT LENS**
- [54] **LENTILLE DE CONTACT BIFOCAL**
- [72] EVANS, SIMON RODNEY, AU
- [72] HO, ARTHUR, AU
- [72] BRENT, GEOFFREY PETER, AU
- [72] EHRMANN, KLAUS, AU
- [72] FALK, DARRIN MARK, AU
- [72] PERERA, SANDYA INDRANI, AU
- [72] TAN, JACQUELINE, AU
- [72] DU TOIT, RENEE, AU
- [73] VISION CRC LIMITED, AU
- [73] NOVARTIS AG, CH
- [85] 2006-07-18
- [86] 2005-01-28 (PCT/AU2005/000101)
- [87] (WO2005/073786)
- [30] AU (2004900398) 2004-01-29

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- [54] **STAPLE DRIVE ASSEMBLY**
- [54] **DISPOSITIF D'ENTRAINEMENT D'AGRAFES**
- [72] OLSON, LEE ANN, US
- [72] STEARNS, RALPH, US
- [73] TYCO HEALTHCARE GROUP LP, US
- [86] (2559659)
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[25] EN
[54] **METHOD AND COMMUNICATION APPARATUS FOR REPRODUCING A MOVING PICTURE, AND USE IN A VIDEOCONFERENCE SYSTEM**
[54] **APPAREIL DE COMMUNICATION ET METHODE POUR REPRODUIRE UNE IMAGE ANIMEE, ET UTILISATION DANS UN SYSTEME DE VIDEOCONFERENCE**
[72] LOMBA, VINCENT, FR
[72] DUFOSSE, STEPHANE, FR
[73] DRNC HOLDINGS, INC., US
[86] (2567667)
[87] (2567667)
[22] 2006-11-09

[11] **2,567,892**
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[25] FR
[54] **ANNULAR KNIFE EDGE INTENDED FOR A LABYRINTH SEAL, AND ITS FABRICATION PROCESS**
[54] **LECHETTE ANNULAIRE DESTINEE A UN LABYRINTHE D'ETANCHEITE, ET SON PROCEDE DE FABRICATION**
[72] MONS, CLAUDE, FR
[72] VIGNEAU, JOEL, FR
[73] SNECMA, FR
[86] (2567892)
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[30] FR (0511579) 2005-11-15

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[13] C

[51] **Int.Cl. H04M 3/533 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR RENDERING VOICE MAIL MESSAGES AMENABLE TO ELECTRONIC PROCESSING BY MAILBOX OWNERS**
[54] **PROCEDES ET SYSTEMES DE RENDU DE MESSAGES DE COURRIEL VOCAL ACHEMINABLES EN VUE D'UN TRAITEMENT ELECTRONIQUE PAR DES PROPRIETAIRES DE BOITE DE COURRIEL**
[72] CLARK, DAVID WILLIAM, CA
[72] CRAGO, WILLIAM, CA
[72] JOHNSTON, DAVID EDWARD, CA
[73] BCE INC., CA
[85] 2006-12-21
[86] 2005-09-30 (PCT/CA2005/001515)
[87] (WO2006/069431)
[30] US (60/638,390) 2004-12-27

[11] **2,571,981**
[13] C

[51] **Int.Cl. A61L 15/28 (2006.01) A61L 15/42 (2006.01)**
[25] EN
[54] **HAEMOSTATIC COMPOSITION COMPRISING HYALURONIC ACID**
[54] **COMPOSITION HEMOSTATIQUE COMPRENANT DE L'ACIDE HYALURONIQUE**
[72] MOLLER, LENE, DK
[72] DEVANTIER, KRISTINA, DK
[72] WULFF, TRINE, DK
[72] SABRA, MADDS CHRISTIAN, DK
[73] FERROSAN MEDICAL DEVICES A/S, DK
[85] 2006-12-22
[86] 2005-07-07 (PCT/DK2005/000475)
[87] (WO2006/005340)
[30] DK (PA 2004 01095) 2004-07-09

[11] **2,572,852**
[13] C

[51] **Int.Cl. F23R 3/10 (2006.01) F23D 11/36 (2006.01) F23R 3/28 (2006.01)**
[25] FR
[54] **MULTIMODE INJECTION APPARATUS FOR COMBUSTION CHAMBERS, NAMELY A TURBOJET ENGINE**
[54] **DISPOSITIF D'INJECTION MULTIMODE POUR CHAMBRE DE COMBUSTION, NOTAMMENT D'UN TURBOREACTEUR**
[72] HERNANDEZ, DIDIER HIPPOLYTE, FR
[72] NOEL, THOMAS OLIVIER MARIE, FR
[73] SNECMA, FR
[86] (2572852)
[87] (2572852)
[22] 2007-01-04
[30] FR (0650071) 2006-01-09

[11] **2,573,189**
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **ARTIFICIAL LIFT SYSTEM**
[54] **SYSTEME D'ASCENSION ARTIFICIELLE**
[72] BULLEN, TERRY, CA
[73] BULLEN, TERRY, CA
[86] (2573189)
[87] (2573189)
[22] 2007-01-05

[11] **2,573,599**
[13] C

[51] **Int.Cl. G08B 29/26 (2006.01) G08B 17/10 (2006.01) G08B 17/12 (2006.01) G08B 31/00 (2006.01)**
[25] EN
[54] **FLAME DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE FLAMME**
[72] SHUBINSKY, GARY D., US
[72] BALIGA, SHANKAR, US
[72] HUSEYNOV, JAVID J., US
[72] BOGER, ZVI, IL
[73] GENERAL MONITORS, INCORPORATED, US
[85] 2007-01-11
[86] 2005-04-22 (PCT/US2005/013930)
[87] (WO2006/019436)
[30] US (10/894,570) 2004-07-20

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[13] C

[51] **Int.Cl. G06F 9/46 (2006.01) H04W 80/00 (2009.01) H04L 29/02 (2006.01)**
[25] EN
[54] **ALLOCATION OF THREADS TO USER OBJECTS IN A COMPUTER SYSTEM**
[54] **ALLOCATION DE FILS A DES OBJETS UTILISATEURS D'UN SYSTEME INFORMATIQUE**
[72] SINHA, ANAND, CA
[73] BLACKBERRY LIMITED, CA
[85] 2007-02-15
[86] 2005-09-30 (PCT/CA2005/001503)
[87] (WO2006/037212)
[30] US (60/615,972) 2004-10-04

[11] **2,578,116**
[13] C

[51] **Int.Cl. H05B 3/20 (2006.01) E01C 13/02 (2006.01)**
[25] FR
[54] **DEVICE FOR HEATING GROUNDS, IN PARTICULAR SPORTS GROUND**
[54] **DISPOSITIF DE CHAUFFAGE DE TERRAINS, NOTAMMENT DE SPORT**
[72] BEISSER, JEAN-CLAUDE, FR
[72] SCHERRER, JEAN-MARC, FR
[72] SCHERRER, JEAN-PAUL, FR
[73] BREVETIX, FR
[85] 2007-02-26
[86] 2005-08-24 (PCT/FR2005/002131)
[87] (WO2006/024797)
[30] FR (0409107) 2004-08-26

[11] **2,581,059**
[13] C

[51] **Int.Cl. B60P 7/04 (2006.01)**
[25] EN
[54] **TARP CONNECTOR SYSTEM AND METHOD OF USING SAME**
[54] **DISPOSITIF DE FIXATION DE BACHE ET METHODE D'UTILISATION CONNEXE**
[72] BESHIRI, ILIR, CA
[73] BESHIRI, ILIR, CA
[73] ROLL-TITE CORP., CA
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[87] (2581059)
[22] 2007-03-06

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[13] C

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[54] **COMPLEMENT NUTRITIONNEL ENTERIQUE**
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[72] MURAO, KANEHISA, JP
[73] MEIJI CO., LTD., JP
[85] 2007-03-23
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[87] (WO2006/041173)
[30] JP (2004-298139) 2004-10-12

[11] **2,582,034**
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[51] **Int.Cl. H01Q 1/22 (2006.01) H01Q 1/50 (2006.01) H01Q 9/24 (2006.01)**
[25] FR
[54] **NON-CONTACT LABEL WITH Y-SHAPED OMNIDIRECTIONAL ANTENNA**
[54] **ETIQUETTE SANS CONTACT A ANTENNE EN Y OMNIDIRECTIONNELLE**
[72] SABBABH, ELIAS, FR
[73] ASK S.A., FR
[85] 2007-03-27
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[30] FR (0410757) 2004-10-12

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[13] C

[51] **Int.Cl. H01L 35/28 (2006.01) D03D 27/04 (2006.01) H01L 35/04 (2006.01)**
[25] EN
[54] **THERMOELECTRIC STRUCTURE AND USE OF THE THERMOELECTRIC STRUCTURE TO FORM A TEXTILE STRUCTURE**
[54] **STRUCTURE THERMOELECTRIQUE ET SON UTILISATION DANS LA FORMATION D'UNE STRUCTURE TEXTILE**
[72] PLISSONNIER, MARC, FR
[72] SALVI, CHARLES, FR
[72] LANIER, THIERRY, FR
[72] COULAUX, DENIS, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[86] (2582897)
[87] (2582897)
[22] 2007-03-28
[30] FR (06 03292) 2006-04-13

[11] **2,583,092**
[13] C

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[25] EN
[54] **ANTIANGIOGENIC CALIXARENE-BASED PEPTIDE MIMETICS**
[54] **MIMETIQUES ANTIANGIOGENIQUES PEPTIDIQUES A BASE DE CALIXARENE**
[72] MAYO, KEVIN H., US
[72] HOYE, THOMAS R., US
[72] CHEN, XUEMEI, US
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2007-04-02
[86] 2005-10-04 (PCT/US2005/036128)
[87] (WO2006/042104)
[30] US (60/616,133) 2004-10-04

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[13] C

[51] **Int.Cl. A47J 31/40 (2006.01) B65D 81/00 (2006.01)**
[25] EN
[54] **CAPSULE WITH BIASING SEALING MEMBER**
[54] **CAPSULE POURVUE D'UN ELEMENT D'ETANCHEITE A DISTORSION**
[72] YOAKIM, ALFRED, CH
[72] GAVILLET, GILLES, CH
[72] DENISART, JEAN-PAUL, CH
[73] NESTEC S.A., CH
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[25] EN

[54] **TECHNIQUE FOR ADAPTIVE DE-BLOCKING OF BLOCK-BASED FILM GRAIN PATTERNS**

[54] **TECHNIQUE DE DEBLOCAGE ADAPTATIF DE MODELES DE GRAINS DE FILMS A BASE DE BLOCS**

[72] GOMILA, CRISTINA, US
[72] LLACH, JOAN, US
[72] COOPER, JEFFREY ALLEN, US
[73] THOMSON LICENSING, FR
[85] 2007-04-13
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[87] (WO2006/047138)
[30] US (60/620,702) 2004-10-21

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[25] EN

[54] **ELECTRICALLY HEATED CIGARETTE INCLUDING CONTROLLED-RELEASE FLAVORING**

[54] **CIGARETTE CHAUFFEE ELECTRIQUEMENT CONTENANT UN AROME A LIBERATION CONTROLEE**

[72] NEWMAN, DEBORAH J., US
[72] WOODSON, BEVERLY C., US
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2007-04-20
[86] 2005-11-02 (PCT/IB2005/003617)
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[30] US (10/979,103) 2004-11-02

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[13] C

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[25] EN

[54] **MAGNETIC CONTROL CIRCUIT SEPARATION SLIT**

[54] **SAIGNEE SEPARATRICE DE CIRCUITS DE COMMANDE MAGNETIQUE**

[72] DOOLEY, KEVIN ALLAN, CA
[72] BELL, JOSHUA D., CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2586328)
[87] (2586328)
[22] 2007-04-26
[30] US (11/419,238) 2006-05-19

[11] **2,586,350**
[13] C

[51] **Int.Cl. H04R 1/02 (2006.01) G06F 1/16 (2006.01) H04R 1/00 (2006.01)**

[25] EN

[54] **HANDHELD ELECTRONIC DEVICE HAVING HIDDEN SOUND OPENINGS OFFSET FROM AN AUDIO SOURCE**

[54] **DISPOSITIF ELECTRONIQUE PORTATIF AVEC ORIFICES DE SONORISATION DISSIMULES ET DEPORTES D'UNE SOURCE SONORE**

[72] RANTA, CRAIG E., CA
[72] HAWKER, LARRY, CA
[72] NOBELS, JONATHAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2586350)
[87] (2586350)
[22] 2007-04-25
[30] EP (06252266.9) 2006-04-27

[11] **2,587,118**
[13] C

[51] **Int.Cl. H04N 21/80 (2011.01) H04N 19/182 (2014.01) H04N 19/90 (2014.01)**

[25] EN

[54] **FILM GRAIN SEI MESSAGE INSERTION FOR BIT-ACCURATE SIMULATION IN A VIDEO SYSTEM**

[54] **INSERTION DE MESSAGE SEI (INFORMATION D'AMELIORATION COMPLEMENTAIRE) DE GRAIN DE FILM POUR SIMULATION PRECISE AU BIT DANS UN SYSTEME VIDEO**

[72] LLACH, JOAN, US
[72] GOMILA, CRISTINA, US
[72] COOPER, JEFFREY ALLEN, US
[72] BOYCE, JILL MACDONALD, US
[73] THOMSON LICENSING, FR
[85] 2007-05-04
[86] 2005-11-08 (PCT/US2005/040383)
[87] (WO2006/055333)
[30] US (60/628,477) 2004-11-16

[11] **2,587,131**
[13] C

[51] **Int.Cl. G06F 7/58 (2006.01)**

[25] EN

[54] **BIT-ACCURATE SEED INITIALIZATION FOR PSEUDO-RANDOM NUMBER GENERATORS USED IN A VIDEO SYSTEM**

[54] **DECLENCHEMENT DE GRAINE PRECISE EN BITS POUR GENERATEURS DE NOMBRES PSEUDO-ALEATOIRES UTILISES DANS UN SYSTEME VIDEO**

[72] GOMILA, CRISTINA, US
[72] LLACH, JOAN, US
[72] COOPER, JEFFREY ALLEN, US
[72] BOYCE, JILL MACDONALD, US
[73] THOMSON LICENSING, FR
[85] 2007-05-04
[86] 2005-11-14 (PCT/US2005/040970)
[87] (WO2006/055430)
[30] US (60/628,500) 2004-11-16

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[54] **BOITIER D'ACCESSOIRES DANS UN MOTEUR D'AVION TEL QU'UN TURBOREACTEUR**
[72] ABOUSLEIMAN, VINCENT, FR
[72] LINET, HUGUES, FR
[73] HISPANO SUIZA, FR
[86] (2588956)
[87] (2588956)
[22] 2007-05-17
[30] FR (06/04488) 2006-05-19

[11] **2,589,132**
[13] C

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[25] EN
[54] **SKREW ADJUSTMENT DEVICE FOR COVERINGS FOR ARCHITECTURAL OPENINGS**
[54] **DISPOSITIF DE REGLAGE CORRIGEANT L'ASYMETRIE DES STORES D'OUVERTURES ARCHITECTURALES**
[72] HOFFMANN, BRIAN M., US
[72] MILLER, JAMES L., US
[72] SMITH, STEPHEN P., US
[73] HUNTER DOUGLAS INC., US
[86] (2589132)
[87] (2589132)
[22] 2007-05-18
[30] US (60/747,957) 2006-05-23
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[11] **2,590,529**
[13] C

[51] **Int.Cl. A01K 39/01 (2006.01)**
[25] EN
[54] **COMPRESSION SPRING OPERATED SQUIRREL PROOF BIRD FEEDER**
[54] **MANGEOIRE A OISEAUX EQUIPEE D'UN GARDE-ECUREUILS A RESSORT DE COMPRESSION**
[72] RICH, CHRISTOPHER T., US
[72] CRUZ, ROBERT T., US
[72] HOLLIDAY, EDWARD J., US
[73] WOODSTREAM CORPORATION, US
[86] (2590529)
[87] (2590529)
[22] 2007-05-30
[30] US (11/593,038) 2006-11-06

[11] **2,591,051**
[13] C

[51] **Int.Cl. B41M 3/14 (2006.01) B41M 5/50 (2006.01)**
[25] EN
[54] **SIGNING FILM**
[54] **FILM A SIGNATURE**
[72] NENDEL, UWE, DE
[73] LEONHARD KURZ GMBH & CO. KG, DE
[86] (2591051)
[87] (2591051)
[22] 2007-06-08
[30] DE (102006030989.8) 2006-07-05

[11] **2,594,370**
[13] C

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[25] EN
[54] **DIAGNOSTIC DEVICES INCORPORATING FLUIDICS AND METHODS OF MANUFACTURE**
[54] **DISPOSITIFS DE DIAGNOSTIC INTEGRANT DES ELEMENTS FLUIDIQUES ET PROCEDES DE FABRICATION**
[72] LAUKS, IMANTS, CA
[72] MACZUSZENKO, ANDRZEJ, CA
[73] EPOCAL INC., CA
[85] 2007-07-06
[86] 2005-06-01 (PCT/CA2005/000843)
[87] (WO2005/119200)
[30] US (10/856,782) 2004-06-01

[11] **2,594,433**
[13] C

[51] **Int.Cl. A61K 31/496 (2006.01) A61P 3/00 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 13/12 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING THE 2S,4R KETOCONAZOLE ENANTIOMER FOR TREATING DIABETES, METABOLIC SYNDROME AND OTHER CONDITIONS**
[54] **COMPOSITIONS CONSTITUEES D'ENANTIOMERE DE KETOCONAZOLE 2S, 4R POUR LE TRAITEMENT DU DIABETE, DU SYNDROME METABOLIQUE ET D'AUTRES PROBLEMES**
[72] MARIN, PER, SE
[73] CORTENDO AB (PUBL), SE
[85] 2007-07-09
[86] 2006-01-10 (PCT/IB2006/000026)
[87] (WO2006/072881)
[30] US (60/643,055) 2005-01-10

[11] **2,594,575**
[13] C

[51] **Int.Cl. B65G 13/12 (2006.01) B64F 1/32 (2006.01)**
[25] EN
[54] **CONVEYOR GUARD**
[54] **GARDE DE TRANSPORTEUR**
[72] VESTERGAARD, MARTIN, DK
[73] VESTERGAARD, MARTIN, DK
[85] 2007-07-11
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[87] (WO2006/074659)
[30] DK (PA200500044) 2005-01-11

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[51] **Int.Cl. C12N 15/11 (2006.01) A61K 48/00 (2006.01) C07K 14/705 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS TO INHIBIT P2X7 RECEPTOR EXPRESSION**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'INHIBER L'EXPRESSION DU RECEPTEUR P2X7**
[72] JIMENEZ, ANA I., ES
[72] SESTO, ANGELA, ES
[72] ROMAN, JOSE P., ES
[72] GASCON, IRENE, ES
[72] GONZALEZ DE BUITRAGO, GONZALO, ES
[72] JIMENEZ, MARIA CONCEPCION, ES
[73] SYLENTIS S.A.U., ES
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[30] GB (0504057.1) 2005-02-28

[11] **2,594,829**
[13] C

[51] **Int.Cl. G21G 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF RADIOISOTOPE PREPARATIONS AND THEIR USE IN LIFE SCIENCE, RESEARCH, MEDICAL APPLICATION AND INDUSTRY**
[54] **PROCEDE DE FABRICATION DE PREPARATIONS DE RADIO-ISOTOPES ET LEUR UTILISATION DANS LES SCIENCES DE LA VIE, LA RECHERCHE, LES APPLICATIONS MEDICALES ET L'INDUSTRIE**
[72] RAVN, HELGE LEIF, CH
[72] BEYER, GERD JUERGEN, FR
[72] KOESTER, ULLI, CH
[72] LETTRY, JACQUES, CH
[72] CATHERALL, RICHARD, CH
[72] HOHN, ALEXANDER, CH
[72] NEUHAUSEN, JOERG, CH
[72] ZANINI, LUCA, CH
[72] TUERLER, ANDREAS, DE
[73] EUROPEAN ORGANISATION FOR NUCLEAR RESEARCH-CERN, CH
[73] PAUL SCHERRER INSTITUT, CH
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[30] US (60/644,182) 2005-01-14

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[51] **Int.Cl. F42B 8/00 (2006.01)**
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[54] **NON-LETHAL MARKING BULLET FOR RELATED TRAINING CARTRIDGES**
[54] **BALLE MARQUANTE NON LETALE POUR CARTOUCHES D'ENTRAINEMENT ASSOCIEES**
[72] HUFFMAN, RICK, US
[73] PDT TECH, LLC, US
[85] 2007-07-13
[86] 2005-01-21 (PCT/US2005/001919)
[87] (WO2005/119165)
[30] US (60/539,022) 2004-01-22
[30] US (10/846,883) 2004-05-14

[11] **2,595,002**
[13] C

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[54] **MILL LINER ASSEMBLY**
[54] **ASSEMBLAGE DE DOUBLURE DE MOULIN**
[72] ABARCA MELO, RICARDO, CL
[72] FERNANDEZ DABERTI, RICARDO, CL
[73] VULCO S.A., CL
[85] 2007-07-16
[86] 2006-01-16 (PCT/AU2006/000049)
[87] (WO2006/076764)
[30] CL (0102-2005) 2005-01-18

[11] **2,595,235**
[13] C

[51] **Int.Cl. C12P 7/64 (2006.01)**
[25] EN
[54] **PRODUCTION AND USE OF MONOGLYCERIDES**
[54] **PRODUCTION ET UTILISATION DE MONOGLYCERIDES**
[72] SCHOERKEN, ULRICH, DE
[72] BOTH, SABINE, DE
[72] BONGARDT, FRANK, DE
[72] STUHLMANN, DIANA, DE
[73] COGNIS IP MANAGEMENT GMBH, DE
[85] 2007-07-18
[86] 2006-01-10 (PCT/EP2006/000120)
[87] (WO2006/077022)
[30] DE (10 2005 002 711.3) 2005-01-19

[11] **2,595,634**
[13] C

[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **AUTOMATIC IDENTIFICATION OF REPEATED MATERIAL IN AUDIO SIGNALS**
[54] **IDENTIFICATION AUTOMATIQUE DE MATERIEL REPETE DANS DES SIGNAUX AUDIO**
[72] DE BUSK, DAVID L., US
[72] BRIGGS, DARREN P., US
[72] KARLINER, MICHAEL, GB
[72] CHEONG TANG, RICHARD WING, GB
[72] LI-CHUN WANG, AVERY, US
[73] SHAZAM INVESTMENTS LIMITED, GB
[85] 2007-07-20
[86] 2006-02-08 (PCT/US2006/004593)
[87] (WO2006/086556)
[30] US (60/651,010) 2005-02-08

[11] **2,597,183**
[13] C

[51] **Int.Cl. C10G 3/00 (2006.01) C10L 1/08 (2006.01) C11C 3/04 (2006.01) C11C 3/10 (2006.01)**
[25] EN
[54] **PRODUCTION OF BIODIESEL AND GLYCERIN FROM HIGH FREE FATTY ACID FEEDSTOCKS**
[54] **PREPARATION DE BIODIESEL ET DE GLYCERINE A PARTIR DE CHARGES D'ALIMENTATION A ACIDES GRAS TRES LIBRES**
[72] JACKAM, JOHN P., US
[72] PIERCE, JOEL M., US
[72] JONES, JEFFREY D., US
[72] TALLEY, RICHARD H., US
[73] REG SENECA, LLC, US
[86] (2597183)
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[22] 2007-08-14
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[25] EN

[54] **EXPRESSION CASSETTES FOR SEED-PREFERENTIAL EXPRESSION IN PLANTS**

[54] **CASSETTES D'EXPRESSION DESTINEES A UNE EXPRESSION PREFERENTIELLE DE SEMENCES CHEZ DES PLANTES**

[72] DUWENIG, ELKE, DE

[72] LOYALL, LINDA PATRICIA, DE

[73] BASF PLANT SCIENCE GMBH, DE

[85] 2007-08-17

[86] 2006-02-24 (PCT/EP2006/060266)

[87] (WO2006/089950)

[30] EP (05004248.0) 2005-02-26

[11] **2,598,524**
[13] C

[51] **Int.Cl. C02F 3/00 (2006.01) B01F 3/04 (2006.01)**

[25] EN

[54] **AERATING WASTEWATER FOR RE-USE**

[54] **PROCEDE ET DISPOSITIF DESTINES A L'AERATION D'UN LIQUIDE, PARTICULIEREMENT UTILE POUR LE RECYCLAGE DES EAUX USEES**

[72] WEISSMAN, JEREMY, IL

[73] WEISSMAN, JEREMY, IL

[85] 2007-08-20

[86] 2006-02-22 (PCT/IL2006/000242)

[87] (WO2006/090382)

[30] US (60/655,033) 2005-02-22

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[13] C

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

[25] EN

[54] **AN INVERTED PASSIVE OPTICAL NETWORK/INVERTED PASSIVE ELECTRICAL NETWORK (IPON/IPEN) BASED DATA FUSION AND SYNCHRONIZATION SYSTEM**

[54] **SYSTEME DE FUSION ET DE SYNCHRONISATION DE DONNEES BASE SUR UN RESEAU OPTIQUE PASSIF INVERSE/RESEAU ELECTRIQUE PASSIF INVERSE (IPON/IPEN)**

[72] JAMIESON, JOHN, US

[72] MURRAY, JOSEPH, US

[72] JOHNSON, GREGG, US

[72] CAPLAN, SYLVAN I., US

[73] 3 PHOENIX, INC., US

[85] 2007-08-28

[86] 2006-03-02 (PCT/US2006/007203)

[87] (WO2006/104630)

[30] US (60/657,424) 2005-03-02

[11] **2,599,865**
[13] C

[51] **Int.Cl. A47B 13/02 (2006.01)**

[25] EN

[54] **SUPPORT ASSEMBLY FOR WORK SURFACE**

[54] **SUPPORT POUR PLAN DE TRAVAIL**

[72] MAGNUSSON, CARL, US

[73] TK CANADA LIMITED, CA

[86] (2599865)

[87] (2599865)

[22] 2007-08-31

[11] **2,600,081**
[13] C

[51] **Int.Cl. B81B 7/02 (2006.01) B81B 3/00 (2006.01) H01H 9/20 (2006.01) H01H 37/32 (2006.01) H01H 37/46 (2006.01)**

[25] EN

[54] **MEMS ACTUATORS AND SWITCHES**

[54] **ACTIONNEURS ET COMMUTATEURS MEMS**

[72] LU, JUN, CA

[72] MENARD, STEPHANE, CA

[73] RESEAUX MEMS, SOCIETE EN COMMANDITE, CA

[85] 2007-09-05

[86] 2006-03-18 (PCT/IB2006/002728)

[87] (WO2007/007206)

[30] US (60/662,829) 2005-03-18

[30] US (11/308,358) 2006-03-18

[11] **2,600,814**
[13] C

[51] **Int.Cl. H02J 7/00 (2006.01)**

[25] EN

[54] **POWER SUPPLY FOR UNDERGROUND AND PAD MOUNTED POWER DISTRIBUTION SYSTEMS**

[54] **ALIMENTATION DE SYSTEME DE DISTRIBUTION DE COURANT, SOUTERRAINS OU SUR SOCLE**

[72] LINDSEY, KEITH E., US

[72] STRIEZ, DUSAN, US

[72] LANDES, JAMES L., US

[73] LINDSEY MANUFACTURING COMPANY, US

[85] 2007-09-07

[86] 2006-03-10 (PCT/US2006/008904)

[87] (WO2006/099298)

[30] US (11/078,787) 2005-03-11

[11] **2,601,883**
[13] C

[51] **Int.Cl. B27D 1/04 (2006.01) B27G 1/00 (2006.01) B27G 11/00 (2006.01)**

[25] EN

[54] **DISPOSABLE PROTECTIVE SHEETING FOR DECKS AND FLOORS**

[54] **REVETEMENT PROTECTEUR JETABLE POUR PLATEFORMES ET PLANCHERS**

[72] KADLEC, GARY F., US

[73] KADLEC, GARY F., US

[85] 2007-09-21

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[87] (WO2006/102190)

[30] US (60/663,830) 2005-03-21

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[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **USE OF GENE ACTIVITY CLASSIFICATORS FOR IN VITRO CLASSIFICATION OF GENE EXPRESSION PROFILES OF PATIENTS WITH INFECTIOUS/NON-INFECTIOUS MULTIPLE ORGAN FAILURE**

[54] **UTILISATION DE CLASSIFICATEURS D'ACTIVITE GENETIQUE POUR LA CLASSIFICATION IN VITRO DE PROFILS D'EXPRESSION GENETIQUE DE PATIENTS PRESENTANT UNE DEFAILLANCE MULTIORGANIQUE INFECTIEUSE OU NON INFECTIEUSE**

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[72] REINHART, KONRAD, DE
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[54] **MODULE DE POMPE DE RECHAUFFEUR DE MACHINE A LAVER DES PIECES**

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[72] ENDRES, MICHAEL, US
[72] BIBA, SCOTT, US
[72] GUNSEOR, LARRY, US
[72] YOUNGER, CHARLES, US
[73] SAFETY-KLEEN SYSTEMS, INC., US
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[54] **COMPOSITIONS COMPRENANT DES COMPOSANTS PROBIOTIQUES ET DES COMPOSANTS EDULCORANTS**

[72] STOJANOVIC, MARKO, US
[73] THE IAMS COMPANY, US
[85] 2007-10-04
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[25] EN
[54] **ENDOSCOPIC SURGICAL CLIP APPLIERS**

[54] **APPLICATEUR DE PINCE CHIRURGICALE ENDOSCOPIQUE**

[72] WHITFIELD, KENNETH H., US
[72] SORRENTINO, GREGORY, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2604975)
[87] (2604975)
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[30] US (11/541,617) 2006-10-02

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[54] **APPARATUS FOR APPLYING SURGICAL CLIPS**

[54] **APPAREIL POUR APPLIQUER DES PINCES CHIRURGICALES**

[72] ARANYI, ERNEST, US
[72] WHITFIELD, KENNETH H., US
[72] SORRENTINO, GREGORY, US
[72] LI, JEREMY, US
[73] TYCO HEALTHCARE GROUP LP, US
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[25] FR
[54] **LEAKPROOF SYSTEM BETWEEN TWO COAXIAL ROTATING SHAFTS**

[54] **SYSTEME D'ETANCHEITE ENTRE DEUX ARBRES TOURNANTS COAXIAUX**

[72] GILLE, LAURENT, FR
[72] MORREALE, SERGE, FR
[73] SNECMA, FR
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[25] EN
[54] **BOOKBINDING COIL END CUTTING AND CRIMPING MACHINE**

[54] **MACHINE A COUPER ET A SERTIR L'EXTREMITE DES RELIURES SPIRALES**

[72] DESJARLAIS, MATTHEW G., CA
[72] KLASSEN, WALTER D., CA
[73] GATEWAY BOOKBINDING SYSTEMS LTD., CA
[86] (2607505)
[87] (2607505)
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[25] EN
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[72] ABRECHT, STEFAN, CH
[72] ADAM, JEAN-MICHEL, FR
[72] FETTES, ALEC, CH
[72] FORICHER, JOSEPH, FR
[72] LOHRI, BRUNO, CH
[72] MATTEL, PATRIZIO, CH
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[73] F. HOFFMANN-LA ROCHE AG, US
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[25] EN
[54] **HIGH PERFORMANCE CONCRETE WITH A QUICK RESISTANCE DEVELOPMENT LACKING ADDED MATERIALS WITH LATENT HYDRAULIC ACTIVITY**
[54] **BETON HAUTE PERFORMANCE A DEVELOPPEMENT DE RESISTANCE RAPIDE SANS MATERIAUX AJOUTES A ACTIVITE HYDRAULIQUE LATENTE**
[72] CANGIANO, STEFANO, IT
[73] ITALCEMENTI S.P.A., IT
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[54] **NOZZLE ASSEMBLY WITH BLOW-OFF CAP FOR USE IN FIRE SUPPRESSION SYSTEM**
[54] **ENSEMBLE DE BUSE A EMBOUT DE PURGE UTILISE DANS UN SYSTEME ANTI-INCENDIE**
[72] BIEHL, RICHARD J., US
[73] TYCO FIRE PRODUCTS LP, US
[85] 2007-11-16
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[25] EN
[54] **METHOD OF PREPARING A SEPARATION MATRIX**
[54] **PROCEDE DE FABRICATION D'UNE MATRICE DE SEPARATION**
[72] BERG, HANS, SE
[72] HOLM, MARIA BIRGITTA, SE
[72] BUCKLEY, DAVID, SE
[72] BUSSON, PHILIPPE, SE
[72] HAGVALL, ANDERS, SE
[72] HOLMGREN, EVA, SE
[72] IHRE, HENRIK, SE
[72] LARSSON, ANDERS, SE
[72] LINDSTROEM, DAG, SE
[73] GE HEALTHCARE BIO-SCIENCES AB, SE
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[30] SE (0501609-2) 2005-07-06
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[13] C

[51] **Int.Cl. F02K 1/08 (2006.01) F01D 17/10 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **TURBOFAN ENGINE NOZZLE ASSEMBLY AND METHOD FOR OPERATING THE SAME**
[54] **TUYERE DE REACTEUR A DOUBLE FLUX ET METHODE DE FONCTIONNEMENT**
[72] KEMPER, PAUL D., US
[72] MONIZ, THOMAS ORY, US
[72] SEDA, JORGE FRANCISCO, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2609228)
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[30] US (11/559,774) 2006-11-14

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[25] EN
[54] **MULTI-WALLED GELASTIC MATERIAL**
[54] **MATERIAU DE GEL PLASTIQUE MULTIPAROI**
[72] FLICK, ROLAND E., US
[72] JUSIAK, JOEL T., US
[73] STRYKER CORPORATION, US
[86] (2610549)
[87] (2610549)
[22] 2007-11-15
[30] US (11/602,099) 2006-11-20

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[13] C

[51] **Int.Cl. F02C 7/36 (2006.01)**
[25] FR
[54] **DEVICE LINKING TWO ROTARY SHAFTS, SPECIFICALLY IN A TURBOMACHINE**
[54] **DISPOSITIF DE LIAISON DE DEUX ARBRES ROTATIFS, EN PARTICULIER DANS UNE TURBOMACHINE**
[72] LESCURE, XAVIER FIRMIN CAMILLE JEAN, FR
[72] PHAM, LUCIEN PAUL, FR
[73] SNECMA, FR
[86] (2610639)
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[54] **HEAD PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION POUR LA TETE**

[72] TACK, DAVID W., CA
[72] ANGEL, HAROLD A., CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA

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[54] **COMPOSITIONS PREBIOTIQUES SYNERGIQUES**

[72] JASZBERENYI, CSABA JOZSEF, HU
[72] SZAKACS, TAMAS JANOS, HU
[73] JASZBERENYI, CSABA JOZSEF, HU
[73] SZAKACS, TAMAS JANOS, HU

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[25] EN
[54] **N-ACYL DERIVATIVES OF AMINO ACIDS, A PROCESS FOR PREPARATION THEREOF, A PHARMACEUTICAL COMPOSITION AND USE THEREOF AS ANTIALLERGIC, ANTI-INFLAMMATORY AND HYPOLIPIDEMIC AGENTS**

[54] **DERIVES N-ACYLES D'ACIDES AMINES, COMPOSITION PHARMACEUTIQUE ET SON UTILISATION EN TANT QUE PRODUITS ANTI-ALLERGIQUES, ANTI-ANAPHYLACTIQUES, ANTI-INFLAMMATOIRES OU HYPOLIPIDEMIQUES**

[72] NEBOLSIN, VLADIMIR EVGENIEVICH, RU
[72] KROMOVA, TATYANA ALEXANDROVNA, RU
[72] ZHELTUKHINA, GALINA ALEXANDROVNA, RU
[72] KOVALEVA, VIOLETTA LEONIDOVNA, RU

[73] OTKRYTOE AKTSIONERNOE OBSHESTVO "OTECHESTVENNYE LEKARSTVA", RU
[73] NEBOLSIN, VLADIMIR EVGENIEVICH, RU

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[30] RU (2005118635) 2005-06-15

[11] **2,615,849**
[13] C

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[25] FR
[54] **D' IDENTIFICATION DEVICE FOR OPTICAL READING AND RADIO FREQUENCY ENCODING ADAPTABLE IN IDENTIFICATION LABEL PRINTER OUTPUT**

[54] **DISPOSITIF DE LECTURE OPTIQUE ET D'ENCODAGE RADIOFREQUENCE ADAPTABLE EN SORTIE D'IMPRIMANTE D'ETIQUETTES D' IDENTIFICATION**

[72] SUREAUD, JEAN, FR
[72] BRANDIN, GUILLAUME, FR
[72] SABBAH, ELIAS, FR
[73] ASK S.A., FR

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[13] C

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[25] EN
[54] **METHOD FOR TREATING FABRIC WITH VISCOUS LIQUID POLYMERS**

[54] **PROCEDE DE TRAITEMENT DE TISSU AVEC DES POLYMERES LIQUIDES VISQUEUX**

[72] SAUER, BRYAN BENEDICT, US
[72] SAMANT, KALIKA RANJAN, US
[72] TRENTACOSTA, JOSEPH D., US
[72] CHIOU, MINSHON J., US
[72] DAVIS, JAMES C., US

[73] E. I. DU PONT DE NEMOURS AND COMPANY, US

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[54] **PYRAZINE DERIVATIVES AND USE AS PI3K INHIBITORS**
[54] **DERIVE DE PYRAZINE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE PI3K**

[72] GAILLARD, PASCALE, FR
[72] QUATTROPANI, ANNA, CH
[72] POMEL, VINCENT, FR
[72] RUECKLE, THOMAS, CH
[72] KLICIC, JASNA, CH
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[54] **SPECTRAL IMAGING FOR DOWNHOLE FLUID CHARACTERIZATION**
[54] **IMAGERIE SPECTRALE POUR CARACTERISATION DE FLUIDE DE FOND DE TROU**

[72] VANNUFFELLEN, STEPHANE, JP
[72] TERABAYASHI, TORU, JP
[72] YAMATE, TSUTOMU, JP
[72] RATULOWSKI, JOHN, US
[72] KERR, JOHN A., US
[72] AUZERAIS, FRANCOIS, US
[72] SCHROEDER, ROBERT J., US
[72] TARVIN, JEFFREY A., US
[72] KURKJIAN, ANDREW L., US
[72] PROUVOST, LAURENT, FR
[72] HAMMAMI, AHMED, CA
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **SYSTEM AND METHOD FOR BILLING IP-BASED WIRELESS TELECOMMUNICATIONS IN A CONVERGED NETWORK**
[54] **SYSTEME ET PROCEDE DE FACTURATION DE TELECOMMUNICATIONS PAR RESEAU IP SANS FIL DANS UN RESEAU CONVERGENT**

[72] CALDWELL, CHRISTOPHER, US
[72] LINKOLA, JANNE, FI
[73] T-MOBILE USA, INC., US
[85] 2008-02-15
[86] 2006-10-11 (PCT/US2006/039688)
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[30] US (60/726,105) 2005-10-12

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[54] **PORTABLE VIDEO PROGRAMS**
[54] **PROGRAMMES VIDEO PORTABLES**

[72] DACOSTA, BEHRAM, US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
[85] 2008-03-06
[86] 2006-07-31 (PCT/US2006/029647)
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[54] **SYSTEM AND METHOD FOR PROVIDING OXYGEN**
[54] **SYSTEME ET PROCEDE D'ALIMENTATION EN OXYGENE**

[72] GOERTZEN, GEROLD, US
[72] NULL, WILLIAM A., JR., US
[73] INVACARE CORPORATION, US
[85] 2008-03-07
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[25] EN
[54] **METHOD AND ELEMENTS FOR FORMING A BUILDING FACADE**
[54] **PROCEDE ET ELEMENTS POUR LA REALISATION D'UNE FACADE DE BATIMENT**

[72] LOBSON, CRAIG, CA
[73] LOBSON, CRAIG, CA
[85] 2008-03-07
[86] 2006-09-06 (PCT/CA2006/001464)
[87] (WO2007/028240)
[30] US (11/221,690) 2005-09-09

[11] **2,623,862**
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/14 (2006.01)**

[25] EN
[54] **A FLOW CONTROL ASSEMBLY HAVING A FIXED FLOW CONTROL DEVICE AND AN ADJUSTABLE FLOW CONTROL DEVICE**
[54] **ENSEMBLE A DEBIT MODULE POURVU D'UN DISPOSITIF A DEBIT MODULE FIXE ET D'UN DISPOSITIF A DEBIT MODULE REGLABLE**

[72] PATEL, DINESH R., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2623862)
[87] (2623862)
[22] 2008-03-05
[30] US (60/894,495) 2007-03-13
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[54] **MECANISME D'ACCOUDOIR REGLABLE POUR UN VEHICULE DE MANUTENTION DE MATERIAUX**
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[72] RUPPERT, ADAM M., US
[73] CROWN EQUIPMENT CORPORATION, US
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[54] **DVD REPLICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REPRODUCTION DE VIDEODISQUE NUMERIQUE**
[72] HAMERSLEY, ALAN BRUCE, US
[72] HOFMANN, HOLGER, US
[72] TOWN, JOHN MATTHEW, US
[73] THOMSON LICENSING, FR
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[54] **MACHINE DE TRANSFERT D'ENERGIE**
[72] KLASSEN, JAMES B., CA
[72] BOEHM, DAVID W., CA
[73] CONCEPT SOLUTIONS INC., CA
[85] 2008-02-15
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[54] **MOLDED DECORATIVE FENCE PANEL**
[54] **PANNEAU DE CLOTURE DECORATIF MOULE**
[72] LAWS, DAVID J., US
[72] LAWS, R. DRU, US
[72] WILSON, GREGORY, US
[72] SWINDLER, PHILLIP, US
[72] MAGDARS, ROBERT, US
[72] JOHNSON, JOHN A., US
[73] MFS, LLC, US
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[30] US (11/256,216) 2005-10-21

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[13] C

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[25] EN
[54] **SCREENING ARRANGEMENT**
[54] **DISPOSITIF DE CRIBLAGE**
[72] MALMBERG, MATS, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2008-04-11
[86] 2006-10-18 (PCT/SE2006/001174)
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[13] C

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[25] FR
[54] **STARCH COATING AGENTS**
[54] **AGENTS D'ENROBAGE AMYLACES**
[72] PARIS, LAURENCE, FR
[72] VAURES, FREDERIC, FR
[73] PARIS, LAURENCE, FR
[73] CARE & PHARMA PERSPECTIVES SA, CH
[85] 2008-04-14
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[13] C

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[25] EN
[54] **MACROMOLECULAR COMPOUNDS HAVING CONTROLLED STOICHIOMETRY**
[54] **COMPOSES MACROMOLECULAIRES AYANT UNE STOICHIOMETRIE CONTROLEE**
[72] KRIPPNER, GUY YEOMAN, AU
[72] LICHTI, GOTTFRIED, AU
[72] RAZZINO, PASQUALE, AU
[72] KELLY, BRIAN DEVLIN, AU
[72] PALLICH, SUSANNE, AU
[72] HENDERSON, SCOTT ANDREW, AU
[72] SCHEPPOKAT, ANGELA MICHELLE, AU
[72] WILLIAMS, CHARLOTTE CLAIRE, AU
[72] PORTER, CHRISTOPHER JOHN HAMILTON, AU
[72] BOYD, BENJAMIN JAMES, AU
[72] KAMINSKAS, LISA MICHELLE, AU
[72] RENDLE, PHILLIP MARTIN, NZ
[72] GREATREX, BEN WILLIAM, NZ
[73] STARPHARMA PTY LIMITED, AU
[85] 2008-04-22
[86] 2006-10-25 (PCT/AU2006/001591)
[87] (WO2007/048190)
[30] AU (2005905908) 2005-10-25
[30] AU (2006906087) 2006-10-24

[11] **2,627,179**
[13] C

[51] **Int.Cl. H04W 28/00 (2009.01) H04W 24/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR OVERHEAD REDUCTION OF SIGNALING MESSAGES**
[54] **PROCEDE ET APPAREIL PERMETTANT UNE REDUCTION DU SURDEBIT DES MESSAGES DE SIGNALISATION**
[72] YOON, YOUNG CHEUL, US
[72] LEE, SUK WOO, US
[72] SUN, LI-HSIANG, US
[73] LG ELECTRONICS INC., KR
[85] 2008-04-24
[86] 2006-11-02 (PCT/KR2006/004541)
[87] (WO2007/069822)
[30] US (60/733,017) 2005-11-02
[30] US (60/734,630) 2005-11-07

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[54] **POLYURETHANE-UREA ELASTOMERS**

[54] **ELASTOMERES DE POLYURETHANE-UREE**

[72] SARPESHKAR, ASHOK M., US

[72] DONALDSON, MARYLYN, US

[73] BAYER MATERIALSCIENCE LLC, US

[85] 2008-04-24

[86] 2006-10-23 (PCT/US2006/041362)

[87] (WO2007/050542)

[30] US (11/260,104) 2005-10-27

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[25] EN

[54] **OXAZOLE COMPOUND AND PHARMACEUTICAL COMPOSITION**

[54] **COMPOSE OXAZOLE ET COMPOSITION PHARMACEUTIQUE**

[72] OKADA, MINORU, JP

[72] KATO, MASAYA, JP

[72] SATO, NORIFUMI, JP

[72] UNO, TETSUYUKI, JP

[72] KITAGAKI, HIDEKI, JP

[72] HARUTA, JUNPEI, JP

[72] HIYAMA, HIDETAKA, JP

[72] SHIBATA, TOMONORI, JP

[73] OTSUKA PHARMACEUTICAL CO., LTD., JP

[85] 2008-04-28

[86] 2006-11-14 (PCT/JP2006/323066)

[87] (WO2007/058338)

[30] JP (2005-330590) 2005-11-15

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[25] EN

[54] **HEAT RESISTANT ALLOY ADAPTED TO PRECIPITATE FINE TI-NB-CR CARBIDE OR TI-NB-ZR-CR CARBIDE**

[54] **ALLIAGE RESISTANT A LA CHALEUR CAPABLE DE DEPOSER UN FIN CARBURE DE TI-NB-CR OU CARBURE DE TI-NB-ZR-CR**

[72] TAKAHASHI, MAKOTO, JP

[72] HASHIMOTO, KUNIHIDE, JP

[72] HINENO, MAKOTO, JP

[73] KUBOTA CORPORATION, JP

[85] 2008-04-28

[86] 2006-10-30 (PCT/JP2006/322064)

[87] (WO2007/052782)

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[25] FR

[54] **ELECTRICAL POWER CONSUMING INSTALLATION USING A FUEL CELL AND METHOD OF SUPPLYING ONE SUCH INSTALLATION**

[54] **INSTALLATION CONSOMMATRICE D'ENERGIE ELECTRIQUE UTILISANT UNE PILE A COMBUSTIBLE ET PROCEDE D'ALIMENTATION D'UNE TELLE INSTALLATION**

[72] TOUVARD, FREDERIC, FR

[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

[85] 2008-04-29

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[13] C

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[25] EN

[54] **SEPARATORY AND EMULSION BREAKING PROCESSES**

[54] **PROCEDES DE SEPARATION ET DE RUPTURE D'EMULSION**

[72] ENGEL, DAVID BIRENBAUM, US

[72] GOLIASZEWSKI, ALAN E., US

[72] MCDANIEL, CATO R., US

[73] GENERAL ELECTRIC COMPANY, US

[85] 2008-05-01

[86] 2006-11-15 (PCT/US2006/044370)

[87] (WO2007/061722)

[30] US (11/281,532) 2005-11-17

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[25] EN

[54] **SALTS OF MINERAL NUTRIENTS STABILIZED WITH AMINO ACIDS AND/OR AMMONIUM SALT, PRODUCTS AND FOOD SUPPLEMENT THAT CONTAIN THEM AND PROCEDURES OF OBTENTION**

[54] **SELS DE NUTRIMENTS MINERAUX STABILISES PAR DES ACIDES AMINES ET/OU DU SEL D'AMMONIUM, PRODUITS ET COMPLEMENT ALIMENTAIRE LES CONTENANT ET PROCEDES D'OBTENTION ASSOCIES**

[72] ETTLIN, EDUARDO WALTER, AR

[72] BOCCIO, JOSE RUBEN, AR

[72] DE PAOLI, ADRIAN TOMAS, AR

[72] HAGER, EDGARDO ADRIAN, AR

[72] DE PAOLI, PABLO ADRIAN, AR

[73] ETTLIN, EDUARDO WALTER, AR

[73] BOCCIO, JOSE RUBEN, AR

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[73] DE PAOLI, PABLO ADRIAN, AR

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[54] **CONTAINER WITH REINFORCED BASE**
[54] **CONTENANT A BASE RENFORCEE**
[72] APPS, WILLIAM P., US
[73] REHRIG PACIFIC COMPANY, US
[86] (2628433)
[87] (2628433)
[22] 2008-04-03
[30] US (11/767,157) 2007-06-22

[11] **2,628,469**
[13] C

[51] **Int.Cl. B65D 19/00 (2006.01) B65D 19/38 (2006.01)**
[25] EN
[54] **NESTABLE PALLET**
[54] **PALETTE EMBOITABLE**
[72] APPS, WILLIAM P., US
[73] REHRIG PACIFIC COMPANY, US
[86] (2628469)
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[22] 2008-04-03
[30] US (11/763,988) 2007-06-15

[11] **2,629,803**
[13] C

[51] **Int.Cl. F01D 5/26 (2006.01) F01D 5/16 (2006.01)**
[25] FR
[54] **DAMPER FOR TURBINE ENGINE BLADES**
[54] **AMORTISSEUR POUR AUBES DE TURBOMACHINE**
[72] CAUCHETEUX, MATHIEU, FR
[72] DURDEVIC, GORAN, FR
[72] LEFEBVRE, ERIC, FR
[73] SNECMA, FR
[86] (2629803)
[87] (2629803)
[22] 2008-04-24
[30] FR (0703106) 2007-04-27

[11] **2,631,897**
[13] C

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[25] EN
[54] **SPRAYABLE DRY WASH AND WAX COMPOSITION AND METHOD OF USING SAME**
[54] **COMPOSITION PULVERISABLE DE LAVAGE ET DE CIRAGE A SEC ET METHODE D'UTILISATION**
[72] SEROBIAN, ASHOT, US
[73] THE ARMOR ALL/STP PRODUCTS COMPANY, US
[86] (2631897)
[87] (2631897)
[22] 2008-05-21
[30] US (11/833,478) 2007-08-03

[11] **2,632,349**
[13] C

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[25] EN
[54] **STEAM/WATER CONICAL CYCLONE SEPARATOR**
[54] **CYCLONE CONIQUE A SEPARATION EAU-VAPEUR**
[72] ALBRECHT, MELVIN J., US
[73] BABCOCK & WILCOX POWER GENERATION GROUP, INC., US
[86] (2632349)
[87] (2632349)
[22] 2008-05-23
[30] US (11/753,335) 2007-05-24

[11] **2,634,732**
[13] C

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[25] FR
[54] **EXHAUST CASING HUB HAVING STRESS DISTRIBUTION RIBS**
[54] **MOYEU DE CARTER D'ECHAPPEMENT COMPORTANT DES NERVURES DE REPARTITION DE CONTRAINTES**
[72] BADER, VALENTINE, FR
[72] MARNAS, LAURENT PIERRE ELYSEE GASTON, FR
[72] POMMIER, NICOLAS, FR
[72] SCHNELL, CHRISTIAN RENE, FR
[73] SNECMA, FR
[86] (2634732)
[87] (2634732)
[22] 2008-06-10
[30] FR (0755736) 2007-06-13

[11] **2,635,338**
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[51] **Int.Cl. H02J 7/00 (2006.01) G01R 31/36 (2006.01)**
[25] EN
[54] **A GRAPHIC STATE OF CHARGE INDICATOR FOR A BATTERY CHARGING SYSTEM AND METHOD OF USE**
[54] **ETAT GRAPHIQUE D'INDICATEUR DE CHARGE POUR UN SYSTEME DE CHARGE DE BATTERIE ET METHODE D'UTILISATION**
[72] CARKNER, STEVE, CA
[73] PANACIS INC., CA
[86] (2635338)
[87] (2635338)
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[25] FR
[54] **SHOCK ABSORBENT DEVICE FOR TURBOMACHINE SHAFT**
[54] **DISPOSITIF AMORTISSEUR POUR ARBRE DE TURBOMACHINE**
[72] BAUMHAUER, STEPHANE JEAN JOSEPH, FR
[72] DUPEUX, JEROME ALAIN, FR
[72] GARCIN, FRANCOIS MAURICE, FR
[72] LOMBARD, JEAN-PIERRE FRANCOIS, FR
[73] SNECMA, FR
[86] (2635633)
[87] (2635633)
[22] 2008-06-26
[30] FR (0704579) 2007-06-26

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[51] **Int.Cl. G06K 7/00 (2006.01) H04W 84/10 (2009.01) G06F 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING SMART CARD READER RECONNECTIONS**
[54] **SYSTEME ET METHODE PERMETTANT L'AMELIORATION DE REBRANCHEMENTS DE LECTEUR DE CARTES A PUCE**
[72] DAVIS, DINAH, CA
[72] SINGH, RAVI, CA
[72] ADAMS, NEIL, CA
[73] BLACKBERRY LIMITED, CA
[86] (2636304)
[87] (2636304)
[22] 2008-06-27
[30] US (60/946,590) 2007-06-27

[11] **2,637,272**
[13] C

[51] **Int.Cl. C01B 39/48 (2006.01) C01B 39/04 (2006.01)**
[25] EN
[54] **MICROPOROUS CRYSTALLINE MATERIAL, ZEOLITE ITQ-33, METHOD OF PREPARATION AND USE**
[54] **MATERIAU CRISTALLIN MICROPOREUX, LA ZEOLITE ITQ-33, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] CORMA CANOS, AVELINO, ES
[72] MOLINER MARIN, MANUEL, ES
[72] DIAZ CABANAS, MARIA JOSE, ES
[72] SERRA ALFARO, JOSE MANUEL, ES
[72] CASTANEDA SANCHEZ, RAFAEL, ES
[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIEFICAS, ES
[73] UNIVERSIDAD POLITECNICA DE VALENCIA, ES
[85] 2008-07-15
[86] 2006-01-17 (PCT/ES2006/070002)
[87] (WO2006/075041)
[30] ES (P200500120) 2005-01-17

[11] **2,637,843**
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[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING CELL PROLIFERATION OF PANCREATIC PROGENITOR CELLS IN A PANCREATIC CELL CULTURE**
[54] **PROCEDE PERMETTANT D'AMELIORER LA PROLIFERATION CELLULAIRE DES CELLULES PROGENITRICES PANCREATIQUES DANS UNE CULTURE DE CELLULES PANCREATIQUES**
[72] FLORIO, MONICA, US
[72] FRANCKI, ALEKSANDAR, US
[72] TSANG, WEN-GHIH, US
[73] RENEURON, INC., US
[85] 2008-07-18
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[87] (WO2007/084730)
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[51] **Int.Cl. F24H 3/04 (2006.01) F23D 14/78 (2006.01) F24H 9/12 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **DIRECT-FIRED DUCTABLE HEATER**
[54] **GENERATEUR CANALISE A COMBUSTION DIRECTE**
[72] DESI-SEULEAN, SERGIU, CA
[72] WIEBE-NEUFELDT, DAVID, CA
[72] EJDRYGIEWICZ, JERRY, CA
[73] HAUL-ALL EQUIPMENT LTD., CA
[86] (2638435)
[87] (2638435)
[22] 2008-07-31

[11] **2,638,525**
[13] C

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[25] EN
[54] **PHARMACY WILL-CALL AND PRESCRIPTION ORDER ARTICLE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'ARTICLE DE COMMANDE D'ORDONNANCE ET DE RAPPEL PAR LA PHARMACIE**
[72] CHUDY, DUANE S., US
[72] BISHOP, MICHAEL B., US
[73] CHUDY GROUP, LLC, US
[86] (2638525)
[87] (2638525)
[22] 2008-08-05
[30] US (12/182,498) 2008-07-30

[11] **2,641,964**
[13] C

[51] **Int.Cl. F01D 5/02 (2006.01)**
[25] FR
[54] **TURBINE ENGINE WHEEL**
[54] **ROUE DE TURBOMACHINE**
[72] FABRE, ADRIEN JACQUES PHILIPPE, FR
[73] SNECMA, FR
[86] (2641964)
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[22] 2008-10-20
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[54] **METHOD FOR GUARANTEEING THE QUALITY OF SERVICES IN PACKET-SWITCHING WIRELESS NETWORKS**

[54] **METHODE DE GARANTIE DE LA QUALITE DES SERVICES DANS DES RESEAUX SANS FILDE COMMUTATION PAR PAQUETTATION PAR PAQUET**

[72] KLATT, AXEL, DE
[72] KOPPENBORG, STEFAN, DE
[72] LEHSER, FRANK, DE
[72] NENNER, KARL-HEINZ, DE
[73] T-MOBILE INTERNATIONAL AG & CO. KG, DE
[85] 2008-08-14
[86] 2007-02-12 (PCT/EP2007/001154)
[87] (WO2007/093335)
[30] DE (10 2006 006 953.6) 2006-02-14

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[13] C

[51] **Int.Cl. F01D 5/14 (2006.01) F01D 11/02 (2006.01)**
[25] FR
[54] **MOLDED METALLIC BLADE AND MANUFACTURING PROCESS FOR THE BLADE**

[54] **AUBE METALLIQUE FABRIQUEE PAR MOULAGE ET PROCEDE DE FABRICATION DE L'AUBE**

[72] BAUMAS, OLIVIER JEAN DANIEL, FR
[72] LANCIAUX, LUCIE MARIE IDA, FR
[73] SNECMA, FR
[86] (2643617)
[87] (2643617)
[22] 2008-11-06
[30] FR (07 07924) 2007-11-12

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[54] **WEAR ASSEMBLY**
[54] **ENSEMBLE D'USURE**

[72] CARPENTER, CHRISTOPHER M., US
[72] CONKLIN, DONALD M., US
[72] MORRIS, RAY J., US
[72] BEARDEN, JAMES E., US
[72] DURAND, SEVERN D., US
[73] ESCO CORPORATION, US
[85] 2008-08-28
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[25] EN
[54] **TRACKING AND EDITING A RESOURCE IN A REAL-TIME COLLABORATIVE SESSION**

[54] **SUIVI ET MODIFICATION D'UNE RESSOURCE DANS UNE SESSION DE COLLABORATION EN TEMPS REEL**

[72] STEVENS, JEREMY MAX, US
[72] MITRA, KANCHAN, US
[72] KRUM, KYLE, US
[73] MICROSOFT CORPORATION, US
[85] 2008-09-03
[86] 2007-01-25 (PCT/US2007/002318)
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[13] C

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[54] **ELECTROMECHANICAL ADJUSTING INSTRUMENT**
[54] **INSTRUMENT DE REGLAGE ELECTROMECHANIQUE**

[72] COLLOCA, CHRISTOPHER J., US
[72] KELLER, TONY J., US
[73] NEUROMECHANICAL INNOVATIONS, LLC, US
[85] 2008-09-08
[86] 2007-03-07 (PCT/US2007/063513)
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[30] US (60/779,785) 2006-03-07
[30] US (11/567,007) 2006-12-05

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[25] EN
[54] **THE USE OF ORGANOPHOSPHORUS COMPOUNDS AS CREPING AIDS**

[54] **UTILISATION DE COMPOSES ORGANOPHOSPHORES COMME AUXILIAIRES DE CREPAGE**

[72] GRIGORIEV, VLADIMIR A., US
[72] FURMAN, GARY S., US
[72] ARCHER, SAMMY L., US
[73] NALCO COMPANY, US
[85] 2008-09-05
[86] 2007-03-06 (PCT/US2007/005619)
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[30] US (11/369,133) 2006-03-06

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[25] EN
[54] **ELECTRONIC MODULE FOR MECHANICAL MEDICATION DELIVERY DEVICES**

[54] **MODULE ELECTRONIQUE POUR SYSTEME MECANIQUE DE DELIVRANCE DE MEDICAMENTS**

[72] LARSEN, ANDRE, DK
[73] NOVO NORDISK A/S, DK
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- [25] EN
- [54] **COMPOSITIONS CONTAINING RIBOFLAVIN AND SESAMIN-CLASS COMPOUNDS**
- [54] **COMPOSITIONS CONTENANT DE LA RIBOFLAVINE ET DES SESAMINES**
- [72] TAKEMOTO, DAISUKE, JP
- [72] TATEISHI, NORIFUMI, JP
- [72] ONO, YOSHIKO, JP
- [72] SAITO, KAYO, JP
- [72] MAEDA, AKIFUMI, JP
- [73] SUNTORY HOLDINGS LIMITED, JP
- [85] 2008-09-12
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- [54] **MECANISME DE LEVIER DE COMMANDE A MONTER SUR UN CAPOT D'UN VEHICULE DE TRANSPORT DE MATERIAUX**
- [72] SCHRENK, JULIEN J., US
- [72] HANSON, ERIC J., US
- [72] KREMER, JASON R., US
- [73] CROWN EQUIPMENT CORPORATION, US
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[13] C

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- [25] EN
- [54] **CONVEYOR BELT WITH ATTACHED STRIPS OF TEETH**
- [54] **COURROIE TRANSPORTEUSE AVEC BANDES ATTACHEES DE DENTS**
- [72] DEGROOT, MICHAEL, US
- [73] THERMODRIVE LLC., US
- [85] 2008-09-15
- [86] 2007-03-14 (PCT/US2007/063952)
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- [54] **TRONCON DE COUVERTURE DE GOUTTIERE DE TOIT AVEC SURFACE SUPERIEURE DRAINANT L'EAU**

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- [54] **SPIRAL-LINK BELT WITH DRIVE BARS**
- [54] **COURROIE A LIAISON SPIRALEE POURVUE DE BARRES D'ENTRAINEMENT**
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- [54] **VIRUS DE LA GRIPPE RECOMBINANTS A HAUT TITRE POUR VACCINS**

- [72] KAWAOKA, YOSHIHIRO, US

- [72] HORIMOTO, TAISUKE, JP
- [72] MURAKAMI, SHIN, US
- [73] WARF-WISCONSIN ALUMNI RESEARCH FOUNDATION, US

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- [25] EN
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- [73] MASCO CORPORATION OF INDIANA, US

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[54] **HARNESS HOLDING STRUCTURE FOR SADDLE TYPE VEHICLE**
[54] **STRUCTURE DE MAINTIEN DE HARNAIS POUR VEHICULE A SELLE**
[72] OSHIMA, TADASHI, JP
[72] HOJO, MASAYUKI, JP
[73] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION THAT COMPRISES AN ANALGESIC AND VITAMINS**
[54] **COMPOSITION PHARMACEUTIQUE COMBINANT UNE COMBINAISON FORMEE PAR UN SEL DE KETOROLAC ET DES VITAMINES DU COMPLEXE B POUR LE TRAITEMENT DE LA NEURALGIE**
[72] GARCIA-SALGADO LOPEZ, ENRIQUE RAUL, MX
[72] BARRANCO HERNANDEZ, GUSTAVO, MX
[73] LABORATORIOS SENOSIAIN, S.A. DE C.V., MX
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[25] EN
[54] **APPLIANCE, SYSTEM AND METHOD FOR CORRECTING HABITS OF AN ORAL CAVITY**
[54] **APPAREIL, SYSTEME ET PROCEDE PERMETTANT DE CORRIGER DES HABITUDES D'UNE CAVITE ORALE**
[72] BERGERSEN, EARL O., US
[73] ORTHO-TAIN, INC., US
[85] 2008-10-14
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[54] **APPARATUS FOR CAPTURING AN IMAGE**
[54] **APPAREIL DE CAPTURE D'IMAGE**
[72] EMILSSON, CARL-FREDRIK, SE
[73] HEMOCUE AB, SE
[85] 2008-10-16
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[54] **ELEMENT DE FILTRE A AIR A CAPUCHON COMPOSITE MOULE**
[72] EHRENBERG, BRIAN T., US
[73] BALDWIN FILTERS, INC., US
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[13] C

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[25] EN
[54] **DECOUPLED CLOCK MODEL WITH AMBIGUITY DATUM FIXING**
[54] **HORLOGE DECOUPLEE AVEC POSITIONNEMENT DE DONNEE D'AMBIGUITE**
[72] COLLINS, JOHN PAUL, CA
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[73] INNOGEL AG, CH
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- [25] EN
- [54] **METHOD AND APPARATUS FOR CONTROL AND SAFE BRAKING IN PERSONAL RAPID TRANSIT SYSTEMS WITH LINEAR INDUCTION MOTORS**
- [54] **PROCEDE ET APPAREIL DE CONTROLE ET DE FREINAGE SANS DANGER DANS DES SYSTEMES DE TRANSIT RAPIDE PERSONNELS A MOTEURS A INDUCTION LINEAIRE**
- [72] CHO, HYOUNG MIN, KR
[72] LEE, SUN WOOK, KR
[72] KIM, WOO JE, KR
[72] KIM, KYUNG HOON, KR
[73] POSCO, KR
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- [25] EN
- [54] **DEVICE FOR CUTTING A RIBBON MADE OF PAPER, PLASTICS OR SIMILAR MATERIAL**
- [54] **DISPOSITIF PERMETTANT DE COUPER UN RUBAN CONSTITUE DE PAPIER, DE PLASTIQUE OU D'UN MATERIAU SIMILAIRE**
- [72] BALLAROTTI, MARIO, IT
[73] P.E. LABELLERS S.P.A., IT
[85] 2008-11-12
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- [54] **PROCEDE DE PREPARATION D'UN DERIVE DE TAXANE**
- [72] GABETTA, BRUNO, IT
[72] CICERI, DANIELE, IT
[73] INDENA S.P.A., IT
[85] 2008-11-10
[86] 2007-04-25 (PCT/EP2007/003643)
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- [25] EN
- [54] **SYSTEM FOR LOADING AND UNLOADING OF HYDROCARBONS IN ICE PRONE WATERS**
- [54] **SYSTEME DE CHARGEMENT ET DECHARGEMENT D'HYDROCARBURES DANS DES EAUX SUJETTES A GLACE**
- [72] BREIVIK, KARE, NO
[72] KLEPPESTO, HARALD, NO
[73] STATOIL PETROLEUM AS, NO
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- [25] EN
- [54] **MULTILAYER PLASTIC CONTAINER**
- [54] **CONTENANT EN PLASTIQUE MULTICOUCHE**
- [72] SCHMIDT, KLAUS-PETER, DE
[72] SCHUELLER, FRANK, DE
[72] SCHUBBACH, REINHARD, DE
[73] MAUSER-WERKE GMBH, DE
[85] 2008-11-17
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[87] (WO2007/134781)
[30] DE (20 2006 008 091.0) 2006-05-18

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[13] C

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- [25] EN
- [54] **WIDE BACK FLANGE HANGER**
- [54] **DISPOSITIF DE SUSPENSION DE BRIDE ARRIERE LARGE**
- [72] LIN, JIN-JIE, US
[73] SIMPSON STRONG-TIE COMPANY, INC., US
[85] 2008-11-20
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[87] (WO2008/048261)

[11] **2,653,376**

[13] C

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- [25] EN
- [54] **DEVICE AND METHOD FOR DETECTING THE FROTHING ABILITY OF A FLUID**
- [54] **DISPOSITIF ET PROCEDE PERMETTANT DE DETECTER LA CAPACITE A MOUSSER D'UN FLUIDE**
- [72] LAMBERT, NOEL WILLIAM ALEXANDER, AU
[73] NEWCASTLE INNOVATION LIMITED, AU
[85] 2008-12-18
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[54] **COMPOSITION AND METHODS FOR IMPROVING THE PRODUCTION OF FERMENTATION OPERATIONS**

[54] **COMPOSITION ET PROCÉDES POUR AMÉLIORER LA PRODUCTION D'OPÉRATIONS DE FERMENTATION**

[72] HOLT, JASON, US

[72] MURPHY, CHRISTOPHER, US

[72] FABRI, JON O., US

[73] POLYMER VENTURES, INC., US

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[54] **MODULAR BUS ASSEMBLY FOR A LOADCENTER**

[54] **ENSEMBLE DE BUS MODULAIRE POUR UN CENTRE DE GRAVITE**

[72] SEFF, PAUL DAVID, US

[72] KARIM, SYED MANZURAL, US

[73] EATON CORPORATION, US

[85] 2008-12-08

[86] 2007-06-21 (PCT/IB2007/001692)

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[30] US (11/476,348) 2006-06-28

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[54] **CYCLOALKANOPYRROLOCARB AZOLE DERIVATIVES AND THE USE THEREOF AS PARP, VEGFR2 AND MLK3 INHIBITORS**

[54] **DÉRIVES DE CYCLOALKYLPYRROLOCARBA ZOLE ET LEUR UTILISATION COMME INHIBITEURS DE PARP3, VEGFR2 ET MLK3**

[72] CHATTERJEE, SANKAR, US

[72] DIEBOLD, JAMES L., US

[72] DUNN, DEREK, US

[72] HUDKINS, ROBERT L., US

[72] DANDU, REDDEPPAREDDY, US

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[72] ZULLI, ALLISON L., US

[73] CEPHALON, INC., US

[85] 2008-12-09

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[54] **FLOWABLE DENTAL RESIN COMPOSITIONS WITH LOW POLYMERIZATION STRESS**

[54] **COMPOSITIONS DE RESINE DENTAIRE COULANTE A FAIBLE CONTRAINTE DE POLYMERISATION**

[72] JIN, XIAOMING, US

[72] HAMMESFAHR, PAUL D., US

[73] DENTSPLY INTERNATIONAL INC., US

[85] 2008-12-09

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[54] **GLYCINE TRANSPORTER-1 INHIBITORS**

[54] **INHIBITEURS DU TRANSPORTEUR 1 DE LA GLYCINE**

[72] HITCHCOCK, STEPHEN, US

[72] AMEGADZIE, ALBERT, US

[72] QIAN, WENYUAN, US

[72] XIA, XIAOYANG, US

[72] HARRIED, SCOTT S., US

[73] AMGEN INC., US

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[13] C

[51] **Int.Cl. G01N 33/53 (2006.01) C12Q 1/56 (2006.01) G01N 33/543 (2006.01)**

[25] FR

[54] **METHOD AND KIT FOR THE DETECTION OF HEPARIN-DEPENDENT ANTIBODIES AND THE DIAGNOSIS OF IMMUNE OR AUTOIMMUNE PATHOLOGIES POTENTIATED BY HEPARIN SUCH AS HEPARIN-INDUCED THROMBOCYTOPENIA**

[54] **PROCÉDE ET NECESSAIRE POUR LA DETECTION DES ANTICORPS HEPARINE-DEPENDANTS ET LE DIAGNOSTIC DES PATHOLOGIES IMMUNES OU AUTO-IMMUNES POTENTIALISEES PAR L'HEPARINE TELLE QUE LA THROMBOPEENIE INDUITE PAR L'HEPARINE**

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[72] VISSAC, ANNE-MARIE, FR

[73] HYPHEN BIOMED, FR

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[54] **PANEL FILTER WITH FRAME**
[54] **PANNEAU FILTRANT AVEC CADRE**
[72] MILLER, DAVID, US
[72] REYNOLDS, MITCH, US
[73] CLARCOR AIR FILTRATION PRODUCTS, INC., US
[85] 2008-12-17
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[54] **A PIVOT JOINT**
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[72] MCGREGOR, DUNCAN, NZ
[73] ASSA ABLOY NEW ZEALAND LIMITED, NZ
[85] 2009-01-06
[86] 2007-07-11 (PCT/NZ2007/000177)
[87] (WO2008/007978)
[30] NZ (548458) 2006-07-12

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[13] C

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[54] **GEOGRAPHICAL INFORMATION DISPLAY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AFFICHAGE D'INFORMATIONS GEOGRAPHIQUES**
[72] CARBONE, JOHN N., US
[72] KLINE, CHRISTOPHER E., US
[72] JOHNSON, KEVIN L., US
[72] MAGNES, KENNETH J., US
[72] MORT, ASHLEY C., US
[73] RAYTHEON COMPANY, US
[85] 2009-01-13
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[25] EN
[54] **SPEED RESPONSIVE ENGAGEMENT DEVICE**
[54] **DISPOSITIF D'ENGAGEMENT FONCTION DE LA VITESSE**
[72] JONES, KARL, GB
[72] CROWLEY, DAVID, GB
[73] LATCHWAYS PLC., GB
[85] 2009-01-14
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[13] C

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[25] EN
[54] **COOLING APPARATUS AND METHOD FOR REDUCING RISK OF MALE INFERTILITY IN HEATED ENVIRONMENTS**
[54] **APPAREIL DE REFROIDISSEMENT ET PROCEDE POUR REDUIRE LE RISQUE DE STERILITE MALE DANS DES ENVIRONNEMENTS RECHAUFFES**
[72] NAHHAS, FATHALLAH, IL
[73] NAHHAS, FATHALLAH, IL
[85] 2009-01-19
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[87] (WO2008/012819)
[30] US (60/833,270) 2006-07-26
[30] US (60/907,569) 2007-04-09

[11] **2,659,114**
[13] C

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[25] EN
[54] **WELL TREATING MATERIALS AND METHODS**
[54] **MATIERES ET PROCEDES DE TRAITEMENT DE PUIITS**
[72] REDIGER, RICHARD, US
[72] ARON, MICHAEL J., US
[72] FENNELL, BEDFORD W., US
[73] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2009-01-12
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[11] **2,660,673**
[13] C

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[25] EN
[54] **PROCESS FOR THE FERMENTATIVE PRODUCTION OF ETHANOL FROM SOLID LIGNOCELLULOSIC MATERIAL COMPRISING A STEP OF TREATING A SOLID LIGNOCELLULOSIC MATERIAL WITH ALKALINE SOLUTION IN ORDER TO REMOVE THE LIGNIN**
[54] **PROCEDE POUR LA PRODUCTION FERMENTATIVE D'ETHANOL A PARTIR D'UNE MATIERE LIGNOCELLULOSIQUE SOLIDE COMPRENANT UNE ETAPE DE TRAITEMENT D'UNE MATIERE LIGNOCELLULOSIQUE SOLIDE PAR UNESOLUTION ALCALINE AFIN D'ELIMINER LA LIGNINE**
[72] SANTA'ANNA, LIDIA MARIA MELO, BR
[72] PEREIRA, NEI, BR
[72] GOMES, ABSAI DA CONCEICAI, BR
[72] VASQUES, MARIANA PENUELA, BR
[73] PETROLEO BRASILEIRO S.A.- PETROBRAS, BR
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[25] EN

[54] **POSITIVELY CHARGED WATER-SOLUBLE PRODRUGS OF ACETAMINOPHEN AND RELATED COMPOUNDS WITH VERY FAST SKIN PENETRATION RATE**

[54] **PROMEDICAMENTS HYDROSOLUBLES POSITIVEMENT CHARGES D'ACETAMINOPHENE ET DE COMPOSES ASSOCIES A VITESSE DE PENETRATION CUTANEE TRES ELEVEE**

[72] YU, CHONGXI, US
[72] XU, LINA, CN
[73] TECHFIELDS BIOCHEM CO. LTD, CN

[73] YU, CHONGXI, US
[85] 2009-02-24
[86] 2006-09-03 (PCT/IB2006/053091)
[87] (WO2008/029200)

[11] **2,661,812**
[13] C

[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/48 (2006.01) C08G 18/75 (2006.01) C09D 175/08 (2006.01) C09J 175/08 (2006.01)**

[25] EN

[54] **SOLID POLYMERIC SUBSTRATE HAVING ADHERENT RESIN COMPONENT DERIVED FROM CURABLE SILYLATED POLYURETHANE COMPOSITION**

[54] **SUBSTRAT POLYMERE SOLIDE PRESENTANT UN COMPOSANT DE RESINE ADHESIF DERIVE D'UNE COMPOSITION DE POLYURETHANNE SILYLATE DURCISSABLE**

[72] LANDON, SHAYNE J., US
[72] HUANG, MISTY, US
[72] WALDMAN, BRUCE A., US
[73] MOMENTIVE PERFORMANCE MATERIALS INC., US

[85] 2009-02-25
[86] 2007-08-30 (PCT/US2007/019119)
[87] (WO2008/027499)
[30] US (11/515,442) 2006-09-01

[11] **2,662,239**
[13] C

[51] **Int.Cl. C08G 73/00 (2006.01) C08G 73/08 (2006.01)**

[25] EN

[54] **POLYMERS AND FIBERS FORMED THEREFROM**

[54] **POLYMERES ET FIBRES FORMEES A PARTIR DE CEUX-CI**

[72] LEE, KIU-SEUNG, US
[72] HARTZLER, JON DAVID, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2009-02-27
[86] 2007-09-19 (PCT/US2007/020335)
[87] (WO2008/042115)
[30] US (11/544,118) 2006-10-06

[11] **2,662,511**
[13] C

[51] **Int.Cl. A01N 37/40 (2006.01) A01H 3/04 (2006.01) A01H 5/00 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) C12N 15/53 (2006.01)**

[25] EN

[54] **METHOD FOR IMPROVING PLANT HEALTH BY PROVIDING DICAMBA TO A DICAMBA MONOOXYGENASE (DMO) TRANSGENIC PLANT OR BY PROVIDING A PRODUCT OF DMO-MEDIATED METABOLISM TO A PLANT**

[54] **PROCEDE VISANT A AMELIORER LA SANTE DES PLANTES EN FOURNISSANT DU DICAMBA A UNE PLANTE TRANSGENIQUE AU MONOOXYGENASE DE DICAMBA OU EN FOURNISSANT UN PRODUIT DE METABOLISME MEDIE PAR LE MONOOXYGENASE DE DICAMBA A UNE PLANTE**

[72] BHATTI, MUHAMMAD, US
[72] FENG, PAUL C. C., US
[72] PITKIN, JOHN, US
[72] HOI, SIO-WAI, US
[73] MONSANTO TECHNOLOGY LLC, US

[85] 2009-03-03
[86] 2007-10-16 (PCT/US2007/081527)
[87] (WO2008/048964)
[30] US (60/852,308) 2006-10-16

[11] **2,662,615**
[13] C

[51] **Int.Cl. E21B 33/138 (2006.01) B09B 1/00 (2006.01) E02D 31/00 (2006.01) E21B 43/241 (2006.01)**

[25] EN

[54] **METHOD OF FORMING SUBTERRANEAN BARRIERS WITH MOLTEN WAX**

[54] **PROCEDE DESTINE A FORMER DES BARRIERES SOUTERRAINES AVEC DE LA CIRE FONDUE**

[72] CARTER, ERNEST E., JR., US
[73] CARTER, ERNEST E., JR., US

[85] 2009-03-05
[86] 2007-09-14 (PCT/US2007/020064)
[87] (WO2008/033536)
[30] US (60/844,432) 2006-09-14

[11] **2,663,071**
[13] C

[51] **Int.Cl. B31F 1/07 (2006.01)**

[25] EN

[54] **METHOD AND ASSEMBLY FOR THE MANUFACTURE OF AN ABSORBENT SHEET, AND ABSORBENT SHEET OBTAINED**

[54] **PROCEDE ET ENSEMBLE DE FABRICATION D'UNE FEUILLE ABSORBANTE, ET FEUILLE ABSORBANTE OBTENUE**

[72] JEANNOT, SEBASTIEN, FR
[72] GRAFF, PIERRE, FR
[72] HOEFT, BENOIT, FR
[72] PROBST, PIERRE, FR
[73] GEORGIA-PACIFIC FRANCE, FR

[85] 2009-03-11
[86] 2007-09-21 (PCT/FR2007/001538)
[87] (WO2008/037877)
[30] FR (06/08489) 2006-09-27

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[25] EN

[54] **METHOD AND DEVICE FOR MEASURING LIQUID ABSORPTION**

[54] **PROCEDE ET DISPOSITIF DE MESURE D'ABSORPTION DE LIQUIDE**

[72] BOSTROEM, BERNT, SE

[72] BACKLUND, ULF, SE

[73] FIBRO SYSTEM AB, SE

[85] 2009-03-10

[86] 2007-09-12 (PCT/SE2007/000793)

[87] (WO2008/033074)

[30] SE (0601908-7) 2006-09-15

[11] **2,663,326**
[13] C

[51] **Int.Cl. B29C 47/02 (2006.01) B21C 23/24 (2006.01)**

[25] EN

[54] **METHOD FOR THE PRODUCTION OF A CYLINDRICAL, STRAND-SHAPED PART**

[54] **PROCEDE DE FABRICATION D'UNE PIECE CYLINDRIQUE EN FORME DE BOUDIN**

[72] FREERMANN, REINHOLD, DE

[72] WINTERSTEIN, RALF, DE

[72] RIESSELMANN, FRANZ-JOSEF, DE

[73] UPONOR INNOVATION AB, SE

[85] 2009-03-18

[86] 2007-08-31 (PCT/EP2007/059099)

[87] (WO2008/028866)

[30] EP (06018394.4) 2006-09-02

[11] **2,663,917**
[13] C

[51] **Int.Cl. G06Q 50/02 (2012.01) A01B 79/00 (2006.01) A01C 21/00 (2006.01) A01M 99/00 (2006.01)**

[25] EN

[54] **VARIABLE ZONE CROP-SPECIFIC INPUTS PRESCRIPTION METHOD AND SYSTEMS THEREFOR**

[54] **INTRANTS VARIABLES CIBLES PROPRES A UN TYPE DE CULTURE, METHODE DE PRESCRIPTION ET SYSTEMES CONNEXES**

[72] SCHMALTZ, TASHA, CA

[72] MELNITCHOUK, ALEX, CA

[73] DECISIVE FARMING CORP., CA

[86] (2663917)

[87] (2663917)

[22] 2009-04-22

[11] **2,663,941**
[13] C

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/00 (2006.01) A61K 9/28 (2006.01) A61K 9/48 (2006.01)**

[25] EN

[54] **STABILIZED SOLID FORMS AND METHOD FOR THE PRODUCTION THEREOF**

[54] **FORMES SOLIDES STABILISEES ET PROCEDE POUR LA PRODUCTION DE CELLES-CI**

[72] GRUBER, PETER, DE

[72] SPICKERMANN, DIRK, DE

[73] LOSAN PHARMA GMBH, DE

[85] 2009-03-19

[86] 2007-09-14 (PCT/EP2007/008006)

[87] (WO2008/037359)

[30] EP (06020008.6) 2006-09-25

[11] **2,664,388**
[13] C

[51] **Int.Cl. G08G 1/017 (2006.01) G08G 1/04 (2006.01) H04N 7/18 (2006.01) H05B 33/00 (2006.01)**

[25] EN

[54] **MICRO-DIFFRACTIVE SURVEILLANCE ILLUMINATOR**

[54] **ILLUMINATEUR DE SURVEILLANCE MICRO-DIFFRACTIF**

[72] MAYER, TONY, CA

[72] VERNON, MARK, GB

[73] MAYER, TONY, CA

[73] VERNON, MARK, ZZ

[85] 2009-03-25

[86] 2006-09-25 (PCT/CA2006/001570)

[87] (WO2008/037049)

[11] **2,664,553**
[13] C

[51] **Int.Cl. B65D 25/22 (2006.01) B65D 23/10 (2006.01) B65D 25/28 (2006.01) B65D 77/00 (2006.01)**

[25] EN

[54] **ERGONOMIC PLASTIC CONTAINER AND PACKAGE SYSTEM**

[54] **RECIPIENT EN PLASTIQUE ERGONOMIQUE ET SYSTEME D'EMBALLAGE**

[72] DYGERT, DOUGLAS M., US

[72] GAMBER, DANIEL W., US

[72] KUCHAR, EUGENE E., US

[72] PRICE, GARY W., US

[73] RING CONTAINER TECHNOLOGIES, US

[85] 2009-03-25

[86] 2007-09-24 (PCT/US2007/079279)

[87] (WO2008/039713)

[30] US (11/525,866) 2006-09-25

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[11] **2,664,609**
[13] C

[51] **Int.Cl. C09D 5/36 (2006.01) B05D 7/00 (2006.01) C09D 7/12 (2006.01)**

[25] EN

[54] **PAINT FILMS WHICH HAVE EXCELLENT HEAT-RADIATING PROPERTIES, AND A METHOD FOR THEIR FORMATION**

[54] **FILMS DE PEINTURE DOTES D'EXCELLENTE PROPRIETES DE RAYONNEMENT THERMIQUE, ET PROCEDES POUR LEUR FORMATION**

[72] YAGI, SHINJI, JP

[72] YAMAMOTO, TOSHIO, JP

[73] BASF COATINGS GMBH, DE

[85] 2009-03-25

[86] 2007-10-10 (PCT/IB2007/003103)

[87] (WO2008/056214)

[30] JP (2006-303110) 2006-11-08

[11] **2,665,020**
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01) H04M 3/42 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR CREATING SERVICE ACCOUNTS AND CONFIGURING DEVICES**

[54] **SYSTEME, APPAREIL ET PROCEDE PERMETTANT DE CREER DES COMPTES DE SERVICE ET DE CONFIGURER DES DISPOSITIFS DESTINES A ETRE UTILISES AVEC CEUX-CI**

[72] EROLA, ESA, FI

[72] WARSTA, VILLE, FI

[73] NOKIA CORPORATION, FI

[85] 2009-03-31

[86] 2007-10-24 (PCT/IB2007/054311)

[87] (WO2008/050296)

[30] US (11/585,780) 2006-10-24

[11] **2,665,572**
[13] C

[51] **Int.Cl. A61K 6/00 (2006.01) A61K 6/083 (2006.01) C07F 9/09 (2006.01) C08F 30/02 (2006.01)**

[25] EN

[54] **SELF ETCHING SELF PRIMING AQUEOUS DENTAL ADHESIVE COMPOSITION**

[54] **COMPOSITION DENTAIRE ADHESIVE AQUEUSE AUTO-APPRETANTE A AUTO-MORDENCAGE**

[72] KLEE, JOACHIM E., DE

[72] LEHMANN, UWE, DE

[73] DENTSPLY DETREY GMBH, DE

[85] 2009-04-06

[86] 2007-10-09 (PCT/EP2007/008764)

[87] (WO2008/043518)

[30] EP (06021540.7) 2006-10-13

[11] **2,664,622**
[13] C

[51] **Int.Cl. E21B 33/06 (2006.01)**

[25] EN

[54] **REINFORCEMENT OF IRREGULAR PRESSURE VESSELS**

[54] **RENFORCEMENT DE VAISSEAUX A PRESSION IRREGULIERE**

[72] HUFF, PHILIP A., US

[72] KHANDOKER, SHAFIQ, US

[73] HYDRIL USA MANUFACTURING LLC, US

[85] 2009-03-26

[86] 2007-09-25 (PCT/US2007/079461)

[87] (WO2008/039801)

[30] US (11/528,873) 2006-09-28

[11] **2,665,211**
[13] C

[51] **Int.Cl. B29C 47/92 (2006.01) B27N 3/28 (2006.01) G06F 3/0488 (2013.01)**

[25] EN

[54] **PULLER SPEED CONTROL DEVICE FOR MONITORING THE DIMENSIONS OF AN EXTRUDED SYNTHETIC WOOD COMPOSITION**

[54] **DISPOSITIF DE COMMANDE DE VITESSE DE TIREUSE POUR SURVEILLER LES DIMENSIONS D'UNE COMPOSITION DE BOIS SYNTHETIQUE EXTRUDEE**

[72] DOSTAL, DAVID F., US

[73] STRANDEX CORPORATION, US

[85] 2009-04-01

[86] 2007-10-12 (PCT/US2007/081201)

[87] (WO2008/048878)

[30] US (60/852,363) 2006-10-16

[11] **2,665,660**
[13] C

[51] **Int.Cl. H05B 37/02 (2006.01) G08C 17/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS TO FACILITATE AUTOMATED CONTROL OF LOCAL LIGHTING AT A REMOTE CONTROL**

[54] **METHODE ET APPAREILLAGE FACILITANT LA TELECOMMANDE AUTOMATISEE DE L'ECLAIRAGE LOCAL**

[72] NASSIMI, SHARY, US

[73] THE CHAMBERLAIN GROUP, INC., US

[86] (2665660)

[87] (2665660)

[22] 2009-05-08

[30] US (12/119,918) 2008-05-13

[11] **2,664,827**
[13] C

[51] **Int.Cl. F24J 2/07 (2006.01)**

[25] EN

[54] **RESIDENTIAL SOLAR THERMAL POWER PLANT**

[54] **CENTRALE SOLAIRE THERMODYNAMIQUE RESIDENTIELLE**

[72] BENNETT, CHARLES, US

[73] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US

[85] 2009-03-27

[86] 2007-09-28 (PCT/US2007/020902)

[87] (WO2009/041947)

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[11] **2,666,614**
[13] C

[51] **Int.Cl. B64D 29/06 (2006.01) B64D 15/12 (2006.01) B64D 29/08 (2006.01) F02K 1/72 (2006.01)**

[25] FR

[54] **SIDE-OPENING JET ENGINE NACELLE**

[54] **NACELLE POUR TURBOREACTEUR A OUVERTURE LATERALE**

[72] VAUCHEL, GUY BERNARD, FR

[72] CAZUC, XAVIER, FR

[73] AIRCELLE, FR

[85] 2009-04-16

[86] 2007-09-14 (PCT/FR2007/001494)

[87] (WO2008/053087)

[30] FR (FR 0609540) 2006-10-31

[11] **2,666,653**
[13] C

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 25/08 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01)**

[25] EN

[54] **POLYMORPH B OF N-{2-FLUORO-5-[3-(THIOPHENE-2-CARBONYL)-PYRAZOLO[1,5-A] PYRIMIDIN-7-YL]-PHENYL}-N-METHYL-ACETAMIDE**

[54] **POLYMORPHE B DE N-{2-FLUORO-5-[3-(THIOPHENE-2-CARBONYL)-PYRAZOLO[1,5-A] PYRIMIDIN-7-YL]-PHENYL}-N-METHYL-ACETAMIDE**

[72] ANGLADA, LUIS, ES

[72] PALOMER, ALBERT, ES

[72] GUGLIETTA, ANTONIO, ES

[73] FERRER INTERNACIONAL, S.A., ES

[85] 2009-03-27

[86] 2007-10-10 (PCT/EP2007/060797)

[87] (WO2008/043800)

[30] EP (06122138.8) 2006-10-11

[30] US (60/850,743) 2006-10-11

[11] **2,666,762**
[13] C

[51] **Int.Cl. C07D 233/64 (2006.01) A61K 31/4178 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **AMINOMETHYL-4-IMIDAZOLES**

[54] **AMINOMETHYL-4-IMIDAZOLES**

[72] GALLEY, GUIDO, DE

[72] GOERGLER, ANNICK, FR

[72] GROEBKE ZBINDEN, KATRIN, CH

[72] NORCROSS, ROGER, CH

[72] STALDER, HENRI, CH

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

[85] 2009-04-17

[86] 2007-10-09 (PCT/EP2007/060666)

[87] (WO2008/046757)

[30] EP (06122586.8) 2006-10-19

[11] **2,667,632**
[13] C

[51] **Int.Cl. B23Q 1/28 (2006.01) F16D 63/00 (2006.01) F16D 65/14 (2006.01)**

[25] EN

[54] **MOTION CONTROL APPARATUS**

[54] **APPAREIL DE CONTROLE DE MOUVEMENT**

[72] HEIN, DAVE, US

[72] HAACK, JEFF, US

[72] WEISS, KEVIN, US

[72] HERMES, JEFF, US

[72] LEHTO, AARON, US

[72] HENK, MIKE, US

[73] NEXEN GROUP, INC., US

[85] 2009-04-24

[86] 2007-10-26 (PCT/US2007/082664)

[87] (WO2008/055066)

[30] US (60/863,274) 2006-10-27

[11] **2,667,728**
[13] C

[51] **Int.Cl. B64D 37/34 (2006.01)**

[25] EN

[54] **WATER SCAVENGING SYSTEM**

[54] **SYSTEME DE RECUPERATION DE L'EAU**

[72] MINTY, ANDREW, GB

[72] MILES, BARRY, GB

[73] AIRBUS OPERATIONS LIMITED, GB

[85] 2009-04-27

[86] 2007-11-12 (PCT/GB2007/050685)

[87] (WO2008/059287)

[30] GB (0622565.0) 2006-11-13

[11] **2,667,790**
[13] C

[51] **Int.Cl. A01N 1/00 (2006.01) G01N 1/30 (2006.01)**

[25] EN

[54] **TISSUE PRESERVATION AND FIXATION METHOD**

[54] **PROCEDE DE CONSERVATION ET DE FIXATION DE TISSUS**

[72] LIOTTA, LANCE A., US

[72] PETRICOIN, EMANUEL F., US

[72] GEHO, DAVID, US

[72] ESPINA, VIRGINIA A., US

[73] GEORGE MASON INTELLECTUAL PROPERTIES, INC., US

[85] 2009-04-28

[86] 2007-10-26 (PCT/US2007/022744)

[87] (WO2008/073187)

[30] US (60/855,120) 2006-10-30

[30] US (60/861,086) 2006-11-27

[11] **2,667,855**
[13] C

[51] **Int.Cl. C07C 233/22 (2006.01) C07C 217/16 (2006.01) C07C 217/18 (2006.01) C07C 233/16 (2006.01)**

[25] EN

[54] **NAPHTHALENYLOXYPROPENYL DERIVATIVES HAVING INHIBITORY ACTIVITY AGAINST HISTONE DEACETYLASE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**

[54] **DERIVES DE NAPHTHALENYLOXYPROPENYL E AYANT UNE ACTIVITE INHIBITRICE ENVERS L'HISTONE DESACETYLASE ET UNE COMPOSITION PHARMACEUTIQUE CONTENANT CEUX-CI**

[72] LEE, CHEOL HAE, KR

[72] JUNG, HEE JUNG, KR

[72] KIM, JAE HAK, KR

[72] JEONG, WON JANG, KR

[72] CHO, JOONG MYUNG, KR

[72] RO, SEONG GU, KR

[72] HYUN, YOUNG LAN, KR

[72] LEE, CHEOL SOON, KR

[73] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR

[73] CRYSTALGENOMICS, INC., KR

[85] 2009-04-28

[86] 2007-11-01 (PCT/KR2007/005491)

[87] (WO2008/054154)

[30] KR (10-2006-0108182) 2006-11-03

[30] KR (10-2006-0108228) 2006-11-03

[30] KR (10-2006-0108230) 2006-11-03

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[25] EN
[54] **FUEL CELL HEAT EXCHANGE SYSTEM WITH BURNER ARRANGEMENT**
[54] **SYSTEME D'ECHANGE DE CHALEUR DE PILE A COMBUSTIBLE AVEC ENSEMBLE BRULEUR**
[72] DEVRIENDT, JAMES, GB
[72] MORGAN, ROBERT, GB
[72] BARNARD, PAUL, GB
[72] LEAH, ROBERT, GB
[73] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
[85] 2009-04-30
[86] 2007-10-31 (PCT/GB2007/004156)
[87] (WO2008/053213)
[30] GB (0621784.8) 2006-11-01
[30] US (60/869,715) 2006-12-12
[30] GB (0711108.1) 2007-06-08
[30] US (60/943,508) 2007-06-12

[11] **2,668,680**
[13] C

[51] **Int.Cl. G01S 7/523 (2006.01) G01S 7/524 (2006.01) G01S 15/88 (2006.01)**
[25] EN
[54] **TRANSDUCER ARRAY ARRANGEMENT AND OPERATION FOR SODAR APPLICATIONS**
[54] **AGENCEMENT DE RESEAU DE TRANSDUCTEURS ET FONCTIONNEMENT POUR LES APPLICATIONS DE SODAR**
[72] LAWWHITE, NIELS, US
[72] MANFREDI, LOUIS, US
[72] SASS, WALTER L., US
[73] SECOND WIND SYSTEMS, INC., US
[85] 2009-05-05
[86] 2007-11-06 (PCT/US2007/083690)
[87] (WO2008/108894)
[30] US (60/864,429) 2006-11-06
[30] US (60/941,302) 2007-06-01
[30] US (11/934,915) 2007-11-05

[11] **2,669,379**
[13] C

[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO DRIVE MECHANISMS SUITABLE FOR USE IN DRUG DELIVERY DEVICES**
[54] **AMELIORATIONS APORTEES ET ASSOCIEES A DES MECANISMES D'ENTRAINEMENT A UTILISER DANS DES DISPOSITIFS DE DISTRIBUTION DE MEDICAMENT**
[72] BOYD, MALCOM, IE
[72] LETHAM, RICHARD, GB
[72] PLUMPTRE, DAVID, GB
[72] VEASEY, ROBERT, GB
[72] MAY, JAMES, GB
[72] JONES, MATTHEW, GB
[72] GHAZAROS, SAMUEL LIEWHELIN, GB
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2009-05-13
[86] 2007-11-08 (PCT/EP2007/009676)
[87] (WO2008/058668)
[30] EP (06023951.4) 2006-11-17

[11] **2,669,804**
[13] C

[51] **Int.Cl. A47K 3/06 (2006.01)**
[25] EN
[54] **A COLLAPSIBLE BATHTUB**
[54] **BAIGNOIRE PLIANTE**
[72] BARBA, KIM, DK
[72] ESTRUP, NIELS PETER, DK
[73] STOKKE AS, NO
[85] 2009-05-07
[86] 2007-11-07 (PCT/DK2007/000484)
[87] (WO2008/055500)
[30] DK (PA 2006 01445) 2006-11-07

[11] **2,669,893**
[13] C

[51] **Int.Cl. C07D 317/20 (2006.01) A23K 1/16 (2006.01) C07C 319/20 (2006.01) C07C 323/52 (2006.01) C07C 323/60 (2006.01) C07D 319/06 (2006.01) C07D 321/08 (2006.01)**
[25] EN
[54] **KETOMETHIONINE KETALS AND THEIR DERIVATIVES**
[54] **CETOMETHIONINE CETALS ET LEUR DERIVES**
[72] KOBLER, CHRISTOPH, DE
[72] HATELEY, MARTIN, DE
[72] ROTH, PHILIPP, DE
[72] JAEGER, BARBARA, DE
[72] PETER, RAINER, DE
[72] WECKBECKER, CHRISTOPH, DE
[72] HUTHMACHER, KLAUS, DE
[73] EVONIK DEGUSSA GMBH, DE
[85] 2009-05-15
[86] 2007-11-06 (PCT/EP2007/061908)
[87] (WO2008/061871)
[30] DE (102006055470.1) 2006-11-24

[11] **2,670,690**
[13] C

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/433 (2006.01) A61K 31/5415 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION IN THE FORM OF COATED MICROSPHERES FOR THE MODIFIED RELEASE OF A MUSCLE RELAXANT AND AN NSAID**
[54] **COMPOSITION PHARMACEUTIQUE SOUS FORME DE MICROSPHERES ENROBEES POUR LA LIBERATION MODIFIEE D'UN MYORELAXANT ET D'UN AINS**
[72] GARCIA-SALGADO LOPEZ, ENRIQUE RAUL, MX
[72] ARZOLA PANIAGUA, ANGELICA, MX
[72] POOT LOPEZ, LUIS FERNANDO, MX
[72] ESCORCIA RODRIGUEZ, FRANCISCO, MX
[72] BARRANCO HERNANDEZ, GUSTAVO, MX
[73] LABORATORIOS SENOSIAIN S.A. DE C.V., MX
[85] 2009-05-26
[86] 2007-10-16 (PCT/IB2007/003083)
[87] (WO2008/047208)
[30] MX (PA/A/2006/012024) 2006-10-18

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[11] **2,671,841**
[13] C

[51] **Int.Cl. G01V 3/08 (2006.01) G01V 3/165 (2006.01)**

[25] EN

[54] **METHOD FOR COMBINED TRANSIENT AND FREQUENCY DOMAIN ELECTROMAGNETIC MEASUREMENTS**

[54] **PROCEDE DE MESURE ELECTROMAGNETIQUE COMBINEE DE TRANSITOIRES ET DE DOMAINE DE FREQUENCE**

[72] STRACK, KURT M., US

[73] KJT ENTERPRISES, INC., US

[85] 2009-06-08

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[87] (WO2008/033737)

[30] US (11/519,721) 2006-09-12

[11] **2,672,678**
[13] C

[51] **Int.Cl. B60R 3/02 (2006.01) B62D 25/22 (2006.01)**

[25] EN

[54] **POWER RETRACTABLE ROCKER BOARD**

[54] **PANNEAU CULBUTEUR MECANIQUEMENT RETRACTABLE**

[72] WATSON, BRADLEY EUGENE, CA

[73] MAGNA INTERNATIONAL INC., CA

[85] 2009-06-15

[86] 2007-12-13 (PCT/CA2007/002290)

[87] (WO2008/071003)

[30] US (60/874,762) 2006-12-13

[11] **2,672,688**
[13] C

[51] **Int.Cl. A61F 5/56 (2006.01) F04D 17/00 (2006.01) F04D 19/00 (2006.01) F04D 23/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR OPENING AN AIRWAY**

[54] **DISPOSITIF ET METHODE D'OUVERTURE DES VOIES AERIENNES**

[72] AARESTAD, JEROME, US

[72] ROSE, RICHARD, US

[72] NELSON, JOHN, US

[72] PALMER, DONNA, US

[73] 5I SCIENCES, INC., US

[85] 2009-06-15

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[11] **2,673,310**
[13] C

[51] **Int.Cl. C12N 15/81 (2006.01) C07K 14/39 (2006.01) C12P 7/06 (2006.01)**

[25] EN

[54] **NOVEL SPECIFIC ARABINOSE TRANSPORTER FROM THE YEAST PICHIA STIPITIS AND USES THEREOF**

[54] **NOUVEAU TRANSPORTEUR D'ARABINOSE SPECIFIQUE ISSU DE LA LEVURE PICHIA STIPITIS ET SES UTILISATIONS**

[72] BOLES, ECKHARD, DE

[72] KELLER, MARCO, DE

[73] BUTALCO GMBH, CH

[85] 2009-06-19

[86] 2007-12-07 (PCT/EP2007/010668)

[87] (WO2008/080505)

[30] DE (10 2006 060 381.8) 2006-12-20

[11] **2,674,563**
[13] C

[51] **Int.Cl. C12N 15/861 (2006.01) A61K 38/17 (2006.01) A61K 48/00 (2006.01) A61P 9/00 (2006.01) C07K 14/745 (2006.01)**

[25] EN

[54] **EX VIVO AND IN VIVO EXPRESSION OF THE THROMBOMODULIN GENE FOR THE TREATMENT OF CARDIOVASCULAR AND PERIPHERAL VASCULAR DISEASES**

[54] **EXPRESSION EX VIVO ET IN VIVO DU GENE THROMBOMODULINE POUR LE TRAITEMENT DE MALADIES CARDIOVASCULAIRES ET VASCULAIRES PERIPHERIQUES**

[72] SEHGAL, LAKSHMAN R., US

[72] WONG, JONATHAN, US

[73] BIOVEC, LLC, US

[85] 2009-07-06

[86] 2007-03-14 (PCT/US2007/006371)

[87] (WO2008/088358)

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[11] **2,675,847**
[13] C

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 25/28 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **PEGYLATED A.BETA. FAB**

[54] **A.BETA. PEGYLE-FAB**

[72] BALES, KELLY RENEE, US

[72] BUMOL, THOMAS FRANK, US

[72] CHOW, CHI-KIN, US

[72] DEMATTOS, RONALD BRADLEY, US

[72] HANSEN, RYAN JOHN, US

[72] KUCHIBHOTLA, UMA, US

[72] LU, JIRONG, US

[72] MCDONNELL, PETER COLON, US

[73] ELI LILLY AND COMPANY, US

[85] 2009-07-17

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[87] (WO2008/088983)

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[11] **2,676,959**
[13] C

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[25] EN

[54] **ON-LINE PAYMENT TRANSACTIONS**

[54] **TRANSACTIONS DE PAIEMENT EN LIGNE**

[72] DIERKS, TIMOTHY, US

[73] GOOGLE INC., US

[85] 2009-07-29

[86] 2008-01-29 (PCT/US2008/052327)

[87] (WO2008/115620)

[30] US (60/887,108) 2007-01-29

[11] **2,677,252**
[13] C

[51] **Int.Cl. F16L 55/136 (2006.01) E21B 33/12 (2006.01)**

[25] FR

[54] **MANDREL AND ASSOCIATED POSITIONING METHOD**

[54] **MANDRIN ET PROCEDE DE MISE EN PLACE ASSOCIE**

[72] MILLET, FRANCOIS, FR

[72] FOUCHER, PIERRE-ARNAUD, FR

[72] HELDERLE, PAUL, FR

[73] GEOSERVICES EQUIPEMENTS, FR

[85] 2009-08-03

[86] 2008-02-04 (PCT/FR2008/050175)

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[13] C

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[25] EN

[54] **UNMANNED VEHICLE FOR DISPLACING DUNG**

[54] **VEHICULE SANS CONDUCTEUR DESTINE AU DEPLACEMENT DE DEJECTIONS ANIMALES**

[72] VAN DEN BERG, KAREL, NL

[73] MAASLAND N.V., NL

[85] 2009-08-13

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[87] (WO2008/118006)

[30] NL (1033591) 2007-03-26

[11] **2,679,367**
[13] C

[51] **Int.Cl. B23C 3/28 (2006.01) B23B 27/14 (2006.01) B23C 3/30 (2006.01) B23C 5/08 (2006.01)**

[25] EN

[54] **SLOTING CUTTER AND INSERTS FOR SAME**

[54] **FRAISE A RAINURER, ET INSERT POUR CELLE-CI**

[72] HUGHES, DONALD R., US

[73] GREENLEAF TECHNOLOGY CORPORATION, US

[85] 2009-08-25

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[30] US (60/891,642) 2007-02-26

[11] **2,679,407**
[13] C

[51] **Int.Cl. H04N 21/2665 (2011.01) H04N 21/236 (2011.01) H04N 21/2389 (2011.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **METHOD, APPARATUS AND SYSTEM FOR COORDINATED CONTENT DISTRIBUTION WORKFLOW**

[54] **PROCEDE, APPAREIL ET SYSTEME POUR UN FLUX DE TRAVAIL DE DISTRIBUTION DE CONTENU COORDONNE**

[72] TEVELEV, ALEX, US

[72] SHATIL, OMER YOSEF, US

[73] THOMSON LICENSING, FR

[85] 2009-08-28

[86] 2007-03-08 (PCT/US2007/005752)

[87] (WO2008/108759)

[11] **2,679,978**
[13] C

[51] **Int.Cl. H04L 1/18 (2006.01) H04L 12/801 (2013.01) H04L 29/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR GENERATING AND PROCESSING A MAC-EHS PROTOCOL DATA UNIT**

[54] **PROCEDE ET APPAREIL DE GENERATION ET DE TRAITEMENT D'UNE UNITE DE DONNEES DE PROTOCOLE MAC-EHS**

[72] PANI, DIANA, CA

[72] CAVE, CHRISTOPHER R., CA

[72] MARINIER, PAUL, CA

[72] TERRY, STEPHEN E., US

[73] INTERDIGITAL TECHNOLOGY CORPORATION, US

[85] 2009-09-03

[86] 2008-03-07 (PCT/US2008/003016)

[87] (WO2008/112137)

[30] US (60/893,577) 2007-03-07

[11] **2,680,903**
[13] C

[25] EN

[54] **SYSTEM AND METHOD FOR CONTROL OF MULTIPLE BARRIER OPERATORS**

[54] **SYSTEME ET METHODE DE CONTROLE DE DISPOSITIF DE COMMANDE DE BARRIERES**

[72] LAIRD, EDWARD THOMAS, US

[73] THE CHAMBERLAIN GROUP, INC., US

[86] (2680903)

[87] (2680903)

[22] 2009-09-28

[30] US (12/246,966) 2008-10-07

[11] **2,681,670**
[13] C

[51] **Int.Cl. B32B 15/09 (2006.01) A61J 1/03 (2006.01) B32B 7/10 (2006.01) B32B 27/36 (2006.01) B65D 75/36 (2006.01) B65D 83/04 (2006.01)**

[25] EN

[54] **PEELABLE CHILD RESISTANT PHARMACEUTICAL BLISTER LIDSTOCK**

[54] **MATERIAU D'OPERCULAGE DE BLISTER PHARMACEUTIQUE PELABLE RESISTANT AUX ENFANTS**

[72] STEVENSON, JAMES, US

[73] REYNOLDS PACKAGING LLC, US

[85] 2009-09-21

[86] 2007-03-21 (PCT/US2007/064525)

[87] (WO2007/109728)

[30] US (60/784,818) 2006-03-21

[30] US (11/688,803) 2007-03-20

[11] **2,683,527**
[13] C

[51] **Int.Cl. A23K 1/18 (2006.01) A23K 1/17 (2006.01) A61P 33/04 (2006.01)**

[25] EN

[54] **FEED OR PHARMACEUTICAL COMPOSITION COMPRISING APRAMYCIN OR AN ADEQUATE SALT THEREOF**

[54] **ALIMENT OU COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'APRAMYCINE OU UN SEL ADEQUAT DE CELLE-CI**

[72] DE GUSSEM, JEROEN, BE

[73] POULPHARM B.V.B.A., BE

[85] 2009-10-08

[86] 2007-04-19 (PCT/EP2007/053861)

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[51] **Int.Cl. B67D 1/12 (2006.01) D06F 31/00 (2006.01) D06F 33/02 (2006.01) D06F 39/08 (2006.01) G05B 11/00 (2006.01)**

[25] EN

[54] **APPLIANCE CONTROLLER SYSTEM FEATURING AUTOMATIC BEVERAGE DISPENSER SHUTOFF SYSTEM**

[54] **SYSTEME DE COMMANDE D'APPAREIL ELECTROMENAGER COMPORTANT UN SYSTEME D'ARRET DE DISTRIBUTEUR DE BOISSONS AUTOMATIQUE**

[72] PHILLIPS, DAVID L., US

[72] MCDONOUGH, WILLIAM B., US

[72] GANDHI, NIKHIL JITENDRA, US

[72] AGUIRRE, RODOLFO, US

[73] XYLEM IP HOLDINGS LLC, US

[85] 2009-10-09

[86] 2008-04-11 (PCT/US2008/060039)

[87] (WO2008/130874)

[30] US (60/923,958) 2007-04-16

[30] US (12/057,961) 2008-03-28

[11] **2,684,928**
[13] C

[51] **Int.Cl. A01H 5/00 (2006.01) A01H 1/00 (2006.01) C12N 15/09 (2006.01)**

[25] EN

[54] **A METHOD FOR PRODUCTION OF MOTH ORCHID HAVING MODIFIED FLOWER COLOR**

[54] **UNE METHODE DE PRODUCTION D'UNE ORCHIDEE PAPILLON DE NUIT DONT LA COULEUR DE LA FLEUR EST MODIFIEE**

[72] ARAKI, SATOSHI, JP

[72] SUZUKI, TAKANORI, JP

[72] KATAYAMA, KOUICHI, JP

[73] ISHIHARA SANGYO KAISHA, LTD., JP

[85] 2009-10-22

[86] 2008-04-25 (PCT/JP2008/058126)

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[30] JP (2007-116396) 2007-04-26

[11] **2,686,534**
[13] C

[51] **Int.Cl. G06F 3/044 (2006.01) H03K 17/98 (2006.01)**

[25] EN

[54] **ELECTRONIC CARD HAVING CONTROL MEANS**

[54] **CARTE ELECTRONIQUE AVEC DISPOSITIF DE COMMANDE**

[72] HAMM, ALAIN, CH

[72] GROSJACQUES, EMILE, CH

[72] VIGE, FABRIZIO, CH

[72] FABRIZIO, JEROME, CH

[73] EM MICROELECTRONIC-MARIN S.A., CH

[86] (2686534)

[87] (2686534)

[22] 2009-11-27

[30] EP (08020862.2) 2008-12-02

[11] **2,686,841**
[13] C

[51] **Int.Cl. B25J 19/00 (2006.01) B25J 17/02 (2006.01) F16L 27/08 (2006.01)**

[25] EN

[54] **SWIVEL JOINT**

[54] **JOINT ARTICULE**

[72] SENDAI, TOMOKAZU, JP

[72] KAMADA, YASUSHI, JP

[72] KOBAYASHI, HISANORI, JP

[73] NITTA CORPORATION, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2009-11-06

[86] 2008-05-14 (PCT/JP2008/058803)

[87] (WO2008/143073)

[30] JP (2007-129464) 2007-05-15

[11] **2,687,067**
[13] C

[51] **Int.Cl. B25J 9/04 (2006.01) B25J 9/10 (2006.01)**

[25] EN

[54] **ROBOTIC MANIPULATOR USING ROTARY DRIVES**

[54] **MANIPULATEUR DE ROBOT UTILISANT DES ENTRAINEMENTS ROTATIFS**

[72] SOMES, STEVEN D., US

[73] SOMES, STEVEN D., US

[85] 2009-11-09

[86] 2008-05-08 (PCT/US2008/063061)

[87] (WO2008/141089)

[30] US (60/917,079) 2007-05-10

[11] **2,687,285**
[13] C

[51] **Int.Cl. F41A 5/20 (2006.01) F41C 3/00 (2006.01)**

[25] EN

[54] **AUTOMATIC PISTOL**

[54] **PISTOLET AUTOMATIQUE**

[72] KAMINSKY, VICTOR ANATOLEVICH, RU

[73] MESSRS. HANS WRAGE & CO. GMBH, DE

[85] 2009-11-10

[86] 2008-04-24 (PCT/RU2008/000262)

[87] (WO2008/140352)

[30] RU (2007119128) 2007-05-11

[11] **2,689,861**
[13] C

[51] **Int.Cl. H04W 28/26 (2009.01) H04W 52/54 (2009.01) H04B 1/707 (2011.01)**

[25] EN

[54] **TRANSMITTAL OF HEARTBEAT SIGNAL AT A LOWER LEVEL THAN HEARTBEAT REQUEST**

[54] **TRANSMISSION DE SIGNAL DE PULSATION A UN NIVEAU INFERIEUR A CELUI D'UNE DEMANDE DE SIGNAL DE PULSATION**

[72] PROCTOR, JAMES A., JR., US

[73] INTEL CORPORATION, US

[86] (2689861)

[87] (2689861)

[22] 2002-06-13

[62] 2,450,680

[30] US (60/297,925) 2001-06-13

[30] US (09/997,621) 2001-11-29

[30] US (60/378,697) 2002-05-07

[30] US (10/171,080) 2002-06-12

[11] **2,690,217**
[13] C

[51] **Int.Cl. B01D 29/41 (2006.01) B01D 35/26 (2006.01)**

[25] EN

[54] **FLUID FILTER DEVICE WITH STACKED PLATES AND IMPELLERS**

[54] **DISPOSITIF DE FILTRATION DE FLUIDE AVEC PLAQUES EMPILEES ET ROTORS**

[72] RASMUSSEN, CHRISTIAN, DK

[73] GRUNDFOS MANAGEMENT A/S, DK

[85] 2009-12-08

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[51] **Int.Cl. C08G 59/00 (2006.01) C08G 59/68 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **CATALYST FOR CURING EPOXIDES**
[54] **CATALYSEUR POUR LE DURCISSEMENT D'EPOXYDES**
[72] DEGEN, GEORG, DE
[72] MAASE, MATTHIAS, US
[72] WITTENBECHER, LARS, DE
[72] DOERING, MANFRED, DE
[72] ARNOLD, ULRICH, DE
[73] BASF SE, DE
[85] 2009-12-02
[86] 2008-06-06 (PCT/EP2008/057117)
[87] (WO2008/152003)
[30] EP (07109980.8) 2007-06-11

[11] **2,692,027**
[13] C

[51] **Int.Cl. E21B 44/02 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING A ROCK DRILL RIG**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'UNE INSTALLATION DE FORAGE DE ROCHE**
[72] LEU, MARCUS, SE
[72] OLSSON, MAGNUS, SE
[72] SINNERSTAD, JONAS, SE
[72] JIAO, DEYI, US
[72] CHENG, EUGENE, US
[73] ATLAS COPCO DRILLING SOLUTIONS LLC, US
[73] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2009-12-24
[86] 2007-06-26 (PCT/US2007/014781)
[87] (WO2009/002306)

[11] **2,693,574**
[13] C

[51] **Int.Cl. G01K 7/10 (2006.01) G01K 7/02 (2006.01)**
[25] EN
[54] **THERMOCOUPLE EXTENSION WIRE**
[54] **FIL D'EXTENSION DE THERMOCOUPLE**
[72] CONTI, RICHARD F., US
[73] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE
[85] 2010-01-08
[86] 2008-10-22 (PCT/IB2008/002816)
[87] (WO2009/053815)
[30] US (60/982,292) 2007-10-24

[11] **2,693,722**
[13] C

[51] **Int.Cl. G05G 25/00 (2006.01) B25G 1/01 (2006.01) B62D 1/00 (2006.01) E01C 19/22 (2006.01) F16F 1/376 (2006.01) F16F 1/38 (2006.01) F16F 15/04 (2006.01) G05G 1/00 (2006.01)**
[25] EN
[54] **VIBRATION REDUCING GRIP AND CONNECTOR**
[54] **CONNECTEUR ET POIGNEE A REDUCTION DE VIBRATIONS**
[72] ROUILLARD, BENOIT, CA
[73] 2544-9455 QUEBEC INC., CA
[86] (2693722)
[87] (2693722)
[22] 2010-02-19
[30] US (61/154,469) 2009-02-23

[11] **2,693,776**
[13] C

[51] **Int.Cl. A62B 25/00 (2006.01)**
[25] EN
[54] **STOWAGE BOX FOR BREATHING MASK**
[54] **BOITIER DE RANGEMENT POUR MASQUE FILTRANT**
[72] BACHELARD, LEOPOLDINE, FR
[72] GERARD, PHILIPPE, FR
[73] ZODIAC AEROTECHNICS, FR
[85] 2010-01-08
[86] 2007-07-10 (PCT/IB2007/053438)
[87] (WO2009/007794)

[11] **2,693,988**
[13] C

[51] **Int.Cl. G06T 9/00 (2006.01)**
[25] EN
[54] **OPTIMIZATION OF IMAGE ENCODING USING PERCEPTUAL WEIGHTING**
[54] **OPTIMISATION DU CODAGE D'IMAGES A L'AIDE D'UNE PONDERATION PERCEPTIVE**
[72] FURBECK, DAVID STUART, US
[73] BLACKBERRY LIMITED, CA
[86] (2693988)
[87] (2693988)
[22] 2010-02-22
[30] EP (09153912.2) 2009-02-27

[11] **2,695,303**
[13] C

[51] **Int.Cl. E01B 29/24 (2006.01) E01B 29/32 (2006.01)**
[25] EN
[54] **RAILROAD TIE PLATE APPARATUS AND METHOD**
[54] **APPAREILLAGE ET METHODE APPLICABLES AUX SELLES DES RAILS DE VOIES FERREES**
[72] HELMICK, STONEY L., US
[73] H & H RAILROAD CONTRACTING, INC., US
[86] (2695303)
[87] (2695303)
[22] 2010-03-03
[30] US (12/416,565) 2009-04-01
[30] US (61/157,364) 2009-03-04

[11] **2,699,695**
[13] C

[51] **Int.Cl. G06F 3/042 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **DETECTING AMBIENT LIGHT LEVELS IN A VISION SYSTEM**
[54] **DETECTION DE NIVEAUX DE LUMIERE AMBIANTE DANS UN SYSTEME DE VISION**
[72] MASALKAR, PRAFULLA, US
[73] MICROSOFT CORPORATION, US
[85] 2010-03-15
[86] 2008-10-22 (PCT/US2008/080779)
[87] (WO2009/055464)
[30] US (11/924,633) 2007-10-26

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[11] **2,704,119**
[13] C

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[25] EN

[54] **HUMANIZED ANTI-VENEZUELAN EQUINE ENCEPHALITIS VIRUS RECOMBINANT ANTIBODIES**

[54] **ANTICORPS HUMANISES DE RECOMBINAISON CONTRE LE VIRUS DE L'ENCEPHALITE EQUINE DU VENEZUELA**

[72] HU, WEI-GANG, CA

[72] NAGATA, LESLIE P., CA

[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA

[85] 2010-04-29

[86] 2008-11-03 (PCT/CA2008/001940)

[87] (WO2009/055936)

[30] CA (2,607,771) 2007-11-01

[11] **2,705,527**
[13] C

[51] **Int.Cl. B22D 41/18 (2006.01)**

[25] EN

[54] **STOPPER ROD**

[54] **QUENOUILLE**

[72] NITZL, GERALD, DE

[72] ROGERS, NORMAN EDWARD, GB

[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT

[85] 2010-05-11

[86] 2008-11-12 (PCT/GB2008/003795)

[87] (WO2009/066052)

[30] EP (07254572.6) 2007-11-24

[11] **2,709,567**
[13] C

[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/103 (2006.01)**

[25] EN

[54] **IMPLANT ABUTMENT CLIPS**

[54] **AGRAFES D'ANCRAGE POUR IMPLANT DENTAIRE**

[72] SCHAFFRAN, ALLAN, CA

[72] WONG, ANDY DOUG-LUN, CA

[72] DICKIE, ROBERT G., CA

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[54] **METHODE DE TRANSPORT DE CHARGES A MASSE CONCENTREE PAR CONTENEUR**

[72] EDWARDS, ROBERT A., CA

[73] CAREGO INNOVATIVE SOLUTIONS INC., CA

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[54] **POLARIZED LENS AND METHOD OF MAKING POLARIZED LENS**

[54] **VERRE POLARISE ET PROCEDE DE FABRICATION DE VERRE POLARISE**

[72] HSU, WEN-YI, US

[73] EYE OJO CORP., US

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[54] **WIND ENERGY PLANT HAVING CONVERTER CONTROL**

[54] **EOLIENNE A REGULATION DU CONVERTISSEUR**

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[73] SENVION SE, DE

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[54] **METHOD AND APPARATUS FOR A LEAKAGE ENERGY RECOVERY CIRCUIT**

[54] **PROCEDE ET APPAREIL POUR UN CIRCUIT DE RECUPERATION D'ENERGIE DE FUITE**

[72] FORNAGE, MARTIN, US

[73] ENPHASE ENERGY, INC., US

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[54] **SYNCHRONISATION DE METADONNEES**

[72] KOCSIS, CHARLES F., US

[72] BERGSTROM, PAMELA V., US

[72] VAN PELT, BRIAN, US

[72] TURLAPATI, SRINIVAS, US

[73] HARRIS CORPORATION, US

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[54] **MANAGEMENT OF ACCESS TO ENTRY POINTS ON A COMMUNICATION DEVICE**

[54] **GESTION DE L'ACCES AUX POINTS D'ENTREE D'UN APPAREIL DE COMMUNICATION**

[72] DOUDKIN, KATERINA, US

[72] MOTOV, YEVGENIY, US

[73] BLACKBERRY LIMITED, CA

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THERAPY MATERIAL, BANDAGE
AND CLOTHING PIECE**
[54] **MATERIAU, BANDAGE ET PIECE
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OVERWRITING OF SEMI-
PERSISTENT ALLOCATION IN
AN UPLINK**
[54] **ECRASMENT DYNAMIQUE DE
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[72] CAI, ZHIJUN, US
[72] WOMACK, JAMES EARL, US
[72] YU, YI, US
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[54] **OPTICAL LEVEL
MEASUREMENT DEVICE AND
METHOD**
[54] **DISPOSITIF ET PROCEDE DE
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[72] MIMEAULT, YVAN, CA
[72] PERREAULT, LOUIS, CA
[73] LEDDARTECH INC., CA
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[54] **DYNAMIC FREQUENCY SCALING
OF A SWITCHED MODE POWER
SUPPLY**
[54] **MISE A L'ECHELLE DYNAMIQUE
DE LA FREQUENCE D'UNE
ALIMENTATION A DECOUPAGE
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[72] SAHA, JUHI, US
[72] SHEN, CHING CHANG, US
[72] PALS, TIMOTHY PAUL, US
[72] LAU, SOON-SENG, US
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COMPRESSOR VALVE**
[54] **DISPOSITIF PROGRAMMABLE
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[72] BRUN, KLAUS, US
[72] CONVERSE, MERLE, US
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[54] **IMPROVED FCC REACTOR AND
RISER DESIGN FOR SHORT
CONTACT-TIME CATALYTIC
CRACKING OF HYDROCARBONS**
[54] **CONCEPTION PERFECTIONNEE
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[54] **SYSTEM, PROGRAM PRODUCT,
AND RELATED METHODS FOR
GLOBAL TARGETING OF
PROCESS UTILITIES UNDER
VARYING CONDITIONS**
[54] **SYSTEME, PRODUIT DE
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APPARENTES POUR LE CIBLAGE
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[72] NOURELDIN, MAHMOUD BAHY,
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[54] **PROCEDE ET SYSTEME DE
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[54] **GENOME WIDE VISUAL
IDENTIFICATION OF HUMAN
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[54] **IDENTIFICATION VISUELLE SUR
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[72] GENOVESIO, AUGUSTE, KR
[72] WINDISCH, MARC P., DE
[72] KWON, YONG JUN, KR
[72] JUNG, SUNGYONG, KR
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[54] **PROCEDE DE RECHERCHE
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[72] RAGUCCI, ANTHONY J., US
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[54] **COMPOSE AZOLE**
[72] AOKI, SATOSHI, JP
[72] MUNAKATA, RYOSUKE, JP
[72] KAWANO, NORIYUKI, JP
[72] SAMIZU, KIYOHIRO, JP
[72] OKA, HIROMASA, JP
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[73] ASTELLAS PHARMA INC., JP
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[54] **AUTOMATED BANKING MACHINE WITH BEZEL INCLUDING AN OPENING AND A MOVABLE GATE**
[54] **GUICHET AUTOMATIQUE BANCAIRE AVEC ENCADREMENT COMPORTANT UNE OUVERTURE ET UNE BARRIERE MOBILE**
[72] GRAEF, THOMAS H., US
[72] FOCKLER, GREGORY, US
[72] KRAFT, DAVE, US
[72] SCHOEFFLER, DANIEL, US
[72] KANSA, ROBERT, US
[72] KOVACS, DOUGLAS A., US
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[72] WYMER, MARK, US
[72] DOUGLASS, MARK, US
[72] LUTE, RICHARD C., JR, US
[72] BOOTH, JAMES, US
[72] EASTMAN, JEFFREY, US
[72] BESKITT, WILLIAM D., US
[72] JENKINS, RANDALL, US
[72] SZABAT, WALTER J., US
[72] MLEZIVA, ROY, US
[72] GRIGGY, SHAWN, US
[72] WANG, ZEN Y., US
[72] VAISHNAV, DOLAR HARSHADRAI, US
[72] YOUNG, JEFF, US
[72] FELT, DENNIS, US
[72] HOLLIFIELD, DAVID, US
[72] MAGEE, PAUL D., US
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[72] BARNETT, ROBERT W., US
[72] TUROCY, KENNETH, US
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[72] BAUER, THEODORE, US
[73] DIEBOLD, INCORPORATED, US
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[54] **CASH DISPENSING AUTOMATED BANKING MACHINE WITH ADJUSTABLE FASCIA BEZEL**
[54] **DISTRIBUTEUR DE BILLETS DE BANQUE AUTOMATISE AVEC ENCADREMENT DE COQUE AJUSTABLE**
[72] GRAEF, THOMAS H., US
[72] FOCKLER, GREGORY, US
[72] KRAFT, DAVE, US
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[72] SZABAT, WALTER J., US
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[54] **PLUG WITH COLLET AND DETACHABLE GUIDEWIRE ELEMENT FOR POSITIONING VASCULAR CLOSURE DEVICES AND METHODS FOR USE**
[54] **BOUCHON A MANDRIN ET ELEMENT DE TYPE GUIDE FIL DETACHABLE PERMETTANT LE POSITIONNEMENT DE DISPOSITIFS D'OBTURATION VASCULAIRE ET SES PROCEDES D'UTILISATION**
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[73] ENSURE MEDICAL, INC., US
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[54] **SYSTEM AND METHOD FOR EXCHANGING CRYPTOGRAPHIC PROTOCOL CAPABILITIES**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ECHANGER LES CAPACITES EN MATIERE DE PROTOCOLE CRYPTOGRAPHIQUE**
[72] ADAMS, NEIL PATRICK, CA
[72] BROWN, MICHAEL STEPHEN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2735610)
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[13] C

[51] **Int.Cl. A23L 1/31 (2006.01) A23L 1/314 (2006.01) A23L 1/315 (2006.01) A23L 1/317 (2006.01)**
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[54] **COMPOSITION D'HUILE POUR LA PREPARATION DE PRODUITS ALIMENTAIRES CONTENANT DE L'HUILE**
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[73] CRETA FARM SOCIETE ANONYME INDUSTRIAL AND COMMERCIAL, GR
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[13] C

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[25] EN
[54] **TECHNIQUE FOR SIMULTANEOUSLY TRANSMITTING WIDE AND NARROW OPTICAL BEACON SIGNALS**
[54] **TECHNIQUE POUR L'EMISSION SIMULTANEE DE SIGNAUX OPTIQUES DE BALISAGE A LARGE BANDE ET A BANDE ETROITE**
[72] CUNNINGHAM, JAMES A., US
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[30] DE (10 2008 062 731.3) 2008-12-18

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[13] C

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[54] **CONVERTISSEUR DE PUISSANCE**
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[54] **ENHANCED THERMAL CONDUCTIVITY MATERIAL IN ANNULAR GAP BETWEEN ELECTRICAL MOTOR STATOR AND HOUSING**
[54] **MATERIAU A CONDUCTIVITE THERMIQUE AMELIOREE DANS UN ESPACE ANNULAIRE ENTRE LE STATOR ET LE CARTER D'UN MOTEUR ELECTRIQUE**
[72] TETZLAFF, STEVEN K., US
[72] SHETH, KETAN K., US
[72] KNAPP, JOHN M., US
[72] BROOKBANK, EARL B., US
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[54] **UTILISATION DE LA DIVERSITE DES TECHNOLOGIES D'ACCES RADIO POUR LA LOCALISATION**
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[72] ANDERSON, ROBERT J., US
[73] TRUEPOSITION, INC., US
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[25] EN
[54] **METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION**
[54] **PROCEDES ET DISPOSITIFS DE FILIGRANAGE AUDIO ET DE DETECTION ET D'EXTRACTION DE FILIGRANES**
[72] SRINIVASAN, VENUGOPAL, US
[72] TOPCHY, ALEXANDER PAVLOVICH, US
[73] THE NIELSEN COMPANY (U.S.), LLC, US
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[72] DERICH, ZACKERY E., US
[72] KNOX, AHERN P., US
[72] TERRY, CRYSTIAN, GB
[72] TSAO, JAMIE, US
[73] IGT, US
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[25] EN
[54] **DEVICE AND METHOD FOR FREQUENCY SCANNING USING TWO RADIOS**
[54] **DISPOSITIF ET PROCEDE DE BALAYAGE DE FREQUENCES A L'AIDE DE DEUX RADIOS**
[72] CHU, YUECHUN, US
[72] GOLDBERG, KEITH J., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2011-07-26
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[54] **METHOD OF AND APPARATUS FOR WINDING STRIP, IN PARTICULAR METAL STRIP**
[54] **PROCEDE ET APPAREIL POUR ENROULER UNE BANDE, NOTAMMENT UNE BANDE METALLIQUE**
[72] ROESE, HEINRICH, DE
[72] ZIELENBACH, MICHAEL, DE
[73] SMS SIEMAG AG, DE
[85] 2011-07-27
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[30] DE (10 2009 006 761.2) 2009-01-30
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[25] EN
[54] **APPARATUS AND METHOD FOR PACKING CONCENTRATED MASS LOADS FOR TRANSPORT BY CONTAINER, BOX TRUCK AND VAN TRAILER**
[54] **APPAREIL ET PROCÉDE D'EMBALLAGE DE CHARGES A MASSE CONCENTREE POUR TRANSPORT PAR CONTENEUR, CAMION LOURD ET SEMI-REMORQUE FOURGON**
[72] EDWARDS, ROBERT A., CA
[73] CAREGO INNOVATIVE SOLUTIONS INC., CA
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[54] **PILL CRUSHER DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCÉDE DE BROYAGE DE PILULES**
[72] ANDERSON, SEAN D., US
[73] FIRST WAVE PRODUCTS GROUP, LLC, US
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[11] **2,752,493**
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[54] **SELF-ALIGNING COVER SPRING FOR A CONCEALED SPRINKLER**
[54] **RESSORT DE CAPOT A AUTO-ALIGNEMENT POUR PULVERISATEUR DISSIMULE**
[72] REKENY, MICHAEL, US
[73] THE VIKING CORPORATION, US
[85] 2011-08-12
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[25] EN
[54] **SYSTEM AND METHOD OF SIGNING A MESSAGE**
[54] **SYSTEME ET PROCÉDE DE SIGNATURE D'UN MESSAGE**
[72] ADAMS, NEIL PATRICK, CA
[72] SINGH, RAVI, CA
[72] VATS, NIKHIL, CA
[72] SHERKIN, ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2753779)
[87] (2753779)
[22] 2011-09-28
[30] US (61/417,541) 2010-11-29

[11] **2,753,819**
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[25] EN
[54] **THERMALLY DECOUPLED BEARING ARRANGEMENT**
[54] **AGENCEMENT DE PALIER DECOUPLE THERMIQUEMENT**
[72] PFEIL, DIETER, DE
[72] SCHERER, HANS-GEORG, DE
[72] RAUH, GISELA, DE
[73] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE
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[25] EN
[54] **A METHOD OF DESIGNING AND MANUFACTURING A SWAGE TYPE FASTENER WITH OPTIMIZED LOCK GROOVES AND CRESTS**
[54] **METHODE DE CONCEPTION ET DE FABRICATION D'UN ELEMENT DE FIXATION MATRICE A SILLONS CIRCULAIRES ET CRETES OTIMISES**
[72] HARBIN, THOMAS E., US
[72] WANG, HAI-TAO, US
[72] MARCH, MICHAEL U., US
[73] HUCK INTERNATIONAL, INC., US
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[13] C

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[25] EN
[54] **FIXING HOOK FOR CHARGING OF ELECTRIC DEVICES**
[54] **CROCHET DE FIXATION POUR CHARGER DES APPAREILS ELECTRIQUES**
[72] MICHAELI, BEN, US
[72] KOWALSKI, BOB, US
[72] MORRIS, QUINTIN, US
[72] PALMER, MARK, US
[72] THELEMAN CARL, US
[73] SYMBOL TECHNOLOGIES, INC., US
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[25] EN

[54] **COMBINATION BOAT AND TRAVEL TRAILER SYSTEM**

[54] **SYSTEME DE REMORQUE COMBINEE POUR EMBARCATIONS ET VOYAGES**

[72] POSTHUMUS, ALBERT, US

[73] POSTHUMUS, ALBERT, US

[86] (2755104)

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[13] C

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[54] **TRAILER LIFTING JACK**

[54] **VERIN DE LEVAGE DE REMORQUE**

[72] FEW, JEFFREY P., US

[73] FEW, JEFFREY P., US

[86] (2759552)

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[11] **2,760,365**
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[25] EN

[54] **RAPID ASSEMBLY AND OPERATION OF AN X-RAY IMAGING SYSTEM**

[54] **MONTAGE RAPIDE ET FONCTIONNEMENT D'UN SYSTEME D'IMAGERIE AUX RAYONS X**

[72] EDWARDS, WILLIAM T., US

[72] SAFAI, MORTEZA, US

[72] GEORGESON, GARY E., US

[72] SHEDLOCK, DANIEL, US

[73] THE BOEING COMPANY, US

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[54] **ECTOPARASITICIDAL METHODS AND FORMULATIONS COMPRISING SPINETORAM**

[54] **PROCEDES ECTOPARASITICIDES ET FORMULATIONS COMPRENANT DU SPINETORAM**

[72] SNYDER, DANIEL EARL, US

[72] WHITE, WILLIAM HUNTER, US

[73] ELI LILLY AND COMPANY, US

[85] 2011-10-28

[86] 2010-05-04 (PCT/US2010/033458)

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[11] **2,764,025**
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[25] EN

[54] **FLOW FORMED DRUM WITH A RETENTION RING AND A SUBSTANTIALLY BURR FREE TOOTH PROFILE**

[54] **TAMBOUR FLUOTOURNE A BAGUE DE RETENUE ET A PROFIL SENSIBLEMENT EXEMPT DE BARBES**

[72] CRIPSEY, TIMOTHY J., US

[72] HERSTON, ROBERT J., US

[73] METAL FORMING AND COINING CORPORATION, US

[86] (2764025)

[87] (2764025)

[22] 2012-01-11

[30] US (61/431,498) 2011-01-11

[11] **2,764,713**
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[51] **Int.Cl. C08L 83/04 (2006.01) C09D 183/04 (2006.01) C09J 5/00 (2006.01) C09J 183/04 (2006.01) F02F 11/00 (2006.01) F16J 15/00 (2006.01)**

[25] FR

[54] **METHOD FOR SEALING AND ASSEMBLING COMPONENTS OF A DRIVE TRAIN**

[54] **PROCEDE D'ETANCHEIFICATION ET D'ASSEMBLAGE DE COMPOSANTS D'UN GROUPE MOTO-PROPULSEUR**

[72] MALIVERNEY, CHRISTIAN, FR

[72] IRELAND, TANIA, FR

[73] BLUESTAR SILICONES FRANCE, FR

[85] 2011-12-06

[86] 2010-06-10 (PCT/FR2010/000421)

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[30] FR (0902847) 2009-06-12

[11] **2,766,539**
[13] C

[51] **Int.Cl. A47K 17/02 (2006.01)**

[25] EN

[54] **BATH FIXTURE MOUNTING SYSTEM**

[54] **SYSTEME DE MONTAGE D'ACCESSOIRE DE BAIGNOIRE**

[72] HOERNIG, VICTOR, US

[73] MASCO CORPORATION OF INDIANA, US

[85] 2011-12-22

[86] 2010-06-02 (PCT/US2010/037007)

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[11] **2,767,797**
[13] C

[51] **Int.Cl. B64C 25/56 (2006.01) B64C 25/58 (2006.01) B64D 45/00 (2006.01)**

[25] EN

[54] **AIRCRAFT OCCUPANT PROTECTION SYSTEM**

[54] **SYSTEME DE PROTECTION DES PASSAGERS D'UN AERONEF**

[72] HILL, ANDREW T., US

[72] SMITH, MICHAEL R., US

[72] LU, ZI, US

[72] THO, CHENG-HO, US

[73] BELL HELICOPTER TEXTRON INC., US

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[13] C

[51] **Int.Cl. F03B 3/12 (2006.01) F03B 11/00 (2006.01) F03B 11/08 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR RESISTING WEAR FROM PARTICLE CONTAINING WATER ON AN IMPELLER**

[54] **PROCEDE ET DISPOSITIF POUR RESISTER A L'USURE A PARTIR D'UNE EAU CONTENANT DES PARTICULES SUR UNE HELICE**

[72] DAHLHAUG, OLE GUNNAR, NO
[73] DYNAVEC AS, NO

[85] 2012-01-12
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[87] (WO2011/008107)
[30] NO (20092682) 2009-07-15

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[13] C

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[25] EN

[54] **MODULAR APPARATUS FOR PRODUCTION TESTING**

[54] **APPAREILLAGE MODULAIRE POUR ESSAIS DE PRODUCTION**

[72] HEIGHINGTON, LARRY JAMES, CA
[73] NABORS CANADA, US

[86] (2768031)
[87] (2768031)
[22] 2007-11-15
[62] 2,610,663

[11] **2,769,094**
[13] C

[51] **Int.Cl. B65H 18/22 (2006.01) B65H 19/22 (2006.01)**

[25] EN

[54] **PROCESS FOR WINDING A WEB MATERIAL**

[54] **PROCEDE POUR ENROULER UN MATERIAU DE FILM**

[72] VAUGHN, JEFFREY MOSS, US
[72] RUSSELL, MATTHEW ALAN, US
[72] LOCKWOOD, FREDERICK EDWARD, US

[73] THE PROCTER & GAMBLE COMPANY, US

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[13] C

[51] **Int.Cl. F25J 3/06 (2006.01) B01D 53/62 (2006.01)**

[25] EN

[54] **AUTO-REFRIGERATED GAS SEPARATION SYSTEM FOR CARBON DIOXIDE CAPTURE AND COMPRESSION**

[54] **SYSTEME DE SEPARATION DE GAZ AUTOREFRIGERE POUR CAPTURE ET COMPRESSION DE DIOXYDE DE CARBONE**

[72] ZANGANEH, KOUROSH, CA
[72] SHAFEEN, AHMED, CA

[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA

[85] 2012-01-31
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[13] C

[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/157 (2006.01)**

[25] EN

[54] **SPARKER-TYPE WELLBORE SEISMIC ENERGY SOURCE HAVING CONTROLLABLE DEPTH-INDEPENDENT FREQUENCY**

[54] **SOURCE D'ENERGIE SISMIQUE DE Puits DE Type Etinceleur Dotee D'une Frequence Independante De La Profondeur Reglable**

[72] RADTKE, ROBERT P., US
[72] STOKES, ROBERT H., US
[72] GLOWKA, DAVID A., US

[73] TECHNOLOGY INTERNATIONAL, INC., US

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[30] US (61/253,264) 2009-10-20

[11] **2,772,912**
[13] C

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 38/00 (2006.01) A61K 47/18 (2006.01) G01N 1/00 (2006.01)**

[25] EN

[54] **STABLE FORMULATION OF FACTOR VIII**

[54] **FORMULATION STABLE DE FACTEUR VIII**

[72] JEZEK, JAN, GB
[72] DERHAM, BARRY KINGSTON, GB
[73] ARECOR LIMITED, GB

[85] 2012-03-01
[86] 2010-09-02 (PCT/GB2010/051441)
[87] (WO2011/027152)
[30] GB (0915480.8) 2009-09-04
[30] US (61/239,934) 2009-09-04

[11] **2,773,480**
[13] C

[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/19 (2006.01) A61M 5/24 (2006.01)**

[25] EN

[54] **BUFFERING AGENT DELIVERY SYSTEM FOR ANESTHETIC SYRINGE**

[54] **SYSTEME D'ADMINISTRATION D'UN AGENT TAMPON POUR SERINGUE RENFERMANT UN ANESTHESIQUE**

[72] FINKE, MELVIN A., US
[73] TYCO HEALTHCARE GROUP LP, CA

[86] (2773480)
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[22] 2012-04-03
[30] US (61/471,913) 2011-04-05

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[13] C

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[25] EN

[54] **METHOD FOR IRON-MAKING WITH FULL OXYGEN AND HYDROGEN-RICH GAS AND EQUIPMENT THEREOF**

[54] **PROCEDE DE FABRICATION DE FER AVEC DU GAZ ENTIEREMENT CONSTITUE D'OXYGENE ET DU GAZ RICHE EN HYDROGENE ET EQUIPEMENT CORRESPONDANT**

[72] QI, YUANHONG, CN
[72] WANG, QINGTAO, CN
[72] YAN, DINGLIU, CN
[72] GUO, PEIMIN, CN
[73] CENTRAL IRON & STEEL RESEARCH INSTITUTE, CN
[73] SHANDONG TIEXIONG METALLURGICAL TECHNOLOGY CO., LTD., CN
[73] SHANDONG COKING GROUP CO., LTD., CN

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[86] 2010-08-30 (PCT/CN2010/076462)
[87] (WO2011/063672)
[30] CN (200910223598.X) 2009-11-24
[30] CN (201010120801.3) 2010-03-10
[30] CN (201010146443.3) 2010-04-14

[11] **2,775,098**
[13] C

[51] **Int.Cl. C10G 75/00 (2006.01) C23F 15/00 (2006.01)**

[25] EN

[54] **PROCESS TO MITIGATE THE CORROSION OF OILS/FATS**

[54] **PROCEDE POUR ATTENUER LA CORROSION D'HUILES/GRAISSES**

[72] YAO, JIANHUA, US
[72] PANJALA, DEVADAS, US
[72] SUGHRUE, EDWARD L., II, US
[72] VETTERS, ERIC W., US
[72] RANDOLPH, BRUCE, US
[73] PHILLIPS 66 COMPANY, US

[85] 2012-03-22
[86] 2010-11-05 (PCT/US2010/055680)
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[30] US (61/263,104) 2009-11-20
[30] US (12/939,808) 2010-11-04

[11] **2,775,740**
[13] C

[51] **Int.Cl. E21B 10/32 (2006.01) E21B 7/28 (2006.01)**

[25] EN

[54] **TOOLS FOR USE IN DRILLING OR ENLARGING WELL BORES HAVING EXPANDABLE STRUCTURES AND METHODS OF MAKING AND USING SUCH TOOLS**

[54] **OUTILS DE FORAGE ET D'ELARGISSEMENT DE TROUS DE FORAGE A STRUCTURES EXTENSIBLES ET PROCEDES D'ELABORATION ET D'UTILISATION DE TELS OUTILS**

[72] RADFORD, STEVEN R., US
[73] BAKER HUGHES INCORPORATED, US

[85] 2012-03-28
[86] 2010-09-30 (PCT/US2010/050917)
[87] (WO2011/041553)
[30] US (61/247,112) 2009-09-30

[11] **2,776,575**
[13] C

[51] **Int.Cl. E21B 10/28 (2006.01)**

[25] EN

[54] **HOLE OPENER WITH HYBRID REAMING SECTION**

[54] **ELARGISSEUR A SECTION D'ALESAGE HYBRIDE**

[72] BUSKE, ROBERT J., US
[72] PESSIER, RUDOLF C., US
[73] BAKER HUGHES INCORPORATED, US

[85] 2012-04-03
[86] 2010-09-30 (PCT/US2010/051020)
[87] (WO2011/043988)
[30] US (12/574,560) 2009-10-06

[11] **2,776,627**
[13] C

[51] **Int.Cl. E21B 21/06 (2006.01) E21B 43/00 (2006.01)**

[25] EN

[54] **METHOD FOR HYDROCARBON REMOVAL AND RECOVERY FROM DRILL CUTTINGS**

[54] **PROCEDE DE SEPARATION ET DE RECUPERATION D'HYDROCARBURES A PARTIR DE DEBLAIS DE FORAGE**

[72] NEWMAN, PAUL, CA
[72] KAPILA, MUKESH, US
[72] MARKANOVIC, ZORAN, CA
[73] M-I L.L.C., US

[85] 2012-04-03
[86] 2010-10-06 (PCT/US2010/051665)
[87] (WO2011/044260)
[30] US (61/249,134) 2009-10-06

[11] **2,776,639**
[13] C

[51] **Int.Cl. E21B 10/28 (2006.01)**

[25] EN

[54] **HOLE OPENER WITH HYBRID REAMING SECTION**

[54] **ELARGISSEUR A SECTION D'ALESAGE HYBRIDE**

[72] BUSKE, ROBERT J., US
[72] PESSIER, RUDOLF C., US
[73] BAKER HUGHES INCORPORATED, US

[85] 2012-04-03
[86] 2010-09-30 (PCT/US2010/051014)
[87] (WO2011/043985)
[30] US (12/574,513) 2009-10-06

[11] **2,776,692**
[13] C

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 8/04 (2006.01) A61K 8/36 (2006.01) A61K 8/42 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2006.01)**

[25] EN

[54] **PENETRATING PHARMACEUTICAL FOAM**

[54] **MOUSSE PHARMACEUTIQUE DE PENETRATION**

[72] TAMARKIN, DOV, IL
[72] FRIEDMAN, DORON, IL
[72] EINI, MEIR, IL
[73] FOAMIX LTD., IL

[86] (2776692)
[87] (2776692)
[22] 2004-08-20
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[30] US (60/497,648) 2003-08-25

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[25] EN
[54] **METHOD AND APPARATUS FOR QUENCHING OF MATERIALS IN VACUUM FURNACE**
[54] **METHODE ET APPAREIL DE REFROIDISSEMENT RAPIDE DES MATIERES DANS UN FOUR A VIDE**
[72] ZURECKI, ZBIGNIEW, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2776747)
[87] (2776747)
[22] 2012-05-15
[30] US (61/486,812) 2011-05-17
[30] US (13/466,404) 2012-05-08

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[54] **FLAME RESISTANT TEXTILE**
[54] **TEXTILE IGNIFUGE**
[72] CLIVER, JAMES D., US
[72] GREER, JAMES TRAVIS, US
[72] STURCKEN, CANDACE W., US
[72] CAUDELL, SAMUEL M., US
[72] LI, SHULONG, US
[73] MILLIKEN & COMPANY, US
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[25] EN
[54] **INFLATOR APPARATUS, SYSTEM AND METHOD FOR UTILIZING THE SAME**
[54] **APPAREIL GONFLEUR, SYSTEME ET PROCEDE D'UTILISATION DE CE DISPOSITIF**
[72] REECE, ROBERT, US
[72] DONNAY, JOHN, US
[72] LARSON, DAVID HENRY, US
[72] ZOLLER, PATRICK W., US
[72] LAWSON, LAWRENCE J., US
[73] ANDROID INDUSTRIES LLC, US
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[25] EN
[54] **MOBILE COMMUNICATION METHOD AND MOBILE STATION**
[54] **PROCEDE DE COMMUNICATION MOBILE ET STATION MOBILE**
[72] NISHIDA, KATSUTOSHI, JP
[73] NTT DOCOMO, INC., JP
[85] 2012-05-01
[86] 2010-11-05 (PCT/JP2010/069736)
[87] (WO2011/055797)
[30] JP (2009-255588) 2009-11-06

[11] **2,780,654**
[13] C

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[25] EN
[54] **DOOR FRAME ASSEMBLY AND METHOD**
[54] **ENSEMBLE ET PROCEDE D'ASSEMBLAGE DE CADRE DE PORTIERE**
[72] BOZZO, TRENT, US
[72] KUSUMOTO, KOZO, US
[72] KITAYAMA, KENICHI, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2012-05-10
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[54] **FLUOROIMMUNOASSAY METHOD**
[54] **PROCEDE DE DOSAGE FLUOROIMMUNOLOGIQUE**
[72] UEDA, HIROSHI, JP
[72] ABE, RYOJI, JP
[72] IHARA, MASAKI, JP
[72] TAKAGI, HIROAKI, JP
[73] USHIO DENKI KABUSHIKI KAISHA, JP
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[13] C

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[25] EN
[54] **DEMULTIPLEXING DEVICE, MULTIPLEXING DEVICE, AND RELAY DEVICE**
[54] **DISPOSITIF DE DEMULTIPLEXAGE, DISPOSITIF DE MULTIPLEXAGE ET DISPOSITIF DE RELAI**
[72] FUJIMURA, AKINORI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2012-05-30
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[54] **PRODUCTION OF HYDROCARBON FROM HIGH FREE FATTY ACID CONTAINING FEEDSTOCKS**
[54] **PRODUCTION D'HYDROCARBURE A PARTIR DE CHARGES D'ALIMENTATION AYANT UNE TENEUR ELEVEE EN ACIDES GRAS LIBRES**
[72] KOTHANDARAMAN, GEETHA, US
[72] UPPILI, SUNDARARAJAN, US
[72] YAO, JIANHUA, US
[73] PHILLIPS 66 COMPANY, US
[85] 2012-05-30
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[13] C

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[25] EN
[54] **SQUEEZE JUICER FOR EXTRACTING JUICE**
[54] **CENTRIFUGEUSE POUR EXTRACTION DE JUS**
[72] WANG, XUNING, CN
[72] WU, YANHUA, CN
[72] CHEN, LONG, CN
[73] JOYOUNG COMPANY LIMITED, CN
[85] 2012-06-04
[86] 2010-06-23 (PCT/CN2010/074328)
[87] (WO2011/050619)
[30] CN (200910229375.4) 2009-10-29

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[13] C

[51] **Int.Cl. A61F 5/445 (2006.01) A61F 5/448 (2006.01)**
[25] EN
[54] **OSTOMY APPLIANCE WITH INTEGRATED BELT TABS**
[54] **APPAREIL D'OSTOMIE AVEC LANGUETTES DE COURROIE INTEGREES**
[72] FRISKE, TIMOTHY A., US
[73] HOLLISTER INCORPORATED, US
[86] (2783362)
[87] (2783362)
[22] 2012-07-23
[30] US (61/514,536) 2011-08-03
[30] US (13/553,357) 2012-07-19

[11] **2,783,596**
[13] C

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[25] FR
[54] **IMPLEMENTATION PROCESS FOR A SUPPORTED TASK AND SET OF FORMS FOR ITS IMPLEMENTATION**
[54] **PROCEDE DE REALISATION D'UN OUVRAGE SOUTENU ET ENSEMBLE DE COFFRAGES POUR SA MISE EN OEUVRE**
[72] BRUGAUD, YVES, FR
[73] CONSEIL SERVICE INVESTISSEMENTS, FR
[86] (2783596)
[87] (2783596)
[22] 2012-07-19
[30] FR (11 56593) 2011-07-20

[11] **2,785,888**
[13] C

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[25] EN
[54] **MULTILAYERED POLYETHYLENE MATERIAL AND BALLISTIC RESISTANT ARTICLES MANUFACTURED THEREFROM**
[54] **MATERIAU MULTICOUCHE A BASE DE POLYETHYLENE ET ARTICLES ANTI-PROJECTILES FABRIQUES A PARTIR DUDIT MATERIAU**
[72] FUCHS, YUVAL, IL
[72] GEVAM, SHALOM, IL
[73] DSM IP ASSETS BV, NL
[86] (2785888)
[87] (2785888)
[22] 2005-08-15
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[30] US (60/601,645) 2004-08-16
[30] US (60/626,206) 2004-11-08

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[13] C

[51] **Int.Cl. B32B 3/06 (2006.01) B32B 3/12 (2006.01) E04D 1/36 (2006.01)**
[25] EN
[54] **APPARATUS FOR ATTACHING A MEMBER TO A CORE-STIFFENED STRUCTURE AND A COMBINATION THEREOF**
[54] **APPAREIL DE FIXATION D'UN ELEMENT A UNE STRUCTURE A AME RENFORCEE ASSOCIATION DE CEUX-CI**
[72] MAY, CARL A., US
[72] HETHCOCK, JAMES D., US
[72] MCCULLOUGH, JOHN R., US
[72] COX, RONALD K., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2012-07-17
[86] 2011-02-02 (PCT/US2011/023455)
[87] (WO2011/097283)
[30] US (61/301,692) 2010-02-05

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[13] C

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[25] EN
[54] **OVERLABEL WRAPPER FOR ABSORBENT ARTICLES**
[54] **ENVELOPPE PORTANT UNE ETIQUETTE SUPPLEMENTAIRE DESTINEE A DES ARTICLES ABSORBANTS**
[72] TOMS, DOUGLAS, US
[72] BASHAM, JEREMY ROBERT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-07-12
[86] 2011-01-25 (PCT/US2011/022388)
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[30] US (12/695,582) 2010-01-28

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[13] C

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[25] EN
[54] **APPARATUS FOR ATTACHING A MEMBER TO A CORE-STIFFENED STRUCTURE AND A COMBINATION THEREOF**
[54] **APPAREIL DE FIXATION D'UN ELEMENT A UNE STRUCTURE A AME RENFORCEE ASSOCIATION DE CEUX-CI**
[72] MAY, CARL A., US
[72] HETHCOCK, JAMES D., US
[72] MCCULLOUGH, JOHN R., US
[72] COX, RONALD K., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2012-07-17
[86] 2011-02-02 (PCT/US2011/023455)
[87] (WO2011/097283)
[30] US (61/301,692) 2010-02-05

[11] **2,787,981**
[13] C

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[25] EN
[54] **APPARATUS AND METHOD FOR DISTRIBUTING FLUID**
[54] **APPAREIL ET PROCEDE DE DISTRIBUTION DE FLUIDE**
[72] KOBELT, JACOB, CA
[73] KOBELT, JACOB, CA
[85] 2012-07-24
[86] 2010-01-25 (PCT/CA2010/000119)
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[25] EN

[54] **ANALOG CIRCUITRY TO CONCEAL ACTIVITY OF LOGIC CIRCUITRY**

[54] **CIRCUIT ANALOGIQUE POUR DISSIMULER L'ACTIVITE D'UN CIRCUIT LOGIQUE**

[72] GUNNAM, KIRAN K., US
[72] FULLER, JAY S., US
[73] CERTICOM CORP., CA
[86] (2788474)
[87] (2788474)
[22] 2012-09-04
[30] US (13/283,456) 2011-10-27

[11] **2,789,955**
[13] C

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[25] EN

[54] **CLEANING APPARATUS AND METHOD FOR A MATERIAL DRYER**

[54] **APPAREIL ET PROCEDE DE NETTOYAGE POUR SECHEUR A MATERIAUX**

[72] GUILLORY, RICHARD, US
[72] DAVID, KYLE, US
[72] GARBER, JAKE, US
[72] DOMAN, AARON, US
[72] LAGASCA, MICHAEL, US
[72] KENNERSON, DWAYNE, US
[72] ARDOIN, CHAD, US
[72] PREJEAN, DUSTIN, US
[73] M-I L.L.C., US
[85] 2012-08-13
[86] 2011-02-24 (PCT/US2011/026059)
[87] (WO2011/106514)
[30] US (61/308,166) 2010-02-25

[11] **2,790,244**
[13] C

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[54] **PIPE ALIGNING TOOL**

[54] **OUTIL D'ALIGNEMENT DE TUYAU**

[72] BENDER, QUINN, CA
[73] 1729655 ALBERTA LTD., CA
[86] (2790244)
[87] (2790244)
[22] 2012-09-07
[30] US (61/537,252) 2011-09-21

[11] **2,791,166**
[13] C

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[25] EN

[54] **PYRAZOLOPYRIMIDINE COMPOUNDS AND THEIR USE AS PDE10 INHIBITORS**

[54] **COMPOSES PYRAZOLOPYRIMIDINES ET LEUR UTILISATION COMME INHIBITEUR DE LA PDE10**

[72] KAWANISHI, EIJI, JP
[72] HONGU, MITSUYA, JP
[72] TANAKA, YOSHIHITO, JP
[73] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2012-08-24
[86] 2011-02-25 (PCT/JP2011/054997)
[87] (WO2011/105628)
[30] US (61/308,706) 2010-02-26

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[13] C

[51] **Int.Cl. B62D 53/04 (2006.01) B60P 3/00 (2006.01)**

[25] EN

[54] **A DOUBLE ARTICULATED HAULAGE TRUCK**

[54] **CAMION DE ROULAGE A DOUBLE ARTICULATION**

[72] MCFARLANE, SCOTT, AU
[72] COOPER, JAMES W., AU
[73] POWER PATENTS PTY LTD, AU
[85] 2012-08-29
[86] 2011-04-13 (PCT/AU2011/000419)
[87] (WO2011/127526)
[30] AU (2010901555) 2010-04-13

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[13] C

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[54] **CONSUMABLES AND METHODS OF PRODUCTION THEREOF**

[54] **PRODUITS DE CONSOMMATION ET LEURS PROCEDES DE PRODUCTION**

[72] CLARKE, PETER, GB
[72] MARSHALL, SARAH, GB
[72] NORTON, CLIVE RICHARD THOMAS, GB
[73] CADBURY UK LIMITED, GB
[85] 2012-08-29
[86] 2011-03-23 (PCT/GB2011/050593)
[87] (WO2011/117640)
[30] US (61/316,449) 2010-03-23
[30] GB (1004898.1) 2010-03-23

[11] **2,792,808**
[13] C

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[25] EN

[54] **NOZZLE-TIP INSULATOR DEFINING COAXIAL, CONCENTRIC VOID FORMATION**

[54] **ISOLANT A BEC DE BUSE DEFINISSANT UNE FORMATION A VIDES CONCENTRIQUES COAXIAUX**

[72] HAMMOND, GREGORY RAY, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2012-09-11
[86] 2011-03-29 (PCT/CA2011/050160)
[87] (WO2011/127596)
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[25] EN
[54] **MICROWIRES, METHODS FOR THEIR PRODUCTION, AND PRODUCTS MADE USING THEM**
[54] **MICROFILS, PROCEDES DE FABRICATION, ET PRODUITS FABRIQUES EN LES UTILISANT**
[72] PERERA, WILLORAGE RATHNA, US
[72] MAURETTI, GERALD J., US
[73] PASCALE INDUSTRIES, INC., US
[86] (2792876)
[87] (2792876)
[22] 2007-11-29
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[30] US (60/861,951) 2006-12-01
[30] US (11/976,196) 2007-10-22

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[13] C

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[25] EN
[54] **DOWNHOLE TOOL AND METHOD**
[54] **OUTIL ET METHODE DE FOND DE FORAGE**
[72] LINKLATER, JAMES, GB
[72] TELFER, GEORGE, GB
[73] M-I DRILLING FLUIDS U.K. LIMITED, GB
[85] 2012-09-14
[86] 2011-03-15 (PCT/GB2011/050506)
[87] (WO2011/117606)
[30] GB (1005033.4) 2010-03-25

[11] **2,793,499**
[13] C

[51] **Int.Cl. B01F 17/42 (2006.01) C09K 8/584 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **GUERBET ALCOHOL ALKOXYLATE SURFACTANTS AND THEIR USE IN ENHANCED OIL RECOVERY APPLICATIONS**
[54] **TENSIOACTIFS ALCOXYLATE D'ALCOOL DE GUERBET ET LEUR UTILISATION DANS LE CADRE D'APPLICATIONS DE RECUPERATION D'HUILE AMELIOREES**
[72] WEERASOORIYA, UPALI P., US
[72] POPE, GARY A., US
[72] BITTNER, CHRISTIAN, DE
[72] OETTER, GUNTER, DE
[72] TINSLEY, JACK F., DE
[72] SPINDLER, CHRISTIAN, DE
[72] JURGENSON, GABRIELA ALVAREZ, DE
[72] VOGEL, SOPHIE, DE
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[73] BASF SE, DE
[85] 2012-09-13
[86] 2011-04-12 (PCT/US2011/032166)
[87] (WO2011/130310)
[30] US (61/325,015) 2010-04-16
[30] US (13/085,248) 2011-04-12

[11] **2,793,575**
[13] C

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[25] EN
[54] **BEARING ARRANGEMENT HAVING AT LEAST TWO PARTS ROTATABLE RELATIVE TO ONE ANOTHER**
[54] **ENSEMBLE PALIER COMPRENANT AU MOINS DEUX PARTIES POUVANT TOURNER L'UNE PAR RAPPORT A L'AUTRE**
[72] LEISEDER, ULRICH, DE
[73] LEISEDER, ULRICH, DE
[85] 2012-09-18
[86] 2011-03-26 (PCT/EP2011/054662)
[87] (WO2011/117412)
[30] DE (20 2010 000 480.2) 2010-03-26

[11] **2,794,247**
[13] C

[51] **Int.Cl. C21C 5/46 (2006.01) F23D 14/00 (2006.01) F27D 3/16 (2006.01)**
[25] EN
[54] **DEVICE FOR INJECTING GAS INTO A METALLURGICAL VESSEL**
[54] **DISPOSITIF D'INSUFFLATION DE GAZ DANS UN RECIPIENT METALLURGIQUE**
[72] ODENTHAL, HANS-JUERGEN, DE
[72] SCHLUETER, JOCHEN, DE
[72] OLIVIER, HERBERT, DE
[73] SMS SIEMAG AG, DE
[85] 2012-09-24
[86] 2011-03-28 (PCT/EP2011/054759)
[87] (WO2011/120937)
[30] DE (10 2010 013 769.3) 2010-03-31
[30] DE (10 2010 047 969.1) 2010-10-08

[11] **2,794,265**
[13] C

[51] **Int.Cl. F16L 55/00 (2006.01) F16L 1/06 (2006.01) G01B 3/04 (2006.01)**
[25] EN
[54] **PLUMBING PATH GUIDE APPARATUS**
[54] **APPAREIL DE GUIDAGE LE LONG DES CIRCUITS DE PLOMBERIE**
[72] CARRELL, DANIEL KEVIN, US
[73] CARRELL, DANIEL KEVIN, US
[86] (2794265)
[87] (2794265)
[22] 2012-10-19
[30] US (13/449,659) 2012-04-18

[11] **2,794,538**
[13] C

[51] **Int.Cl. E21B 44/02 (2006.01)**
[25] EN
[54] **WORK STRING CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DE TRAIN DE TIGES DE TRAVAIL**
[72] BORGSTADT, JUSTIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2794538)
[87] (2794538)
[22] 2009-06-11
[62] 2,728,172
[30] US (12/140,191) 2008-06-16

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[13] C

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[25] EN
[54] **APPARATUS FOR RELEASING A DRY CHEMISTRY INTO A LIQUID STERILIZATION SYSTEM**
[54] **APPAREIL POUR LA LIBERATION D'UN PRODUIT CHIMIQUE SEC DANS UN SYSTEME DE STERILISATION DE LIQUIDE**

[72] FRANCISKOVICH, PHILLIP P., US
[72] ROSENHAMER, DONALD G., US
[73] AMERICAN STERILIZER COMPANY, US

[85] 2012-09-26
[86] 2011-03-24 (PCT/US2011/029737)
[87] (WO2011/123319)
[30] US (61/319,475) 2010-03-31
[30] US (13/053,721) 2011-03-22

[11] **2,795,650**
[13] C

[51] **Int.Cl. E06B 3/66 (2006.01)**
[25] EN
[54] **GLAZING ANCHORAGE SYSTEM**
[54] **SYSTEME D'ANCRAGE DE VITRAGE**

[72] ELMER, WARREN, CA
[73] GLASTECH GLAZING CONTRACTORS LTD., CA

[86] (2795650)
[87] (2795650)
[22] 2012-11-09
[30] US (61/557,743) 2011-11-09

[11] **2,795,722**
[13] C

[51] **Int.Cl. B27F 7/13 (2006.01)**
[25] EN
[54] **FASTENER FEEDER DELAY FOR FASTENER DRIVING TOOL**
[54] **RETARD DE CHARGEUR D'ATTACHES POUR OUTIL POUR ENFONCER DES ATTACHES**

[72] PORTH, CHRIS H., US
[72] MOELLER, LARRY M., US
[73] ILLINOIS TOOL WORKS, INC., US

[85] 2012-10-05
[86] 2011-03-31 (PCT/US2011/030668)
[87] (WO2011/130011)
[30] US (12/760,251) 2010-04-14

[11] **2,796,341**
[13] C

[51] **Int.Cl. C07C 5/27 (2006.01) B01J 29/40 (2006.01) B01J 29/70 (2006.01) C07C 15/08 (2006.01)**
[25] EN
[54] **XYLENE ISOMERIZATION PROCESS AND CATALYST THEREFOR**
[54] **PROCEDE D'ISOMERISATION DES XYLENE ET CATALYSEUR AFFERENT**

[72] OU, JOHN D. Y., US
[72] ROSS, APRIL D., US
[72] LEVIN, DORON, US
[72] KALYANARAMAN, MOHAN, US
[72] LAI, WENYIH F., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US

[85] 2012-10-12
[86] 2011-04-06 (PCT/US2011/031445)
[87] (WO2011/133326)
[30] US (61/326,445) 2010-04-21

[11] **2,797,698**
[13] C

[51] **Int.Cl. C08F 2/00 (2006.01) C08F 4/00 (2006.01) C08F 295/00 (2006.01)**
[25] EN
[54] **HIGH MELT STRENGTH POLYMERS AND METHOD OF MAKING SAME**
[54] **MAKIMERES PRESENTANT UNE RESISTANCE A L'ETAT DE FUSION ELEVEE ET PROCED DE PRODUCTION DE TELS POLYMERES**

[72] DEGROOT, ALEXANDER W., US
[72] STEVENS, JAMES C., US
[72] DESJARDINS, SYLVIE Y., US
[72] WEINHOLD, JEFFREY, US
[72] CARNAHAN, EDMUND, US
[72] GILLESPIE, DAVID, US
[72] VANDERLENDE, DANIEL D., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US

[86] (2797698)
[87] (2797698)
[22] 2002-03-15
[62] 2,441,262
[30] US (60/276,719) 2001-03-16

[11] **2,798,348**
[13] C

[51] **Int.Cl. B60K 1/02 (2006.01) B60L 11/18 (2006.01) B60S 5/06 (2006.01)**
[25] EN
[54] **TERMINAL BASE OF POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE**
[54] **BASE TERMINALE D'UN DISPOSITIF D'ALIMENTATION EN ELECTRICITE POUR UN VEHICULE ELECTRIQUE**

[72] KAWATANI, SHINJI, JP
[72] NAKAYAMA, MASARU, JP
[72] SHOKAKU, ISAO, JP
[73] HONDA MOTOR CO., LTD., JP

[86] (2798348)
[87] (2798348)
[22] 2012-12-07
[30] JP (2012-034058) 2012-02-20

[11] **2,798,435**
[13] C

[51] **Int.Cl. E21B 41/02 (2006.01) C09K 8/54 (2006.01) C23F 11/00 (2006.01)**
[25] EN
[54] **CORROSION MANAGEMENT SYSTEMS FOR VERTICALLY ORIENTED STRUCTURES**
[54] **SYSTEMES DE GESTION DE LA CORROSION POUR STRUCTURES VERTICALES**

[72] LYUBLINSKI, EFIM YA, US
[72] VAKS, YEFIM, US
[73] NORTHERN TECHNOLOGIES INTERNATIONAL CORPORATION, US

[85] 2012-11-05
[86] 2011-05-06 (PCT/US2011/000797)
[87] (WO2011/139376)
[30] US (61/343,954) 2010-05-06
[30] US (13/068,223) 2011-05-05

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[11] **2,799,979**
[13] C

[51] **Int.Cl. A61L 29/08 (2006.01) A61L 29/16 (2006.01)**
[25] EN
[54] **CATHETER BALLOON COATED WITH AN ANTIRESTENOTIC AGENT AND A TRANSPORT PROMOTING MOLECULAR DISPERSANT**
[54] **BALLONNET DE CATHETER REVETU D'UN AGENT ANTI-RESTENOTIQUE ET D'UN AGENT DE DISPERSION MOLECULAIRE FAVORISANT LE TRANSPORT**
[72] HOFFMANN, ERIKA, DE
[72] HOFFMANN, MICHAEL, DE
[72] HORRES, ROLAND, DE
[73] HEMOTEQ AG, DE
[85] 2012-11-20
[86] 2011-05-27 (PCT/DE2011/001150)
[87] (WO2011/147407)
[30] DE (10 2010 022 588.6) 2010-05-27

[11] **2,801,002**
[13] C

[51] **Int.Cl. F24F 13/06 (2006.01) F24F 7/06 (2006.01) F24F 13/08 (2006.01)**
[25] EN
[54] **AIR BLOWING DEVICE**
[54] **DISPOSITIF DE SOUFFLAGE D'AIR**
[72] FUKIURA, KAZUMA, JP
[72] KAKINUMA, TOMOYUKI, JP
[72] SUZUKI, TAKETO, JP
[72] SATO, TAKAHIRO, JP
[73] KOKEN LTD., JP
[85] 2012-11-27
[86] 2011-06-29 (PCT/JP2011/064896)
[87] (WO2012/002424)
[30] JP (2010-150505) 2010-06-30

[11] **2,801,296**
[13] C

[51] **Int.Cl. B32B 17/04 (2006.01) C08J 5/12 (2006.01)**
[25] EN
[54] **ATTACHABLE ELASTOMERIC PAD**
[54] **PROTECTION ELASTOMERIQUE ADHESIVE**
[72] SOTTIAUX, DANIEL P., US
[72] STAMPS, FRANK B., US
[72] TISDALE, PATRICK R., US
[72] THOMPSON, TERRY K., US
[72] VO, LOAN THANH, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2801296)
[87] (2801296)
[22] 2013-01-09
[30] US (13/350,325) 2012-01-13

[11] **2,803,450**
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **MITIGATING LEAKS IN PRODUCTION TUBULARS**
[54] **REDUCTION DE FUITES DANS DES TUBULAIRES DE PRODUCTION**
[72] MEBRATU, AMARE A., NO
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-12-20
[86] 2011-06-13 (PCT/US2011/040153)
[87] (WO2012/005874)
[30] US (12/827,794) 2010-06-30

[11] **2,804,994**
[13] C

[51] **Int.Cl. A47C 7/38 (2006.01) A47C 1/022 (2006.01)**
[25] EN
[54] **LIFTING APPARATUS**
[54] **APPAREIL DE LEVAGE**
[72] ADDIEGO, RAPHAEL, US
[73] ADDIEGO, RAPHAEL, US
[85] 2013-01-09
[86] 2011-07-11 (PCT/US2011/043561)
[87] (WO2012/009276)
[30] US (61/363,423) 2010-07-12

[11] **2,806,526**
[13] C

[51] **Int.Cl. A61K 31/138 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **TRANS-CLOMIPHEN FOR TYPE 2 DIABETES**
[54] **TRANS-CLOMIPHENE POUR LE DIABETE DE TYPE 2**
[72] VAN AS, ANDRE, US
[73] REPOS THERAPEUTICS INC., US
[86] (2806526)
[87] (2806526)
[22] 2008-09-05
[62] 2,702,710
[30] US (60/980,334) 2007-10-16

[11] **2,806,969**
[13] C

[51] **Int.Cl. C10B 53/04 (2006.01) C10B 47/00 (2006.01) C10B 57/00 (2006.01) C10B 57/08 (2006.01)**
[25] EN
[54] **COAL MATERIAL DECOMPOSING DEVICE WITH SCREW-TYPE CABIN**
[54] **DISPOSITIF DE DECOMPOSITION D'UNE MATIERE CHARBONNEUSE UTILISANT UNE CABINE A VIS**
[72] ZHU, SHUCHENG, CN
[73] XIXIA DRAGON INTO SPECIAL MATERIAL CO., LTD, CN
[85] 2013-01-29
[86] 2010-11-23 (PCT/CN2010/078998)
[87] (WO2012/062003)
[30] CN (201010534752.8) 2010-11-08

[11] **2,807,503**
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/127 (2006.01)**
[25] EN
[54] **SWELLABLE GLASS IN WELL TOOLS**
[54] **VERRE EXPANSIBLE DANS LES OUTILS DE Puits**
[72] ALLISON, DAVID, B., US
[72] CASE, LEONARD, US
[72] SEVRE, ALF, K., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-02-04
[86] 2011-08-15 (PCT/US2011/047802)
[87] (WO2012/027149)
[30] US (12/870,476) 2010-08-27

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[11] **2,808,704**
[13] C

[51] **Int.Cl. E03C 1/04 (2006.01) B05B 1/22 (2006.01) F16L 9/18 (2006.01)**

[25] EN

[54] **OUTLET PIPE STRUCTURE OF A FAUCET**

[54] **STRUCTURE DE TUYAU DE SORTIE POUR UN ROBINET**

[72] TAN, WANHONG, CN

[72] TANG, XIAOMAO, CN

[72] NI, YAOHUI, CN

[72] PAN, TINGJIN, TW

[73] GLOBE UNION INDUSTRIAL CORP., TW

[86] (2808704)

[87] (2808704)

[22] 2013-02-21

[11] **2,809,099**
[13] C

[51] **Int.Cl. B08B 15/02 (2006.01) F23J 11/00 (2006.01) F24C 15/20 (2006.01)**

[25] EN

[54] **AIRFOIL AND BAFFLE ASSEMBLIES THAT REDUCE AIRFLOW REQUIREMENTS FOR FUME HOODS AND FUME HOODS INCORPORATING SAME**

[54] **ENSEMBLES DE PROFIL ET D'ECRAN QUI REDUISENT DES EXIGENCES D'ECOULEMENT D'AIR POUR DES HOTTES A ASPIRATION ET HOTTES A ASPIRATION LES INCORPORANT**

[72] SMITH, THOMAS C., US

[72] CURD, PAUL C., US

[72] TRINH, TAM N., US

[73] EXPOSURE CONTROL TECHNOLOGIES, INC., US

[85] 2013-02-21

[86] 2011-07-28 (PCT/US2011/045648)

[87] (WO2012/027056)

[30] US (12/870,046) 2010-08-27

[11] **2,809,174**
[13] C

[51] **Int.Cl. F03B 13/18 (2006.01) F03B 17/06 (2006.01)**

[25] EN

[54] **APPARATUS AND CONTROL SYSTEM FOR GENERATING POWER FROM WAVE ENERGY**

[54] **APPAREIL ET SYSTEME DE COMMANDE POUR GENERER DE L'ENERGIE A PARTIR DE L'ENERGIE DES VAGUES**

[72] THOMSON, ALLAN ROBERT, GB

[72] WHITTAKER, TREVOR JOHN, GB

[72] CROWLEY, MICHAEL DAVID, GB

[73] AQUAMARINE POWER LIMITED, GB

[86] (2809174)

[87] (2809174)

[22] 2006-03-15

[62] 2,602,012

[30] GB (0505906.8) 2005-03-23

[11] **2,809,229**
[13] C

[51] **Int.Cl. A01C 1/06 (2006.01)**

[25] EN

[54] **IRON POWDER FOR COATING SEEDS AND SEED**

[54] **POUDRE DE FER UTILISABLE EN VUE DE L'ENROBAGE DE SEMENCES ET SEMENCES AINSI ENROBEES**

[72] KAWANO, TAKASHI, JP

[72] FUJINAGA, MASASHI, JP

[73] JFE STEEL CORPORATION, JP

[85] 2013-02-22

[86] 2011-08-30 (PCT/JP2011/070091)

[87] (WO2012/029969)

[30] JP (2010-193337) 2010-08-31

[30] JP (2011-158024) 2011-07-19

[11] **2,816,578**
[13] C

[51] **Int.Cl. F16C 29/04 (2006.01) F16B 2/20 (2006.01) F16B 7/04 (2006.01) F16C 29/00 (2006.01)**

[25] EN

[54] **SYSTEM, METHOD, AND APPARATUS FOR HOLDING A TRACK TO A BASE**

[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE MAINTENIR UN RAIL SUR UNE BASE**

[72] WATSON, NIGEL S., US

[73] BISHOP-WISECARVER CORPORATION, US

[85] 2013-04-30

[86] 2011-11-04 (PCT/US2011/059305)

[87] (WO2012/061693)

[30] US (12/939,804) 2010-11-04

[11] **2,817,397**
[13] C

[51] **Int.Cl. A63H 5/00 (2006.01) A63H 33/00 (2006.01) G06F 19/00 (2011.01) G09B 5/04 (2006.01) G10L 13/00 (2006.01)**

[25] EN

[54] **A FILL-IN-THE-BLANK AUDIO-STORY ENGINE**

[54] **MOTEUR POUR HISTOIRE AUDIO A COMPLETER**

[72] BATES, ANNE CATHERINE, US

[72] GAHR, JASON PAUL, US

[72] SCHEFF, ADAM SAMUEL, US

[72] PENROD, JASON BLAKE, US

[72] YOUNG, STEPHANIE FARRIS, US

[72] LIEN, TIMOTHY JAY, US

[72] MONACO, MICHAEL ANTHONY, JR., US

[73] HALLMARK CARDS, INCORPORATED, US

[86] (2817397)

[87] (2817397)

[22] 2013-06-03

[30] US (13/488,070) 2012-06-04

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[11] **2,817,556**
[13] C

[51] **Int.Cl. C08J 9/14 (2006.01)**
[25] EN
[54] **METHOD FOR FILLING WALL CAVITIES WITH EXPANDING FOAM INSULATION**
[54] **PROCEDE DE REMPLISSAGE DE CAVITES DE PAROI AVEC ISOLATION EN MOUSSE EXPANSIVE**
[72] FISHBACK, TOM, US
[72] CAFFOE, DOUG, US
[72] TAYLOR, ANTHONY, US
[72] SHOEMAKER, JULIE, US
[73] FOMO PRODUCTS, INC., US
[85] 2013-05-09
[86] 2011-11-17 (PCT/US2011/061153)
[87] (WO2012/068351)
[30] US (61/572,277) 2010-11-17
[30] US (61/535,162) 2011-09-15

[11] **2,817,648**
[13] C

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/041 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **EVENT RECOGNITION**
[54] **RECONNAISSANCE D'EVENEMENT**
[72] MOORE, BRADFORD ALLEN, US
[72] SHAFFER, JOSHUA H., US
[73] APPLE INC., US
[86] (2817648)
[87] (2817648)
[22] 2010-03-12
[62] 2,755,443
[30] US (61/210,332) 2009-03-16
[30] US (12/566,660) 2009-09-24

[11] **2,817,869**
[13] C

[51] **Int.Cl. B60R 11/04 (2006.01) E21F 11/00 (2006.01)**
[25] EN
[54] **WORK VEHICLE PERIPHERY MONITORING SYSTEM AND WORK VEHICLE**
[54] **SYSTEME DE SURVEILLANCE DE PERIPHERIE DE VEHICULE DE CHANTIER ET VEHICULE DE CHANTIER**
[72] NAKANISHI, YUKIHIRO, JP
[72] MITSUTA, SHINJI, JP
[72] KURIHARA, TAKESHI, JP
[73] KOMATSU LTD., JP
[85] 2013-06-11
[86] 2012-11-29 (PCT/JP2012/080965)
[87] (WO2014/045465)
[30] JP (2012-208553) 2012-09-21

[11] **2,819,773**
[13] C

[51] **Int.Cl. A45D 44/22 (2006.01) A61B 5/00 (2006.01) A61B 10/00 (2006.01) A61K 8/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATIC OR MANUAL EVALUATION TO PROVIDE TARGETED AND INDIVIDUALIZED DELIVERY OF COSMETIC ACTIVES IN A MASK OR PATCH FORM**
[54] **PROCEDE ET SYSTEME D'EVALUATION AUTOMATIQUE OU MANUELLE POUR FOURNIR UNE ADMINISTRATION CIBLEE ET INDIVIDUALISEE DE PRINCIPES ACTIFS COSMETIQUES SOUS FORME DE MASQUE OU DE TIMBRE**
[72] MOHAMMADI, FATEMEH, US
[72] MOU, TSUNG-WEI ROBERT, US
[72] QU, LISA, US
[73] ELC MANAGEMENT LLC, US
[85] 2013-06-03
[86] 2011-05-12 (PCT/US2011/036292)
[87] (WO2012/078201)
[30] US (12/962,807) 2010-12-08

[11] **2,819,962**
[13] C

[51] **Int.Cl. B27B 31/00 (2006.01)**
[25] EN
[54] **DETERMINATION OF LOG STABILITY**
[54] **DETERMINATION DE LA STABILITE DES BUCHES**
[72] MEINKE, STEPHAN, CA
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2819962)
[87] (2819962)
[22] 2013-07-05
[30] US (61/758,714) 2013-01-30
[30] US (13/834,572) 2013-03-15

[11] **2,823,080**
[13] C

[51] **Int.Cl. B27K 5/00 (2006.01) D21B 1/02 (2006.01) C08J 3/28 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2823080)
[87] (2823080)
[22] 2007-10-26
[62] 2,667,628
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

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[11] **2,823,679**
[13] C

- [51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **TRAVEL PROCESS PREDICTION SYSTEM, COMPUTER READABLE MEDIUM AND TRAVEL PROCESS PREDICTION APPARATUS**
[54] **SYSTEME DE PREDICTION DE PROCESSUS DE TRAJET, SUPPORT LISIBLE A L'ORDINATEUR ET APPAREIL DE PREDICTION DU PROCESSUS DE TRAJET**
[72] YANO, KOICHI, JP
[73] THE AQUA ENTERPRISE COMPANY, JP
[85] 2013-07-03
[86] 2011-12-13 (PCT/JP2011/078743)
[87] (WO2012/093560)
[30] JP (PCT/JP2011/050105) 2011-01-06

[11] **2,841,382**
[13] C

- [51] **Int.Cl. B65D 81/34 (2006.01) A45D 97/00 (2011.01) A45D 19/16 (2006.01) A45D 44/00 (2006.01) A61J 1/00 (2006.01)**
[25] EN
[54] **PACKAGE OF TREATMENT MATERIAL HEATED BY MICROWAVE**
[54] **EMBALLAGE DE MATIERE DE TRAITEMENT CHAUFFEE AU FOUR MICRO-ONDES**
[72] CAROLAN, SEAN, CA
[72] JAISAARD, TIANNA, CA
[73] CAROLAN, SEAN, CA
[73] JAISAARD, TIANNA, CA
[86] (2841382)
[87] (2841382)
[22] 2014-01-24
[30] US (61/758,412) 2013-01-30

[11] **2,849,793**
[13] C

- [51] **Int.Cl. F26B 3/30 (2006.01) F26B 5/06 (2006.01)**
[25] EN
[54] **HEATING DEVICE FOR ROTARY DRUM FREEZE-DRYER**
[54] **DISPOSITIF DE CHAUFFAGE POUR LYOPHILISATEUR A TAMBOUR ROTATIF**
[72] GEBHARD, THOMAS, DE
[72] KAISER, ROLAND, DE
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
[72] LUY, BERNHARD, DE
[73] SANOFI PASTEUR SA, FR
[85] 2014-03-24
[86] 2012-10-04 (PCT/EP2012/004164)
[87] (WO2013/050158)
[30] EP (11008108.0) 2011-10-06

[11] **2,827,148**
[13] C

- [51] **Int.Cl. B27B 31/06 (2006.01)**
[25] EN
[54] **GRADE ANNUNCIATOR**
[54] **ANNONCIATEUR DE CATEGORIE**
[72] BLOMQUIST, CHRISTOPHER W., US
[72] FLATMAN, CARL, CA
[72] WAHLSTROM, CARL, US
[72] O'HERON, MIKE, US
[72] SUNDER, NICK, US
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2827148)
[87] (2827148)
[22] 2013-09-13
[30] US (61/714,724) 2012-10-16
[30] US (61/801,938) 2013-03-15

[11] **2,842,888**
[13] C

- [51] **Int.Cl. G01N 27/90 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION EDDY CURRENT ARRAY PROBE**
[54] **SONDE A GROUPEMENT A COURANT DE FOUCAULT A HAUTE RESOLUTION**
[72] GRENIER, MARC, CA
[72] HARDY, FLORIAN, CA
[73] EDDYFI NDT INC., CA
[85] 2014-01-23
[86] 2013-06-20 (PCT/IB2013/055086)
[87] (WO2013/190504)
[30] US (61/662,777) 2012-06-21

[11] **2,856,495**
[13] C

- [51] **Int.Cl. A44B 5/02 (2006.01) A44C 13/00 (2006.01)**
[25] EN
[54] **COMBINED FASHION ACCESSORY AND KEY**
[54] **ACCESSOIRE DE MODE ET CLE COMBINES**
[72] HYKAMP, MIKAEL ALEXANDER, CA
[73] DB IMPORTS INC., CA
[85] 2014-05-21
[86] 2013-02-28 (PCT/CA2013/050147)
[87] (WO2013/159212)
[30] US (61/637,951) 2012-04-25

[11] **2,829,619**
[13] C

- [51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **A MOLD STACK FOR A PREFORM**
[54] **EMPILEMENT DE MOULES DESTINE A UNE PREFORME**
[72] MCCREADY, DEREK ROBERTSON, CA
[73] HUSKY INJECTION HOLDING SYSTEMS LTD., CA
[85] 2013-09-10
[86] 2012-02-27 (PCT/CA2012/050116)
[87] (WO2012/129682)
[30] US (61/468,813) 2011-03-29

[11] **2,848,285**
[13] C

- [51] **Int.Cl. A47G 29/00 (2006.01)**
[25] EN
[54] **HOLDER FOR USED BAGS**
[54] **SUPPORT POUR SACS UTILISES**
[72] WINIKOFF, ROBERT, CA
[73] WINIKOFF, ROBERT, CA
[86] (2848285)
[87] (2848285)
[22] 2014-04-04
[30] US (13/986,691) 2013-05-24

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[13] C

[51] **Int.Cl. C12P 7/40 (2006.01) C12P 7/42 (2006.01) C12P 7/52 (2006.01) C12P 7/54 (2006.01) C12P 7/56 (2006.01) C12P 7/64 (2006.01) C12P 19/00 (2006.01) D21B 1/02 (2006.01)**

[25] EN

[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**

[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**

[72] MEDOFF, MARSHALL, US

[73] XYLECO, INC., US

[86] (2857801)

[87] (2857801)

[22] 2007-10-26

[62] 2,823,312

[30] US (60/854,519) 2006-10-26

[30] US (60/863,290) 2006-10-27

[30] US (60/859,911) 2006-11-17

[30] US (60/875,144) 2006-12-15

[30] US (60/881,891) 2007-01-23

[11] **2,859,005**

[13] C

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[25] EN

[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**

[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**

[72] MEDOFF, MARSHALL, US

[73] XYLECO, INC., US

[86] (2859005)

[87] (2859005)

[22] 2007-10-26

[62] 2,823,381

[30] US (60/854,519) 2006-10-26

[30] US (60/863,290) 2006-10-27

[30] US (60/859,911) 2006-11-17

[30] US (60/875,144) 2006-12-15

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[21] **2,818,376**
[13] A1
[51] **Int.Cl. F24H 3/04 (2006.01) F24H 9/00 (2006.01)**
[25] EN
[54] **PASSIVE CONSTANT PRESSURE HATCH FOR FRESH AIR DIRECT FIRED GAS HEATED VENTILATION SYSTEMS**
[54] **TRAPPE A PRESSION CONSTANTE PASSIVE POUR SYSTEMES DE VENTILATION CHAUFFES AU GAZ A MISE A FEU DIRECTE A AIR FRAIS**
[72] COTE, ANTHONY, CA
[71] COTE, ANTHONY, CA
[22] 2013-06-17
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[13] A1
[51] **Int.Cl. B67D 3/00 (2006.01) B67D 7/42 (2010.01) B67C 3/26 (2006.01)**
[25] EN
[54] **SPILL PROOF DRINK DISPENSING SYSTEM, KIT AND METHOD**
[54] **SYSTEME, NECESSAIRE ET PROCEDE DE DISTRIBUTION DE BOISSON EVITANT LES DEVERSEMENTS**
[72] JIMROGLOU, WILLIAM, US
[72] NOEL, DANIEL, US
[71] JIMROGLOU, WILLIAM, US
[71] NOEL, DANIEL, US
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[21] **2,818,422**
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[51] **Int.Cl. B60G 17/017 (2006.01) B60G 9/02 (2006.01)**
[25] EN
[54] **AUTOMATIC LIFT AXLE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ESSIEU A SOULEVEMENT AUTOMATIQUE**
[72] FRIESEN, LEROY J., CA
[71] FRIESEN, LEROY J., CA
[22] 2013-06-18
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[21] **2,818,429**
[13] A1
[51] **Int.Cl. B60D 3/00 (2006.01) B60D 1/48 (2006.01)**
[25] EN
[54] **FRONT HITCH ASSEMBLY, WITH LOCKING PLATE, FOR FRONT OF VEHICLE**
[54] **ENSEMBLE D'ATTELAGE AVANT AVEC PLAQUE DE VERROUILLAGE POUR DEVANT DE VEHICULE**
[72] CANERS, PAUL D., CA
[71] CANERS, PAUL D., CA
[22] 2013-06-18
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[21] **2,818,431**
[13] A1
[51] **Int.Cl. E21B 10/43 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **DRILL BIT HAVING DIFFERENTIALLY ROTATING CUTTING STRUCTURES**
[54] **TREPAN COMPORTANT DES STRUCTURES DE COUPE A ROTATION DIFFERENTIELLE**
[72] BURCA, DENNIS, CA
[71] BURCA, DENNIS, CA
[22] 2013-06-18
[41] 2014-12-18

[21] **2,818,449**
[13] A1
[51] **Int.Cl. A01D 75/00 (2006.01) A01D 84/00 (2006.01)**
[25] EN
[54] **SWATH ROLLER WITH CONTROLLED ANCHORING FORCE**
[54] **ROULEAU DE FAUCHEE AVEC FORCE D'ANCRAGE COMMANDEE**
[72] MILLER, GERRY LEE, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2013-06-18
[41] 2014-12-18

[21] **2,818,450**
[13] A1
[51] **Int.Cl. B60R 16/02 (2006.01) B60L 11/18 (2006.01) B60R 16/037 (2006.01)**
[25] EN
[54] **RECONFIGURABLE HYBRID ENERGY STORAGE SYSTEM FOR ELECTRIFIED VEHICLES**
[54] **SYSTEME DE STOCKAGE D'ENERGIE HYBRIDE RECONFIGURABLE POUR VEHICULES ELECTRIQUES**
[72] TU, CHIA-HAO, CA
[72] EMADI, ALI, CA
[71] MCMMASTER UNIVERSITY, CA
[22] 2013-06-17
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[13] A1

[51] **Int.Cl. F01C 20/18 (2006.01) F01C 20/22 (2006.01)**
[25] EN
[54] **PISTON MACHINE APPARATUS, AND METHOD OF VARYING A VOLUME OF A CHAMBER OF THE APPARATUS**
[54] **APPAREIL A MACHINE A PISTON ET PROCEDE POUR FAIRE VARIER UN VOLUME D~UNE CHAMBRE DE L~APPAREIL**
[72] KOROLEV, ALEXANDER, CA
[71] KOROLEV, ALEXANDER, CA
[22] 2013-06-14
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[21] **2,818,734**
[13] A1

[51] **Int.Cl. B65D 81/32 (2006.01) A61F 7/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING DISPOSABLE COLD PACK AND RELATED DISPOSABLE COLD PACK CONTAINING UREA AND AMMONIUM CHLORIDE**
[54] **PROCEDE DE FABRICATION D'UN BLOC REFRIGERANT JETABLE ET BLOC REFRIGERANT JETABLE CONNEXE CONTENANT DE L'UREE ET DU CHLORURE D'AMMONIUM**
[72] WHITELY, JEFFREY THOMAS, CA
[71] RAPID AID CORP., CA
[22] 2013-06-18
[41] 2014-12-14
[30] US (13/918229) 2013-06-14

[21] **2,818,794**
[13] A1

[51] **Int.Cl. A01B 1/02 (2006.01) E02F 3/02 (2006.01)**
[25] EN
[54] **SHOVEL AND STEP**
[54] **PELLE ET MARCHE**
[72] LAMBERT, TYLER D., CA
[71] LAMBERT, TYLER D., CA
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[21] **2,818,797**
[13] A1

[51] **Int.Cl. F02B 75/22 (2006.01)**
[25] EN
[54] **SAIZEW INTERNAL COMBUSTION DIESEL TURBINE (ST)**
[54] **TURBINE DIESEL A COMBUSTION INTERNE DE TYPE SAIZEW**
[72] SAIZEW, UDO PETER, CA
[71] SAIZEW, UDO PETER, CA
[22] 2013-06-20
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[21] **2,818,808**
[13] A1

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[25] FR
[54] **FINANCIAL PROFILES ON THE WEB OPEN TO OFFERS**
[54] **PROFILS FINANCIERS SUR LE WEB OUVERTS AUX OFFRES**
[72] DIAGNE, SOKHNA, CA
[71] DIAGNE, SOKHNA, CA
[22] 2013-06-20
[41] 2014-12-20

[21] **2,818,826**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) B60S 5/00 (2006.01)**
[25] EN
[54] **VEHICLE SERVICE HISTORY AUTOMATION**
[54] **AUTOMATISATION D'HISTORIQUE D'ENTRETIEN DE VEHICULE**
[72] WHITE, JASON A., CA
[71] WHITE, JASON A., CA
[22] 2013-06-14
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[21] **2,818,862**
[13] A1

[51] **Int.Cl. A63F 9/06 (2006.01) A63F 9/00 (2006.01)**
[25] EN
[54] **TEXT MEMORY GAME (TEXTMEMO)**
[54] **JEU DE MEMORISATION DE TEXTE (TEXTMEMO)**
[72] MUECK, STEFFEN, DE
[71] MUECK, STEFFEN, DE
[22] 2013-06-18
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[21] **2,818,870**
[13] A1

[51] **Int.Cl. F28F 1/16 (2006.01) C09K 5/14 (2006.01) C10G 9/02 (2006.01) C22C 19/05 (2006.01)**
[25] EN
[54] **PINNED FURNACE TUBES**
[54] **TUBES DE CHAUDIERE A TIGES**
[72] CROWE, JEFFREY STEPHEN, CA
[72] TAYLOR, MARK ANDREW, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[41] 2014-12-20

[21] **2,819,173**
[13] A1

[51] **Int.Cl. H04N 21/6332 (2011.01) H04N 21/40 (2011.01) H04N 19/00 (2014.01)**
[25] EN
[54] **IPTV DIAGNOSTICS SYSTEM**
[54] **SYSTEMES DE DIAGNOSTIC PAR IPTV**
[72] LIRETTE, MARC, CA
[72] LAKEY, BRIAN J., CA
[71] TELUS COMMUNICATIONS COMPANY, CA
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[21] **2,819,496**
[13] A1

[51] **Int.Cl. H02J 3/16 (2006.01) G01R 27/02 (2006.01)**
[25] EN
[54] **REACTIVE POWER FINDER**
[54] **DISPOSITIF DE REPERAGE DE PUISSANCE REACTIVE**
[72] HABIB, HAROUN, CA
[71] HABIB, HAROUN, CA
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[13] A1

[51] **Int.Cl. F16H 25/22 (2006.01) F16H 25/12 (2006.01)**
[25] EN
[54] **ANGULAR MOTION CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMMANDE DE MOUVEMENT ANGULAIRE**
[72] DUAN, JUNFENG, CA
[72] ITO, TOKUNOSUKE, CA
[71] ZED.I SOLUTIONS (CANADA) INC., CA
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[30] US (13/922,839) 2013-06-20

[21] **2,820,165**
[13] A1

[51] **Int.Cl. A47K 3/16 (2006.01) B66F 15/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE BATHTUB LEDGER STRAP AND METHOD OF USE**
[54] **COURROIE DE MOISE DE BAIGNOIRE REGLABLE ET PROCEDE D'UTILISATION**
[72] JACKMAN, JOHN D., US
[72] JACKMAN, CHRISTOPHER M., US
[71] JACKMAN, JOHN D., US
[71] JACKMAN, CHRISTOPHER M., US
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[21] **2,820,283**
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **VALVE AND METHOD FOR HYDRAULIC FRACTURING**
[54] **VANNE ET PROCEDE DE FRACTURATION HYDRAULIQUE**
[72] JONES, NATHAN, CA
[71] GIANT OIL TOOLS LTD., CA
[71] JONES, NATHAN, CA
[22] 2013-06-19
[41] 2014-12-19

[21] **2,820,348**
[13] A1

[51] **Int.Cl. B60P 3/34 (2006.01)**
[25] EN
[54] **COLLAPSIBLE RIGID SHELTER FOR MOUNTING ON A TRUCK BED**
[54] **ABRI RIGIDE PLIANT POUR MONTAGE SUR UN PLATEAU DE CAMION**
[72] LORANGER, FABIAN, CA
[71] LORANGER, FABIAN, CA
[22] 2013-06-17
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[21] **2,820,379**
[13] A1

[51] **Int.Cl. A01F 25/16 (2006.01)**
[25] EN
[54] **PARTICULATE MATERIAL SAMPLE DIVIDER**
[54] **DIVISEUR D'ECHANTILLON DE MATERIAU PARTICULAIRE**
[72] DIEHL, JASON K., CA
[72] KARAMICHALIS, DIMO, CA
[71] DIMO'S TOOL & DIE LTD., CA
[22] 2013-06-18
[41] 2014-12-18

[21] **2,820,455**
[13] A1

[51] **Int.Cl. A01B 33/08 (2006.01)**
[25] EN
[54] **SEED BED PREPARATION AND TILLAGE APPARATUS**
[54] **APPAREIL DE PREPARATION DE LIT DE SEMENCE ET DE TRAVAIL DU SOL**
[72] GRAY, GEOFF J., CA
[72] GOVEIA, SIMON, CA
[72] AVERINK, JOHN MARK, CA
[71] SALFORD FARM MACHINERY LTD., CA
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[41] 2014-12-20

[21] **2,820,492**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **NAMESPACE TRANSFORMATIONS**
[54] **TRANSFORMATIONS D'ESPACES DE NOMMAGE**
[72] DAVID, CHAD, CA
[72] RHYASON, JEFF, CA
[71] EL FRESKO TECHNOLOGIES LIMITED, CA
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[21] **2,820,499**
[13] A1

[51] **Int.Cl. A61K 39/102 (2006.01) A61K 9/127 (2006.01) A61P 11/00 (2006.01) A61P 31/04 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01)**
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[54] **ENHANCED IMMUNE RESPONSE IN BOVINE SPECIES**
[54] **REPOSE IMMUNITAIRE AMELIOREE CHEZ LES ESPECES BOVINES**
[72] ABRAHAM, ALBERT, US
[72] KEIL, DANIEL, US
[72] NICKELL, JASON, US
[72] WEISS, CHRISTIAN, DE
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE
[22] 2013-06-18
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[21] **2,820,607**
[13] A1

[51] **Int.Cl. B67B 7/46 (2006.01) A47J 31/06 (2006.01) A47J 43/00 (2006.01)**
[25] EN
[54] **KCUP AND TPUCK CUTTER**
[54] **COUTEAU KCUP ET TPUCK**
[72] UNKNOWN, ZZ
[71] CASTILLO, JOSEL A., CA
[22] 2013-06-20
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[25] EN
[54] **ENDODONTIC POST SYSTEM**
[54] **SYSTEME DE TENON RADICULAIRE ENDODONTIQUE**
[72] YARED, GHASSAN, CA
[72] DE-DEUS, GUSTAVO, BR
[71] YARED, GHASSAN, CA
[71] DE-DEUS, GUSTAVO, BR
[22] 2013-06-19
[41] 2014-12-19

[21] **2,820,637**
[13] A1

[51] **Int.Cl. H03M 13/13 (2006.01) H04L 12/951 (2013.01) H03M 13/11 (2006.01) H04L 1/22 (2006.01)**
[25] EN
[54] **NETWORK CODING USING AN OUTER CODING PROCESS**
[54] **CODAGE DE RESEAU UTILISANT UN PROCESSUS DE CODAGE EXTERNE**
[72] MAHDAVIANI, KAVEH, CA
[72] YAZDANI, RAMAN, CA
[72] ARDAKANI, MASOUD, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[13] A1

[51] **Int.Cl. E05C 19/00 (2006.01) E05B 65/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE POSITION BLOCKING DEVICE FOR SLIDING CLOSURES**
[54] **DISPOSITIF DE BLOCAGE DE POSITION REGLABLE POUR FERMETURES A GLISSIERE**
[72] MCEACHERN, MARC, US
[71] MCEACHERN, MARC, US
[22] 2013-06-19
[41] 2014-12-19

[21] **2,821,202**
[13] A1

[51] **Int.Cl. B60R 9/06 (2006.01) A01M 31/00 (2006.01) B62D 21/20 (2006.01) B62D 63/06 (2006.01) B65G 7/12 (2006.01) A22B 5/00 (2006.01)**
[25] EN
[54] **LARGE GAME CARRIER**
[54] **GRAND TRANSPORTEUR DE GIBIER**
[72] CARLISLE, COLIN RALPH, CA
[71] CARLISLE, COLIN RALPH, CA
[22] 2013-07-17
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[30] US (13/919,420) 2013-06-17

[21] **2,821,464**
[13] A1

[51] **Int.Cl. A41C 5/00 (2006.01) A41C 3/10 (2006.01) A41C 3/14 (2006.01)**
[25] EN
[54] **BREAST FORM WITH UNDERWIRE AND METHOD OF MANUFACTURING THEREOF**
[54] **FORME DE SEIN AVEC ARMATURE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] CHEN, DENNIS H., US
[71] BRAGEL INTERNATIONAL, INC., US
[22] 2013-07-18
[41] 2014-12-14
[30] US (13/918,757) 2013-06-14

[21] **2,829,900**
[13] A1

[51] **Int.Cl. E01C 23/22 (2006.01) E01F 9/08 (2006.01)**
[25] EN
[54] **SINUOUS TRAFFIC LINE**
[54] **LIGNE DE TRAFIC SINUEUSE**
[72] GASSMAN, MANUEL B., US
[71] GASSMAN, MANUEL B., US
[22] 2013-10-15
[41] 2014-12-19
[30] US (61/836,731) 2013-06-19

[21] **2,834,003**
[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **LINER HANGER AND METHOD FOR INSTALLING A WELLBORE LINER**
[54] **SUSPENSION DE CUVELAGE DE Puits ET PROCEDE POUR INSTALLER UN CUVELAGE DE Puits DE FORAGE**
[72] HUGHES, JOHN, CA
[72] SCHMIDT, JAMES WILBURN, CA
[72] D'ARCY, SHANE, CA
[71] RESOURCE WELL COMPLETION TECHNOLOGIES INC., CA
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[30] US (61/861,651) 2013-08-02

[21] **2,839,315**
[13] A1

[51] **Int.Cl. G06Q 99/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING VALUE ASSESSMENTS**
[54] **PROCEDES ET SYSTEMES POUR FOURNIR DES EVALUATIONS DE VALEURS**
[72] KAISER, ROBERT, CA
[71] REVIVAE CONSULTING INC., CA
[22] 2014-01-14
[41] 2014-12-14
[30] US (61/835,087) 2013-06-14

[21] **2,839,635**
[13] A1

[51] **Int.Cl. B29C 47/06 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A COEXTRUSION BLOWN FILM**
[54] **PROCEDE DE PRODUCTION D'UN FILM SOUFFLE DE COEXTRUSION**
[72] BAIK, JAE, CA
[72] CAVICCHIA, ELVIO, CA
[71] ALROS PRODUCTS LIMITED, CA
[22] 2014-01-16
[41] 2014-12-18
[30] US (61/836354) 2013-06-18

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[21] **2,839,789**
[13] A1

[51] **Int.Cl. D03D 15/00 (2006.01) C08J 5/04 (2006.01) D06C 3/06 (2006.01)**
[25] EN
[54] **REINFORCED FABRIC FOR SUBSTITUTION OF VINYL AND ITS MANUFACTURING METHOD**
[54] **TISSU RENFORCE POUR SUBSTITUTION DE VINYLE ET SON PROCÉDE DE FABRICATION**
[72] BAEK, GEON YONG, KR
[71] BAEK, GEON YONG, KR
[22] 2014-01-21
[41] 2014-12-17
[30] KR (10-2013-0068925) 2013-06-17

[21] **2,842,141**
[13] A1

[51] **Int.Cl. A01N 37/44 (2006.01) A01N 43/36 (2006.01) A01P 11/00 (2006.01) A01P 15/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR ELIMINATION OF TROUBLESOME VARMINTS**
[54] **COMPOSITION POUR L'ÉLIMINATION DES ANIMAUX NUISIBLES**
[72] DIOGUARDI, FRANCESCO SAVERIO, IT
[71] DETERMINANTS OF METABOLISM RESEARCH LABORATORY S.R.L., IT
[22] 2014-02-06
[41] 2014-12-14
[30] IT (TO2013A000493) 2013-06-14

[21] **2,843,783**
[13] A1

[51] **Int.Cl. B65D 59/00 (2006.01) F21V 11/16 (2006.01) F21V 17/10 (2006.01)**
[25] EN
[54] **METHOD OF PROTECTING A LENS OF A LIGHT**
[54] **METHODE DE PROTECTION D'UNE LENTILLE D'UNE LUMIÈRE**
[72] AHLKOG, CHRIS, CA
[72] AHLKOG, JEFF, CA
[71] AHLKOG, CHRIS, CA
[71] AHLKOG, JEFF, CA
[22] 2014-02-27
[41] 2014-12-20
[30] US (61/837,551) 2013-06-20

[21] **2,846,802**
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **A CONTROLLER FOR A HVAC SYSTEM HAVING A CALIBRATION ALGORITHM**
[54] **DISPOSITIF DE COMMANDE POUR UN SYSTÈME CVCA AYANT UN ALGORITHME D'ÉTALONNAGE**
[72] DOUGLAS, JONATHAN, US
[72] BENNETT, ALAN, US
[72] ABRISHAMKAR, FARHAD, US
[72] FODEN, PAUL, US
[72] WALTER, STEPHEN, US
[72] THOMAS, HERMAN M., US
[72] DODDAMANE, KRISHNA, US
[71] LENNOX INDUSTRIES INC., US
[22] 2014-03-17
[41] 2014-12-17
[30] US (13/919,649) 2013-06-17

[21] **2,847,042**
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **AN HVAC SYSTEM HAVING A DIAGNOSTICS CONTROLLER ASSOCIATED THEREWITH**
[54] **SYSTÈME CVCA AYANT UN CONTRÔLEUR DE DIAGNOSTIC ASSOCIÉ À CELUI-CI**
[72] DOUGLAS, JONATHAN, US
[72] THOMAS, HERMAN M., US
[71] LENNOX INDUSTRIES INC., US
[22] 2014-03-17
[41] 2014-12-17
[30] US (13/919,590) 2013-06-17

[21] **2,847,995**
[13] A1

[51] **Int.Cl. B29C 45/18 (2006.01)**
[25] EN
[54] **MOLDING SYSTEMS AND METHODS**
[54] **SYSTÈMES ET PROCÉDES DE MOULAGE**
[72] STONE, ASHLEY, DE
[71] STONE, ASHLEY, DE
[22] 2014-04-03
[41] 2014-12-17
[30] US (61/835,914) 2013-06-17

[21] **2,848,461**
[13] A1

[51] **Int.Cl. G01B 21/22 (2006.01) B64F 5/00 (2006.01) B66C 13/00 (2006.01) G01B 11/26 (2006.01)**
[25] EN
[54] **CONTROL SURFACE CALIBRATION SYSTEM**
[54] **SYSTÈME D'ÉTALONNAGE DE SURFACE DE COMMANDE**
[72] YEELES, CHRISTOPHER J., US
[71] THE BOEING COMPANY, US
[22] 2014-04-02
[41] 2014-12-14
[30] US (13/918,079) 2013-06-14

[21] **2,848,498**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) G01S 13/88 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EXTRACTING PHYSIOLOGICAL CHARACTERISTICS USING FREQUENCY HARMONICS**
[54] **SYSTÈMES ET MÉTHODES D'EXTRACTION DE CARACTÉRISTIQUES PHYSIOLOGIQUES À L'AIDE D'HARMONIQUES DE FRÉQUENCE**
[72] WEITNAUER, MARY ANN, US
[72] NGUYEN, VAN, US
[72] JAVAID, ABDUL QADIR, US
[71] WEITNAUER, MARY ANN, US
[71] NGUYEN, VAN, US
[71] JAVAID, ABDUL QADIR, US
[22] 2014-04-07
[41] 2014-12-20
[30] US (61/837547) 2013-06-20
[30] US (61/954533) 2014-03-17

[21] **2,848,674**
[13] A1

[51] **Int.Cl. F24F 1/48 (2011.01) F24F 1/38 (2011.01) F24F 1/56 (2011.01) F24D 11/02 (2006.01)**
[25] EN
[54] **ICING PROTECTION FOR A HEAT PUMP**
[54] **PROTECTION ANTIGIVRE POUR UNE POMPE À CHALEUR**
[72] USELTON, ROBERT B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2014-04-10
[41] 2014-12-17
[30] US (13/919,521) 2013-06-17

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[21] **2,848,697**
[13] A1

[51] **Int.Cl. F24F 13/28 (2006.01) A61L 2/02 (2006.01) B01D 46/52 (2006.01) F24D 19/00 (2006.01) F24F 3/16 (2006.01)**

[25] EN

[54] **AIR FILTRATION MEDIA FOR AIR PURIFICATION**

[54] **SUPPORT DE FILTRATION D'AIR POUR LA PURIFICATION DE L'AIR**

[72] HINGORANI, SANJEEV, US
[72] WOLOWICZ, THOMAS, US
[72] GREIST, HENRY, US
[71] LENNOX INDUSTRIES INC., US
[22] 2014-04-10
[41] 2014-12-17
[30] US (13/919,383) 2013-06-17

[21] **2,849,151**
[13] A1

[51] **Int.Cl. C21B 3/02 (2006.01) C21B 7/16 (2006.01)**

[25] EN

[54] **METHOD OF SMELTING VANADIUM TITANO-MAGNETITE IN BLAST-FURNACE**

[54] **PROCEDE DE FUSION DE TITANOMAGNETITE DE VANADIUM DANS UN HAUT-FOURNEAU**

[72] FU, WEIGUO, CN
[72] WEN, YONGCAI, CN
[72] XIE, HONGEN, CN
[72] HE, MUGUANG, CN
[72] LU, GAOFENG, CN
[72] WANG, DUNXU, CN
[71] PANGANG GROUP PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD., CN
[22] 2014-04-16
[41] 2014-12-14
[30] CN (201310235017.0) 2013-06-14

[21] **2,849,603**
[13] A1

[51] **Int.Cl. B32B 33/00 (2006.01) B29C 47/06 (2006.01) B32B 27/08 (2006.01) B32B 37/02 (2006.01) B65D 65/40 (2006.01) B65D 81/18 (2006.01)**

[25] EN

[54] **CARBON DIOXIDE GAS PERMEABLE PACKAGING FILM**

[54] **PELLICULE D'EMBALLAGE PERMEABLE AU DIOXYDE DE CARBONE GAZEUX**

[72] TABATABAEI, SEYED HESAMODDIN, CA
[72] SESOLAK, JEFFREY P., US
[71] PROLAMINA MIDWEST CORPORATION, US
[22] 2014-04-23
[41] 2014-12-14
[30] US (13/918,148) 2013-06-14

[21] **2,849,605**
[13] A1

[51] **Int.Cl. B32B 27/08 (2006.01) B29C 47/06 (2006.01) B32B 7/12 (2006.01) B32B 33/00 (2006.01) B32B 37/15 (2006.01) B65D 65/40 (2006.01) B65D 81/18 (2006.01)**

[25] EN

[54] **PACKAGING FILM WITH SUPERIOR SEAL, BARRIER, AND FLEX CRACK RESISTANCE**

[54] **PELLICULE D'EMBALLAGE A ETANCHEITE, BARRIERE ET RESISTANCE AUX CRAQUELURES A LA FLEXION SUPERIEURES**

[72] TABATABAEI, SEYED HESAMODDIN, CA
[72] SESOLAK, JEFFREY P., US
[71] PROLAMINA MIDWEST CORPORATION, US
[22] 2014-04-23
[41] 2014-12-14
[30] US (13/918,310) 2013-06-14

[21] **2,850,802**
[13] A1

[51] **Int.Cl. B64D 25/00 (2006.01) B63B 39/03 (2006.01) B63B 43/06 (2006.01) B64C 17/08 (2006.01)**

[25] EN

[54] **ATTITUDE CONTROL OF AN AIRCRAFT IN A DITCHING CONDITION**

[54] **COMMANDE D'ATTITUDE D'UN AERONEF DURANT UN AMERRISSAGE FORCE**

[72] BOREN, KELLY L., US
[72] BARMICHEV, SERGEY D., US
[71] THE BOEING COMPANY, US
[22] 2014-05-01
[41] 2014-12-18
[30] US (13/921,012) 2013-06-18

[21] **2,850,813**
[13] A1

[51] **Int.Cl. G01L 19/00 (2006.01) F24C 3/00 (2006.01)**

[25] EN

[54] **MANOMETER QUICK CONNECT DEVICE FOR TESTING GAS PRESSURE OF A HOUSEHOLD COOKING APPLIANCE**

[54] **DISPOSITIF DE CONNEXION RAPIDE DE MANOMETRE POUR FAIRE L'ESSAI DE LA PRESSION DE GAZ D'UN APPAREIL ELECTROMENAGER DE CUISSON**

[72] BLALOCK, EDWARD, US
[72] WILSON, CLAUDE, US
[72] SMITH, DONNIE, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2014-05-01
[41] 2014-12-19
[30] US (13/921,306) 2013-06-19

[21] **2,851,068**
[13] A1

[51] **Int.Cl. B29C 70/36 (2006.01)**

[25] EN

[54] **FUSELAGE MANDREL INSERT AND METHOD**

[54] **PIECE RAPPORTEE ET PROCEDE DE MANDRIN DE FUSELAGE**

[72] NGUYEN, LOI K., US
[72] HAVENS, JESSE M., US
[72] MORASSUTTI, JEAN-MARC, US
[71] THE BOEING COMPANY, US
[22] 2014-05-01
[41] 2014-12-19
[30] US (13/921,595) 2013-06-19

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[21] **2,851,729**
 [13] A1

[51] **Int.Cl. H01B 1/00 (2006.01) B82Y 30/00 (2011.01) H01B 7/02 (2006.01)**

[25] FR

[54] **MANUFACTURING PROCESS FOR AN ELONGATED ELECTRICALLY CONDUCTIVE ELEMENT**

[54] **PROCEDE DE FABRICATION D'UN ELEMENT ELECTRIQUEMENT CONDUCTEUR ALLONGE**

[72] COMORET, EMILIE, FR

[72] BRUZEK, CHRISTIAN-ERIC, FR

[71] NEXANS, FR

[22] 2014-05-15

[41] 2014-12-17

[30] FR (13 55 615) 2013-06-17

[21] **2,851,841**
 [13] A1

[51] **Int.Cl. B65G 69/22 (2006.01) B61K 11/00 (2006.01) E04G 5/00 (2006.01) E04G 5/10 (2006.01) E04G 21/32 (2006.01)**

[25] EN

[54] **ADAPTABLE PLATFORM FOR LOADING AND UNLOADING RAILWAY CARS**

[54] **PLATEFORME ADAPTABLE POUR CHARGER ET DECHARGER DES WAGONS**

[72] MELTON, ALLAN J., US

[72] THOMASSON, ALLYN, US

[72] WILLIAMSON, RODRICK, US

[71] SAM CARBIS ASSET MANAGEMENT, LLC, US

[22] 2014-05-13

[41] 2014-12-17

[30] US (13/919,506) 2013-06-17

[21] **2,851,904**
 [13] A1

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

[25] EN

[54] **SYSTEM AND METHOD FOR INCREMENTALLY REPLICATING INVESTIGATIVE ANALYSIS DATA**

[54] **SYSTEME ET METHODE DE REPRODUCTION INCREMENTIELLE DE DONNEES D'ANALYSE D'ENQUETE**

[72] LANDAU, ALEXANDER, US

[72] WILSON, TIM, US

[72] DUCOTT, RICHARD ALLEN, III, US

[71] PALANTIR TECHNOLOGIES INC., US

[22] 2014-05-15

[41] 2014-12-20

[30] US (13/922,437) 2013-06-20

[21] **2,852,124**
 [13] A1

[51] **Int.Cl. A61C 13/007 (2006.01) A61C 13/08 (2006.01) A61C 13/10 (2006.01) G06F 17/50 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A DENTURE**

[54] **PROCEDE DE PRODUCTION D'UN DENTIER**

[72] RENZ, KARL-HEINZ, DE

[72] SAVIC, NOVICA, DE

[71] HERAEUS KULZER GMBH, DE

[22] 2014-05-16

[41] 2014-12-14

[30] DE (10 2013 211 154.1) 2013-06-14

[21] **2,852,291**
 [13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/22 (2006.01) A61B 17/221 (2006.01)**

[25] EN

[54] **SPECIMEN RETRIEVAL DEVICE INCLUDING A REUSABLE SHAFT WITH INTERCHANGEABLE POUCH**

[54] **DISPOSITIF DE RECUPERATION D'ECHANTILLONS COMPRENANT UNE TIGE REUTILISABLE AVEC POCHE INTERCHANGEABLE**

[72] HARTOUMBEEKIS, ELIAS, US

[71] COVIDIEN LP, US

[22] 2014-05-27

[41] 2014-12-14

[30] US (61/834,923) 2013-06-14

[30] US (14/247,297) 2014-04-08

[21] **2,852,292**
 [13] A1

[51] **Int.Cl. A61B 17/22 (2006.01) A61B 10/04 (2006.01) A61B 17/94 (2006.01)**

[25] EN

[54] **SPECIMEN RETRIEVAL DEVICE INCLUDING AN INTEGRATED SLIDING GRASPER**

[54] **DISPOSITIF DE RECUPERATION D'ECHANTILLONS COMPRENANT UN DISPOSITIF DE PREHENSION COULISSANT INTEGRE**

[72] MENN, DMITRI, US

[71] COVIDIEN LP, US

[22] 2014-05-27

[41] 2014-12-14

[30] US (61/834,948) 2013-06-14

[30] US (14/270,658) 2014-05-06

[21] **2,852,294**
 [13] A1

[51] **Int.Cl. A61B 17/115 (2006.01)**

[25] EN

[54] **ANVIL ASSEMBLY WITH SLIDING SLEEVE**

[54] **ENSEMBLE D'ENCLUME AVEC MANCHON COULISSANT**

[72] WILLIAMS, JUSTIN, US

[71] COVIDIEN LP, US

[22] 2014-05-27

[41] 2014-12-14

[30] US (13/917,729) 2013-06-14

[21] **2,852,323**
 [13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) F01D 17/00 (2006.01)**

[25] EN

[54] **DIFFUSER PIPE FOR A GAS TURBINE ENGINE AND METHOD FOR MANUFACTURING SAME**

[54] **TUYAU DIFFUSEUR POUR UN MOTEUR A TURBINE A GAZ ET PROCEDE DE FABRICATION DE CELUI-CI**

[72] THERATIL, IGNATIUS, CA

[72] ABATE, ALDO, CA

[72] BALKIE, KRISHNA PRASAD, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2014-05-23

[41] 2014-12-17

[30] US (61/835,701) 2013-06-17

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[21] **2,852,325**
[13] A1

[51] **Int.Cl. C09B 69/10 (2006.01) C09B 1/02 (2006.01)**
[25] EN
[54] **CARMINE COLORANTS**
[54] **COLORANTS CARMIN**
[72] FARRUGIA, VALERIE M., CA
[72] BIRAU, MARIA, CA
[72] IFTIME, GABRIEL, CA
[71] XEROX CORPORATION, US
[22] 2014-05-21
[41] 2014-12-18
[30] US (13/920164) 2013-06-18

[21] **2,852,333**
[13] A1

[51] **Int.Cl. G03G 9/113 (2006.01) C09D 133/10 (2006.01) G03G 8/00 (2006.01)**
[25] EN
[54] **NEGATIVE CHARGE CARRIER RESINS WITH RH SENSITIVITY**
[54] **RESINES DE PORTEURS DE CHARGE NEGATIVE A SENSIBILITE RH**
[72] VEREGIN, RICHARD P N, CA
[72] KOVALENKO, ANDRIY, CA
[72] GUSAROV, SERGEY, CA
[72] VANBESIEN, DARYL W., CA
[72] LI, QINGBIN, CA
[72] HAWKINS, MICHAEL S., CA
[71] XEROX CORPORATION, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2014-05-21
[41] 2014-12-14
[30] US (13/917664) 2013-06-14

[21] **2,852,336**
[13] A1

[51] **Int.Cl. C21D 9/50 (2006.01) B23K 37/00 (2006.01) B23P 6/04 (2006.01)**
[25] EN
[54] **METHOD FOR POST-WELD HEAT TREATMENT OF WELDED COMPONENTS MADE OF GAMMA PRIME STRENGTHENED SUPERALLOYS**
[54] **PROCEDE POUR TRAITEMENT THERMIQUE APRES SOUDURE DE COMPOSANTS SOUDES FAITS DE SUPERALLIAGES RENFORCES GAMMA PRIME**
[72] ETTER, THOMAS, CH
[72] BECKEL, DANIEL, CH
[72] OPDERBECKE, THOMAS, CH
[72] AMBROSY, GUENTER, CH
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2014-05-27
[41] 2014-12-18
[30] EP (13172402.3) 2013-06-18

[21] **2,852,398**
[13] A1

[51] **Int.Cl. C08J 3/07 (2006.01) C08L 67/00 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR PREPARING POLYESTER EMULSIONS**
[54] **PROCEDE AMELIORE POUR PREPARER DES EMULSIONS DE POLYESTER**
[72] QIU, SHIGANG STEVEN, CA
[72] CHENG, CHIEH-MIN, US
[72] GRILLO, AMY, US
[72] WANG, YULIN, CA
[72] MAHMOOD, RASHID, CA
[72] KURCEBA, DAVID, CA
[71] XEROX CORPORATION, US
[22] 2014-05-21
[41] 2014-12-17
[30] US (13/919989) 2013-06-17

[21] **2,852,424**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **IMPLANTABLE SLINGS**
[54] **ECHARPES IMPLANTABLES**
[72] MILLER, JEFFREY, US
[71] COVIDIEN LP, US
[22] 2014-05-28
[41] 2014-12-18
[30] US (61/836,364) 2013-06-18
[30] US (14/280,759) 2014-05-19

[21] **2,852,427**
[13] A1

[51] **Int.Cl. F16B 5/01 (2006.01) B64C 1/00 (2006.01) F16B 11/00 (2006.01)**
[25] EN
[54] **HONEYCOMB CORES WITH SPLICE JOINTS AND METHODS OF ASSEMBLING HONEYCOMB CORES**
[54] **NOYAUX D'AMES ALVEOLAIRES AVEC JOINTS DE RECOUVREMENT ET PROCEDES D'ASSEMBLAGE D'AMES ALVEOLAIRES**
[72] DEAN, THOMAS A., US
[72] GERKEN, NOEL T., US
[72] KNOLL, FREDERICK LEONARD, US
[72] WITHNELL, KURT WALTER, US
[71] THE BOEING COMPANY, US
[22] 2014-05-26
[41] 2014-12-17
[30] US (13/919182) 2013-06-17

[21] **2,852,444**
[13] A1

[51] **Int.Cl. F02C 7/047 (2006.01) B64D 15/12 (2006.01) F03G 7/08 (2006.01) F25B 47/00 (2006.01) F25C 5/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SUPPRESSING THE FORMATION OF ICE ON STRUCTURES AT THE AIR INTAKE OF A TURBOMACHINE**
[54] **PROCEDE ET DISPOSITIF POUR SUPPRIMER LA FORMATION DE GLACE SUR DES STRUCTURES A LA PRISE D'AIR D'UNE TURBOMACHINE**
[72] SZWEDOWICZ, JAROSLAW LESZEK, CH
[72] BAUER, ANDREAS, CH
[72] NEUBAUER, MARCUS, DE
[72] SCHWARZENDAHL, SEBASTIAN MARC, DE
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2014-05-28
[41] 2014-12-18
[30] EP (13172501.2) 2013-06-18

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[21] **2,852,484**
[13] A1

[51] **Int.Cl. G03G 9/113 (2006.01) C09D 133/10 (2006.01)**
 [25] EN
 [54] **CARRIER RESINS WITH IMPROVED RH SENSITIVITY**
 [54] **RESINES VEHICULES A SENSIBILITE RH AMELIOREE**
 [72] VEREGIN, RICHARD P. N., CA
 [72] LI, QINGBIN, CA
 [72] KOVALENKO, ANDRIY, CA
 [72] GUSAROV, SERGEY, CA
 [72] VANBESIEN, DARYL W., CA
 [72] HAWKINS, MICHAEL S., CA
 [71] XEROX CORPORATION, US
 [71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
 [22] 2014-05-21
 [41] 2014-12-14
 [30] US (13/917666) 2013-06-14

[21] **2,852,549**
[13] A1

[51] **Int.Cl. A61L 17/00 (2006.01) A61B 17/03 (2006.01) A61L 17/06 (2006.01)**
 [25] EN
 [54] **ADHESIVE BARBED FILAMENT**
 [54] **FILAMENT BARBELE ADHESIF**
 [72] OSTAPOFF, ROLAND, US
 [72] SARGEANT, TIMOTHY, US
 [71] COVIDIEN LP, US
 [22] 2014-05-29
 [41] 2014-12-18
 [30] US (61/836,374) 2013-06-18
 [30] US (14/269,225) 2014-05-05

[21] **2,852,698**
[13] A1

[51] **Int.Cl. B64D 33/00 (2006.01) F02C 3/30 (2006.01) F02C 7/143 (2006.01)**
 [25] FR
 [54] **MULTI-ENGINE POWERPLANT EQUIPPED WITH A BACK-UP FLUID INJECTION SYSTEM, AND AIRCRAFT**
 [54] **INSTALLATION MOTRICE MULTIMOTEUR MUNIE D'UN SYSTEME DE SECOURS D'INJECTION DE FLUIDE, ET AERONEF**
 [72] DYRLA, FREDERIC, FR
 [72] STEPHANT, ROMAIN, FR
 [71] AIRBUS HELICOPTERS, FR
 [22] 2014-05-27
 [41] 2014-12-19
 [30] FR (13 01420) 2013-06-19

[21] **2,852,846**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 19/00 (2006.01)**
 [25] EN
 [54] **EMERGENCY RETRACTION FOR ELECTRO-MECHANICAL SURGICAL DEVICES AND SYSTEMS**
 [54] **RETRACTION D'URGENCE POUR DISPOSITIFS ET SYSTEMES CHIRURGICAUX ELECTROMECHANIQUES**
 [72] IGNSMANSO, MICHAEL, US
 [72] SNOW, JOSHUA, US
 [72] WINGARDNER, THOMAS, US
 [72] MCCUEN, DAVID, US
 [72] IRKA, PHILIP, US
 [71] COVIDIEN LP, US
 [22] 2014-06-02
 [41] 2014-12-18
 [30] US (61/836,180) 2013-06-18
 [30] US (14/285,782) 2014-05-23

[21] **2,853,140**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01)**
 [25] EN
 [54] **METHOD OF EMERGENCY RETRACTION FOR ELECTRO-MECHANICAL SURGICAL DEVICES AND SYSTEMS**
 [54] **PROCEDE DE RETRACTION D'URGENCE POUR DISPOSITIFS ET SYSTEMES CHIRURGICAUX ELECTROMECHANIQUES**
 [72] IGNSMANSO, MICHAEL, US
 [72] SNOW, JOSHUA, US
 [72] WINGARDNER, THOMAS, US
 [72] MCCUEN, DAVID, US
 [72] IRKA, PHILIP, US
 [71] COVIDIEN LP, US
 [22] 2014-05-30
 [41] 2014-12-18
 [30] US (61/836,181) 2013-06-18
 [30] US (14/285,856) 2014-05-23

[21] **2,853,263**
[13] A1

[51] **Int.Cl. H01F 27/02 (2006.01) H01F 27/12 (2006.01)**
 [25] EN
 [54] **TRAPEZOIDAL, FLANGED OUT, SLANTED TRANSFORMER TANK WITH GLUED SHOE BOX COVER**
 [54] **CUVE DE TRANSFORMATEUR INCLINEE, EVASEE ET TRAPEZOIDALE AVEC COUVERCLE DE BOITE A CHAUSSURES COLLE**
 [72] ZWEIFEL, BRYAN, US
 [72] BASEL, DANA L., US
 [72] NEUENSWANDER, JOE W., US
 [72] JACOBSON, JOHN V., US
 [72] SUMNER, ROBERT I., US
 [71] ABB TECHNOLOGY AG, CH
 [22] 2014-06-02
 [41] 2014-12-14
 [30] US (13/917,674) 2013-06-14

[21] **2,853,427**
[13] A1

[51] **Int.Cl. F15B 21/00 (2006.01)**
 [25] EN
 [54] **RESERVOIR ASSEMBLY WITH BREATHER VENT**
 [54] **ENSEMBLE DE RESERVOIR A RENIFLARD**
 [72] WIENS, SCOTT R., US
 [72] BILL, RANDALL K., US
 [72] LEMIRE, JARROD A., US
 [71] DEERE & COMPANY, US
 [22] 2014-06-04
 [41] 2014-12-17
 [30] US (13/919,338) 2013-06-17

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[21] **2,853,577**
[13] A1

[51] **Int.Cl. G01N 33/24 (2006.01)**
[25] EN
[54] **METHODS FOR QUANTITATIVE ANALYSIS OF ASBESTOS IN VERMICULITE-CONTAINING MATERIALS**

[54] **METHODES POUR ANALYSE QUANTITATIVE DE L'AMIANTE PRESENTE DANS LES MATERIAUX CONTENANT DE LA VERMICULITE**

[72] LEE, RICHARD J., US
[72] SANCHEZ, MATTHEW SPENCER, US
[72] LEVINE, ALAN M., US
[71] RJ LEE GROUP, INC., US
[22] 2014-06-05
[41] 2014-12-14
[30] US (13/918,071) 2013-06-14

[21] **2,853,769**
[13] A1

[51] **Int.Cl. B05C 1/02 (2006.01) B65D 35/36 (2006.01)**
[25] EN
[54] **SKIN ANTISEPTIC APPLICATOR AND METHODS OF MAKING AND USING THE SAME**

[54] **APPLICATEUR D'ANTISEPTIQUE POUR LA PEAU ET PROCEDES POUR FABRIQUER ET UTILISER CELUI-CI**

[72] CHIANG, CASPER W., US
[72] MA, BENJAMIN, US
[71] THE CLOROX COMPANY, US
[22] 2014-06-06
[41] 2014-12-17
[30] US (61/836,052) 2013-06-17
[30] US (14/261,360) 2014-04-24
[30] US (14/289,383) 2014-05-28

[21] **2,853,805**
[13] A1

[51] **Int.Cl. A61M 35/00 (2006.01) A61F 13/40 (2006.01) A01N 25/34 (2006.01) A01N 47/44 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **SKIN ANTISEPTIC APPLICATOR AND METHODS OF MAKING AND USING THE SAME**

[54] **APPLICATEUR D'ANTISEPTIQUE POUR LA PEAU ET PROCEDES POUR FABRIQUER ET UTILISER CELUI-CI**

[72] CHIANG, CASPER W., US
[72] MA, BENJAMIN, US
[72] KIRSCH, BRADLEY L., US
[71] THE CLOROX COMPANY, US
[22] 2014-06-06
[41] 2014-12-17
[30] US (61/836,052) 2013-06-17
[30] US (14/261,360) 2014-04-24

[21] **2,853,736**
[13] A1

[51] **Int.Cl. B05C 1/02 (2006.01) B65D 35/36 (2006.01)**
[25] EN
[54] **SKIN ANTISEPTIC APPLICATOR AND METHODS OF MAKING AND USING THE SAME**

[54] **APPLICATEUR D'ANTISEPTIQUE POUR LA PEAU ET PROCEDES POUR FABRIQUER ET UTILISER CELUI-CI**

[72] CHIANG, CASPER W., US
[72] MA, BENJAMIN, US
[72] KIRSCH, BRADLEY L., US
[71] THE CLOROX COMPANY, US
[22] 2014-06-06
[41] 2014-12-17
[30] US (61/836,052) 2013-06-17
[30] US (14/261,360) 2014-04-24
[30] US (14/286,509) 2014-05-23

[21] **2,853,803**
[13] A1

[51] **Int.Cl. G05D 1/10 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **FLYING VEHICLE GUIDING SYSTEM AND FLYING VEHICLE GUIDING METHOD**

[54] **SYSTEME DE GUIDAGE DE VEHICULE VOLANT ET PROCEDE DE GUIDAGE DE VEHICULE VOLANT**

[72] OHTOMO, FUMIO, JP
[72] KUMAGAI, KAORU, JP
[72] OSARAGI, KAZUKI, JP
[72] OTANI, HITOSHI, JP
[71] KABUSHIKI KAISHA TOPCON, JP
[22] 2014-06-06
[41] 2014-12-14
[30] JP (JP2013-126100) 2013-06-14

[21] **2,853,819**
[13] A1

[51] **Int.Cl. B25H 7/00 (2006.01)**
[25] EN
[54] **MARKING IMPLEMENT**

[54] **INSTRUMENT D'ECRITURE**

[72] CANDELA, MASSIMO, IT
[71] F.I.L.A. - FABBRICA ITALIANA LAPIS ED AFFINI S.P.A., IT
[22] 2014-06-05
[41] 2014-12-17
[30] EP (13425083.6) 2013-06-17

[21] **2,853,852**
[13] A1

[51] **Int.Cl. B65F 3/00 (2006.01) B62D 33/023 (2006.01)**
[25] EN
[54] **TAILGATE WITH STRUCTURALLY INTEGRATED CNG SYSTEM**

[54] **HAYON AVEC SYSTEME CNG INTEGRE STRUCTURELLEMENT**

[72] MCKINNEY, BOBBY RAY, US
[71] THE HEIL CO., US
[22] 2014-06-10
[41] 2014-12-18
[30] US (61/836,378) 2013-06-18
[30] US (14/107,789) 2013-12-16

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[21] **2,853,914**
 [13] A1

[51] **Int.Cl. E21B 7/04 (2006.01)**
 [25] EN
 [54] **DRILL STRING WITH ALUMINUM DRILL PIPES, BENT HOUSING, AND MOTOR**
 [54] **TRAIN DE TIGES DE FORAGE AVEC TUYAUX DE FORAGE EN ALUMINIUM, BOITIER PLIE ET MOTEUR**
 [72] EVANS, NIGEL MARK, US
 [71] RYAN DIRECTIONAL SERVICES, US
 [22] 2014-06-09
 [41] 2014-12-14
 [30] US (61/835,318) 2013-06-14

[21] **2,854,016**
 [13] A1

[51] **Int.Cl. B21D 1/05 (2006.01)**
 [25] EN
 [54] **METHOD AND APPARATUS FOR STRETCH-LEVELING METAL STRIP**
 [54] **PROCEDE ET APPAREIL POUR PLANAGE PAR ETIRAGE D'UNE BANDE METALLIQUE**
 [72] NOE, ANDREAS, DE
 [71] BWG BERGWERK- UND WALZWERK-MASCHINENBAU GMBH, DE
 [22] 2014-06-11
 [41] 2014-12-14
 [30] DE (10 2013 106 243.1) 2013-06-14

[21] **2,854,090**
 [13] A1

[51] **Int.Cl. G01R 29/00 (2006.01) H02J 13/00 (2006.01)**
 [25] FR
 [54] **CALCULATION SYSTEM OF AN ELECTRICAL MAGNITUDE, TRANSFORMATION STATION INCLUDING SUCH A SYSTEM AND CALCULATION PROCESS OF AN ELECTRICAL MAGNITUDE WITH SUCH A SYSTEM**
 [54] **SYSTEME DE CALCUL D'UNE GRANDEUR ELECTRIQUE, POSTE DE TRANSFORMATION COMPRENANT UN TEL SYSTEME ET PROCEDE DE CALCUL D'UNE GRANDEUR ELECTRIQUE AVEC UN TEL SYSTEME**

[21] **2,853,983**
 [13] A1

[51] **Int.Cl. H04W 4/22 (2009.01) H04W 4/16 (2009.01) H04W 80/00 (2009.01)**
 [25] EN
 [54] **DISABLE OF SUPPLEMENTARY SERVICE ON EMERGENCY IN IMS NETWORK**
 [54] **DESACTIVATION D'UN SERVICE SUPPLEMENTAIRE EN CAS D'URGENCE DANS UN RESEAU IMS**
 [72] LIU, MAN-YEE, CA
 [72] FRUMOVITCH, MICHAEL, CA
 [72] LEUNG, WING CHI, CA
 [72] MIHAYLOV, TENIO MIHAYLOV, CA
 [71] ROGERS COMMUNICATIONS INC., CA
 [22] 2014-06-11
 [41] 2014-12-14
 [30] US (13/917,807) 2013-06-14

[21] **2,854,051**
 [13] A1

[51] **Int.Cl. G08B 13/00 (2006.01) H04N 21/414 (2011.01) H04N 21/4223 (2011.01) G08B 13/196 (2006.01) G08C 17/02 (2006.01) H04N 5/30 (2006.01)**
 [25] EN
 [54] **HANDS-FREE USER INTERFACE FOR SECURITY SYSTEMS**
 [54] **INTERFACE UTILISATEUR MAINS LIBRES POUR SYSTEMES DE SECURITE**
 [72] PROBIN, ROBERT JOHN, US
 [72] SCHMIT, THOMAS PAUL, US
 [71] HONEYWELL INTERNATIONAL INC., US
 [22] 2014-06-09
 [41] 2014-12-19
 [30] US (13/921,683) 2013-06-19

[72] COUPELOU, OLIVIER, FR
 [72] SILLANS, DAMIEN, FR
 [72] GAILLARD, MAXIME, FR
 [71] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
 [22] 2014-06-10
 [41] 2014-12-17
 [30] FR (13 55 657) 2013-06-17

[21] **2,853,993**
 [13] A1

[51] **Int.Cl. B01D 53/14 (2006.01)**
 [25] EN
 [54] **PROCESS AND APPARATUS FOR SEPARATING METAL CARBONYLS FROM GAS MIXTURES**
 [54] **PROCEDE ET APPAREIL POUR SEPARER LES CARBONYLES DE METAUX DES MELANGES GAZEUX**
 [72] KERESTECIOGLU, ULVI, DE
 [72] HABERLE, THOMAS, DE
 [71] LINDE AKTIENGESELLSCHAFT, DE
 [22] 2014-06-11
 [41] 2014-12-18
 [30] DE (102013010103.4) 2013-06-18

[21] **2,854,112**
 [13] A1

[51] **Int.Cl. H01H 9/20 (2006.01) H01H 3/16 (2006.01) H02B 1/26 (2006.01)**
 [25] EN
 [54] **LOCKOUT DEVICE FOR SWITCHGEAR**
 [54] **DISPOSITIF DE VERROUILLAGE POUR APPAREILLAGE DE CONNEXION**
 [72] GIEGER, JEFFREY S., US
 [72] BINDICS, CHARLES, US
 [71] THOMAS & BETTS INTERNATIONAL, LLC, US
 [22] 2014-06-12
 [41] 2014-12-17
 [30] US (61/835,715) 2013-06-17
 [30] US (14/297,721) 2014-06-06

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[21] **2,854,121**
[13] A1

[51] **Int.Cl. B60R 3/00 (2006.01) B60P 1/43 (2006.01) B62D 25/22 (2006.01) B65G 67/04 (2006.01) E04F 11/00 (2006.01) E04G 27/00 (2006.01)**

[25] EN
[54] **STEP APPARATUS**
[54] **DISPOSITIF DE SEUIL**
[72] BOGUSLAWSKI, JOHN, US
[71] BOSSKI, INC., US
[22] 2014-06-11
[41] 2014-12-18
[30] US (US 13/921,198) 2013-06-18

[21] **2,854,125**
[13] A1

[51] **Int.Cl. G01N 33/483 (2006.01)**

[25] EN
[54] **ORIENTATION INDEPENDENT METER**
[54] **DISPOSITIF DE MESURE INDEPENDANT DE L'ORIENTATION**
[72] RODGERS, JAMES IAIN, GB
[72] RITCHIE, LAWRENCE, GB
[72] ZVIKHACHEVSKAYA, ANNA, GB
[72] NELSON, JONATHAN, GB
[72] MORALES, CARLOS, US
[71] CILAG GMBH INTERNATIONAL, CH
[22] 2014-06-11
[41] 2014-12-19
[30] US (13/921,610) 2013-06-19

[21] **2,854,173**
[13] A1

[51] **Int.Cl. E04G 17/00 (2006.01)**

[25] EN
[54] **A FORMWORK ANCHOR RECEPTACLE, A FORMWORK ANCHOR AS WELL AS A FORMWORK ELEMENT FOR RECEIVING THESE**
[54] **RECEPTACLE D'ANCRAGE DE COFFRAGE, ANCRAGE DE COFFRAGE ET ELEMENT DE COFFRAGE LES RECEVANT**
[72] AMON, PETER, AT
[71] DOKA INDUSTRIE GMBH, AT
[22] 2014-06-13
[41] 2014-12-19
[30] DE (10 2013 211 490.7) 2013-06-19

[21] **2,854,286**
[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 50/14 (2012.01)**

[25] EN
[54] **TRAVEL BOOKING INVENTORY MANAGEMENT**
[54] **GESTION D'INVENTAIRE DE RESERVATION DE VOYAGE**
[72] BORNAT, FRANS, FR
[72] ARMAND, MAXIME, FR
[72] AMBOLET, PATRICE, FR
[72] CHOUBERT, LUC, FR
[72] PISCINA, CHRISTEL, FR
[71] AMADEUS S.A.S., FR
[22] 2014-06-12
[41] 2014-12-20
[30] EP (13 290 146.3) 2013-06-20
[30] US (13/922,385) 2013-06-20

[21] **2,854,290**
[13] A1

[51] **Int.Cl. G08C 19/12 (2006.01) A61B 17/94 (2006.01) A61M 25/00 (2006.01) G08C 19/02 (2006.01)**

[25] EN
[54] **MULTIPLE BIPOLAR SAMPLING**
[54] **ECHANTILLONNAGE BIPOLAIRE MULTIPLE**
[72] LICHTENSTEIN, YOAV, IL
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2014-06-13
[41] 2014-12-17
[30] US (13/919,229) 2013-06-17

[21] **2,854,300**
[13] A1

[51] **Int.Cl. B63H 3/10 (2006.01) B63H 20/00 (2006.01) B63H 21/21 (2006.01)**

[25] EN
[54] **CONTROL APPARATUS FOR BOAT**
[54] **APPAREIL DE COMMANDE POUR BATEAU**
[72] KURIYAGAWA, KOJI, JP
[72] YAMAMOTO, HIROSHI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2014-06-12
[41] 2014-12-18
[30] JP (2013-127113) 2013-06-18

[21] **2,854,306**
[13] A1

[51] **Int.Cl. B65G 47/52 (2006.01)**

[25] EN
[54] **CONVEYOR APPARATUS FOR LOADING OR UNLOADING PACKAGES FROM SHIPPING CONTAINERS**
[54] **APPAREIL TRANSPORTEUR POUR CHARGER ET DECHARGER DES PAQUETS A PARTIR DE CONTENEURS D'EXPEDITION**
[72] CAMPBELL, COLIN A., CA
[72] REGER, BRAD R.H., CA
[71] ENGINEERED LIFTING SYSTEMS & EQUIPMENT INC., CA
[22] 2014-06-13
[41] 2014-12-14
[30] US (13/917832) 2013-06-14

[21] **2,854,307**
[13] A1

[51] **Int.Cl. G06F 3/0487 (2013.01) G06F 21/31 (2013.01) G06F 3/023 (2006.01)**

[25] EN
[54] **METHOD AND SYSTEM FOR ALLOWING ANY LANGUAGE TO BE USED AS PASSWORD**
[54] **PROCEDE ET SYSTEME POUR PERMETTRE L'UTILISATION DE TOUTE LANGUE COMME MOT DE PASSE**
[72] HARTMAN, ROBERT ARTHUR, US
[72] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[72] PATWA, RAHUL, US
[71] BLACKBERRY LIMITED, CA
[22] 2014-06-12
[41] 2014-12-14
[30] US (13/918,080) 2013-06-14

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[21] **2,854,310**
[13] A1

[51] **Int.Cl. B60S 1/32 (2006.01)**
[25] EN
[54] **HEATING DEVICE INTENDED FOR A WINDSCREEN WIPER AND WINDSCREEN WIPER HAVING SUCH A HEATING DEVICE**

[54] **DISPOSITIF CHAUFFANT DESTINE A UN ESSUIE-GLACE ET ESSUIE-GLACE COMPORTANT UN TEL DISPOSITIF CHAUFFANT**

[72] CAILLOT, GERALD, FR
[72] IZABEL, VINCENT, FR
[72] JARASSON, JEAN-MICHEL, FR
[71] VALEO SYSTEMES D'ESSUYAGE, FR

[22] 2014-06-12
[41] 2014-12-20
[30] FR (13 55 852) 2013-06-20

[21] **2,854,311**
[13] A1

[51] **Int.Cl. E21B 21/10 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **CLEAN OUT SUB**
[54] **REDUCTION DE NETTOYAGE**

[72] O'NEAL, ERIC JOHN, US
[72] KRUEGER, RUDOLPH ERNST, V, US
[72] TROWBRIDGE, ANDREW ALEXANDER, US

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

[22] 2014-06-12
[41] 2014-12-19
[30] US (61/836,951) 2013-06-19
[30] US (14/295,861) 2014-06-04

[21] **2,854,316**
[13] A1

[51] **Int.Cl. F28D 7/00 (2006.01) B64D 13/08 (2006.01) B64D 33/00 (2006.01) F01N 5/02 (2006.01)**
[25] FR
[54] **HEATING SYSTEM FOR THE CABIN OF AN AIRCRAFT EQUIPPED WITH AN ANNULAR HEAT EXCHANGER AROUND THE EXHAUST NOZZLE**

[54] **SYSTEME DE CHAUFFAGE DE L'HABITACLE D'UN AERONEF MUNI D'UN ECHANGEUR THERMIQUE ANNULAIRE AUTOUR DE LA TUYERE D'ECHAPPEMENT**

[72] POMME, VINCENT, FR
[71] AIRBUS HELICOPTERS, FR

[22] 2014-06-12
[41] 2014-12-18
[30] FR (13 01413) 2013-06-18

[21] **2,854,324**
[13] A1

[51] **Int.Cl. F25B 15/04 (2006.01) B60H 1/32 (2006.01) B60P 3/20 (2006.01)**
[25] EN
[54] **REFRIGERATION ARRANGEMENT FOR TRANSPORTATION VEHICLE CABINS**

[54] **DISPOSITIF DE REFRIGERATION POUR CABINES DE VEHICULES DE TRANSPORT**

[72] COLUSSI, RAFAEL ANTONIO, ZZ
[72] VENICA, NESTOR JUAN, ZZ
[71] COL-VEN S.A., AR

[22] 2014-06-13
[41] 2014-12-14
[30] ES (201330886) 2013-06-14

[21] **2,854,338**
[13] A1

[51] **Int.Cl. B01D 46/44 (2006.01)**
[25] EN
[54] **AIR QUALITY CONTROLLED AIR FILTERING SYSTEM**

[54] **SYSTEME DE FILTRATION D'AIR A COMMANDE DE QUALITE D'AIR**

[72] REID, JOHN, US
[71] ROBOVENT PRODUCTS GROUP, INC., US

[22] 2014-06-13
[41] 2014-12-14
[30] US (61/834,980) 2013-06-14

[21] **2,854,342**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SHOPPER HELPER**
[54] **AIDE POUR ACHETEUR**

[72] GRIMAUD, JEAN-JACQUES, US
[72] MARTIN, WILLIAM, US
[71] DASSAULT SYSTEMES, FR

[22] 2014-06-13
[41] 2014-12-20
[30] US (13/922,591) 2013-06-20

[21] **2,854,374**
[13] A1

[51] **Int.Cl. F02N 11/00 (2006.01) F02N 11/08 (2006.01)**
[25] EN
[54] **COMBUSTION AND EMERGENCY START CONTROLLING DEVICE HAVING AUXILIARY POWER SOURCE AND SYSTEM THEREOF**

[54] **DISPOSITIF DE COMMANDE DE COMBUSTION ET D'ALERTE D'URGENCE COMPORTANT UNE SOURCE D'ALIMENTATION AUXILIAIRE ET SYSTEME ASSOCIE**

[72] YANG, TAI-HER, TW
[71] YANG, TAI-HER, TW

[22] 2014-06-16
[41] 2014-12-19
[30] US (13/921,262) 2013-06-19

[21] **2,854,384**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **WIND TURBINE BLADE WITH EXTENDED SHELL SECTION**

[54] **PALE DE TURBINE EOLIENNE AVEC SECTION DE COQUE ETENDUE**

[72] RUIJTER, WOUT, DK
[71] ENVISION ENERGY (DENMARK) APS, DK

[22] 2014-06-16
[41] 2014-12-17
[30] DK (PA 2013 70323) 2013-06-17

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[21] **2,854,386**
[13] A1

[51] **Int.Cl. A47G 7/02 (2006.01) E02D 5/80 (2006.01) F16M 13/00 (2006.01)**

[25] EN
[54] **POT-SECURING APPARATUS AND METHOD OF USE THEREOF**
[54] **DISPOSITIF D'IMMOBILISATION DE POT ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] BRODEUR, ALAIN, CA
[71] PEPINIERE DU JASEUR INC., CA
[22] 2014-06-13
[41] 2014-12-14
[30] US (61/834,941) 2013-06-14
[30] US (14/304,418) 2014-06-13

[21] **2,854,390**
[13] A1

[51] **Int.Cl. C25B 1/04 (2006.01) A61K 33/00 (2006.01) B01F 3/02 (2006.01)**

[25] EN
[54] **GAS GENERATOR FOR HEALTH USE**
[54] **GENERATEUR DE GAZ A DES FINS DE SOINS DE SANTE**
[72] LIN, HSIN-YUNG, CN
[71] LIN, HSIN-YUNG, CN
[22] 2014-06-16
[41] 2014-12-19
[30] CN (201310244278.9) 2013-06-19

[21] **2,854,395**
[13] A1

[51] **Int.Cl. B60P 7/08 (2006.01) B60N 2/24 (2006.01) B60N 2/44 (2006.01)**

[25] EN
[54] **TRACK AND SEAT ADAPTER FOR POSITIONING AND LOCKING WHEELCHAIRS AND TRANSIT SEATS**
[54] **ADAPTATEUR DE PISTE ET DE SIEGE POUR POSITIONNER ET VERROUILLER DES FAUTEUILS ROULANTS ET DES SIEGES DE TRANSIT**
[72] FENTON, SCOTT IVAN, US
[72] HILDOM, GERALD JAMES, US
[71] FENTON MOBILITY PRODUCTS INC., US
[22] 2014-06-16
[41] 2014-12-17
[30] US (13/919,684) 2013-06-17

[21] **2,854,406**
[13] A1

[51] **Int.Cl. A42B 3/20 (2006.01) A42B 3/22 (2006.01)**

[25] EN
[54] **HELMET WITH VISOR**
[54] **CASQUE AVEC VISIERE**
[72] GOTTI, ANGLEO, IT
[71] KASK S.R.L., IT
[22] 2014-06-13
[41] 2014-12-18
[30] IT (MI2013A001006) 2013-06-18

[21] **2,854,412**
[13] A1

[51] **Int.Cl. B23D 61/12 (2006.01)**

[25] EN
[54] **RECIP BLADE**
[54] **LAME A VA-ET-VIENT**
[72] GREEN, MATTHEW C., US
[71] IRWIN INDUSTRIAL TOOL COMPANY, US
[22] 2014-06-16
[41] 2014-12-18
[30] US (61/836,502) 2013-06-18

[21] **2,854,415**
[13] A1

[51] **Int.Cl. A01D 90/02 (2006.01)**

[25] EN
[54] **DUAL TRACK**
[54] **PISTE DOUBLE**
[72] VAN MILL, MICHAEL D., US
[71] UNVERFERTH MANUFACTURING COMPANY, INC., US
[22] 2014-06-16
[41] 2014-12-14
[30] US (61/835,111) 2013-06-14

[21] **2,854,417**
[13] A1

[51] **Int.Cl. G01P 13/02 (2006.01) H02S 20/20 (2014.01)**

[25] EN
[54] **SELF-ILLUMINATING WINDSOCK**
[54] **MANCHE A VENT AUTO-ECLAIRANTE**
[72] ANDERSON, JASON R., US
[71] ENERSAFE, INC., US
[22] 2014-06-16
[41] 2014-12-14
[30] US (61/835,135) 2013-06-14

[21] **2,854,419**
[13] A1

[51] **Int.Cl. B25H 3/02 (2006.01) B65D 25/04 (2006.01)**

[25] EN
[54] **TOOL ORGANISER**
[54] **ORGANISEUR D'OUTILS**
[72] VILKOMIRSKI, GIL, IL
[72] HOROVITZ, NADIN DANIEL, IL
[71] THE STANLEY WORKS ISRAEL LTD., IL
[22] 2014-06-16
[41] 2014-12-20
[30] EP (13172986.5) 2013-06-20

[21] **2,854,497**
[13] A1

[51] **Int.Cl. A01D 75/00 (2006.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING AGRICULTURAL COMMODITIES, E.G. CROP INVENTORIES**
[54] **SYSTEME ET PROCEDE POUR ASSURER LE SUIVI DES PRODUITS AGRICOLES, P.EX. STOCKS DE CULTURES**
[72] CHANASYK, LARRY, CA
[72] BODIE, CAMERON, CA
[72] CLASSEN, BRIAN, CA
[72] KAEDING, MICHAEL, CA
[72] RYDER, NICK, CA
[71] BRANDT INDUSTRIES LTD., CA
[22] 2014-06-16
[41] 2014-12-14
[30] US (61/835,137) 2013-06-14

[21] **2,854,504**
[13] A1

[51] **Int.Cl. G06Q 50/34 (2012.01)**

[25] EN
[54] **CONTINUOUS PLAY IN HISTORICAL RACING DEVICES**
[54] **LECTURE CONTINUE DANS DES DISPOSITIFS DE COURSE HISTORIQUES**
[72] HERBERT, RICHARD A., US
[72] GEOGHEGAN, WILLIAM T., US
[71] HERBERT, RICHARD A., US
[71] GEOGHEGAN, WILLIAM T., US
[22] 2014-06-17
[41] 2014-12-17
[30] US (61/835,969) 2013-06-17

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[21] **2,854,510**
[13] A1

[51] **Int.Cl. A63B 71/06 (2006.01) G06F 3/14 (2006.01) H04L 12/16 (2006.01)**
 [25] EN
 [54] **HOME SCOREBOARD SYNCHRONIZED IN REAL-TIME TO GAME-SPECIFIC DATA**
 [54] **TABLEAU D'AFFICHAGE SYNCHRONISE EN TEMPS REEL EN FONCTION DE DONNEES RELATIVES A UNE PARTIE**
 [72] NAULT, WILL, CA
 [72] RICHARDS, TYLER, CA
 [71] NAULT, WILL, CA
 [71] RICHARDS, TYLER, CA
 [22] 2014-06-17
 [41] 2014-12-17
 [30] US (61/835,826) 2013-06-17

[21] **2,854,513**
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61P 37/04 (2006.01)**
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 [54] **FORMULATION WITH IMMUNO-STIMULANT/ADJUVANT ACTIVITY**
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 [72] VALENZUELA MONTENEGRO, BEATRIZ, CL
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 [71] ORTHOFI, INC., US
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 [54] **METHODE D'EVALUATION DE DUREE UTILE RESTANTE POUR ELEMENT EN ACIER THERMORESISTANT**
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 [72] JONES, MARTELLO MICHEALANGELO, CA
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[54] **METHODE DE FORMATION D'UNE PROTHESE A L'AIDE D'UNE COQUILLE EXTERIEURE CREUSE**
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[71] LIFEART PROSTHETICS INC., CA
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[71] FREUDENBERG FILTRATION TECHNOLOGIES, LLC, US
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[72] VICE, CHARLES A., US
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[72] MESTEMACHER, STEVEN ALAN, US
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[72] SAJE, STEVE, US
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[54] **SYSTEME ET METHODE A SAUT DE BANDE POUR L'ACQUISITION DE DONNEES SISMIQUES A GRAND AZIMUT**
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[54] **APPAREIL DE COMMANDE POUR LA DISTRIBUTION DE PETITES QUANTITES PRECISES D'AGENTS REACTIFS LIQUIDES**
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[72] LAMBERT, JOSEPH J., US
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[54] **PROCEDE POUR PREDIRE LA QUANTITE ET LA COMPOSITION DES FLUIDES PRODUITS PAR DES REACTIONS MINERALES OPERANT DANS UN BASSIN SEDIMENTAIRE**
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[72] RUDKIEWICZ, JEAN-LUC, FR
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[54] **METHODE DE SELECTION D'ANGLE DE PLAN DE PIED POUR UNE ACTIVITE DE GLISSE**
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[54] **CUVELAGE EN PLUSIEURS ETAPES AVEC VANNES EN GRAPPE ET PROCEDE D~UTILISATION**

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[54] **ENSEMBLE DE LUMINAIRES ET APPAREIL ET METHODES D'INSTALLATION ASSOCIES**

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[13] A1

[51] **Int.Cl. A63F 13/2145 (2014.01)**

[25] EN
[54] **GRAPHICAL USER INTERFACE FOR A GAMING SYSTEM**
[54] **INTERFACE UTILISATEUR GRAPHIQUE POUR UN SYSTEME DE JEU**

[72] DEROME, JOHN NICHOLAS, FI
[72] LEPPINEN, LASSI, FI
[71] SUPERCCELL OY, FI

[85] 2014-10-06
[86] 2013-04-09 (PCT/IB2013/001211)
[87] (WO2013/186616)
[30] US (13/479,637) 2012-05-24

[21] **2,870,101**
[13] A1

[51] **Int.Cl. B41N 3/03 (2006.01) B41C 1/00 (2006.01) B41N 1/06 (2006.01) C23C 14/14 (2006.01) C23C 14/35 (2006.01)**

[25] EN
[54] **INTAGLIO PRINTING PLATE COATING APPARATUS**
[54] **APPAREIL DE REVETEMENT DE PLAQUE D'IMPRESSION EN CREUX**

[72] GREMION, FRANCOIS, CH
[72] CLAUDE, LAURENT, CH
[71] KBA-NOTASYS SA, CH

[85] 2014-10-09
[86] 2013-04-12 (PCT/IB2013/052923)
[87] (WO2013/153536)
[30] EP (12163838.1) 2012-04-12

[21] **2,870,237**
[13] A1

[51] **Int.Cl. E02D 27/52 (2006.01) E02B 17/00 (2006.01) E04H 12/00 (2006.01) F03D 11/04 (2006.01)**

[25] EN
[54] **OFFSHORE STRUCTURE INSTALLATION**
[54] **INSTALLATION DE STRUCTURES AU LARGE DES COTES**

[72] GLUKHOVSKOY, KIRILL, GB
[72] KENNEDY, GRAHAM HOWIE, GB
[72] WREN, JONATHAN MICHAEL, GB
[71] OFFSHORE GROUP NEWCASTLE LIMITED, GB

[85] 2014-10-10
[86] 2013-04-11 (PCT/GB2013/050945)
[87] (WO2013/153395)
[30] GB (1206400.2) 2012-04-11

[21] **2,870,241**
[13] A1

[51] **Int.Cl. H05B 6/10 (2006.01) G01K 7/16 (2006.01)**

[25] EN
[54] **DEVICE FOR INDUCTIVELY HEATING A HEATING ELEMENT**
[54] **DISPOSITIF DE CHAUFFE PAR INDUCTION D'UN CORPS DE CHAUFFE**

[72] PANKRATZ, HARRI, DE
[72] THIEMANN, HANS-JOACHIM, DE
[71] BEHR-HELLA THERMOCONTROL GMBH, DE

[85] 2014-10-10
[86] 2013-05-08 (PCT/EP2013/059640)
[87] (WO2013/167686)
[30] DE (10 2012 207 847.9) 2012-05-10

[21] **2,873,629**
[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01) C07K 14/005 (2006.01) A61K 38/00 (2006.01)**

[25] EN
[54] **VACCINES FOR HSV-2**
[54] **VACCINS CONTRE LE HSV-2**

[72] DUBENSKY, THOMAS W., JR., US
[72] HOSKEN, NANCY A., US
[72] ROBBINS, SCOTT H., US
[72] MOORE, MARGARET D., US
[71] IMMUNE DESIGN CORP., US

[85] 2014-11-13
[86] 2013-05-16 (PCT/US2013/041364)
[87] (WO2013/173590)
[30] US (61/647,764) 2012-05-16
[30] US (61/679,387) 2012-08-03
[30] US (61/714,158) 2012-10-15

[21] **2,873,716**
[13] A1

[51] **Int.Cl. C08B 37/14 (2006.01) B01J 8/02 (2006.01) C01D 1/04 (2006.01) C01F 11/18 (2006.01) D21C 3/02 (2006.01)**

[25] EN
[54] **A METHOD AND A SYSTEM FOR ISOLATING XYLAN FROM PLANT MATERIAL, AS WELL AS XYLAN, CALCIUM CARBONATE, AND CELLULOSE FIBRE**
[54] **PROCEDE ET SYSTEME POUR ISOLER DU XYLANE A PARTIR DE MATIERE VEGETALE, AINSI QUE LE XYLANE, LE CARBONATE DE CALCIUM, ET LES FIBRES DE CELLULOSE**

[72] KROGERUS, BJORN, FI
[72] FUHRMANN, AGNETA, FI
[72] LAINE, CHRISTIANE, FI
[71] STORA ENSO OYJ, FI

[85] 2014-09-26
[86] 2013-03-26 (PCT/FI2013/050338)
[87] (WO2013/144446)
[30] FI (20125345) 2012-03-27

Demandes PCT entrant en phase nationale

[21] **2,873,719**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **METHOD AND PREPARATION SYSTEM FOR PREPARING A BREWED PRODUCT**
[54] **PROCEDE ET SYSTEME POUR LA PREPARATION D'UN PRODUIT DE PERCOLATION**
[72] DEUBER, LOUIS, CH
[71] LUNA TECHNOLOGY SYSTEMS LTS GMBH, CH
[85] 2014-09-29
[86] 2013-04-03 (PCT/CH2013/000057)
[87] (WO2013/149354)
[30] EP (12405034.5) 2012-04-05

[21] **2,873,723**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRROLOPYRIMIDONE AND PYRROLOPYRIDONE INHIBITORS OF TANKYRASE**
[54] **INHIBITEURS PYRROLOPYRIMIDONE ET PYRROLOPYRIDONE DE LA TANKYRASE**
[72] ZAK, MARK, US
[72] HAYNES, NANCY-ELLEN, US
[72] HERMANN, JOHANNES CORNELIUS, US
[72] KIM, KYUNGJIN, US
[72] SCOTT, NATHAN ROBERT, US
[72] YI, LIN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-09-30
[86] 2013-06-05 (PCT/EP2013/061525)
[87] (WO2013/182580)
[30] US (61/656,650) 2012-06-07

[21] **2,873,743**
[13] A1

[51] **Int.Cl. A61K 31/46 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **USING MODULATORS OF CCR5 FOR TREATING CANCER**
[54] **UTILISATION DE MODULATEURS DE CCR5 DANS LE TRAITEMENT DU CANCER**
[72] PESTELL, RICHARD G., US
[71] PROSTAGENE, LLC, US
[85] 2014-11-14
[86] 2013-05-14 (PCT/US2013/040917)
[87] (WO2013/173312)
[30] US (61/646,586) 2012-05-14
[30] US (61/646,593) 2012-05-14

[21] **2,873,748**
[13] A1

[51] **Int.Cl. A61B 5/04 (2006.01)**
[25] EN
[54] **COMPONENT PROTECTIVE OVERMOLDING USING PROTECTIVE EXTERNAL COATINGS**
[54] **SURMOULAGE PROTECTEUR DE COMPOSANTS UTILISANT DES REVETEMENTS EXTERIEURS DE PROTECTION**
[72] DRYSDALE, RICHARD LEE, US
[72] FULLAM, SCOTT, US
[72] ORVIS, SKIP THOMAS, US
[72] LEVINSON, NORA ELAM, US
[71] ALIPHCOM, US
[85] 2014-09-30
[86] 2013-03-29 (PCT/US2013/034707)
[87] (WO2013/149202)
[30] CN (201220133156.3) 2012-03-31

[21] **2,873,749**
[13] A1

[51] **Int.Cl. A47J 43/16 (2006.01) A47J 43/28 (2006.01)**
[25] EN
[54] **BARBECUE SEASONING UTENSIL**
[54] **USTENSILE D'ASSAISONNEMENT POUR BARBECUE**
[72] BIEVER, TROY, CA
[71] FLAVOR FORK INC., CA
[85] 2014-10-02
[86] 2013-04-04 (PCT/CA2013/000324)
[87] (WO2013/149329)
[30] US (61/620,610) 2012-04-05

[21] **2,873,750**
[13] A1

[51] **Int.Cl. H04K 3/00 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING A JAMMING TRANSMITTER AFFECTING A COMMUNICATION USER EQUIPMENT, DEVICE AND USER EQUIPMENT AND SYSTEM WITH THE USER EQUIPMENT**
[54] **PROCEDE DE DETECTION D'UN EMETTEUR BROUILLEUR AFFECTANT UN EQUIPEMENT UTILISATEUR DE COMMUNICATION, DISPOSITIF ET EQUIPEMENT UTILISATEUR ET SYSTEME COMPORTANT L'EQUIPEMENT UTILISATEUR**
[72] BREUER, VOLKER, DE
[72] ROHL, BERND, DE
[71] GEMALTO M2M GMBH, DE
[85] 2014-10-06
[86] 2013-05-06 (PCT/EP2013/059373)
[87] (WO2013/171085)
[30] EP (12167935.1) 2012-05-14

[21] **2,873,751**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/4155 (2006.01) A61K 45/06 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01)**
[25] EN
[54] **TREATMENT METHOD FOR STEROID RESPONSIVE DERMATOSES**
[54] **METHODE DE TRAITEMENT DE DERMATOSES REPENDANT AUX STEROIDES**
[72] AGARWAL, PANKAJ, US
[72] KUMAR, VINOD, US
[72] XIE, QING, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2014-10-21
[86] 2013-04-22 (PCT/EP2013/058249)
[87] (WO2013/160222)
[30] US (61/637,390) 2012-04-24
[30] US (61/782,565) 2013-03-14

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[21] **2,873,809**
[13] A1

[51] **Int.Cl. C12N 15/11 (2006.01) A61K 48/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR MODULATING GENE EXPRESSION**

[54] **COMPOSITIONS ET METHODES POUR MODULER L'EXPRESSION GENIQUE**

[72] KRIEG, ARTHUR M., US
[72] SUBRAMANIAN, ROMESH, US
[72] MCSWIGGEN, JAMES, US
[72] LEE, JEANNIE T., US
[71] RANA THERAPEUTICS INC., US
[71] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US

[85] 2014-11-14
[86] 2013-05-16 (PCT/US2013/041461)
[87] (WO2013/173652)

[30] US (61/647,949) 2012-05-16
[30] US (61/648,016) 2012-05-16
[30] US (61/648,021) 2012-05-16
[30] US (61/647,858) 2012-05-16
[30] US (61/647,925) 2012-05-16
[30] US (61/647,886) 2012-05-16
[30] US (61/647,901) 2012-05-16
[30] US (61/648,041) 2012-05-16
[30] US (61/648,051) 2012-05-16
[30] US (61/648,058) 2012-05-16
[30] US (61/719,394) 2012-10-27
[30] US (61/785,832) 2013-03-14
[30] US (61/785,778) 2013-03-14
[30] US (61/785,885) 2013-03-14
[30] US (61/786,232) 2013-03-14
[30] US (61/785,956) 2013-03-14
[30] US (61/785,529) 2013-03-14

[21] **2,873,864**
[13] A1

[51] **Int.Cl. C13K 1/02 (2006.01) C12P 19/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING SUGAR LIQUID**

[54] **PROCEDE DE FABRICATION D'UNE SOLUTION DE SUCRE**

[72] KURIHARA, HIROYUKI, JP
[72] ISHIZUKA, HIROKO, JP
[72] MINAMINO, ATSUSHI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP

[85] 2014-11-17
[86] 2013-05-17 (PCT/JP2013/063771)
[87] (WO2013/172446)
[30] JP (2012-114234) 2012-05-18

[21] **2,873,869**
[13] A1

[51] **Int.Cl. B65D 83/04 (2006.01) B65D 83/06 (2006.01)**

[25] EN

[54] **DISPENSING DEVICE**

[54] **DISPOSITIF DE DISTRIBUTION**

[72] DESSET-BRETHES, SABINE, CH
[72] FRELON, REGIS, CH
[72] HIRSCH, STEFAN, CH
[72] JENSEN, HANS, DK
[72] JOHANSEN, ESBEN, DK
[72] MATHIASSEN, PETER, DK
[72] OLESEN, JAN, DK
[71] NOVARTIS AG, CH

[85] 2014-10-30
[86] 2013-05-09 (PCT/EP2013/059691)
[87] (WO2013/167715)
[30] EP (12167791.8) 2012-05-11

[21] **2,873,870**
[13] A1

[51] **Int.Cl. H04M 3/00 (2006.01) H04M 3/56 (2006.01)**

[25] EN

[54] **TRANSMISSION MANAGEMENT SYSTEM, TRANSMISSION SYSTEM, AND TRANSMISSION MANAGEMENT SYSTEM PROGRAM**

[54] **SYSTEME DE GESTION DE TRANSMISSIONS, SYSTEME DE TRANSMISSION ET PROGRAMME DESTINE AU SYSTEME DE GESTION DE TRANSMISSIONS**

[72] UMEHARA, NAOKI, JP
[71] RICOH COMPANY, LIMITED, JP

[85] 2014-11-17
[86] 2013-05-20 (PCT/JP2013/064548)
[87] (WO2013/172484)
[30] JP (2012-114607) 2012-05-18

[21] **2,873,876**
[13] A1

[51] **Int.Cl. A24F 23/00 (2006.01) B65D 71/00 (2006.01)**

[25] EN

[54] **CONTAINER WITH ADHESIVE**

[54] **CONTENANT POURVU D'UN ADHESIF**

[72] ASPGREN, THOM, SE
[71] SWEDISH MATCH NORTH EUROPE AB, SE

[85] 2014-11-14
[86] 2013-05-24 (PCT/EP2013/060774)
[87] (WO2013/174991)
[30] EP (12169585.2) 2012-05-25
[30] US (61/651,686) 2012-05-25

[21] **2,873,881**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 9/06 (2006.01) A61K 9/107 (2006.01) A61K 38/20 (2006.01) A61P 17/02 (2006.01)**

[25] EN

[54] **COMBINATION TREATMENTS AND COMPOSITIONS FOR WOUND HEALING**

[54] **TRAITEMENTS COMBINES ET COMPOSITIONS POUR LA CICATRISATION DE PLAIES**

[72] FLEMING, STEPHEN BRUCE, NZ
[72] MERCER, ANDREW ALLAN, NZ
[72] WISE, LYN MARIE, NZ
[71] OTAGO INNOVATION LIMITED, NZ

[85] 2014-11-17
[86] 2013-05-17 (PCT/NZ2013/000084)
[87] (WO2013/172721)
[30] US (61/649,213) 2012-05-18

[21] **2,873,882**
[13] A1

[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4375 (2006.01) A61K 31/5383 (2006.01) A61P 31/22 (2006.01) C07D 471/22 (2006.01) C07D 491/147 (2006.01) C07D 498/14 (2006.01) C07D 498/22 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **CYTOMEGALOVIRUS INHIBITOR COMPOUNDS**

[54] **COMPOSES INHIBITEURS DE CYTOMEGALOVIRUS**

[72] FADER, LEE, US
[72] BEAULIEU, PIERRE LOUIS, CA
[72] BAILEY, MURRAY, CA
[72] BILODEAU, FRANCOIS, CA
[72] CARSON, REBEKAH, CA
[72] GIROUX, ANDRE, CA
[72] GODBOUT, CEDRICKX, CA
[72] HUCKE, OLIVER, CA
[72] JOLY, MARC-ANDRE, CA
[72] LEBLANC, MELISSA, CA
[72] LEPAGE, OLIVIER, CA
[72] MOREAU, BENOIT, CA
[72] NAUD, JULIE, CA
[72] POIRIER, MARTIN, CA
[72] VILLEMURE, ELISIA, CA
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2014-11-17
[86] 2013-04-03 (PCT/US2013/035059)
[87] (WO2013/152065)
[30] US (61/620,737) 2012-04-05

Demandes PCT entrant en phase nationale

[21] **2,873,885**
[13] A1

[51] **Int.Cl. B41M 5/00 (2006.01) B41M 7/00 (2006.01) C09D 11/00 (2014.01) C09D 11/10 (2014.01)**

[25] EN

[54] **RADIATION CURABLE INKJET INKS AND INDUSTRIAL INKJET PRINTING METHODS**

[54] **ENCRE A JET D'ENCRE DURCISSABLES PAR RAYONNEMENTS ET PROCEDES INDUSTRIELS D'IMPRESSION A JET D'ENCRE**

[72] DE MONDT, ROEL, BE
[72] THUIS, IVO, BE
[71] AGFA GRAPHICS NV, BE
[85] 2014-11-14
[86] 2013-06-03 (PCT/EP2013/061377)
[87] (WO2013/182517)
[30] EP (12170916.6) 2012-06-06
[30] US (61/657,029) 2012-06-08

[21] **2,873,888**
[13] A1

[51] **Int.Cl. H05B 3/56 (2006.01)**

[25] EN

[54] **OIL SMELTER CABLE**

[54] **CABLE DE FONDERIE UTILISE POUR L'EXTRACTION DE PETROLE**

[72] BARBERA, SIMON, VE
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2014-11-17
[86] 2013-05-10 (PCT/US2013/040550)
[87] (WO2013/173190)
[30] US (13/475,531) 2012-05-18

[21] **2,873,891**
[13] A1

[51] **Int.Cl. A61K 31/13 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/4045 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION FOR THE PROPHYLAXIS AND TREATMENT OF PSYCHOLOGICAL, BEHAVIORAL AND COGNITIVE DISORDERS**

[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A LA PREVENTION ET AU TRAITEMENT DE TROUBLES COGNITIFS, PSYCHIQUES OU DE COMPORTEMENT**

[72] MOROZOVA, MARGARITA ALEKSEEVNA, RU
[72] BENIASHVILI, ALLAN GEROVICH, RU
[72] ZAPOLSKY, MAXIM EDUARDOVICH, RU
[71] LTD "VALENTA-INTELLEKT", RU
[85] 2014-11-17
[86] 2012-10-31 (PCT/RU2012/000888)
[87] (WO2013/176567)
[30] RU (2012121410) 2012-05-24

[21] **2,873,892**
[13] A1

[51] **Int.Cl. G01B 11/06 (2006.01) B65H 43/00 (2006.01) G01N 21/86 (2006.01)**

[25] EN

[54] **NONCONTACT CALIPER MEASUREMENTS OF SHEET PRODUCTS USING INTERSECTING LINES IN SHEET MANUFACTURING OR PROCESSING SYSTEMS**

[54] **MESURES PAR CALIBRE D'EPaisseur SANS CONTACT DE PRODUITS EN FEUILLE UTILISANT DES LIGNES CROISEES DANS DES SYSTEMES DE FABRICATION ET DE TRAITEMENT DE FEUILLE**

[72] SHAKESPEARE, JOHN F., US
[72] SHAKESPEARE, TARJA T., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2014-11-17
[86] 2013-05-13 (PCT/US2013/040699)
[87] (WO2013/184291)
[30] US (13/492,404) 2012-06-08

[21] **2,873,900**
[13] A1

[51] **Int.Cl. H04L 12/14 (2006.01) H04W 4/24 (2009.01) H04W 4/26 (2009.01) G06Q 30/04 (2012.01)**

[25] EN

[54] **CHARGING AND BILLING FOR CONTENT, SERVICES, AND ACCESS**

[54] **CHARGE ET FACTURATION POUR DES CONTENUS, DES SERVICES ET L'ACCES**

[72] GIRARD, NICOLAS, US
[72] RILEY, YUSUN KIM, US
[71] AQUITO CORPORATION, US
[85] 2014-11-17
[86] 2013-05-14 (PCT/US2013/040855)
[87] (WO2013/173270)
[30] US (61/648,802) 2012-05-18

[21] **2,873,905**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01) H04W 76/02 (2009.01) H04L 12/12 (2006.01) H04L 29/12 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR AUTHENTICATION OF COMMUNICATION AND OPERATION**

[54] **PROCEDE ET SYSTEME D'AUTHENTIFICATION D'UNE COMMUNICATION ET D'UNE OPERATION**

[72] KORMAN, DAVID, IL
[72] SASSON, EFRAIM, IL
[71] SERENTIC LTD., IL
[85] 2014-11-05
[86] 2013-05-06 (PCT/IL2013/050385)
[87] (WO2013/168151)
[30] US (61/688,084) 2012-05-08
[30] US (61/742,029) 2012-08-02

PCT Applications Entering the National Phase

[21] **2,873,908**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/24 (2009.01) H04W 4/26 (2009.01)**

[25] EN

[54] **ADVERTISER SUPPORTED BANDWIDTH PLATFORM**

[54] **PLATEFORME A BANDE PASSANTE SUPPORTEE PAR UN PUBLICITAIRE**

[72] GIRARD, NICOLAS, US

[72] RILEY, YUSUN KIM, US

[71] AQUITO CORPORATION, US

[85] 2014-11-17

[86] 2013-05-14 (PCT/US2013/040911)

[87] (WO2013/173308)

[30] US (61/648,802) 2012-05-18

[30] US (61/708,862) 2012-10-02

[21] **2,873,919**
[13] A1

[51] **Int.Cl. B60L 9/18 (2006.01) B60L 3/00 (2006.01)**

[25] EN

[54] **ELECTRIC VEHICLE CONTROL APPARATUS**

[54] **DISPOSITIF DE COMMANDE DE VEHICULE ELECTRIQUE**

[72] KITANAKA, HIDETOSHI, JP

[71] MITSUBISHI ELECTRIC CORPORATION, JP

[85] 2014-11-14

[86] 2012-06-07 (PCT/JP2012/064718)

[87] (WO2013/183152)

[21] **2,873,923**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**

[25] EN

[54] **LAYERED SECURITY FOR AGE VERIFICATION AND TRANSACTION AUTHORIZATION**

[54] **SECURITE MULTI-NIVEAUX POUR LA VERIFICATION DE L'AGE ET L'AUTORISATION DE TRANSACTIONS**

[72] ROSS, BRUCE, US

[71] ROSS, BRUCE, US

[85] 2014-06-27

[86] 2012-11-29 (PCT/US2012/067141)

[87] (WO2013/082329)

[30] US (61/564,588) 2011-11-29

[21] **2,873,924**
[13] A1

[51] **Int.Cl. B62J 35/00 (2006.01) B62K 11/06 (2006.01)**

[25] EN

[54] **SADDLE-TYPE VEHICLE**

[54] **VEHICULE DU TYPE A SELLE**

[72] KONO, SHO, JP

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

[85] 2014-11-14

[86] 2012-08-02 (PCT/JP2012/069757)

[87] (WO2013/179501)

[30] JP (2012-120895) 2012-05-28

[21] **2,873,930**
[13] A1

[51] **Int.Cl. C25B 9/08 (2006.01)**

[25] EN

[54] **INSULATING FRAME WITH CORNER EXPANSION JOINTS FOR ELECTROLYSIS CELLS**

[54] **STRUCTURE ISOLANTE AVEC JOINTS DE DILATATION D'ANGLE POUR CELLULES D'ELECTROLYSE**

[72] HOORMANN, DIRK, DE

[72] DONST, DIMITRI, DE

[72] FUNCK, FRANK, DE

[72] HOFMANN, PHILIPP, DE

[72] POLCYN, GREGOR, DE

[72] TOROS, PETER, DE

[72] WOLTERING, PETER, DE

[71] UHDENORA S.P.A., IT

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[87] (WO2014/009549)

[30] DE (10 2012 013 832.6) 2012-07-13

[21] **2,873,933**
[13] A1

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[25] FR

[54] **ELECTRICAL POWERING SYSTEM COMPRISING AN ASYNCHRONOUS MACHINE AND PROPULSION ENGINE PROVIDED WITH SUCH AN ELECTRICAL POWERING SYSTEM**

[54] **SYSTEME D'ALIMENTATION EN ENERGIE ELECTRIQUE COMPRENANT UNE MACHINE ASYNCHRONE ET MOTEUR DE PROPULSION EQUIPE D'UN TEL SYSTEME D'ALIMENTATION EN ENERGIE ELECTRIQUE**

[72] DE WERGIFOSSE, ERIC, FR

[72] DUVAL, CEDRIC, FR

[71] HISPANO-SUIZA, FR

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[21] **2,873,935**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**

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[54] **SYSTEME DE TRAITEMENT D'INFORMATIONS POUR LA SURVEILLANCE D'UN SYSTEME COMPLEXE**

[54] **AN INFORMATION PROCESSOR SYSTEM FOR MONITORING A COMPLEX SYSTEM**

[72] LE GONIDEC, SERGE, FR

[72] MALIKOV, DIMITRI, FR

[72] BERECHET, ION, FR

[72] BERECHET, STEFAN, FR

[71] SNECMA, FR

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[13] A1

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[54] **TANK COVER STRUCTURE FOR MOTORCYCLE**
[54] **STRUCTURE DE COUVERCLE DE RESERVOIR POUR MOTOCYCLETTE**
[72] YAMAZAKI, TAKAYUKI, JP
[72] KOYAMA, YOSHINORI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2014-11-14
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[21] **2,873,937**
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[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A PLANT RECEPTACLE AS WELL AS A PLANT RECEPTACLE**
[54] **PROCEDE DE FABRICATION D'UN RECEPTACLE DE PLANTE ET RECEPTACLE DE PLANTE**
[72] ELLEGAARD, MERETHE, DK
[72] KULMBACH, CARSTEN, DK
[71] SUNGROW A/S, DK
[85] 2014-11-17
[86] 2013-05-22 (PCT/DK2013/050156)
[87] (WO2013/174386)
[30] DK (PA 2012 70270) 2012-05-22

[21] **2,873,942**
[13] A1

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[25] FR
[54] **FAN BLADE FOR A TURBOJET OF AN AIRCRAFT HAVING A CAMBERED PROFILE IN THE FOOT SECTIONS**
[54] **AUBE DE SOUFFLANTE POUR TURBOREACTEUR D'AVION A PROFIL CAMBRE EN SECTIONS DE PIED**
[72] REISS, HANNA, FR
[72] BISCAY, ADRIEN, FR
[72] FAYARD, BENOIT, FR
[72] JABLONSKI, LAURENT, FR
[72] MERLOT, DAMIEN, FR
[71] SNECMA, FR
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[86] 2013-05-23 (PCT/FR2013/051125)
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[21] **2,873,944**
[13] A1

[51] **Int.Cl. B23F 5/12 (2006.01) B23F 5/16 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING A GEAR TOOTH SYSTEM, AND A GEAR CUTTING MACHINE THAT CAN BE OPERATED USING SAID METHOD**
[54] **PROCEDE POUR GENERER UNE DENTURE ET MACHINE A FORMER LES DENTURES FONCTIONNANT AU MOYEN DE CE PROCEDE**
[72] KRESCHER, JURGEN, DE
[72] KOBIALKA, CLAUS, DE
[71] GLEASON-PFAUTER MASCHINENFABRIK GMBH, DE
[85] 2014-11-17
[86] 2013-06-10 (PCT/EP2013/001695)
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[30] DE (10 2012 012 617.4) 2012-06-19

[21] **2,873,945**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 19/077 (2006.01) G06K 19/08 (2006.01) G08B 13/24 (2006.01) G09F 3/03 (2006.01) G09F 3/12 (2006.01) G09F 7/06 (2006.01)**
[25] FR
[54] **DEVICE FOR PROTECTING A COMMERCIAL ARTICLE AGAINST THEFT**
[54] **DISPOSITIF DE PROTECTION CONTRE LE VOL D'UN ARTICLE COMMERCIAL**
[72] FAVIER, ALAIN, FR
[71] EXAQTWORLD, FR
[85] 2014-11-18
[86] 2013-05-27 (PCT/FR2013/051161)
[87] (WO2013/175149)
[30] FR (12 54885) 2012-05-25
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[21] **2,873,946**
[13] A1

[51] **Int.Cl. B65H 75/34 (2006.01)**
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[54] **COLLAR STRAP ATTACHMENT MECHANISM**
[54] **MECANISME D'ATTACHE DE SANGLE DE COLLIER**
[72] SAYERS, KEVIN M., US
[71] RADIO SYSTEMS CORPORATION, US
[85] 2014-11-17
[86] 2013-05-14 (PCT/US2013/040973)
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[30] US (13/870,475) 2013-04-25

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[13] A1

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[25] FR
[54] **FLUID CIRCUIT IN A TURBINE ENGINE**
[54] **CIRCUIT DE FLUIDE DANS UNE TURBOMACHINE**
[72] MOTTET, LAURANNE SOPHIE, FR
[72] POTEL, NICOLAS, FR
[72] VERTENOEUIL, PHILIPPE, FR
[71] SNECMA, FR
[85] 2014-11-18
[86] 2013-05-30 (PCT/FR2013/051221)
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[30] FR (1255129) 2012-06-01

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[13] A1

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[54] **COMPOSITE CONSTRUCTION ELEMENTS FOR BUILDING OF MULTI-STORY MODULAR CONSTRUCTIONS**

[54] **ELEMENTS DE CONSTRUCTION COMPOSITES POUR CONSTRUCTION DE CONSTRUCTIONS MODULAIRES A ETAGES MULTIPLES**

[72] CETINDAG, SEDAT, TR

[71] RENCO WORLD CORPORATION, US

[85] 2014-11-17

[86] 2013-01-15 (PCT/EP2013/050657)

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[30] TR (2012/10560) 2012-09-14

[21] **2,873,951**
[13] A1

[51] **Int.Cl. B01D 21/00 (2006.01) B01D 21/24 (2006.01) B01D 21/26 (2006.01) B01D 29/90 (2006.01) B03C 1/28 (2006.01) B04C 3/06 (2006.01) B04C 5/185 (2006.01) B21D 39/00 (2006.01) B21D 39/04 (2006.01) E03B 7/07 (2006.01) F17D 3/16 (2006.01) F24D 19/00 (2006.01)**

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[54] **SEPARATOR DEVICE**

[54] **DISPOSITIF DE SEPARATION**

[72] ADEY, CHRISTOPHER, GB

[72] TAYLOR, MATTHEW, GB

[72] DOWNIE, SIMON, GB

[71] ADEY HOLDINGS (2008) LIMITED, GB

[85] 2014-11-18

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[30] GB (1208917.3) 2012-05-21

[30] GB (1219752.1) 2012-11-02

[21] **2,873,953**
[13] A1

[51] **Int.Cl. C07C 209/48 (2006.01) C07C 217/08 (2006.01) C07C 253/30 (2006.01)**

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[54] **AMINE SUITABLE AS PU-CATALYST**

[54] **AMINE UTILISABLE COMME CATALYSEUR PU**

[72] WILTZ, EUGENE P., JR., US

[72] GRIGSBY, ROBERT ALLISON, JR., US

[72] CHAVEZ, JENNIFER, US

[72] ZHOU, JINGJUN, US

[71] HUNTSMAN PETROCHEMICAL LLC, US

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[30] EP (12172577.4) 2012-06-19

[21] **2,873,954**
[13] A1

[51] **Int.Cl. C10G 50/00 (2006.01) C10G 69/12 (2006.01) C10L 1/06 (2006.01) C10L 1/08 (2006.01)**

[25] EN

[54] **OLIGOMERISATION OF OLEFINS FOR THE PRODUCTION OF SYNTHETIC FUEL**

[54] **OLIGOMERISATION D'OLEFINES POUR LA PRODUCTION DE COMBUSTIBLE DE SYNTHESE**

[72] HYMAN, RICHARD, GB

[72] ECKER, ALFRED, AT

[71] IGTL TECHNOLOGY LTD, GB

[85] 2014-11-18

[86] 2013-05-21 (PCT/GB2013/051334)

[87] (WO2013/175204)

[30] DE (102012208417.7) 2012-05-21

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[54] **CONJUGATION REAGENTS**

[54] **REACTIFS DE CONJUGAISON**

[72] GODWIN, ANTONY, GB

[71] POLYTHERICS LIMITED, DE

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[13] A1

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[54] **PREPARATION CONTAINING 6,7-UNSATURATED-7-CARBAMOYL MORPHINAN DERIVATIVES**

[54] **PREPARATION CONTENANT UN DERIVE DE 7-CARBAMOYLMORPHINANE 6,7-INSATURE**

[72] MASHIMO, AKIRA, JP

[72] ICHIO, SHUNJI, JP

[71] SHIONOGI & CO., LTD., JP

[85] 2014-11-14

[86] 2013-05-13 (PCT/JP2013/063278)

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[30] JP (2012-110417) 2012-05-14

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[13] A1

[51] **Int.Cl. C10J 3/12 (2006.01) B09B 3/00 (2006.01) C10J 3/00 (2006.01)**

[25] EN

[54] **BIOMASS GASIFIER DEVICE**

[54] **DISPOSITIF GAZEIFIEUR DE BIOMASSE**

[72] DOWAKI, NAOKI, JP

[72] DOWAKI, KIYOSHI, JP

[72] TAKEDA, YASUIE, JP

[72] IKEDA, HIROSHI, JP

[72] SUDA, KOUSUKE, JP

[72] KAGAYA, FUMIE, JP

[72] KAMIUCHI, HISASHI, JP

[72] KAMEYAMA, MITSUO, JP

[71] JAPAN BLUE ENERGY CO., LTD., JP

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[30] JP (2012-114116) 2012-05-18

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[54] **CARBOLINE AND CARBAZOLE BASED IMAGING AGENTS FOR DETECTING NEUROLOGICAL DYSFUNCTION**

[54] **AGENTS D'IMAGERIE A BASE DE CARBOLINE ET DE CARBAZOLE POUR LA DETECTION DE DYSFONCTION NEUROLOGIQUE**

[72] SZARDENINGS, ANNA KATRIN, US
[72] KOLB, HARTMUTH C., US
[72] WALSH, JOSEPH C., US
[72] CHEN, GANG, US
[72] GANGADHARMATH, UMESH B., US
[72] KASI, DHANALAKSHMI, US
[72] LIU, CHANGHUI, US
[72] SINHA, ANJANA, US
[72] WANG, ERIC, US
[72] YU, CHUL, US
[72] ZHANG, WEI, US
[72] CHEN, KAI, US
[72] MOCHARLA, VANI P., US
[72] SCOTT, PETER J.H., US
[71] ELI LILLY AND COMPANY, US
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[51] **Int.Cl. B60K 17/28 (2006.01) B60K 25/02 (2006.01) B60K 25/06 (2006.01) F02B 63/06 (2006.01) F04B 17/05 (2006.01)**

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[54] **FRONT POWER TAKEOFF FOR UTILITY VEHICLE**

[54] **PRISE DE FORCE AVANT POUR VEHICULE UTILITAIRE**

[72] MAROTTE, DAVID E., US
[72] KETTNER, MATTHEW, US
[72] KALDOR, MATTHEW J., US
[71] CLARK EQUIPMENT COMPANY, US
[85] 2014-10-23
[86] 2012-12-27 (PCT/US2012/071774)
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[30] US (61/696,534) 2012-09-04

[21] **2,873,966**
[13] A1

[51] **Int.Cl. C09K 21/02 (2006.01) C08K 3/00 (2006.01) C08K 3/22 (2006.01)**

[25] FR

[54] **FLAME-RETARDANT AND FIRE-RESISTANT POLYMER COMPOSITIONS MADE FROM LIME HAVING A HIGH SPECIFIC SURFACE**

[54] **COMPOSITIONS POLYMERES IGNIFUGES ET RESISTANTES AU FEU A BASE DE CHAUX A HAUTE SURFACE SPECIFIQUE**

[72] LORGUILLOUX, MARION, BE
[72] LESUEUR, DIDIER, BE
[72] PELLETIER, MARC, FR
[72] LAOUTID, FOUAD, FR
[72] DUBOIS, PHILIPPE, BE
[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
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[86] 2013-07-12 (PCT/EP2013/064791)
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[30] BE (2012/0486) 2012-07-12
[30] US (61/696,967) 2012-09-05

[21] **2,873,968**
[13] A1

[51] **Int.Cl. C12N 5/0775 (2010.01)**

[25] EN

[54] **STEM CELLS AS AN INDIVIDUALIZED MATERNAL THERAPY FOR PREVENTION OF PREMATUREITY**

[54] **CELLULES SOUCHES EN TANT QUE THERAPIE MATERNELLE INDIVIDUALISEE POUR LA PREVENTION DE LA PREMATUREITE**

[72] BURD, IRINA, US
[72] BLAKEMORE, KARIN, US
[72] JOHNSTON, MICHAEL V., US
[72] FATEMI, S. ALI, US
[71] KENNEDY KRIEGER INSTITUTE, INC., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2014-11-12
[86] 2013-05-16 (PCT/US2013/041287)
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[25] EN

[54] **APPARATUS AND METHOD FOR STYLET-GUIDED VERTEBRAL AUGMENTATION**

[54] **APPAREIL ET PROCEDE POUR UNE AUGMENTATION VERTEBRALE GUIDEE PAR STYLET**

[72] LINDERMAN, EVAN D., US
[72] KRUEGER, JOHN A., US
[71] CAREFUSION 2200, INC., US
[85] 2014-11-17
[86] 2013-05-14 (PCT/US2013/040975)
[87] (WO2013/180947)
[30] US (13/483,919) 2012-05-30

[21] **2,873,970**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/08 (2012.01)**

[25] EN

[54] **SYSTEM, METHOD AND COMPUTER PROGRAM FOR PROVIDING QUALITATIVE AD BIDDING**

[54] **SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR FOURNIR UN APPEL D'OFFRES DE PUBLICITE QUALITATIF**

[72] SWEENEY, NEIL TERRANCE, CA
[71] ORIOLE MEDIA CORPORATION DBA JUICE MOBILE, CA
[85] 2014-05-20
[86] 2014-02-19 (PCT/CA2014/000123)
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[30] US (61/766,393) 2013-02-19

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[13] A1

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[54] **INTERLOCKING FLOOR TILE**

[54] **DALLE DE PLANCHER A EMBOITEMENT**

[72] DELONG, PATRICK, US
[72] VISINTIN, JOSEPH M., US
[72] KRAMER, PHILLIP J., US
[71] TARKETT USA INC., US
[85] 2014-05-29
[86] 2012-12-06 (PCT/US2012/068264)
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[25] EN	[25] EN	[25] EN
[54] HIGH EFFICIENCY AC DC ELECTRIC MOTOR, ELECTRIC POWER GENERATING SYSTEM WITH VARIABLE SPEED, VARIABLE POWER, GEOMETRIC ISOLATION AND HIGH EFFICIENCY CONDUCTING ELEMENTS.	[54] RESCUE METHOD AND RESCUE APPARATUS	[54] PROCESS FOR THE PREPARATION OF N-[5-(3,5-DIFLUORO-BENZYL)-1H-INDAZOL-3-YL]-4-(4-METHYL-PIPERAZIN-1-YL)-2-(TETRAHYDRO-PYRAN-4-YLAMINO)-BENZAMIDE
[54] MOTEUR ELECTRIQUE CA/CC A HAUTE EFFICACITE, SYSTEME DE GENERATION D'ELECTRICITE A VITESSE VARIABLE, PUISSANCE VARIABLE, ISOLATION GEOTHERMIQUE ET ELEMENTS CONDUCTEURS A HAUTE EFFICACITE	[54] PROCEDE DE SAUVETAGE ET DISPOSITIF DE SAUVETAGE	[54] PROCEDE DE PREPARATION DU N-[5-(3,5-DIFLUORO-BENZYL)-1H-INDAZOL-3-YL]-4-(4-METHYL-PIPERAZINE-1-YL)-2-(TETRAHYDRO-PYRAN-4-YLAMINO)-BENZAMIDE
[72] HOLCOMB, ROBERT RAY, VG	[72] BERGMANN, UWE, DE	[72] BARBUGIAN, NATALE ALVARO, IT
[71] REDEMPTIVE TECHNOLOGIES LIMITED, VG	[72] BERGMANN, DIRK, DE	[72] FORINO, ROMUALDO, IT
[71] HOLCOMB, ROBERT RAY, VG	[71] BERGMANN, UWE, DE	[72] FUMAGALLI, TIZIANO, IT
[85] 2014-11-18	[71] BERGMANN, DIRK, DE	[72] ORSINI, PAOLO, IT
[86] 2013-05-21 (PCT/IB2013/054184)	[85] 2014-11-17	[71] NERVIANO MEDICAL SCIENCES S.R.L., IT
[87] (WO2013/171728)	[86] 2013-05-14 (PCT/EP2013/059933)	[85] 2014-11-18
[30] US (61/688,669) 2012-05-18	[87] (WO2013/174678)	[86] 2013-05-22 (PCT/EP2013/060534)
[30] US (61/688,668) 2012-05-18	[30] EP (PCT/EP2012/059409) 2012-05-21	[87] (WO2013/174876)
[30] US (PCT/US2012/069449) 2012-12-13	[30] DE (10 2012 108 573.0) 2012-09-13	[30] EP (12169139.8) 2012-05-23
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	[25] EN	[25] EN
	[54] N-METHYL-4-BENZYL CARBAMIDOPYRIDINIUM CHLORIDE AND A PROCESS FOR ITS PREPARATION	[54] BEACON LIGHT HAVING A LENS PHARE AYANT UNE LENTILLE
	[54] CHLORURE DE N-METHYL-4-BENZYL CARBAMIDOPYRIDINIUM ET SON PROCEDE DE PREPARATION	[72] SHUMATE, CHRISTOPHER, US
	[72] ZHEBROVSKA, FILYA, UA	[72] DURYEA, DAVID, US
	[72] KOSTIUK, GRYGORII, UA	[72] MCDADE, NIMROD, III, US
	[72] VANAT, MYKHAILO, UA	[72] BRUNER, RUSSELL, US
	[72] MARGITYCH, VIKTOR, UA	[72] KAM, HANDANI, US
	[71] FARMAK INTERNATIONAL HOLDING GMBH, AT	[72] RANGE, CHRISTOPHER, US
	[85] 2014-11-17	[71] SPX CORPORATION, US
	[86] 2013-05-16 (PCT/EP2013/060158)	[85] 2014-11-17
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		[30] US (61/670,786) 2012-07-12
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[21] 2,873,974 [13] A1		
[51] Int.Cl. F03D 7/02 (2006.01)		
[25] EN		
[54] METHOD FOR CONTROLLING THE PITCH ANGLE OF AT LEAST ONE WIND TURBINE BLADE		
[54] METHODE DE REGULATION DE L'ANGLE D'INCLINAISON D'AU MOINS UNE PALE DE TURBINE EOLIENNE		
[72] HANSEN, JESPER KJAER, DK		
[72] HOJSTRUP, JORGEN, DK		
[71] ROMO WIND AG, CH		
[85] 2014-11-17		
[86] 2013-05-13 (PCT/EP2013/059800)		
[87] (WO2013/171154)		
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[21] **2,873,981**
[13] A1

[51] **Int.Cl. C02F 1/56 (2006.01) B01D 21/00 (2006.01)**
[25] EN
[54] **CONSOLIDATION AND DEWATERING OF PARTICULATE MATTER WITH PROTEIN**
[54] **CONSOLIDATION ET DESHYDRATATION DE MATIERES PARTICULAIRES A L'AIDE D'UNE PROTEINE**
[72] BANERJEE, SUJIT, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2014-11-17
[86] 2013-07-14 (PCT/US2013/050417)
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[30] US (61/672,497) 2012-07-17

[21] **2,873,982**
[13] A1

[51] **Int.Cl. F02B 27/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR EXHAUST GAS MANAGEMENT**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE GAZ D'ECHAPPEMENT**
[72] BELANGER, LOUIS A., US
[71] HYDROCARBON SOLUTIONS, US
[85] 2014-11-18
[86] 2013-03-14 (PCT/US2013/031215)
[87] (WO2013/172952)
[30] US (13/475,552) 2012-05-18

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[13] A1

[51] **Int.Cl. G05B 15/02 (2006.01) A63J 1/02 (2006.01) B66C 13/08 (2006.01) B66D 1/48 (2006.01) E04H 3/22 (2006.01) G05B 19/05 (2006.01) G05D 1/10 (2006.01)**
[25] EN
[54] **AUTOMATION AND MOTION CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'AUTOMATISATION ET DE MOUVEMENT**
[72] FISHER, SCOTT, US
[71] TAIT TOWERS MANUFACTURING, LLC, US
[85] 2014-11-18
[86] 2013-04-29 (PCT/US2013/038566)
[87] (WO2013/176838)
[30] US (13/476,370) 2012-05-21

[21] **2,873,985**
[13] A1

[51] **Int.Cl. B60G 21/055 (2006.01)**
[25] EN
[54] **SUSPENSION ASSEMBLY HAVING A SWAY BAR**
[54] **ENSEMBLE SUSPENSION AYANT UNE BARRE OSCILLANTE**
[72] YLEVA, HANNU, FI
[71] BRP FINLAND OY, FI
[85] 2014-11-18
[86] 2013-04-29 (PCT/US2013/038654)
[87] (WO2013/165901)
[30] US (61/640,267) 2012-04-30

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[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61F 9/01 (2006.01) A61F 9/013 (2006.01) A61N 5/067 (2006.01)**
[25] EN
[54] **APPLICATION OF ELECTROMAGNETIC RADIATION TO THE HUMAN IRIS**
[54] **APPLICATION D'UN RAYONNEMENT ELECTROMAGNETIQUE A L'IRIS D'UN ETRE HUMAIN**
[72] HOMER, GREGG, US
[71] HOMER, GREGG, US
[85] 2014-10-20
[86] 2013-04-25 (PCT/US2013/038298)
[87] (WO2013/163483)
[30] US (13/456,111) 2012-04-25

[21] **2,873,988**
[13] A1

[51] **Int.Cl. A61M 25/06 (2006.01) A61M 29/00 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **VALVE FOR DILATOR AND SHEATH ASSEMBLY**
[54] **SOUPAPE POUR DILATATEUR ET ENSEMBLE GAINE**
[72] STEPHENS, JOHN, US
[72] SANFORD, KEVIN, US
[72] BENNETT, JEFFREY S., US
[72] THOMAS, BURTON W., US
[72] WALL, W. SHAUN, US
[72] PETERSON, CHRISTIAN K., US
[71] MEDICAL COMPONENTS, INC., US
[85] 2014-11-17
[86] 2013-05-15 (PCT/US2013/041109)
[87] (WO2013/173438)
[30] US (61/648,132) 2012-05-17
[30] US (61/725,509) 2012-11-13
[30] US (13/832,294) 2013-03-15

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[13] A1

[51] **Int.Cl. G01J 3/36 (2006.01) G01J 3/02 (2006.01)**
[25] EN
[54] **DIVIDED-APERTURE INFRA-RED SPECTRAL IMAGING SYSTEM FOR CHEMICAL DETECTION**
[54] **SYSTEME D'IMAGERIE SPECTRALE INFRAROUGE A OUVERTURE DIVISEE POUR DETECTION CHIMIQUE**
[72] KESTER, ROBERT T., US
[72] HAGEN, NATHAN A., US
[71] REBELLION PHOTONICS, INC., US
[85] 2014-11-17
[86] 2013-05-16 (PCT/US2013/041278)
[87] (WO2013/173541)
[30] US (61/688,630) 2012-05-18
[30] US (61/764,776) 2013-02-14

[21] **2,873,990**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **STREAM-BASED DATA DEDUPLICATION IN A MULTI-TENANT SHARED INFRASTRUCTURE USING ASYNCHRONOUS DATA DICTIONARIES**
[54] **DEDUPLICATION DE DONNEES EN FLUX DANS UNE INFRASTRUCTURE PARTAGEE A LOCATAIRES MULTIPLES UTILISANT DES DICTIONNAIRES DE DONNEES ASYNCHRONES**
[72] GERO, CHARLES E., US
[72] LEIGHTON, F. THOMSON, US
[72] CHAMPAGNE, ANDREW F., US
[71] AKAMAI TECHNOLOGIES, INC., US
[85] 2014-11-17
[86] 2013-05-17 (PCT/US2013/041550)
[87] (WO2013/173696)
[30] US (61/648,209) 2012-05-17
[30] US (13/896,066) 2013-05-17

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[13] A1

[51] **Int.Cl. C12P 19/34 (2006.01) C12M 1/10 (2006.01)**
[25] EN
[54] **EXTREME PCR**
[54] **PCR EXTREME**
[72] WITTWER, CARL T., US
[72] FARRAR, JARED STEVEN, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2014-11-17
[86] 2013-05-23 (PCT/US2013/042473)
[87] (WO2013/177429)
[30] US (61/651,161) 2012-05-24
[30] US (61/811,145) 2013-04-12

[21] **2,873,994**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING NOTED ITEMS**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'ARTICLES NOTES**
[72] FREUND, MARTIN, US
[72] FILEV, MOMCHIL, US
[71] GOOGLE INC., US
[85] 2014-11-17
[86] 2013-05-24 (PCT/US2013/042585)
[87] (WO2013/177486)
[30] US (13/481,754) 2012-05-25

[21] **2,873,996**
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/1486 (2006.01) A61B 5/1495 (2006.01)**
[25] EN
[54] **APPLICATION OF ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY IN SENSOR SYSTEMS, DEVICES, AND RELATED METHODS**
[54] **APPLICATION DE SPECTROSCOPIE A IMPEDANCE ELECTROCHIMIQUE DANS DES SYSTEMES DE CAPTEUR, DISPOSITIFS ET PROCEDES ASSOCIES**
[72] YANG, NING, US
[72] GAUTHAM, RAGHAVENDHAR, US
[72] LIANG, BRADLEY C., US
[72] SHAH, RAJIV, US
[72] SZYMAN, CATHERINE M., US
[72] MILLER, MICHAEL E., US
[72] WANG, JENN-HANN LARRY, US
[72] LI, YIWEN, US
[72] MORGAN, WAYNE A., US
[72] CHEN, PARIS, US
[72] MUCIC, ROBERT C., US
[72] DE BARROS, GENIVAL D., US
[72] CALLIRGOS, CARLOS A., US
[72] SIRIGIRI, MANJUNATH, US
[72] BRINSON, JOSEPH PAUL, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2014-11-17
[86] 2013-05-24 (PCT/US2013/042680)
[87] (WO2013/184416)
[30] US (61/657,517) 2012-06-08
[30] US (61/754,479) 2013-01-18
[30] US (61/754,483) 2013-01-18
[30] US (61/754,485) 2013-01-18
[30] US (61/754,475) 2013-01-18
[30] US (61/755,811) 2013-01-23
[30] US (13/778,630) 2013-02-27
[30] US (13/778,391) 2013-02-27
[30] US (13/778,416) 2013-02-27
[30] US (13/778,433) 2013-02-27
[30] US (13/778,473) 2013-02-27
[30] US (13/778,514) 2013-02-27
[30] US (13/778,559) 2013-02-27
[30] US (13/778,611) 2013-02-27

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[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 47/48 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 16/32 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **SITE-SPECIFIC LABELING METHODS AND MOLECULES PRODUCED THEREBY**
[54] **METHODES DE MARQUAGE SPECIFIQUES A UN SITE ET MOLECULES AINSI PRODUITES**
[72] GEIERSTANGER, BERNHARD HUBERT, US
[72] GRUNEWALD, JAN, US
[72] BURSULAYA, BADRY, US
[71] IRM LLC, BM
[85] 2014-11-17
[86] 2013-05-31 (PCT/US2013/043684)
[87] (WO2013/184514)
[30] US (61/655,143) 2012-06-04
[30] US (61/777,430) 2013-03-12

[21] **2,873,999**
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01) C08K 5/10 (2006.01) C08K 5/12 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **IMPROVED STABILIZED FLEXIBLE PVC COMPOSITIONS AND ARTICLES MADE THEREFROM**
[54] **COMPOSITIONS AMELIOREES DE PVC FLEXIBLE STABILISE ET ARTICLES OBTENUS A PARTIR DE CELLES-CI**
[72] VAN ES, DANIEL STEPHEN, NL
[72] VAN HAVEREN, JACOBUS, NL
[72] FRISSEN, AUGUSTINUS EMMANUEL, NL
[72] VAN DE KOLK, JOHANNES CORNELIS, NL
[71] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2014-11-17
[86] 2013-06-04 (PCT/US2013/044078)
[87] (WO2013/184661)
[30] US (61/655,026) 2012-06-04

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[21] **2,874,000**
[13] A1

[51] **Int.Cl. H04W 64/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD, ONE OR MORE COMPUTER-READABLE NON-TRANSITORY STORAGE MEDIA AND A DEVICE GENERALLY RELATING TO LOCATION TRACKING**
[54] **PROCEDE, UN OU PLUSIEURS SUPPORTS DE STOCKAGE NON TRANSITOIRES LISIBLES PAR ORDINATEUR ET DISPOSITIF GENERALMENT RELATIF A UN SUIVI DE LOCALISATION**
[72] VACCARI, ANDREA, US
[72] GRISE, GABRIEL, US
[72] TRETTI, ALBERTO, US
[71] FACEBOOK, INC., US
[85] 2014-11-17
[86] 2013-06-05 (PCT/US2013/044195)
[87] (WO2013/184733)
[30] US (13/490,394) 2012-06-06

[21] **2,874,001**
[13] A1

[51] **Int.Cl. E21B 17/01 (2006.01) E21B 17/10 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **EROSION REDUCTION IN SUBTERRANEAN WELLS**
[54] **REDUCTION D'EROSION DANS DES Puits SOUTERRAINS**
[72] FROSELL, THOMAS J., US
[72] SEVADJIAN, EMILE E., US
[72] FRIPP, MICHAEL L., US
[72] ECHOLS, RALPH H., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-18
[86] 2012-05-21 (PCT/US2012/038767)
[87] (WO2013/176645)

[21] **2,874,002**
[13] A1

[51] **Int.Cl. B65H 35/00 (2006.01)**
[25] EN
[54] **TEXTURED TAPE DISPENSER**
[54] **DEVIDOIR DE RUBAN ADHESIF TEXTURE**
[72] BROEN, MARTIN E., IT
[72] BAYER, JOHANNES, CH
[72] IGLESIAS, MARCELA S., IT
[72] CEBALLOS, JORGE C., AR
[72] HAGGLUND, JOEL K., US
[72] CRUTCHLEY, SHAELYN D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-11-18
[86] 2012-05-25 (PCT/US2012/039610)
[87] (WO2013/176679)

[21] **2,874,003**
[13] A1

[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/14 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **SUSTAINED DELIVERY OF MOLECULES USING PEPTIDE SURFACTANTS AND USES THEREOF**
[54] **ADMINISTRATION PROLONGEE DE MOLECULES AU MOYEN DE TENSIOACTIFS A BASE DE PEPTIDES ET LEURS UTILISATIONS**
[72] KOUTSOPOULOS, SOTIRIOS, US
[72] ZHANG, SHUGUANG, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2014-11-18
[86] 2013-05-31 (PCT/US2013/043572)
[87] (WO2013/181511)
[30] US (61/653,782) 2012-05-31

[21] **2,874,004**
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR GENERATING AND CONVERTING SALES OPPORTUNITIES**
[54] **APPAREIL, SYSTEME ET PROCEDE PERMETTANT DE GENERER ET DE CONVERTIR DES POSSIBILITES DE VENTES**
[72] NADIADI, YUNAS, US
[72] SINGH, RAJIV KUMAR, US
[72] PHILLIPS, LUKE PATRICK, US
[72] STOREY, JEFFREY KENDALL, US
[72] FARNSWORTH, PAUL, US
[72] MARTINET, MARK WILLIAM, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2014-11-18
[86] 2013-05-31 (PCT/US2013/043763)
[87] (WO2013/181628)
[30] US (61/654,361) 2012-06-01

[21] **2,874,005**
[13] A1

[51] **Int.Cl. B22C 1/22 (2006.01) C08G 18/00 (2006.01)**
[25] EN
[54] **"NO-BAKE" FOUNDRY MIX WITH EXTENDED WORK TIME**
[54] **MELANGE DE FONDERIE « SANS CUISSON » A TEMPS DE TRAVAIL PROLONGE**
[72] NOCERA, MICHAEL R., US
[72] STURTZ, GREGORY P., US
[72] KROKER, JORG, US
[71] ASK CHEMICALS, L.P., US
[85] 2014-11-18
[86] 2013-06-07 (PCT/US2013/044650)
[87] (WO2013/184996)
[30] US (61/657,212) 2012-06-08

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[21] **2,874,008**
[13] A1

[51] **Int.Cl. B23P 15/02 (2006.01) F02M 37/04 (2006.01) F04D 1/04 (2006.01)**

[25] EN

[54] **TECHNIQUE FOR PREVENTING AIR LOCK THROUGH STUTTERED STARTING AND AIR RELEASE SLIT FOR PUMPS**

[54] **TECHNIQUE PERMETTANT D'EMPECHER UNE POCHE D'AIR AU MOYEN D'UN DEMARRAGE INSTABLE ET D'UNE FENTE DE LIBERATION D'AIR POUR DES POMPES**

[72] LOPES, JEFFREY, US

[72] ESTRADA, JESUS, MX

[72] TEED, KEVIN, US

[71] FLOW CONTROL LLC., US

[85] 2014-11-18

[86] 2013-06-14 (PCT/US2013/045839)

[87] (WO2013/188741)

[30] US (61/659,631) 2012-06-14

[21] **2,874,012**
[13] A1

[51] **Int.Cl. B01D 61/58 (2006.01) B01D 17/02 (2006.01) B01D 61/00 (2006.01) C10G 31/09 (2006.01)**

[25] EN

[54] **NON-DISPERSIVE PROCESS FOR INSOLUBLE OIL RECOVERY FROM LIQUID SOURCES**

[54] **PROCEDE NON DISPERSIF POUR LA RECUPERATION D'HUILE INSOLUBLE A PARTIR DE SOURCES LIQUIDES**

[72] SEIBERT, FRANK, US

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

[85] 2014-11-18

[86] 2013-06-14 (PCT/US2013/046007)

[87] (WO2013/188837)

[30] US (61/659,918) 2012-06-14

[21] **2,874,016**
[13] A1

[51] **Int.Cl. A61K 8/24 (2006.01) A61K 8/21 (2006.01) A61K 8/33 (2006.01) A61K 8/41 (2006.01) A61K 8/49 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **REDUCTION OF TOOTH STAINING DERIVED FROM CATIONIC ANTIMICROBIALS**

[54] **REDUCTION DU MARQUAGE DES DENTS PROVENANT DE PRODUITS ANTIMICROBIENS CATIONIQUES**

[72] SCOTT, DOUGLAS CRAIG, US

[72] RAMJI, NIRANJAN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-11-18

[86] 2013-06-21 (PCT/US2013/046928)

[87] (WO2013/192463)

[30] US (13/529,044) 2012-06-21

[21] **2,874,010**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 47/10 (2012.01)**

[25] EN

[54] **IMPROVED FLEXIBILITY OF DOWNHOLE FLUID ANALYZER PUMP MODULE**

[54] **MEILLEURE FLEXIBILITE D'UN MODULE DE POMPE D'ANALYSEUR DE FLUIDE DE FOND DE TROU**

[72] SROKA, STEFAN, DE

[71] BAKER HUGHES INCORPORATED, US

[85] 2014-11-18

[86] 2013-07-08 (PCT/US2013/049539)

[87] (WO2014/011529)

[30] US (13/544,018) 2012-07-09

[21] **2,874,015**
[13] A1

[51] **Int.Cl. H04B 10/25 (2013.01)**

[25] EN

[54] **METHOD OF TRANSMITTING AN OPTICAL DATA SIGNAL**

[54] **PROCEDE DE TRANSMISSION D'UN SIGNAL DE DONNEES OPTIQUES**

[72] SERGEEV, SERGEY NIKOLAEVICH, RU

[71] SERGEEV, SERGEY NIKOLAEVICH, RU

[85] 2014-05-22

[86] 2013-08-08 (PCT/RU2013/000690)

[87] (WO2014/104928)

[30] RU (2012157134) 2012-12-27

[21] **2,874,017**
[13] A1

[51] **Int.Cl. B60P 3/08 (2006.01)**

[25] EN

[54] **A LOADING MODULE CONFIGURED TO ACCOMMODATE TWO VEHICLES**

[54] **MODULE DE CHARGEMENT CONFIGURE POUR RECEVOIR DEUX VEHICULES**

[72] HOLMGREN, NILS, SE

[71] HOLMGREN, NILS, SE

[85] 2014-11-18

[86] 2013-05-02 (PCT/SE2013/050485)

[87] (WO2013/176599)

[30] SE (1250514-5) 2012-05-22

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[21] **2,874,018**
[13] A1

[51] **Int.Cl. D06F 39/02 (2006.01)**
[25] EN
[54] **DETERGENT FEEDING DEVICE AND WASHING MACHINE HAVING THE SAME**
[54] **DISPOSITIF D'ALIMENTATION EN DETERGENT ET MACHINE A LAVER EQUIPEE DE CE DERNIER**
[72] KIM, YONG KWON, KR
[72] JIN, YONGJIE, KR
[72] LEE, SANG UP, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-11-18
[86] 2013-05-22 (PCT/KR2013/004475)
[87] (WO2013/176479)
[30] KR (10-2012-0055359) 2012-05-24

[21] **2,874,019**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 45/06 (2006.01)**
[25] FR
[54] **NO/NITROGEN GASEOUS MIXTURE WITH A HIGH NO CONTENT FOR THE TREATMENT OF SEVERE HYPOXEMIC RESPIRATORY FAILURE**
[54] **MELANGE GAZEUX NO/AZOTE A TENEUR ELEVEE EN NO POUR TRAITER LES DETRESSES RESPIRATOIRES HYPOXEMIANTES SEVERES**
[72] DE VILLEMEUR, PIERRE, FR
[72] LECOURT, LAURENT, FR
[71] AIR LIQUIDE SANTE (INTERNATIONAL), FR
[85] 2014-11-19
[86] 2013-04-15 (PCT/FR2013/050817)
[87] (WO2013/175088)
[30] FR (1254765) 2012-05-24

[21] **2,874,020**
[13] A1

[51] **Int.Cl. B65D 83/06 (2006.01)**
[25] EN
[54] **DRY GOODS PORTION CONTROL CONTAINER**
[54] **RECIPIENT DOSEUR DE PRODUITS SECS**
[72] HABRAKEN, JAN, US
[72] SAXTON, AARON, US
[72] CONNELLY, TIM, US
[71] QUIRKY, INC., US
[85] 2014-11-18
[86] 2013-07-18 (PCT/US2013/051104)
[87] (WO2014/022112)
[30] US (61/677,527) 2012-07-31
[30] US (13/777,168) 2013-02-26

[21] **2,874,021**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **MODIFYING TARGETING CRITERIA FOR AN ADVERTISING CAMPAIGN BASED ON ADVERTISING CAMPAIGN BUDGET**
[54] **MODIFICATION DE CRITERES DE CIBLAGE DESTINES A UNE CAMPAGNE PUBLICITAIRE SUR LA BASE DU BUDGET DE LA CAMPAGNE PUBLICITAIRE**
[72] YAN, RONG, US
[71] FACEBOOK, INC., US
[85] 2014-11-18
[86] 2013-06-26 (PCT/US2013/047849)
[87] (WO2014/011393)
[30] US (13/544,880) 2012-07-09

[21] **2,874,022**
[13] A1

[51] **Int.Cl. F17C 1/00 (2006.01)**
[25] FR
[54] **HIGH PRESSURE PACKAGING FOR A NO/NITROGEN GASEOUS MIXTURE**
[54] **CONDITIONNEMENT A HAUTE PRESSION D'UN MELANGE GAZEUX NO/AZOTE**
[72] DE VILLEMEUR, PIERRE, FR
[72] LECOURT, LAURENT, FR
[71] AIR LIQUIDE SANTE (INTERNATIONAL), FR
[85] 2014-11-19
[86] 2013-04-15 (PCT/FR2013/050818)
[87] (WO2013/175089)
[30] FR (1254766) 2012-05-24

[21] **2,874,023**
[13] A1

[51] **Int.Cl. H04B 7/26 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **CHANNEL STATE INFORMATION (CSI) FEEDBACK AND CODEBOOK SUBSAMPLING**
[54] **RETROACTION D'INFORMATIONS D'ETAT DE CANAL (CSI) ET SOUS-ECHANTILLONNAGE DE DICTIONNAIRE DE CODES**
[72] YUE, GUOSEN, US
[72] PRASAD, NARAYAN, US
[72] RANGARAJAN, SAMPATH, US
[71] NEC LABORATORIES AMERICA, INC., US
[85] 2014-11-18
[86] 2014-06-05 (PCT/US2014/040976)
[87] (WO2014/197642)
[30] US (61/832,635) 2013-06-07
[30] US (61/864,082) 2013-08-09
[30] US (14/295,406) 2014-06-04

[21] **2,874,024**
[13] A1

[51] **Int.Cl. B64F 5/00 (2006.01) F01D 25/28 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR ASSEMBLING A FIXED THRUST REVERSE STRUCTURE OF AN AIRCRAFT PROPULSION ASSEMBLY**
[54] **DISPOSITIF ET PROCEDE D'ASSEMBLAGE D'UNE STRUCTURE FIXE D'INVERSEUR DE POUSSEE D'UN ENSEMBLE PROPULSIF D'AERONEF**
[72] HOLAY, XAVIER, FR
[72] DUQUENOY, FLORINE, FR
[71] AIRCELLE, FR
[85] 2014-11-19
[86] 2013-06-14 (PCT/FR2013/051392)
[87] (WO2014/001685)
[30] FR (12/55990) 2012-06-25

PCT Applications Entering the National Phase

[21] **2,874,025**
[13] A1

[51] **Int.Cl. B65B 7/16 (2006.01) B65B 29/02 (2006.01) B65B 61/06 (2006.01) B65B 61/20 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **METHOD AND MACHINE FOR MAKING INTERMEDIATE COMPONENT OF SINGLE USE CAPSULES FOR BEVERAGES**

[54] **PROCEDE ET MACHINE DE FABRICATION D'UN COMPOSANT INTERMEDIAIRE DE CAPSULES A USAGE UNIQUE POUR BOISSONS**

[72] REA, DARIO, IT
[72] FRANCESCHI, FABIO, IT
[71] IMA INDUSTRIES S.R.L., IT
[85] 2014-11-19
[86] 2012-10-31 (PCT/EP2012/071551)
[87] (WO2013/189556)
[30] IT (BO2012A000338) 2012-06-20

[21] **2,874,026**
[13] A1

[51] **Int.Cl. F17C 1/00 (2006.01)**

[25] FR

[54] **PACKAGING OF A NO/NITROGEN GASEOUS MIXTURE HAVING A HIGH NO CONCENTRATION**

[54] **CONDITIONNEMENT D'UN MELANGE GAZEUX NO/AZOTE A HAUTE CONCENTRATION EN NO**

[72] DE VILLEMEUR, PIERRE, FR
[72] LECOURT, LAURENT, FR
[71] AIR LIQUIDE SANTE (INTERNATIONAL), FR
[85] 2014-11-19
[86] 2013-04-15 (PCT/FR2013/050816)
[87] (WO2013/175087)
[30] FR (1254764) 2012-05-24

[21] **2,874,027**
[13] A1

[51] **Int.Cl. B41N 3/03 (2006.01)**

[25] EN

[54] **FLUID APPLICATION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'APPLICATION DE FLUIDE**

[72] PERSONS, MATTHEW, US
[72] NOVIK, MICHAEL, US
[72] MCGLINCHY, TIMOTHY, US
[71] GED INTEGRATED SOLUTIONS, INC., US
[85] 2014-11-19
[86] 2013-05-21 (PCT/US2013/041973)
[87] (WO2013/177128)
[30] US (61/649,545) 2012-05-21
[30] US (13/897,565) 2013-05-20

[21] **2,874,028**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY INVOLVING ANTIBODIES AGAINST CLAUDIN 18.2 FOR TREATMENT OF CANCER**

[54] **POLYTHERAPIE IMPLIQUANT DES ANTICORPS DIRIGES CONTRE LA CLAUDINE 18,2 POUR LE TRAITEMENT DU CANCER**

[72] SAHIN, UGUR, DE
[72] TURECI, OZLEM, DE
[72] MITNACHT-KRAUS, RITA, DE
[72] JACOBS, STEFAN DENIS, DE
[72] UTSCH, MAGDALENA JADWIGA, DE
[72] HEINZ, CORNELIA ADRIANA MARIA, DE
[72] STADLER, CHRISTIANE REGINA, DE
[71] GANYMED PHARMACEUTICALS AG, DE
[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE
[85] 2014-11-19
[86] 2013-05-21 (PCT/EP2013/001503)
[87] (WO2013/174509)
[30] EP (PCT/EP2012/002211) 2012-05-23

[21] **2,874,029**
[13] A1

[51] **Int.Cl. H02H 3/07 (2006.01) H02M 1/32 (2007.01) H02M 7/483 (2007.01) H02H 7/12 (2006.01) H02H 7/26 (2006.01) H02J 3/18 (2006.01) H02J 3/36 (2006.01) H02M 7/797 (2006.01)**

[25] EN

[54] **METHOD OF FAULT CLEARANCE**

[54] **PROCEDE D'ELIMINATION DE PANNE**

[72] BARKER, CARL DAVID, GB
[71] ALSTOM TECHNOLOGY LTD, CH
[85] 2014-11-18
[86] 2013-05-16 (PCT/EP2013/060202)
[87] (WO2013/174726)
[30] GB (1209110.4) 2012-05-24

[21] **2,874,030**
[13] A1

[51] **Int.Cl. C07J 75/00 (2006.01) A61K 31/704 (2006.01) A61K 31/7048 (2006.01) C07J 71/00 (2006.01)**

[25] EN

[54] **IMPROVED SYNTHESIS**

[54] **SYNTHESE AMELIOREE**

[72] MUSCROFT-TAYLOR, ANDREW CLIVE, NZ
[72] MARSHALL, PHILIP ANDREW, AU
[72] MASON, JENNIFER MARY, NZ
[72] WALKER, DAVID MILLAR, NZ
[71] ONCOLOGY RESEARCH INTERNATIONAL LIMITED, AU
[85] 2014-11-19
[86] 2013-04-24 (PCT/AU2013/000416)
[87] (WO2013/173862)
[30] AU (2012902119) 2012-05-23
[30] AU (2013204005) 2013-04-11

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[21] **2,874,031**
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 19/04 (2006.01) A61P 37/06 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **ANTI-CCL2 ANTIBODIES FOR TREATMENT OF SCLERODERMA**

[54] **ANTICORPS ANTI-CCL2 POUR LE TRAITEMENT DE LA SCLERODERMIE**

[72] MARTINI, PAOLO G.V., US

[72] NATARAJAN, MADHUSUDAN, US

[72] HASLETT, PATRICK ANTHONY JOHN, US

[72] SEYMOUR, ALBERT BARNES, US

[71] SHIRE HUMAN GENETIC THERAPIES, INC., US

[85] 2014-11-19

[86] 2013-05-22 (PCT/US2013/042196)

[87] (WO2013/177264)

[30] US (61/650,149) 2012-05-22

[21] **2,874,032**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY INVOLVING ANTIBODIES AGAINST CLAUDIN 18.2 FOR TREATMENT OF CANCER**

[54] **POLYTHERAPIE IMPLIQUANT DES ANTICORPS DIRIGES CONTRE LA CLAUDINE 18,2 POUR LE TRAITEMENT DU CANCER**

[72] SAHIN, UGUR, DE

[72] TURECI, OZLEM, DE

[72] MITNACHT-KRAUS, RITA, DE

[72] JACOBS, STEFAN DENIS, DE

[72] UTSCH, MAGDALENA JADWIGA, DE

[72] HEINZ, CORNELIA ADRIANA MARIA, DE

[72] STADLER, CHRISTIANE REGINA, DE

[71] GANYMED PHARMACEUTICALS AG, DE

[71] TRON - TRANSLATIONALE ONKOLOGIE AN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ GEMEINNUTZIGE GMBH, DE

[85] 2014-11-19

[86] 2013-05-21 (PCT/EP2013/001504)

[87] (WO2013/174510)

[30] EP (PCT/EP2012/002210) 2012-05-23

[21] **2,874,034**
[13] A1

[51] **Int.Cl. A23L 1/305 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR MANAGEMENT OF DIABETES OR PRE-DIABETES**

[54] **COMPOSITION ET PROCEDE POUR PRISE EN CHARGE DU DIABETE OU DU PRE-DIABETE**

[72] LICHTI, CHRISTOPHER WALTER, AU

[72] BEST, PETER RICHARD WYNTER, AU

[72] BEST, JANENA FRANCES, AU

[72] LICHTI, GOTTFRIED, AU

[71] OMNIBLEND INNOVATION PTY LTD, AU

[85] 2014-11-19

[86] 2013-05-22 (PCT/AU2013/000537)

[87] (WO2013/173874)

[30] US (61/650,769) 2012-05-23

[30] AU (2012904029) 2012-09-14

[30] AU (2013204801) 2013-04-12

[21] **2,874,035**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **A QUANTITATIVE MULTIPLEX METHYLATION SPECIFIC PCR METHOD- CMETHDNA, REAGENTS, AND ITS USE**

[54] **METHODE PCR QUANTITATIVE MULTIPLEXE SPECIFIQUE DE LA METHYLATION - CMETHADN, REACTIFS ET SON UTILISATION**

[72] SUKUMAR, SARASWATI, US

[72] FACKLER, MARY JO, US

[72] TEO, WEI WEN, US

[72] LOPEZ BUJANDA, ZOILA ARELI, US

[71] THE JOHNS HOPKINS UNIVERSITY, US

[85] 2014-11-19

[86] 2013-05-22 (PCT/US2013/042198)

[87] (WO2013/177265)

[30] US (61/650,083) 2012-05-22

[21] **2,874,037**
[13] A1

[51] **Int.Cl. C10G 29/06 (2006.01) C09K 8/52 (2006.01) C10L 3/10 (2006.01)**

[25] EN

[54] **SYNERGISTIC H2S SCAVENGERS**

[54] **PIEGES DE H2S SYNERGIQUES**

[72] LEHRER, SCOTT E., US

[72] RAMACHANDRAN, SUNDER, US

[72] JOVANCICEVIC, VLADIMIR, US

[71] BAKER HUGHES INCORPORATED, US

[85] 2014-11-19

[86] 2013-05-23 (PCT/US2013/042390)

[87] (WO2013/181056)

[30] US (61/652,515) 2012-05-29

[30] US (13/900,269) 2013-05-22

[21] **2,874,038**
[13] A1

[51] **Int.Cl. B63B 35/79 (2006.01) B63B 35/00 (2006.01)**

[25] EN

[54] **WATERCRAFT FIN**

[54] **DERIVE POUR VEHICULE NAUTIQUE**

[72] POTTER, COURTNEY JAMES, AU

[71] SIDEWAYS SPORTS LIMITED, CN

[85] 2014-11-19

[86] 2013-05-28 (PCT/AU2013/000548)

[87] (WO2013/177612)

[30] AU (2012902195) 2012-05-28

[30] AU (2012905498) 2012-12-14

[21] **2,874,039**
[13] A1

[51] **Int.Cl. D04B 21/12 (2006.01)**

[25] EN

[54] **NETTING WITH ELONGATION INDICATOR AND METHOD OF DETERMINING THE ELONGATION OF NETTING**

[54] **FILET DOTE D'UN INDICATEUR D'ALLONGEMENT ET PROCEDE PERMETTANT DE DETERMINER L'ALLONGEMENT DU FILET**

[72] LIEBER, YUVAL, IL

[72] EFRATI, YAIR, IL

[71] TAMA PLASTIC INDUSTRY, IL

[85] 2014-11-19

[86] 2011-05-20 (PCT/IB2011/001090)

[87] (WO2012/160403)

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[21] **2,874,040**
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **ARABIDOPSIS NONHOST RESISTANCE GENE(S) AND USE THEREOF TO ENGINEER DISEASE RESISTANT PLANTS**
[54] **GENES DE RESISTANCE NON HOTES D'ARABIDOPSIS ET LEUR UTILISATION DANS LA MISE AU POINT PAR GENIE GENETIQUE DE PLANTES RESISTANTES AUX MALADIES**
[72] BHATTACHARYYA, MADAN K., US
[72] SUMIT, RISHI, US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[85] 2014-11-19
[86] 2013-05-23 (PCT/US2013/042431)
[87] (WO2013/177400)
[30] US (61/651,149) 2012-05-24

[21] **2,874,041**
[13] A1

[51] **Int.Cl. B60N 2/30 (2006.01) B60N 2/04 (2006.01) B60N 2/20 (2006.01) B60N 2/68 (2006.01)**
[25] EN
[54] **FOLD AND KNEEL SEAT WITH REARWARD FOLDING MOTION**
[54] **SIEGE A POSITION REPLIEE ET AGENOUILLEE DOTE D'UN MOUVEMENT DE PLIAGE VERS L'ARRIERE**
[72] ZEIMIS, PETER PAUL, III, US
[71] MAGNA SEATING INC., CA
[85] 2014-11-19
[86] 2013-06-03 (PCT/CA2013/000540)
[87] (WO2013/177691)
[30] US (61/654,204) 2012-06-01

[21] **2,874,042**
[13] A1

[51] **Int.Cl. C12N 1/19 (2006.01) A61K 9/127 (2006.01) A61K 38/17 (2006.01) A61K 47/42 (2006.01) A61P 25/28 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **RECOMBINANT YEAST**
[54] **LEVURE RECOMBINEE**
[72] CONNOR, JAMES R., US
[72] KEIL, RALPH LAUREN, US
[71] CHYNA LLC, US
[85] 2014-11-19
[86] 2012-05-24 (PCT/GB2012/000461)
[87] (WO2012/160333)
[30] US (13/114,429) 2011-05-24

[21] **2,874,043**
[13] A1

[51] **Int.Cl. B01J 23/10 (2006.01) B01J 23/34 (2006.01) B01J 35/02 (2006.01) B01J 35/04 (2006.01) B01J 35/06 (2006.01) B01J 35/10 (2006.01) B01J 37/00 (2006.01) C07C 2/84 (2006.01)**
[25] EN
[54] **CATALYTIC FORMS AND FORMULATIONS**
[54] **FORMES ET FORMULATIONS CATALYTIQUES**
[72] CIZERON, JOEL M., US
[72] ZURCHER, FABIO R., US
[72] MCCORMICK, JAROD, US
[72] GAMORAS, JOEL, US
[72] VOGEL, ROGER, US
[72] VINCENT, JOEL DAVID, US
[72] NYCE, GREG, US
[72] SCHAMMEL, WAYNE P., US
[72] SCHER, ERIK C., US
[72] ROSENBERG, DANIEL, US
[72] RAS, ERIK-JAN, NL
[72] FREER, ERIK, US
[71] SILURIA TECHNOLOGIES, INC., US
[85] 2014-11-19
[86] 2013-05-23 (PCT/US2013/042519)
[87] (WO2013/177461)
[30] US (61/651,396) 2012-05-24
[30] US (61/780,686) 2013-03-13

[21] **2,874,045**
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] SHIMADA, KAZUHIDE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2014-12-09
[86] 2013-06-10 (PCT/JP2013/065995)
[87] (WO2013/187377)
[30] JP (2012-134056) 2012-06-13

[21] **2,874,048**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MULTI-ANALYSES OF RARE CELLS EXTRACTED OR ISOLATED FROM BIOLOGICAL SAMPLES THROUGH FILTRATION**
[54] **PROCEDE DE MULTI-ANALYSES DE CELLULES RARES EXTRAITES OU ISOLEES A PARTIR D'ECHANTILLONS BIOLOGIQUES PAR FILTRATION**
[72] LAGET, SOPHIE, FR
[72] PATERLINI-BRECHOT, PATRIZIA, FR
[72] HOFMAN, PAUL, FR
[72] CAPIOD, THIERRY, FR
[71] RARECELLS, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] LAGET, SOPHIE, FR
[71] PATERLINI-BRECHOT, PATRIZIA, FR
[71] HOFMAN, PAUL, FR
[71] CAPIOD, THIERRY, FR
[85] 2014-11-19
[86] 2013-05-23 (PCT/EP2013/060671)
[87] (WO2013/174948)
[30] US (61/651,437) 2012-05-24

[21] **2,874,049**
[13] A1

[51] **Int.Cl. E06B 9/68 (2006.01) E06B 9/322 (2006.01) E06B 9/323 (2006.01) E06B 9/324 (2006.01)**
[25] EN
[54] **OPERATING APPARATUS FOR SOLAR RADIATION SHIELDING DEVICE**
[54] **EQUIPEMENT D'EXPLOITATION POUR DISPOSITIF D'ECRAN DE PROTECTION CONTRE LE RAYONNEMENT SOLAIRE**
[72] WATANABE, AKIHIRO, JP
[71] TACHIKAWA CORPORATION, JP
[85] 2014-11-19
[86] 2012-05-22 (PCT/JP2012/063081)
[87] (WO2012/161195)
[30] JP (2011-116763) 2011-05-25

Demandes PCT entrant en phase nationale

[21] **2,874,052**
[13] A1

[51] **Int.Cl. E06B 9/36 (2006.01) A47H 5/032 (2006.01)**
[25] EN
[54] **OPERATING DEVICE FOR SOLAR RADIATION SHIELDING DEVICE AND CORD SUPPORTING PART FOR SOLAR RADIATION SHIELDING DEVICE**
[54] **DISPOSITIF D'ACTIONNEMENT POUR DISPOSITIF DE PROTECTION CONTRE LE RAYONNEMENT SOLAIRE ET PARTIE DE SUPPORT DE CORDON POUR DISPOSITIF DE PROTECTION CONTRE LE RAYONNEMENT SOLAIRE**
[72] KAWAI, EIJI, JP
[71] TACHIKAWA CORPORATION, JP
[85] 2014-11-19
[86] 2012-05-23 (PCT/JP2012/063190)
[87] (WO2012/161219)
[30] JP (2011-118530) 2011-05-26

[21] **2,874,053**
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/02 (2006.01)**
[25] EN
[54] **FLOW FIELD PLATE FOR A FUEL CELL**
[54] **PLAQUE DE CHAMP DE PROPAGATION POUR PILE A COMBUSTIBLE**
[72] BODEN, ANDREAS, SE
[72] TINGELOF, THOMAS, SE
[72] BAUMANN OFSTAD, AXEL, SE
[72] IHONEN, JARI, FI
[72] TENSTAM, ANDERS, SE
[71] POWERCELL SWEDEN AB, SE
[85] 2014-11-19
[86] 2012-06-26 (PCT/IB2012/053229)
[87] (WO2014/001842)

[21] **2,874,054**
[13] A1

[51] **Int.Cl. C02F 1/52 (2006.01) C02F 1/58 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **METALLOID CONTAMINATED WATER SOLUTION PURIFICATION PROCESS FOR SAFE HUMAN CONSUMPTION-RATED REDUCTION OF CONTAMINANT CONCENTRATION THEREIN, BY PRECIPITATION WITHOUT OXIDATION**
[54] **PROCEDE DE PURIFICATION D'UNE SOLUTION AQUEUSE CONTAMINEE PAR DES METALLOIDES, LEDIT PROCEDE ASSURANT UNE REDUCTION DE LA CONCENTRATION EN CONTAMINANTS DE LADITE SOLUTION AFIN QUE CETTE DERNIERE PUISSE ETRE CONSOMMEE SANS DANGER PAR L'ETRE HUMAIN, ET CE, PAR PRECIPITATION SANS OXYDATION**
[72] LALIBERTE, MARC, CA
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2014-11-19
[86] 2013-06-26 (PCT/CA2013/000603)
[87] (WO2014/005216)
[30] US (61/667,706) 2012-07-03

[21] **2,874,055**
[13] A1

[51] **Int.Cl. C12P 13/00 (2006.01) C07D 211/00 (2006.01) C12N 9/02 (2006.01) C12P 17/12 (2006.01)**
[25] EN
[54] **ENZYMATIC REDUCTION**
[54] **PROCEDE DE PRODUCTION DE 2-PIPERIDINOLS CHIRAUX SUBSTITUES EN POSITION 1 A L'AIDE D'OXYDOREDUCTASES**
[72] BERTOLINI, GIORGIO, IT
[72] MAGRI, PAOLO, CH
[71] LABORATORIO CHIMICO INTERNAZIONALE S.P.A., IT
[85] 2014-11-19
[86] 2012-06-18 (PCT/IB2012/001178)
[87] (WO2013/190341)

[21] **2,874,056**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **AUTHORIZATION CHECK METHOD AND SYSTEM FOR ELECTRONIC SIGNATURE TOOL, AND ELECTRONIC SIGNATURE TOOL**
[54] **PROCEDE ET SYSTEME DE VERIFICATION D'AUTORISATION RELATIFS A UN OUTIL DE SIGNATURE ELECTRONIQUE, ET OUTIL DE SIGNATURE ELECTRONIQUE CORRESPONDANT**
[72] LI, DONGSHENG, CN
[71] TENDYRON CORPORATION, CN
[85] 2014-11-19
[86] 2013-04-19 (PCT/CN2013/074459)
[87] (WO2013/174187)
[30] CN (201210168106.3) 2012-05-25

[21] **2,874,057**
[13] A1

[51] **Int.Cl. C07C 311/19 (2006.01) A61K 31/18 (2006.01) A61K 31/192 (2006.01) A61K 31/195 (2006.01) A61K 31/22 (2006.01) A61K 31/40 (2006.01) A61K 31/4164 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEW SALICYLIC ACID DERIVATIVES, PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, COMPOSITION THEREOF AND METHOD OF USE THEREOF**
[54] **NOUVEAUX DERIVES D'ACIDE SALICYLIQUE, SEL DE QUALITE PHARMACEUTIQUE CORRESPONDANT, COMPOSITION ET PROCEDE D'UTILISATION CORRESPONDANTS**
[72] FISHEL, MELISSA L., US
[72] GUNNING, PATRICK THOMAS, CA
[72] HAFTCHENARY, SINA, CA
[72] WEISS, SAMUEL, CA
[72] LUCHMAN, HEMA ARTEE, CA
[72] PAGE, BRENT DAVID GEORGE, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2014-11-19
[86] 2013-05-24 (PCT/US2013/042689)
[87] (WO2013/177534)
[30] US (61/651,757) 2012-05-25

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[21] **2,874,058**
[13] A1

[51] **Int.Cl. C07C 213/02 (2006.01) C07C 215/08 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 2-(ISOPROPYLAMINO)ETHANOL**
[54] **PROCEDE DE FABRICATION DE 2-(ISOPROPYLAMINO)ETHANOL**
[72] SHIMAZU, HIDETAKA, JP
[71] KOEI CHEMICAL COMPANY, LIMITED, JP
[85] 2014-11-19
[86] 2013-07-12 (PCT/JP2013/004305)
[87] (WO2014/013706)
[30] JP (2012-161125) 2012-07-20

[21] **2,874,060**
[13] A1

[51] **Int.Cl. F41B 3/02 (2006.01)**
[25] EN
[54] **TOY LAUNCHER WITH SAFETY PROJECTILES**
[54] **LANCEUR DE JOUET AVEC PROJECTILES DE SECURITE**
[72] WALTERSCHEID, STEVE, US
[71] KMA CONCEPTS LIMITED, HK
[85] 2014-11-19
[86] 2013-04-30 (PCT/IB2013/001169)
[87] (WO2014/128521)
[30] US (13/773,615) 2013-02-21

[21] **2,874,061**
[13] A1

[51] **Int.Cl. C12N 9/26 (2006.01)**
[25] EN
[54] **VARIANT ALPHA AMYLASES WITH ENHANCED ACTIVITY ON STARCH POLYMERS**
[54] **VARIANTS D'ALPHA-AMYLASES AYANT UNE ACTIVITE ACCRUE SUR DES POLYMERES D'AMIDON**
[72] BOTT, RICHARD R., US
[72] CASCAO-PEREIRA, LUIS G., US
[72] ESTELL, DAVID A., US
[72] KOLKMAN, MARC, US
[72] WILDES, DAVID E., US
[71] DANISCO US INC., US
[85] 2014-11-19
[86] 2013-05-24 (PCT/US2013/042702)
[87] (WO2014/007921)
[30] US (61/657,501) 2012-06-08

[21] **2,874,062**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5377 (2006.01) A61K 31/5386 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **PYRROLO[2,1-F][1,2,4]TRIAZINE COMPOUND, AND PREPARATION METHOD AND APPLICATION THEREOF**
[54] **COMPOSE PYRROLO[2,1-F][1,2,4]TRIAZINE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] YANG, CHUNHAO, CN
[72] MENG, LINGHUA, CN
[72] CHEN, YANHONG, CN
[72] WANG, XIANG, CN
[72] TAN, CUN, CN
[72] LI, JIAPENG, CN
[72] DING, JIAN, CN
[72] CHEN, YI, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[71] SHANGHAI HAIHE PHARMACEUTICAL CO., LTD., CN
[85] 2014-11-19
[86] 2013-04-23 (PCT/CN2013/074559)
[87] (WO2013/177983)
[30] CN (201210177980.3) 2012-05-31

[21] **2,874,063**
[13] A1

[51] **Int.Cl. B62D 65/00 (2006.01) B23P 19/00 (2006.01) B23P 19/04 (2006.01) B23P 21/00 (2006.01)**
[25] EN
[54] **VEHICLE BODY ASSEMBLING METHOD AND VEHICLE BODY ASSEMBLING DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ASSEMBLAGE DE CARROSSERIE DE VEHICULE**
[72] FUJISAKI, AKIO, JP
[72] KOJIMA, HIDETO, JP
[72] ISHIKAWA, YOSHIO, JP
[72] MATSUKAMI, YOSHITAKA, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2014-11-19
[86] 2013-02-21 (PCT/JP2013/054321)
[87] (WO2013/183321)
[30] JP (2012-127349) 2012-06-04

[21] **2,874,064**
[13] A1

[51] **Int.Cl. G03B 17/00 (2006.01) B60P 3/00 (2006.01) B66C 23/42 (2006.01) B66F 11/04 (2006.01)**
[25] EN
[54] **CAMERA CRANE TRANSPORT VEHICLE**
[54] **VEHICULE DE TRANSPORT DE GRUE DE CAMERA**
[72] CHAPMAN, LEONARD T., US
[71] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[85] 2014-11-19
[86] 2013-05-24 (PCT/US2013/042733)
[87] (WO2013/184420)
[30] US (13/488,751) 2012-06-05

[21] **2,874,066**
[13] A1

[51] **Int.Cl. B21D 39/02 (2006.01) B23P 19/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING DUCT ASSEMBLIES**
[54] **APPAREIL ET PROCEDE DE FORMATION D'ENSEMBLES DE GAINES**
[72] DAW, DAVID E., US
[72] UMBERGER, CODY B., US
[72] BORWIG, MICHAEL C., US
[71] HVAC INVENTORS/SYSTEMATION, INC., US
[85] 2014-09-25
[86] 2014-06-04 (PCT/US2014/040902)
[87] (WO2014/197589)
[30] US (61/956,230) 2013-06-04

[21] **2,874,067**
[13] A1

[51] **Int.Cl. B29C 65/20 (2006.01)**
[25] EN
[54] **PLASTIC FILM HEAT SEAL APPARATUS**
[54] **DISPOSITIF DE THERMOCELLAGE DE FILM EN MATIERE PLASTIQUE**
[72] OHNISHI, HIDEO, JP
[72] FUJITA, TAKASHI, JP
[71] TOTANI CORPORATION, JP
[85] 2014-11-19
[86] 2013-02-26 (PCT/JP2013/054940)
[87] (WO2013/175822)
[30] JP (2012-117404) 2012-05-23

Demandes PCT entrant en phase nationale

[21] **2,874,068**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/068 (2006.01) A61B 17/128 (2006.01) A61B 17/04 (2006.01) A61B 17/064 (2006.01)**

[25] EN

[54] **VARIABLE DEPTH SURGICAL FIXATION**

[54] **FIXATION CHIRURGICALE A PROFONDEUR VARIABLE**

[72] LEVY, ARIE, IL
[72] LEVIN, OFEK, IL
[72] LEVIN, LENA, IL
[71] VIA SURGICAL LTD., IL
[85] 2014-11-19
[86] 2013-02-15 (PCT/IB2013/000647)
[87] (WO2013/179106)
[30] US (61/653,792) 2012-05-31
[30] US (13/523,500) 2012-06-14

[21] **2,874,069**
[13] A1

[51] **Int.Cl. A23N 1/00 (2006.01) A23N 1/02 (2006.01)**

[25] EN

[54] **JUICE EXTRACTION MODULE FOR JUICER**

[54] **MODULE D'EXTRACTION DE JUS POUR APPAREIL D'EXTRACTION DE JUS**

[72] KIM, JONG BOO, KR
[71] NUC ELECTRONICS CO., LTD., KR
[71] KIM, JI TAE, KR
[85] 2014-05-27
[86] 2013-10-30 (PCT/KR2013/009697)
[87] (WO2014/109465)
[30] KR (10-2013-0004115) 2013-01-14

[21] **2,874,070**
[13] A1

[51] **Int.Cl. B65B 7/16 (2006.01) B65B 29/02 (2006.01) B65B 61/06 (2006.01) B65B 61/20 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **METHOD AND MACHINE FOR MAKING SINGLE USE CAPSULES FOR BEVERAGES**

[54] **PROCEDE ET MACHINE DE FABRICATION DE CAPSULES A USAGE UNIQUE POUR BOISSONS**

[72] REA, DARIO, IT
[72] FRANCESCHI, FABIO, IT
[71] IMA INDUSTRIES S.R.L., IT
[85] 2014-11-19
[86] 2012-10-31 (PCT/EP2012/071550)
[87] (WO2013/189555)
[30] IT (BO2012A000337) 2012-06-20

[21] **2,874,071**
[13] A1

[51] **Int.Cl. C10G 5/06 (2006.01)**

[25] EN

[54] **METHOD FOR THE LIQUEFACTION OF A HYDROCARBON-RICH FRACTION**

[54] **PROCEDE DE LIQUEFACTION D'UNE FRACTION RICHE EN HYDROCARBURES**

[72] SAPPER, RAINER, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2014-11-19
[86] 2013-06-06 (PCT/EP2013/001671)
[87] (WO2013/185897)
[30] DE (10 2012 011 845.7) 2012-06-14

[21] **2,874,072**
[13] A1

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

[25] EN

[54] **ECO ADVANTAGE MEDIATION APPARATUSES, METHODS AND SYSTEMS**

[54] **APPAREILS, PROCEDES ET SYSTEMES DE MEDIATION D'ECO-AVANTAGE**

[72] MOREIRA NETO, PERMINIO, BR
[71] MOREIRA NETO, PERMINIO, BR
[85] 2014-11-19
[86] 2013-05-21 (PCT/IB2013/001865)
[87] (WO2013/175320)
[30] BR (PCT/BR2012/000148) 2012-05-21
[30] US (13/842,593) 2013-03-15

[21] **2,874,073**
[13] A1

[51] **Int.Cl. H01H 33/59 (2006.01) H01H 9/54 (2006.01) H01H 33/44 (2006.01) H02H 7/045 (2006.01) H02J 3/00 (2006.01)**

[25] EN

[54] **MAGNETIZING INRUSH CURRENT SUPPRESSING DEVICE**

[54] **DISPOSITIF DE SUPPRESSION DE COURANT D'APPEL MAGNETISANT**

[72] KOSHIZUKA, TADASHI, JP
[72] MARUYAMA, SHIRO, JP
[72] SAITO, MINORU, JP
[72] MAEHARA, HIROYUKI, JP
[72] SUZUKI, KOJI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2014-11-19
[86] 2013-04-26 (PCT/JP2013/062430)
[87] (WO2013/187143)
[30] JP (2012-132382) 2012-06-11

[21] **2,874,074**
[13] A1

[51] **Int.Cl. C08G 69/18 (2006.01)**

[25] EN

[54] **CAST POLYAMIDES, PROCESSES FOR PRODUCTION THEREOF AND USE THEREOF**

[54] **POLYAMIDES COULES, PROCEDE DE FABRICATION ET UTILISATION DESDITS POLYAMIDES COULES**

[72] LAUFER, WILHELM, DE
[72] ECKERT, ARMIN, DE
[72] PALZER, ANDRE, DE
[71] RHEIN CHEMIE RHEINAU GMBH, DE
[85] 2014-11-19
[86] 2013-03-22 (PCT/EP2013/056149)
[87] (WO2013/174545)
[30] EP (12168904.6) 2012-05-22

[21] **2,874,075**
[13] A1

[51] **Int.Cl. B60K 6/40 (2007.10) B60K 6/24 (2007.10) B60K 6/26 (2007.10) B60K 6/36 (2007.10) B60K 6/44 (2007.10) B60K 13/04 (2006.01) F01N 5/02 (2006.01)**

[25] EN

[54] **HYBRID VEHICLE**

[54] **VEHICULE HYBRIDE**

[72] SUZUKI, TAKABUMI, JP
[72] OOISO, KEIICHI, JP
[72] HOSHINOYA, TAKESHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2014-11-19
[86] 2013-05-22 (PCT/JP2013/064203)
[87] (WO2013/176175)
[30] JP (2012-117618) 2012-05-23
[30] JP (2012-194331) 2012-09-04

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[21] **2,874,076**
[13] A1

[51] **Int.Cl. F27D 1/12 (2006.01) C21B 7/10 (2006.01) F27B 3/24 (2006.01)**

[25] EN

[54] **SIDE WALL COOLING FOR A MELTING FURNACE**

[54] **REFROIDISSEMENT DE PAROIS LATERALES DE FOURS DE FUSION**

[72] LEMBGEN, HANS-ERICH, DE

[72] KUNZE, JURGEN, DE

[72] KUMMER, KARL-HEINZ, DE

[72] STRIEDER, DETLEF, DE

[71] SMS SIEMAG AG, DE

[85] 2014-11-19

[86] 2013-05-08 (PCT/EP2013/059627)

[87] (WO2013/167677)

[30] DE (102012207934.3) 2012-05-11

[30] DE (102012214147.2) 2012-08-09

[21] **2,874,077**
[13] A1

[51] **Int.Cl. G01N 21/55 (2014.01) G01N 21/35 (2014.01)**

[25] EN

[54] **METHOD FOR DETERMINING A CONCENTRATION OF A POLYSORBATE SPECIES IN A MIXTURE**

[54] **PROCEDE DE DETERMINATION D'UNE CONCENTRATION D'UNE ESPECE DE POLYSORBATE DANS UN MELANGE**

[72] GBAGUIDI, BENEDICTE, BE

[72] GERMAY, OLIVIER C., BE

[72] LARDAU, SONIA, BE

[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE

[85] 2014-11-19

[86] 2013-05-21 (PCT/IB2013/001590)

[87] (WO2013/175312)

[30] US (61/650,735) 2012-05-23

[21] **2,874,078**
[13] A1

[51] **Int.Cl. B62D 25/20 (2006.01) B60R 19/24 (2006.01)**

[25] EN

[54] **VEHICLE FRAME MEMBER STRUCTURE WITH EXCELLENT IMPACT RESISTANCE PERFORMANCE**

[54] **STRUCTURE D'ELEMENT DE CHASSIS DE VEHICULE PRESENTANT UNE EXCELLENTE PERFORMANCE DE RESISTANCE A L'IMPACT**

[72] KUWAYAMA, TAKUYA, JP

[72] YONEMURA, SHIGERU, JP

[72] YOSHINO, MASAHIKO, JP

[72] HONDA, KAZUHIKO, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2014-11-19

[86] 2013-06-03 (PCT/JP2013/065358)

[87] (WO2013/183587)

[30] JP (2012-127441) 2012-06-04

[21] **2,874,079**
[13] A1

[51] **Int.Cl. C07D 211/06 (2006.01) A61K 31/438 (2006.01) A61K 31/445 (2006.01) A61K 31/4453 (2006.01) A61K 31/451 (2006.01) A61K 31/472 (2006.01) A61P 9/00 (2006.01) C07D 211/14 (2006.01) C07D 211/18 (2006.01) C07D 211/46 (2006.01) C07D 217/04 (2006.01) C07D 221/20 (2006.01) C07D 295/15 (2006.01)**

[25] EN

[54] **N-[3-(2-CARBOXYETHYL)PHENYL]PIPERIDIN-1-YLACETAMIDE DERIVATIVES AND USE THEREOF AS ACTIVATORS OF SOLUBLE GUANYLATE CYCLASE**

[54] **DERIVES DE N-3-(2-CARBOXYETHYL)PHENYL]-PIPERIDINE-1-YLACETAMIDE ET UTILISATION DESDITS DERIVES EN TANT QU'ACTIVATEURS DE LA GUANYLATE CYCLASE SOLUBLE**

[72] LAMPE, THOMAS, DE

[72] HAHN, MICHAEL, DE

[72] STASCH, JOHANNES-PETER, DE

[72] SCHLEMMER, KARL-HEINZ, DE

[72] WUNDER, FRANK, DE

[72] EL SHEIKH, SHERIF, DE

[72] LI, VOLKHART MIN-JIAN, DE

[72] BECKER-PELSTER, EVA MARIA, DE

[72] STOLL, FRIEDERIKE, DE

[72] KNORR, ANDREAS, DE

[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE

[85] 2014-11-19

[86] 2013-05-17 (PCT/EP2013/060222)

[87] (WO2013/174736)

[30] DE (10 2012 208 530.0) 2012-05-22

Demandes PCT entrant en phase nationale

[21] **2,874,080**
[13] A1

[51] **Int.Cl. G01C 22/00 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR STEP DETECTION AND GAIT DIRECTION ESTIMATION**
[54] **PROCEDE POUR DETECTION DE PAS ET ESTIMATION DE DIRECTION DE MARCHE**
[72] KORDARI, KAMIAR, US
[72] FUNK, BENJAMIN, US
[72] NAPORA, JARED, US
[72] VERMA, RUCHIKA, US
[72] TEOLIS, CAROLE, US
[72] YOUNG, TRAVIS, US
[71] TRX SYSTEMS, INC., US
[85] 2014-11-18
[86] 2013-05-10 (PCT/US2013/040670)
[87] (WO2014/025429)
[30] US (61/649,178) 2012-05-18
[30] US (13/791,443) 2013-03-08

[21] **2,874,081**
[13] A1

[51] **Int.Cl. B67D 3/00 (2006.01) B67D 7/02 (2010.01) B67D 3/04 (2006.01)**
[25] EN
[54] **BAG-IN-BOX CONNECTOR SYSTEM**
[54] **SYSTEME DE RACCORD DE CAISSE-OUTRE**
[72] FISHEL, MICHAEL, US
[72] DARBY, IAN, GB
[72] BOWERS, CHRIS, GB
[71] THE COCA-COLA COMPANY, US
[85] 2014-11-18
[86] 2013-05-14 (PCT/US2013/040876)
[87] (WO2013/176922)
[30] US (13/476,476) 2012-05-21

[21] **2,874,082**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 38/04 (2006.01)**
[25] EN
[54] **COMPLEMENT COMPONENT C5A-BASED VACCINE**
[54] **VACCIN A BASE DU COMPOSANT C5A DU COMPLEMENT**
[72] STAFFLER, GUNTHER, AT
[72] LANDLINGER, CHRISTINE, AT
[72] MATTNER, FRANK, DE
[71] AFFIRIS AG, AT
[85] 2014-11-19
[86] 2013-05-23 (PCT/EP2013/060618)
[87] (WO2013/174920)
[30] EP (12169088.7) 2012-05-23

[21] **2,874,084**
[13] A1

[51] **Int.Cl. C07C 29/80 (2006.01) C07C 29/90 (2006.01) C07C 31/20 (2006.01) C12P 7/18 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR 1,4-BUTANEDIOL**
[54] **PROCEDE DE FABRICATION DE 1,4-BUTANEDIOL**
[72] UTSUNOMIYA, MASARU, JP
[72] IZAWA, YUSUKE, JP
[72] KONISHI, NORIKAZU, JP
[72] TANAKA, KOTA, JP
[72] MATSUZONO, SHINICHIRO, JP
[72] SUZUKI, TAKAYUKI, JP
[72] JAPS, MICHAEL, US
[72] BURK, MARK, US
[72] CLARK, WARREN, US
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[71] GENOMATICA, INC., US
[85] 2014-11-19
[86] 2013-06-03 (PCT/JP2013/065367)
[87] (WO2013/183592)
[30] JP (2012-128065) 2012-06-05
[30] JP (2013-037301) 2013-02-27

[21] **2,874,085**
[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01) C12N 1/20 (2006.01) C12P 7/08 (2006.01)**
[25] EN
[54] **SYNGAS FERMENTATION PROCESS AND MEDIUM**
[54] **PROCEDE ET MILIEU DE FERMENTATION DE GAZ DE SYNTHESE**
[72] SCOTT, SYRONA, US
[72] SENARATNE, RYAN, US
[72] KO, CHING-WHAN, US
[71] INEOS BIO SA, CH
[85] 2014-11-18
[86] 2013-05-15 (PCT/US2013/041212)
[87] (WO2013/176943)
[30] US (61/650,098) 2012-05-22
[30] US (61/650,093) 2012-05-22
[30] US (61/650,077) 2012-05-22
[30] US (61/650,084) 2012-05-22
[30] US (61/726,225) 2012-11-14
[30] US (13/890,324) 2013-05-09

[21] **2,874,086**
[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01) C12N 1/20 (2006.01) C12P 7/08 (2006.01)**
[25] EN
[54] **METHOD OF OPERATION OF A SYNGAS FERMENTATION PROCESS**
[54] **PROCEDE DE MISE EN ŒUVRE D'UN PROCESSUS DE FERMENTATION DE GAZ DE SYNTHESE**
[72] SCOTT, SYRONA, US
[72] LIU, SONG, US
[72] KO, CHING-WHAN, US
[71] INEOS BIO SA, CH
[85] 2014-11-18
[86] 2013-05-15 (PCT/US2013/041250)
[87] (WO2013/176948)
[30] US (61/650,098) 2012-05-22
[30] US (61/650,093) 2012-05-22
[30] US (61/726,225) 2012-11-14
[30] US (13/890,777) 2013-05-09

[21] **2,874,088**
[13] A1

[51] **Int.Cl. C02F 1/26 (2006.01) B01D 11/04 (2006.01) B01D 61/04 (2006.01) B01D 61/58 (2006.01) C02F 1/44 (2006.01) C02F 9/08 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR WATER RECOVERY**
[54] **METHODES ET SYSTEMES DE RECUPERATION D'EAU**
[72] EYAL, AHARON, IL
[72] RAZ, CARMEL, IL
[71] SOLEX WATER LTD., IL
[85] 2014-11-19
[86] 2013-05-19 (PCT/IB2013/054110)
[87] (WO2013/175380)
[30] US (61/649,728) 2012-05-21
[30] US (61/754,980) 2013-01-22
[30] US (61/815,283) 2013-04-24

PCT Applications Entering the National Phase

[21] **2,874,089**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/20 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **INTERACTIVE ORGANIZATION OF COMMENTS ON AN ONLINE SOCIAL PLATFORM**

[54] **ORGANISATION INTERACTIVE DE COMMENTAIRES SUR UNE PLATE-FORME SOCIALE EN LIGNE**

[72] GOLDMAN, ANDREW, US
[72] ROBERTSON, TODD ALLEN, US
[72] COOPER, ANDREW JOHN STOREY, US
[72] THOMAS, RACHEL SCHALL, US
[72] IAROSSO, ADAM, US
[71] RENAISSANCE LEARNING, INC., US
[85] 2014-11-19
[86] 2013-05-24 (PCT/US2013/042758)
[87] (WO2013/177571)
[30] US (61/651,491) 2012-05-24

[21] **2,874,090**
[13] A1

[51] **Int.Cl. B61F 5/08 (2006.01)**

[25] EN

[54] **SPRING DEVICE FOR A RAIL VEHICLE**

[54] **DISPOSITIF DE RESSORT POUR VEHICULE FERROVIAIRE**

[72] WOLF, ANDREAS, CH
[72] WUSCHING, MICHAEL, DE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2014-11-19
[86] 2013-05-29 (PCT/EP2013/061135)
[87] (WO2013/178719)
[30] EP (12170115.5) 2012-05-30

[21] **2,874,091**
[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/071 (2010.01)**

[25] EN

[54] **CELL SUSPENSION AND USE THEREOF**

[54] **SUSPENSION CELLULAIRE ET SON UTILISATION**

[72] QUICK, ANDREW, US
[72] DOLPHIN, WILLIAM, US
[71] AVITA MEDICAL LTD., GB
[85] 2014-11-19
[86] 2013-03-14 (PCT/US2013/031316)
[87] (WO2013/142254)
[30] US (61/614,115) 2012-03-22
[30] US (61/614,112) 2012-03-22

[21] **2,874,092**
[13] A1

[51] **Int.Cl. A61K 31/7125 (2006.01) A61K 31/337 (2006.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHOD FOR TREATING NON-SMALL CELL LUNG CANCER**

[54] **PROCEDE POUR TRAITER LE CANCER DU POUMON NON A PETITES CELLULES**

[72] DUKSIN, CHEN, IL
[72] TESSLER, SHOSHI, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2014-11-18
[86] 2013-05-17 (PCT/US2013/041652)
[87] (WO2013/173757)
[30] US (61/649,092) 2012-05-18

[21] **2,874,094**
[13] A1

[51] **Int.Cl. C04B 26/16 (2006.01) C04B 41/48 (2006.01) C04B 41/63 (2006.01) C08G 18/38 (2006.01) C09D 7/12 (2006.01) C09D 175/02 (2006.01) C09D 175/04 (2006.01) E04F 13/08 (2006.01) C08K 3/22 (2006.01)**

[25] EN

[54] **MAGNETIC FLOOR SURFACE**

[54] **SURFACE DE PLANCHER MAGNETIQUE**

[72] ROBINSON, IAN, GB
[72] JOBLING, WAYNE, GB
[72] SPREADBOROUGH, IAN, GB
[72] SMYTH, DEREK, GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-11-19
[86] 2013-05-31 (PCT/EP2013/061285)
[87] (WO2013/182490)
[30] EP (12171106.3) 2012-06-06

[21] **2,874,095**
[13] A1

[51] **Int.Cl. G06F 17/50 (2006.01) G06Q 50/04 (2012.01)**

[25] EN

[54] **INTEGRATED ELECTRONIC DESIGN AUTOMATION SYSTEM**

[54] **SYSTEME D'AUTOMATISATION DE LA CONCEPTION ELECTRONIQUE INTEGRE**

[72] MACMUNN, NEIL C., CA
[72] KRUBERG, WALTER GORDON, US
[71] GUMSTIX, INC., US
[85] 2014-11-18
[86] 2013-05-17 (PCT/US2013/041658)
[87] (WO2013/180990)
[30] US (61/653,278) 2012-05-30
[30] US (13/896,150) 2013-05-16

[21] **2,874,096**
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01)**

[25] EN

[54] **APPARATUS WITH A LIQUID-IMPREGNATED SURFACE**

[54] **APPAREIL A SURFACE IMPREGNEE DE LIQUIDE**

[72] SMITH, J. DAVID, US
[72] DHIMAN, RAJEEV, US
[72] PAXSON, ADAM T., US
[72] LOVE, CHRISTOPHER J., US
[72] SOLOMON, BRIAN R., US
[72] VARANASI, KRIPA K., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2014-11-19
[86] 2013-05-24 (PCT/US2013/042771)
[87] (WO2013/177579)
[30] US (61/651,541) 2012-05-24
[30] US (61/651,542) 2012-05-24
[30] US (61/651,543) 2012-05-24

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[21] **2,874,097**
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING UNAUTHORIZED BULK FORWARDING OF SENSITIVE DATA OVER A NETWORK**
[54] **PROCEDE ET APPAREIL DE DETECTION D'UN TRANSFERT EN MASSE NON AUTORISE DE DONNEES SENSIBLES SUR UN RESEAU**
[72] CHRISTODORESCU, MIHAI, US
[72] RAO, JOSYULA R., US
[72] SAILER, REINER, US
[72] SCHALES, DOUGLAS LEE, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-19
[86] 2013-03-21 (PCT/US2013/033255)
[87] (WO2013/187989)
[30] US (13/494,101) 2012-06-12

[21] **2,874,098**
[13] A1

[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **OIL-WELL TUBULAR ANCHORING SYSTEM FOR LWD/MWD TOOLS**
[54] **SYSTEME D'ANCRAGE TUBULAIRE DE PUIITS DE PETROLE POUR OUTILS DE DIAGRAPHIE/DE MESURE EN COURS DE FORAGE**
[72] MANWILL, DANIEL, US
[72] MARSHALL, JONATHAN, US
[72] ORBAN, JACQUES, GB
[72] SHERRILL, RAY R., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-11-18
[86] 2013-05-17 (PCT/US2013/041711)
[87] (WO2013/173796)
[30] US (13/475,038) 2012-05-18

[21] **2,874,100**
[13] A1

[51] **Int.Cl. E21B 43/04 (2006.01) E21B 33/12 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **GRAVEL PACKING METHOD FOR MULTILATERAL WELL PRIOR TO LOCATING A JUNCTION**
[54] **PROCEDE DE GRAVILLONNAGE D'UN PUIITS MULTILATERAL AVANT DE LOCALISER UNE JONCTION**
[72] NYGARDSVOLL, KJELL, NO
[72] RAMEY, MARK E., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-11-19
[86] 2013-05-29 (PCT/US2013/043127)
[87] (WO2013/181259)
[30] US (13/485,563) 2012-05-31

[21] **2,874,101**
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61H 3/00 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RESTORING VOLUNTARY CONTROL OF LOCOMOTION IN NEUROMOTOR IMPAIRMENTS**
[54] **APPAREIL ET PROCEDE DE RESTAURATION DE COMMANDE VOLONTAIRE DE LOCOMOTION EN CAS DE TROUBLES NEUROMOTEURS**
[72] COURTINE, GREGOIRE, CH
[72] MICERA, SILVESTRO, CH
[72] VON ZITZEWITZ, JOACHIM, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2014-11-19
[86] 2013-05-29 (PCT/IB2013/054421)
[87] (WO2013/179230)
[30] US (61/653,021) 2012-05-30

[21] **2,874,102**
[13] A1

[51] **Int.Cl. H01J 61/52 (2006.01)**
[25] EN
[54] **COOLING HEAT-GENERATING COMPONENTS OF A LIGHT FIXTURE**
[54] **REFROIDISSEMENT DE COMPOSANTS DEGAGEANT DE LA CHALEUR D'UNE FIXATION LUMINEUSE**
[72] MANAHAN, JOSEPH MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2014-11-19
[86] 2013-04-30 (PCT/US2013/038854)
[87] (WO2013/176846)
[30] US (13/477,914) 2012-05-22

[21] **2,874,103**
[13] A1

[51] **Int.Cl. B65D 83/20 (2006.01) A61K 8/04 (2006.01) B05B 1/00 (2006.01) B65D 83/14 (2006.01) B65D 83/68 (2006.01)**
[25] EN
[54] **AEROSOL SPRAY PRODUCTION**
[54] **PRODUCTION DE PULVERISATION D'AEROSOL**
[72] VAN DIJK, NICHOLAS JOSEPH, GB
[72] GRAINGER, LYNDA, GB
[72] MORETTA, ANTHONY, GB
[72] NEWBY, BRIAN PATRICK, GB
[72] WATSON, SIMON ANDREW, GB
[71] UNILIVER PLC, GB
[85] 2014-11-19
[86] 2013-06-20 (PCT/EP2013/062841)
[87] (WO2014/001185)
[30] EP (12173547.6) 2012-06-26
[30] EP (12178307.0) 2012-07-27

[21] **2,874,105**
[13] A1

[51] **Int.Cl. A61M 39/10 (2006.01) A61M 39/16 (2006.01)**
[25] EN
[54] **ARRANGEMENT IN A MEDICAL CONNECTOR DEVICE**
[54] **AGENCEMENT DANS UN DISPOSITIF DE RACCORD MEDICAL**
[72] ROSENQUIST, TOBIAS, SE
[71] CARMEL PHARMA AB, SE
[85] 2014-11-19
[86] 2012-05-21 (PCT/SE2012/050545)
[87] (WO2013/176586)

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[21] **2,874,106**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4025 (2006.01) A61K 31/41 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 9/00 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED PYRROLIDINES AS FACTOR XIA INHIBITORS FOR THE TREATMENT THROMBOEMBOLIC DISEASES**

[54] **PYRROLIDINES SUBSTITUEES COMME INHIBITEURS DU FACTEUR XIA POUR LE TRAITEMENT DE MALADIES THROMBOEMBOLIQUES**

[72] IMAGAWA, AKIRA, JP
[72] KONDO, TAKASHI, JP
[72] NISHIYAMA, TAIHEI, JP
[72] COURTNEY, STEVE, GB
[72] YARNOLD, CHRIS, GB
[72] ICHIHARA, OSAMU, GB
[72] FLANAGAN, STUART, GB
[71] ONO PHARMACEUTICAL CO., LTD., JP

[85] 2014-11-19
[86] 2013-05-23 (PCT/EP2013/060650)
[87] (WO2013/174937)
[30] GB (1209138.5) 2012-05-24

[21] **2,874,107**
[13] A1

[51] **Int.Cl. C07D 417/04 (2006.01)**

[25] EN

[54] **PROCESSES TO PRODUCE CERTAIN 2-(PYRIDINE-3-YL)THIAZOLES**

[54] **PROCEDES DE PRODUCTION DE CERTAINS 2-(PYRIDINE-3-YL)THIAZOLES**

[72] ROSS, RONALD, US
[72] DEAMICIS, CARL, US
[72] ZHU, YUANMING, US
[71] DOW AGROSCIENCES LLC, US

[85] 2014-11-19
[86] 2013-05-30 (PCT/US2013/043204)
[87] (WO2013/184475)
[30] US (61/655,076) 2012-06-04

[21] **2,874,108**
[13] A1

[51] **Int.Cl. H01F 41/34 (2006.01)**

[25] FR

[54] **METHOD FOR PRODUCING A FILM COMPRISING THREE-DIMENSIONAL MAGNETIC MICROSTRUCTURES**

[54] **PROCEDE DE FABRICATION D'UN FILM COMPRENANT DES MICROSTRUCTURES MAGNETIQUES TRIDIMENSIONNELLES**

[72] DEMPSEY, NORA, FR
[72] DUMAS-BOUCHIAT, FREDERIC, FR
[72] ZANINI, LUIZ FERNANDO, FR
[72] GIVORD, DOMINIQUE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE JOSEPH FOURIER - GRENOBLE 1, FR

[85] 2014-11-19
[86] 2013-05-22 (PCT/EP2013/060540)
[87] (WO2013/174881)
[30] FR (1254667) 2012-05-22
[30] US (61/650,398) 2012-05-22

[21] **2,874,109**
[13] A1

[51] **Int.Cl. A24D 3/02 (2006.01) A24D 3/04 (2006.01)**

[25] EN

[54] **FILTER FOR A SMOKING ARTICLE**

[54] **FILTRE POUR UN ARTICLE A FUMER**

[72] DAVIS, ANDREW, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB

[85] 2014-11-19
[86] 2013-05-24 (PCT/GB2013/051392)
[87] (WO2013/179009)
[30] GB (1209589.9) 2012-05-30

[21] **2,874,110**
[13] A1

[51] **Int.Cl. C07D 417/04 (2006.01) C07D 213/83 (2006.01)**

[25] EN

[54] **PROCESSES TO PRODUCE CERTAIN 2-(PYRIDINE-3-YL)THIAZOLES**

[54] **PROCEDES DE PRODUCTION DE CERTAINS 2-(PYRIDINE-3-YL)THIAZOLES**

[72] ROSS, RONALD, JR., US
[72] DEAMICIS, CARL, US
[72] ZHU, YUANMING, US
[72] NIYAZ, NOORMOHAMED M., US
[72] ARNDT, KIM E. (DECEASED), US
[72] WEST, SCOTT P., US
[72] ROTH, GARY, US
[71] DOW AGROSCIENCES LLC, US

[85] 2014-11-19
[86] 2013-05-30 (PCT/US2013/043208)
[87] (WO2013/184476)
[30] US (61/655,086) 2012-06-04

[21] **2,874,111**
[13] A1

[51] **Int.Cl. C08G 63/78 (2006.01) C08G 18/42 (2006.01) C08G 63/12 (2006.01)**

[25] EN

[54] **PRODUCTION METHODS OF POLYESTER AND POLYURETHANE**

[54] **PROCEDE DE FABRICATION DE POLYESTER ET DE POLYURETHANE**

[72] UTSUNOMIYA, MASARU, JP
[72] IZAWA, YUSUKE, JP
[72] KONISHI, NORIKAZU, JP
[72] TANAKA, KOTA, JP
[72] MATSUZONO, SHINICHIRO, JP
[72] SUZUKI, TAKAYUKI, JP
[72] JAPS, MICHAEL, US
[72] BURK, MARK, US
[72] CLARK, WARREN, US
[71] MITSUBISHI CHEMICAL CORPORATION, JP

[71] GENOMATICA, INC., US

[85] 2014-11-19
[86] 2013-06-03 (PCT/JP2013/065371)
[87] (WO2013/183593)
[30] JP (2012-128066) 2012-06-05
[30] JP (2013-039247) 2013-02-28

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[21] **2,874,112**
[13] A1

[51] **Int.Cl. A41B 11/00 (2006.01)**
[25] EN
[54] **SOCK WITH GAITER INTEGRALLY FORMED**
[54] **CHAUSSETTE AVEC GUETRE FORMEE EN UNE SEULE PIECE**
[72] PINTO RODRIGUES, PAULO JORGE, PT
[71] FIORIMA, S.A., PT
[85] 2014-11-19
[86] 2013-04-22 (PCT/IB2013/053170)
[87] (WO2013/156984)
[30] PT (106265) 2012-04-20

[21] **2,874,113**
[13] A1

[51] **Int.Cl. B60R 16/00 (2006.01) B60L 11/00 (2006.01) B60R 16/02 (2006.01) B60W 10/08 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR AUXILIARY POWER UNIT OF A VEHICLE**
[54] **SYSTEME DE COMMANDE POUR UNITE D'ALIMENTATION AUXILIAIRE D'UN VEHICULE**
[72] WALDSCHMIDT, WILLIAM, US
[72] TRUCKENBROD, GREGORY R., US
[72] LOOMIS, PETER J., US
[72] TURNQUIST, MICHAEL D., US
[71] THERMO KING CORPORATION, US
[85] 2014-11-19
[86] 2013-05-30 (PCT/US2013/043226)
[87] (WO2013/181317)
[30] US (13/484,495) 2012-05-31

[21] **2,874,114**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A01H 5/00 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12P 19/18 (2006.01)**
[25] EN
[54] **STEVIOL GLYCOSYLTRANSFERASE AND GENE ENCODING SAME**
[54] **STEVIOL GLYCOSYLTRANSFERASE ET GENE CODANT POUR CELLE-CI**
[72] ONO, EIICHIRO, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2014-11-19
[86] 2013-05-29 (PCT/JP2013/065518)
[87] (WO2013/180306)
[30] JP (2012-123349) 2012-05-30

[21] **2,874,115**
[13] A1

[51] **Int.Cl. G06F 9/48 (2006.01)**
[25] FR
[54] **METHOD FOR THE MANAGEMENT OF TASK EXECUTION IN A COMPUTER SYSTEM**
[54] **PROCEDE DE GESTION D'UNE EXECUTION DE TACHES DANS UN SYSTEME INFORMATIQUE**
[72] VALPARD, CHRISTIAN, FR
[71] SAGEM DEFENSE SECURITE, FR
[85] 2014-11-17
[86] 2013-05-14 (PCT/EP2013/059961)
[87] (WO2013/171227)
[30] FR (1254438) 2012-05-15

[21] **2,874,116**
[13] A1

[51] **Int.Cl. C07D 417/04 (2006.01)**
[25] EN
[54] **PROCESSES TO PRODUCE CERTAIN 2-(PYRIDINE-3-YL)THIAZOLES**
[54] **PROCEDES DE PRODUCTION DE CERTAINS 2-(PYRIDINE-3-YL)THIAZOLES**
[72] ROSS, RONALD, JR., US
[72] DEAMICIS, CARL, US
[72] ZHU, YUANMING, US
[72] NIYAZ, NOORMOHAMED M., US
[72] ROTH, GARY, US
[72] ARNDT, KIM E. (DECEASED), US
[72] WEST, SCOTT P., US
[71] DOW AGROSCIENCES LLC, US
[85] 2014-11-19
[86] 2013-05-30 (PCT/US2013/043260)
[87] (WO2013/184480)
[30] US (61/655,089) 2012-06-04

[21] **2,874,117**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL AGENT COMPRISING ANTI-BMP9 ANTIBODY AS ACTIVE INGREDIENT FOR TREATMENT OF ANEMIA SUCH AS RENAL ANEMIA AND CANCER ANEMIA**
[54] **AGENT THERAPEUTIQUE A BASE D'ANTICORPS ANTI-BMP9 EN TANT QUE PRINCIPE ACTIF, POUR LE TRAITEMENT DE L'ANEMIE, NOTAMMENT UNE ANEMIE RENALE ET UNE ANEMIE LIEE A UN CANCER**
[72] SHIMIZU, KIYOSHI, JP
[72] YAMAZAKI, YUJI, JP
[72] KUBOTA, TSUGUO, JP
[72] KIMURA, KANAME, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2014-11-19
[86] 2013-07-01 (PCT/JP2013/067994)
[87] (WO2014/007198)
[30] US (61/666,981) 2012-07-02

[21] **2,874,118**
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01) A61M 39/04 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **PROTECTIVE CAP**
[54] **BOUCHON DE PROTECTION**
[72] OHLIN, GUNNAR, SE
[71] CARMEL PHARMA AB, SE
[85] 2014-11-19
[86] 2012-05-21 (PCT/SE2012/050546)
[87] (WO2013/176587)

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[21] **2,874,119**
[13] A1

[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **LIP FOR EXCAVATING BUCKET**
[54] **LEVRE POUR UN GODET**
EXCAVATEUR
[72] OLLINGER, CHARLES G., IV, US
[72] HANKLAND, JOEL, US
[72] STANGELAND, KEVIN S., US
[71] ESCO CORPORATION, US
[85] 2014-11-19
[86] 2013-05-30 (PCT/US2013/043428)
[87] (WO2013/181435)
[30] US (61/654,501) 2012-06-01

[21] **2,874,120**
[13] A1

[51] **Int.Cl. A01J 5/007 (2006.01) A01J**
5/017 (2006.01)
[25] EN
[54] **ARRANGEMENT AND METHOD**
FOR A MILKING SYSTEM
[54] **AMENAGEMENT ET PROCEDE**
POUR UN SYSTEME DE TRAITE
[72] ANGLART, DOROTA, SE
[72] KALLMAN, MIKAEL, SE
[72] MELLBERG, STEN, SE
[71] DELAVAL HOLDING AB, SE
[85] 2014-11-19
[86] 2013-03-15 (PCT/SE2013/050262)
[87] (WO2013/187821)
[30] SE (1250608-5) 2012-06-12
[30] US (61/658,530) 2012-06-12

[21] **2,874,121**
[13] A1

[51] **Int.Cl. A61G 5/00 (2006.01) A47B**
83/02 (2006.01) A47C 7/68 (2006.01)
A47C 7/70 (2006.01)
[25] EN
[54] **WHEELCHAIR TABLE AND**
WHEELCHAIR PROVIDED
THEREWITH
[54] **TABLE POUR FAUTEUIL**
ROULANT ET FAUTEUIL
ROULANT COMPRENANT
CELLE-CI
[72] OKADA, YOSHIYUKI, JP
[71] KYOKUYOU STEEL MECHANICAL
FACTORY CO., LTD., JP
[85] 2014-11-19
[86] 2013-10-09 (PCT/JP2013/077464)
[87] (WO2014/057972)
[30] JP (2012-239587) 2012-10-12
[30] JP (2012-288847) 2012-12-10
[30] JP (2013-118287) 2013-05-16
[30] JP (2013-174989) 2013-08-07

[21] **2,874,122**
[13] A1

[51] **Int.Cl. G06F 3/044 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR**
PROXIMITY TOUCH SENSING
[54] **APPAREIL ET PROCEDE POUR**
LA DETECTION DE TOUCHER DE
PROXIMITE
[72] HEO, HOON-DO, KR
[72] PARK, JAE-WOOK, KR
[72] PARK, JONG-DAE, KR
[72] LEE, HEON-SEOK, KR
[71] SAMSUNG ELECTRONICS CO.,
LTD., KR
[85] 2014-11-19
[86] 2013-06-11 (PCT/KR2013/005139)
[87] (WO2013/187670)
[30] KR (10-2012-0064437) 2012-06-15

[21] **2,874,123**
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01) B25B**
5/14 (2006.01)
[25] EN
[54] **A DIE HOLDER DEVICE FOR**
OILFIELD USE AND METHOD
FOR UTILIZING THE SAME
[54] **DISPOSITIF DE PORTE-MATRICE**
POUR UNE UTILISATION DANS
UN CHAMP PETROLIFERE ET
SON PROCEDE D'UTILISATION
[72] WEBB, JONATHAN GARRICK, NO
[72] ROSANO, HUGO LEONARDO, NO
[72] HILL, DAVID ALLAN, NO
[72] MOEN, TROND WERNER, NO
[71] NATIONAL OILWELL VARCO
NORWAY AS, NO
[85] 2014-11-19
[86] 2013-05-29 (PCT/NO2013/050097)
[87] (WO2013/180575)
[30] NO (20120632) 2012-05-30

[21] **2,874,124**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **BLISTER ADVANCEMENT**
MECHANISM COMPRISING AN
ACTUATOR PLATE
[54] **MECANISME D'AVANCEMENT**
DE BLISTER COMPRENANT UNE
PLAQUE D'ACTIONNEMENT
[72] TOKSOZ, ZAFER, TR
[72] CIFTER, UMIT, TR
[72] TURKYILMAZ, ALI, TR
[72] MUTLU, ONUR, TR
[71] ARVEN ILAC SANAYI VE TICARET
A.S., TR
[85] 2014-11-19
[86] 2013-05-21 (PCT/TR2013/000171)
[87] (WO2013/176643)
[30] TR (2012/06167) 2012-05-25
[30] TR (2013/01562) 2013-02-08
[30] TR (2013/01847) 2013-02-15
[30] TR (2013/01950) 2013-02-19
[30] TR (2013/03661) 2013-03-26
[30] TR (2013/05053) 2013-04-29
[30] TR (2013/05562) 2013-05-09
[30] TR (2013/05655) 2013-05-13

[21] **2,874,125**
[13] A1

[51] **Int.Cl. A41B 9/02 (2006.01)**
[25] EN
[54] **21 CENTURY UNDERWEAR FOR**
MEN
[54] **SOUS-VETEMENT DU 21E SIECLE**
POUR HOMME
[72] YOO, JIN-KUL, KR
[71] YOO, JIN-KUL, KR
[85] 2014-11-19
[86] 2012-09-24 (PCT/KR2012/007661)
[87] (WO2013/176347)
[30] KR (10-2012-0055069) 2012-05-23

[21] **2,874,130**
[13] A1

[51] **Int.Cl. C07K 7/00 (2006.01) C07K**
1/113 (2006.01)
[25] EN
[54] **PHOENIXIN PEPTIDES**
[54] **PEPTIDES DE PHOENIXIN**
[72] LYU, RONG-MING, US
[72] CHANG, JAW-KANG, US
[71] PHOENIX PHARMACEUTICALS,
INC., US
[85] 2014-11-19
[86] 2012-05-25 (PCT/US2012/039743)
[87] (WO2012/162679)
[30] US (61/519,747) 2011-05-26
[30] US (61/519,746) 2011-05-28

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[21] **2,874,131**
[13] A1

[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **BOTTLE**
[54] **BOUTEILLE**
[72] CRAWFORD, JOHN C., US
[72] TOH, KIAT-CHEONG, US
[72] ROBINSON, MICHAEL P., US
[71] COLGATE-PALMOLIVE COMPANY,
US
[85] 2014-11-19
[86] 2012-06-07 (PCT/US2012/041211)
[87] (WO2013/184112)

[21] **2,874,132**
[13] A1

[51] **Int.Cl. H04L 9/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR
GRID BASED CYBER SECURITY**
[54] **SYSTEME ET PROCEDE POUR
CYBERSECURITE A BASE DE
RESEAU ELECTRIQUE**
[72] BERNHEIM, HENRICK F., US
[72] MARTIN, MARCIA REID, US
[72] BERENS, STEVEN J., US
[72] LOPORTO, JOHN J., US
[72] NIEMANN, THEODORE V., US
[71] DOMINION ENERGY
TECHNOLOGIES, INC., US
[71] ASTROLINK INTERNATIONAL
LLC, US
[85] 2014-11-19
[86] 2012-06-11 (PCT/US2012/041971)
[87] (WO2013/009420)
[30] US (61/495.173) 2011-06-09

[21] **2,874,137**
[13] A1

[51] **Int.Cl. B01D 46/52 (2006.01)**
[25] EN
[54] **COLLAPSIBLE PLEATED FILTER
AND FRAME**
[54] **FILTRE PLISSE ET CADRE
RETRACTABLES**
[72] GILLILAN, CHRYSTAL B., US
[71] COLUMBUS INDUSTRIES, INC., US
[85] 2014-11-19
[86] 2013-02-15 (PCT/US2013/026337)
[87] (WO2013/123325)
[30] US (61/598,950) 2012-02-15

[21] **2,874,139**
[13] A1

[51] **Int.Cl. B07B 1/46 (2006.01) B01D
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[25] EN
[54] **INJECTION MOLDED
SCREENING APPARATUSES AND
METHODS**
[54] **DISPOSITIFS DE TAMISAGE
MOULES PAR INJECTION ET
PROCEDES**
[72] WOJCIECHOWSKI, KEITH F., US
[71] WOJCIECHOWSKI, KEITH F., US
[85] 2014-11-19
[86] 2013-03-13 (PCT/US2013/030960)
[87] (WO2013/176747)
[30] US (61/652,039) 2012-05-25
[30] US (61/714,882) 2012-10-17

[21] **2,874,140**
[13] A1

[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **FLUSH ENHANCING MALE LUER
TIP DESIGN FOR SYRINGES AND
ANY LUER CONNECTOR**
[54] **CONCEPTION D'EMBOUT LUER
MALE A RINCAGE AMELIORE
POUR SERINGUES ET AUTRE
RACCORD LUER**
[72] STOUT, MARTY L., US
[72] BURKHOLZ, JONATHAN KARL, US
[72] ISAACSON, S. RAY, US
[71] BECTON, DICKINSON AND
COMPANY, US
[85] 2014-11-19
[86] 2013-05-20 (PCT/US2013/041810)
[87] (WO2013/177034)
[30] US (13/476,357) 2012-05-21

[21] **2,874,142**
[13] A1

[51] **Int.Cl. H04N 19/139 (2014.01) H04N
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[25] EN
[54] **SYSTEM AND METHOD FOR
MANAGING SPATIOTEMPORAL
UNCERTAINTY**
[54] **SYSTEME ET PROCEDE DE
GESTION D'INCERTITUDE
SPATIO-TEMPORELLE**
[72] DILLAVOU, MARCUS W., US
[72] SHUM, PHILLIP COREY, US
[72] GUTHRIE, BARTON L., US
[72] SHENAI, MAHESH B., US
[72] DEATON, DREW STEVEN, US
[72] MAY, MATTHEW BENTON, US
[71] VIPAAR, LLC, US
[71] UAB RESEARCH FOUNDATION, US
[85] 2014-11-19
[86] 2013-05-21 (PCT/US2013/041967)
[87] (WO2013/177125)
[30] US (13/476,712) 2012-05-21

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K
39/395 (2006.01) C07K 16/22
(2006.01)**
[25] EN
[54] **METHODS OF TREATING
CANCER USING PD-L1 AXIS
BINDING ANTAGONISTS AND
VEGF ANTAGONISTS**
[54] **PROCEDES DE TRAITEMENT DU
CANCER AU MOYEN
D'ANTAGONISTES LIANT L'AXE
PD-1 ET D'ANTAGONISTES DE
VEGF**
[72] MAECKER, HEATHER, US
[72] IRVING, BRYAN, US
[71] GENENTECH, INC., US
[85] 2014-11-19
[86] 2013-05-30 (PCT/US2013/043452)
[87] (WO2013/181452)
[30] US (61/653,861) 2012-05-31

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[13] A1

[51] **Int.Cl. F26B 5/02 (2006.01) F23K 1/00 (2006.01) F26B 17/10 (2006.01)**

[25] EN

[54] **SYSTEM FOR REMOVING SURFACE MOISTURE FROM COAL**

[54] **SYSTEME POUR ELIMINER L'HUMIDITE SUPERFICIELLE D'UN CHARBON**

[72] FOSS-SMITH, PATRICK, GB

[71] COOMTECH LTD, GB

[85] 2014-11-20

[86] 2012-03-29 (PCT/GB2012/000348)

[87] (WO2012/160320)

[30] GB (1108728.5) 2011-05-24

[21] **2,874,152**
[13] A1

[51] **Int.Cl. A61K 38/46 (2006.01) A61P 31/04 (2006.01) C11D 3/48 (2006.01)**

[25] EN

[54] **THERAPEUTIC FOR TREATING CLOSTRIDIUM DIFFICILE INFECTION**

[54] **AGENT THERAPEUTIQUE DE TRAITEMENT D'UNE INFECTION PAR CLOSTRIDIUM DIFFICILE**

[72] DAWSON, LISA, GB

[72] WREN, BRENDAN, GB

[71] LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE, GB

[85] 2014-11-20

[86] 2013-05-08 (PCT/GB2013/051187)

[87] (WO2013/175172)

[30] GB (1208879.5) 2012-05-21

[21] **2,874,156**
[13] A1

[51] **Int.Cl. G21B 3/00 (2006.01)**

[25] EN

[54] **LOCALISED ENERGY CONCENTRATION**

[54] **CONCENTRATION D'ENERGIE LOCALISEE**

[72] HAWKER, NICHOLAS, GB

[72] ROY, RONALD A., US

[71] ISIS INNOVATION LIMITED, GB

[85] 2014-11-20

[86] 2013-05-20 (PCT/GB2013/051297)

[87] (WO2013/175187)

[30] GB (1208939.7) 2012-05-21

[30] US (61/651,032) 2012-05-24

[21] **2,874,159**
[13] A1

[51] **Int.Cl. F16K 43/00 (2006.01) F16L 55/105 (2006.01)**

[25] EN

[54] **GATE VALVE ASSEMBLY FOR INSTALLATION IN PRESSURIZED PIPES**

[54] **ENSEMBLE ROBINET VANNE POUR INSTALLATION DANS DES TUYAUX SOUS PRESSION**

[72] RIES, BRIAN J., US

[71] ADS LLC, US

[85] 2014-11-19

[86] 2013-05-31 (PCT/US2013/043666)

[87] (WO2013/181567)

[30] US (13/486,737) 2012-06-01

[21] **2,874,160**
[13] A1

[51] **Int.Cl. B65B 31/04 (2006.01) A61M 5/155 (2006.01) A61M 5/20 (2006.01) B65B 51/26 (2006.01) B65B 51/30 (2006.01)**

[25] EN

[54] **IMPROVED SYRINGE**

[54] **SERINGUE PERFECTIONNEE**

[72] ANDERSON, IAN, GB

[72] EKMAN, MATT, GB

[72] KOPPELMAN, RACHEL SUZANNE, GB

[71] CONSORT MEDICAL PLC, GB

[85] 2014-11-20

[86] 2013-06-07 (PCT/GB2013/051508)

[87] (WO2013/182857)

[30] GB (1210082.2) 2012-06-07

[21] **2,874,162**
[13] A1

[51] **Int.Cl. B65B 31/04 (2006.01) A61M 5/155 (2006.01) A61M 5/20 (2006.01) B65B 51/26 (2006.01) B65B 51/30 (2006.01)**

[25] EN

[54] **IMPROVED SYRINGE**

[54] **SERINGUE PERFECTIONNEE**

[72] ANDERSON, IAN, GB

[72] KOPPELMAN, RACHEL SUZANNE, GB

[72] WILLOUGHBY, ALASTAIR MCKEAN, GB

[72] JENNINGS, DOUGLAS, GB

[71] CONSORT MEDICAL PLC, GB

[85] 2014-11-20

[86] 2013-06-07 (PCT/GB2013/051509)

[87] (WO2013/182858)

[30] GB (1210082.2) 2012-06-07

[21] **2,874,165**
[13] A1

[51] **Int.Cl. B65B 31/04 (2006.01) B65B 51/26 (2006.01) B65B 51/30 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING A PROPELLANT CONTAINER AND SYRINGE COMPRISING A PROPELLANT CONTAINER**

[54] **PROCEDE DE FABRICATION D'UN CONTENANT DE PROPULSEUR ET SERINGUE COMPRENANT UN CONTENANT DE PROPULSEUR**

[72] ANDERSON, IAN, GB

[72] WILLOUGHBY, ALASTAIR MCKEAN, GB

[71] CONSORT MEDICAL PLC, GB

[85] 2014-11-20

[86] 2013-06-07 (PCT/GB2013/051510)

[87] (WO2013/182859)

[30] GB (1210082.2) 2012-06-07

[21] **2,874,166**
[13] A1

[51] **Int.Cl. B65B 51/26 (2006.01) A61M 5/155 (2006.01) A61M 5/20 (2006.01) B65B 31/04 (2006.01) B65B 51/30 (2006.01)**

[25] EN

[54] **VENTING SYRINGE**

[54] **SERINGUE DE MISE A L'AIR LIBRE**

[72] ANDERSON, IAN, GB

[72] KOPPELMAN, RACHEL SUZANNE, GB

[72] WILLOUGHBY, ALASTAIR MCKEAN, GB

[72] STROOBANT, JOSHUA DANIEL, GB

[71] CONSORT MEDICAL PLC, GB

[85] 2014-11-20

[86] 2013-06-07 (PCT/GB2013/051512)

[87] (WO2013/182861)

[30] GB (1210082.2) 2012-06-07

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[13] A1

[51] **Int.Cl. B05B 11/00 (2006.01) A61M 5/30 (2006.01) A61M 15/00 (2006.01) B05B 11/02 (2006.01) B65D 83/00 (2006.01)**

[25] EN

[54] **VALVED CONTAINER ASSEMBLY**

[54] **ENSEMBLE RECIPIENT A VANNE**

[72] EKMAN, MATT, GB

[72] ANDERSON, IAN, GB

[71] CONSORT MEDICAL PLC, GB

[85] 2014-11-20

[86] 2013-06-14 (PCT/GB2013/051557)

[87] (WO2013/186568)

[30] GB (1210654.8) 2012-06-15

[21] **2,874,172**
[13] A1

[51] **Int.Cl. A23L 1/00 (2006.01) A21D 13/00 (2006.01) A21D 17/00 (2006.01)**

[25] EN

[54] **EDIBLE MATERIALS AND THEIR MANUFACTURE**

[54] **MATIERES COMESTIBLES ET LEUR FABRICATION**

[72] ROBINSON, MARTYN, GB

[71] INTERCONTINENTAL GREAT BRANDS LLC, US

[85] 2014-11-20

[86] 2013-06-20 (PCT/GB2013/051610)

[87] (WO2013/190303)

[30] GB (1210872.6) 2012-06-20

[21] **2,874,174**
[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01)**

[25] EN

[54] **DEVICE FOR THE PREPARATION OF A BEVERAGE**

[54] **DISPOSITIF POUR LA PREPARATION D'UNE BOISSON**

[72] ZANETTI, FABRIZIO, IT

[71] HAUSBRANDT TRIESTE 1892 SPA, IT

[85] 2014-11-20

[86] 2012-09-21 (PCT/IB2012/055028)

[87] (WO2013/175275)

[30] IT (TV2012A000098) 2012-05-25

[21] **2,874,169**
[13] A1

[51] **Int.Cl. A01M 1/02 (2006.01) A01M 1/14 (2006.01)**

[25] EN

[54] **INSECT VISUAL ATTRACTANT**

[54] **APPAT VISUEL POUR LUTTER CONTRE LES INSECTES**

[72] ZHANG, QING-HE, US

[72] SCHNEIDMILLER, RODNEY G., US

[72] CHAPIN, MARC, US

[72] HASTINGS, STEVEN A., US

[71] STERLING INTERNATIONAL INC., US

[85] 2014-11-19

[86] 2013-06-05 (PCT/US2013/044374)

[87] (WO2013/184842)

[30] US (61/655,944) 2012-06-05

[30] US (61/681,564) 2012-08-09

[30] US (61/732,891) 2012-12-03

[21] **2,874,173**
[13] A1

[51] **Int.Cl. G01M 3/18 (2006.01) F16L 37/35 (2006.01) G01M 3/28 (2006.01) G01M 5/00 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTING AT LEAST ONE VARIABLE ASSOCIATED WITH THE FORMATION OF AT LEAST ONE JOINT AND/OR A MACHINE DURING ASSEMBLY OF A PIPELINE SYSTEM**

[54] **PROCEDE DE DETECTION D'AU MOINS UNE VARIABLE ASSOCIEE A LA FORMATION D'AU MOINS UN JOINT ET/OU UNE MACHINE PENDANT L'ASSEMBLAGE D'UN SYSTEME DE CANALISATION**

[72] MILLER, KENNETH, US

[71] NATIONAL OILWELL VARCO, INC., US

[85] 2014-11-19

[86] 2013-06-06 (PCT/US2013/044620)

[87] (WO2013/184977)

[30] US (61/656,514) 2012-06-06

[21] **2,874,175**
[13] A1

[51] **Int.Cl. G06F 11/00 (2006.01) G06F 9/46 (2006.01)**

[25] EN

[54] **TRANSACTION DIAGNOSTIC BLOCK**

[54] **BLOC DE DIAGNOSTIC DE TRANSACTIONS**

[72] GREINER, DAN, US

[72] JACOBI, CHRISTIAN, US

[72] SLEGEL, TIMOTHY, US

[72] MITRAN, MARCEL, CA

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2014-11-20

[86] 2012-11-22 (PCT/IB2012/056622)

[87] (WO2013/186600)

[30] US (13/524,916) 2012-06-15

[21] **2,874,171**
[13] A1

[51] **Int.Cl. H01F 27/245 (2006.01) H01F 27/26 (2006.01) H01F 30/12 (2006.01)**

[25] EN

[54] **THREE-STEP CORE FOR A NON-LINEAR TRANSFORMER**

[54] **NOYAU A TROIS ETAGES POUR TRANSFORMATEUR NON LINEAIRE**

[72] OUTTEN, SAMUEL S., US

[72] HARTMANN, THOMAS A., US

[71] ABB TECHNOLOGY AG, CH

[85] 2014-11-19

[86] 2013-06-06 (PCT/US2013/044434)

[87] (WO2013/184872)

[30] US (13/489,565) 2012-06-06

[21] **2,874,176**
[13] A1

[51] **Int.Cl. G06F 9/30 (2006.01) G06F 9/312 (2006.01) G06F 9/46 (2006.01)**

[25] EN

[54] **NONTRANSACTIONAL STORE INSTRUCTION**

[54] **INSTRUCTION DE STOCKAGE NON TRANSACTIONNEL**

[72] GREINER, DAN, US

[72] JACOBI, CHRISTIAN, US

[72] SLEGEL, TIMOTHY, US

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2014-11-20

[86] 2012-11-22 (PCT/IB2012/056625)

[87] (WO2013/186601)

[30] US (13/524,887) 2012-06-15

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[21] **2,874,177**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61M 25/10 (2013.01)**

[25] EN

[54] **VASCULAR OCCLUSION AND DRUG DELIVERY DEVICES, SYSTEMS, AND METHODS**

[54] **DISPOSITIFS, SYSTEMES ET METHODES POUR ADMINISTRATION PHARMACOLOGIQUE ET OCCLUSION VASCULAIRE**

[72] CULLY, EDWARD H., US

[72] DUNCAN, JEFFREY B., US

[72] PAGET, DOUGLAS S., US

[72] RADSPINNER, RACHEL, US

[72] SHAW, EDWARD E., US

[72] VONESH, MICHAEL J., US

[71] W. L. GORE & ASSOCIATES, INC., US

[85] 2014-11-19

[86] 2013-06-12 (PCT/US2013/045490)

[87] (WO2013/188581)

[30] US (61/660,615) 2012-06-15

[30] US (13/914,473) 2013-06-10

[21] **2,874,178**
[13] A1

[51] **Int.Cl. G06F 9/30 (2006.01) G06F 9/48 (2006.01)**

[25] EN

[54] **PROGRAM INTERRUPTION FILTERING IN TRANSACTIONAL EXECUTION**

[54] **FILTRAGE D'INTERRUPTION DE PROGRAMME DANS L'EXECUTION D'UNE TRANSACTION**

[72] GREINER, DAN, US

[72] JACOBI, CHRISTIAN, US

[72] SLEGEL, TIMOTHY, US

[72] MITRAN, MARCEL, CA

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2014-11-20

[86] 2012-11-26 (PCT/IB2012/056732)

[87] (WO2013/186602)

[30] US (13/524,839) 2012-06-15

[21] **2,874,179**
[13] A1

[51] **Int.Cl. G06F 9/30 (2006.01) G06F 9/312 (2006.01)**

[25] EN

[54] **SAVING/RESTORING SELECTED REGISTERS IN TRANSACTIONAL PROCESSING**

[54] **SAUVEGARDE/RESTAURATION DE REGISTRES SELECTIONNES DANS UN TRAITEMENT TRANSACTIONNEL**

[72] GREINER, DAN, US

[72] JACOBI, CHRISTIAN, US

[72] SLEGEL, TIMOTHY, US

[71] INTERNATIONAL BUSINESS

MACHINES CORPORATION, US

[85] 2014-11-20

[86] 2012-11-26 (PCT/IB2012/056733)

[87] (WO2013/186603)

[30] US (13/524,882) 2012-06-15

[21] **2,874,180**
[13] A1

[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **HETEROARYL COMPOUNDS AND METHODS OF USE THEREOF**

[54] **COMPOSES HETEROARYLES ET LEURS PROCEDES D'UTILISATION**

[72] CAMPBELL, JOHN EMMERSON, US

[72] JONES, PHILLIP G., US

[72] MALCOLM, SCOTT, US

[71] SUNOVION PHARMACEUTICALS INC., US

[85] 2014-11-19

[86] 2013-06-19 (PCT/US2013/046483)

[87] (WO2013/192273)

[30] US (61/661,710) 2012-06-19

[21] **2,874,181**
[13] A1

[51] **Int.Cl. G06F 9/30 (2006.01) G06F 12/00 (2006.01)**

[25] EN

[54] **CONSTRAINED TRANSACTION EXECUTION**

[54] **EXECUTION DE TRANSACTIONS CONTRAINTEES**

[72] GREINER, DAN, US

[72] SLEGEL, TIMOTHY, US

[72] JACOBI, CHRISTIAN, US

[71] INTERNATIONAL BUSINESS

MACHINES CORPORATION, US

[85] 2014-11-20

[86] 2012-11-26 (PCT/IB2012/056734)

[87] (WO2013/186604)

[30] US (13/524,788) 2012-06-15

[21] **2,874,182**
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**

[25] EN

[54] **DYNAMIC ULTRAVIOLET LAMP BALLAST SYSTEM**

[54] **SYSTEME DE BALLAST DE LAMPE A RAYONNEMENT ULTRAVIOLET DYNAMIQUE**

[72] ENGELHARD, ROLF, US

[71] HAYWARD INDUSTRIES, INC., US

[85] 2014-11-18

[86] 2013-05-20 (PCT/US2013/041789)

[87] (WO2013/177027)

[30] US (61/649,888) 2012-05-21

[21] **2,874,183**
[13] A1

[51] **Int.Cl. D06F 39/02 (2006.01)**

[25] EN

[54] **DRIP TRAY FOR LAUNDRY TREATMENT SYSTEM**

[54] **PLATEAU D'EGOUTTAGE POUR SYSTEME DE TRAITEMENT DU LINGE**

[72] RIESENBERG, LAUREN MICHELLE, US

[72] OLSEN, ROBB ERIC, US

[72] BULLOCK, JAMES NATHANIEL, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-11-19

[86] 2013-06-20 (PCT/US2013/046732)

[87] (WO2014/031218)

[30] US (13/529,624) 2012-06-21

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[21] **2,874,184**
[13] A1

[51] **Int.Cl. G06F 9/30 (2006.01)**
[25] EN
[54] **PROCESSOR ASSIST FACILITY**
[54] **DISPOSITIF D'AIDE AU**
PROCESSEUR
[72] GREINER, DAN, US
[72] SLEGEL, TIMOTHY, US
[72] JACOBI, CHRISTIAN, US
[72] RELSON, PETER JEREMY, US
[72] PHILLEY, RANDALL WILLIAM, US
[71] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2012-11-26 (PCT/IB2012/056735)
[87] (WO2013/186605)
[30] US (13/524,871) 2012-06-15

[21] **2,874,185**
[13] A1

[51] **Int.Cl. B01J 20/18 (2006.01) B01D**
53/02 (2006.01) B01J 20/28 (2006.01)
B01J 20/30 (2006.01)
[25] EN
[54] **COMPOSITIONS USEFUL IN**
ADSORPTION AND REACTIVE
PROCESSES
[54] **COMPOSITIONS UTILES POUR**
LES TRAITEMENTS PAR
ADSORPTION ET REACTION
[72] ACKLEY, MARK WILLIAM, US
[72] BARRETT, PHILIP ALEXANDER, US
[72] STEPHENSON, NEIL ANDREW, US
[72] KIKKINIDES, EUSTATHIOS S., GR
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2014-11-19
[86] 2013-06-20 (PCT/US2013/046833)
[87] (WO2013/192426)
[30] US (13/530,209) 2012-06-22

[21] **2,874,186**
[13] A1

[51] **Int.Cl. G06F 9/34 (2006.01) G06F**
9/355 (2006.01)
[25] EN
[54] **COMPARE AND REPLACE DAT**
TABLE ENTRY
[54] **COMPARAISON ET**
REMPLACEMENT D'ENTREE DE
TABLE DAT
[72] GREINER, DAN, US
[72] ROGERS, ROBERT, US
[71] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2012-11-26 (PCT/IB2012/056736)
[87] (WO2013/186606)
[30] US (13/524,468) 2012-06-15

[21] **2,874,187**
[13] A1

[51] **Int.Cl. A01M 23/38 (2006.01)**
[25] EN
[54] **MULTIPLE-USE VERMIN TRAP**
APPARATUS, METHOD AND
SYSTEM
[54] **APPAREIL, PROCEDE ET**
SYSTEME DE PIEGEAGE
D'ANIMAUX INDESIRABLES A
USAGES MULTIPLES
[72] GRANT, JOHN, CA
[71] ANIMAL DETERRENT SYSTEMS
LTD., CA
[85] 2014-11-20
[86] 2012-05-29 (PCT/CA2012/000518)
[87] (WO2013/177652)

[21] **2,874,188**
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61N**
5/06 (2006.01)
[25] EN
[54] **CATHETER FOR**
PHOTODYNAMIC THERAPY
[54] **CATHETER POUR TRAITEMENT**
PHOTODYNAMIQUE
[72] LOEBEL, NICOLAS, US
[72] BIEL, MERRILL, US
[72] CALLAHAN MORGENS, SOJA-
MARIE, US
[71] SINUWAVE TECHNOLOGIES, INC.,
US
[85] 2014-11-18
[86] 2013-05-20 (PCT/US2013/041831)
[87] (WO2013/177043)
[30] US (61/649,510) 2012-05-21

[21] **2,874,189**
[13] A1

[51] **Int.Cl. G06F 21/57 (2013.01) G06F**
21/40 (2013.01)
[25] EN
[54] **CYBER SECURITY ANALYZER**
[54] **ANALYSEUR DE**
CYBERSECURITE
[72] MACY, DAVID P., US
[72] BOO, LEIF PATRIK, US
[72] POPPENBERG, RAINER, DE
[72] PHILLIPS, BRYAN R., US
[71] ABB TECHNOLOGY AG, CH
[85] 2014-11-20
[86] 2013-04-23 (PCT/IB2013/001106)
[87] (WO2013/160765)
[30] US (13/453,344) 2012-04-23

[21] **2,874,190**
[13] A1

[51] **Int.Cl. B25C 1/00 (2006.01) H02K**
7/18 (2006.01) H02K 35/02 (2006.01)
[25] EN
[54] **FASTENER-DRIVING TOOL WITH**
AN ELECTRIC POWER
GENERATOR
[54] **OUTIL D'ENTRAINEMENT**
D'ELEMENT DE FIXATION
COMPRENANT UN GENERATEUR
D'ENERGIE ELECTRIQUE
[72] MOORE, STEPHEN P., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-19
[86] 2013-06-21 (PCT/US2013/047025)
[87] (WO2013/192511)
[30] US (61/662,737) 2012-06-21
[30] US (13/796,255) 2013-03-12

[21] **2,874,191**
[13] A1

[51] **Int.Cl. C12N 15/31 (2006.01) A61K**
39/08 (2006.01) A61K 39/385
(2006.01) A61P 31/04 (2006.01) A61P
37/04 (2006.01) C07K 14/33 (2006.01)
C07K 16/12 (2006.01) C07K 19/00
(2006.01) G01N 33/569 (2006.01)
[25] EN
[54] **A NOVEL TOXIN IN TYPE A**
CLOSTRIDIUM PERFRINGENS
[54] **NOUVELLE TOXINE DE**
CLOSTRIDIUM PERFRINGENS
DE TYPE A
[72] MEHDIZADEH GOHARI, IMAN, CA
[72] PARREIRA PINTO, VALERIA, CA
[72] PRESCOTT, JOHN, CA
[71] UNIVERSITY OF GUELPH, CA
[85] 2014-11-20
[86] 2013-05-23 (PCT/CA2013/000503)
[87] (WO2013/173910)
[30] US (61/650,801) 2012-05-23

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[21] **2,874,192**
[13] A1

[51] **Int.Cl. B23K 9/32 (2006.01) B23K 37/02 (2006.01) B62B 3/10 (2006.01) B62B 3/16 (2006.01) F02B 63/04 (2006.01) F16M 3/00 (2006.01)**

[25] EN

[54] **WELDING POWER SUPPLY UNIT WITH A ROLL CAGE WITH INCORPORATED LIFT HANDLES**

[54] **UNITE D'ALIMENTATION EN ENERGIE DE SOUDAGE COMPRENANT CAGE DE RETOURNEMENT MUNIE DE POIGNEES DE LEVAGE INTEGREES**

[72] LIEBERT, SCOTT STEPHEN, US

[72] DANTINNE, MARKUS MICHAEL, US

[71] ILLINOIS TOOL WORKS INC., US

[85] 2014-11-19

[86] 2013-08-04 (PCT/US2013/053535)

[87] (WO2014/025655)

[30] US (61/682,093) 2012-08-10

[30] US (13/910,763) 2013-06-05

[21] **2,874,193**
[13] A1

[51] **Int.Cl. A61K 31/121 (2006.01) A61K 31/135 (2006.01) A61K 31/18 (2006.01) A61K 31/343 (2006.01) A61K 31/365 (2006.01) A61K 31/381 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **COMBINATION COMPRISING PARTHENOLIDE FOR USE IN THE TREATMENT OF ALZHEIMER'S DISEASE AND OTHER NEURODEGENERATIVE DISORDERS**

[54] **COMBINAISON COMPRENANT DU PARTHENOLIDE POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET D'AUTRES TROUBLES NEURODEGENERATIFS**

[72] BAJIC, VLADIMIR, SA

[72] ESSACK, MAGBUBAH, SA

[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA

[85] 2014-11-20

[86] 2013-05-22 (PCT/IB2013/001806)

[87] (WO2013/175315)

[30] US (61/649,964) 2012-05-22

[21] **2,874,194**
[13] A1

[51] **Int.Cl. B23K 35/36 (2006.01) B23K 35/02 (2006.01)**

[25] EN

[54] **A TUBULAR WELDING WIRE, A WELDING METHOD AND A WELDING SYSTEM**

[54] **FIL DE SOUDAGE TUBULAIRE, PROCEDE DE SOUDAGE ET SYSTEME DE SOUDAGE**

[72] BARHORST, STEVEN, US

[72] AMATA, MARIO, US

[72] PAGANO, KEVIN, US

[71] HOBART BROTHERS COMPANY, US

[85] 2014-11-19

[86] 2013-08-27 (PCT/US2013/056907)

[87] (WO2014/036035)

[30] US (13/596,713) 2012-08-28

[21] **2,874,195**
[13] A1

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

[25] EN

[54] **METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS**

[54] **PROCEDES ET METHODES D'EVALUATION NON INVASIVE DE VARIATIONS GENETIQUES**

[72] DECIU, COSMIN, US

[72] KIM, SUNG K., US

[71] SEQUENOM, INC., US

[85] 2014-11-18

[86] 2013-05-20 (PCT/US2013/041906)

[87] (WO2013/177086)

[30] US (61/649,841) 2012-05-21

[30] US (61/740,377) 2012-12-20

[30] US (61/740,368) 2012-12-20

[30] US (13/782,857) 2013-03-01

[30] US (13/782,883) 2013-03-01

[21] **2,874,196**
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/397 (2006.01) A61K 31/506 (2006.01)**

[25] EN

[54] **USE OF GHRELIN RECEPTOR INVERSE AGONISTS OR ANTAGONISTS FOR TREATING SLEEP DISORDERS**

[54] **UTILISATION D'AGONISTES OU D'ANTAGONISTES DES RECEPTEURS DE LA GHRELIN POUR TRAITER LES TROUBLES DU SOMMEIL**

[72] DENNEY, WILLIAM S., US

[72] JACKSON, MARGARET, US

[72] SONNENBERG, GABRIELE, US

[71] PFIZER INC., US

[85] 2014-11-20

[86] 2013-05-21 (PCT/IB2013/054177)

[87] (WO2013/182933)

[30] US (61/655,177) 2012-06-04

[30] US (61/812,416) 2013-04-16

[21] **2,874,197**
[13] A1

[51] **Int.Cl. G01N 21/31 (2006.01) G01N 33/34 (2006.01)**

[25] EN

[54] **MOISTURE MEASUREMENT**

[54] **MESURE D'HUMIDITE**

[72] MANTYLA, MARKKU, FI

[71] METSO AUTOMATION OY, FI

[85] 2014-11-20

[86] 2013-05-22 (PCT/FI2013/050560)

[87] (WO2013/175072)

[30] FI (20125561) 2012-05-25

[21] **2,874,198**
[13] A1

[51] **Int.Cl. C12N 9/26 (2006.01)**

[25] EN

[54] **ALPHA-AMYLASE VARIANTS DERIVED FROM THE ALPHA AMYLASE OF CYTOSPHA SP. AMYLASE (CSPAMY2).**

[54] **VARIANTS D'ALPHA-AMYLASE DERIVES DE L'ALPHA-AMYLASE DE CYTOSPHA SP. AMYLASE/ (CSPAMY2)**

[72] CASCAO-PEREIRA, LUIS G., US

[72] ESTELL, DAVID A., US

[72] KOLKMAN, MARC, US

[71] DANISCO US INC., US

[85] 2014-11-19

[86] 2013-06-03 (PCT/US2013/043897)

[87] (WO2013/184577)

[30] US (61/657,501) 2012-06-08

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[21] **2,874,199**
[13] A1

[51] **Int.Cl. G01M 1/38 (2006.01) B60D 1/30 (2006.01) B60K 28/04 (2006.01) B60P 1/54 (2006.01) G01M 1/14 (2006.01) G01M 1/30 (2006.01) A01G 23/02 (2006.01)**

[25] EN

[54] **STABILIZING OF FOREST WORK UNIT**

[54] **STABILISATION D'UNITE POUR TRAVAUX FORESTIERS**

[72] KIVI, ALEKSI, FI

[72] OINONEN, MIKKO, FI

[71] PONSSE OYJ, FI

[85] 2014-11-20

[86] 2013-05-31 (PCT/FI2013/050592)

[87] (WO2013/178886)

[30] FI (20125598) 2012-05-31

[21] **2,874,200**
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**

[25] EN

[54] **SYSTEM FOR MAKING AVAILABLE FOR HIRE VEHICLES FROM A FLEET AGGREGATED FROM A PLURALITY OF VEHICLE FLEETS**

[54] **SYSTEME POUR RENDRE DISPONIBLE LA LOCATION DE VEHICULES D'UN PARC AGREGE A PARTIR D'UNE PLURALITE DE PARCS DE VEHICULES**

[72] FARINHA GOMES FELIX, JOAO TIAGO, PT

[71] MOBIAG, LDA., PT

[85] 2014-11-20

[86] 2013-05-22 (PCT/IB2013/054241)

[87] (WO2013/175418)

[30] PT (106323) 2012-05-22

[21] **2,874,201**
[13] A1

[51] **Int.Cl. B65G 47/26 (2006.01)**

[25] EN

[54] **ANALYSIS SYSTEM AND ASSOCIATED METHOD OF HANDLING AND ANALYSING DISCRETE MINERAL SAMPLES**

[54] **SYSTEME D'ANALYSE ET PROCEDE ASSOCIE DE MANIPULATION ET D'ANALYSE D'ECHANTILLONS MINERAUX DISTINCTS**

[72] CARTER, GEOFFERY ALAN, AU

[72] WILLIAMS, ROSS PETER, AU

[72] GREEN, CRAIG, AU

[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU

[85] 2014-11-20

[86] 2013-05-24 (PCT/AU2013/000554)

[87] (WO2013/173883)

[30] AU (2012902164) 2012-05-25

[21] **2,874,202**
[13] A1

[51] **Int.Cl. B01J 16/00 (2006.01) C08H 8/00 (2010.01) B01J 19/18 (2006.01) B01J 19/32 (2006.01)**

[25] EN

[54] **REACTOR SYSTEM AND PROCESS FOR WOOD MODIFICATION**

[54] **PROCEDE ET SYSTEME DE REACTEUR DESTINES A LA MODIFICATION DU BOIS**

[72] POL, BERNARDUS JOZEF MARIA, NL

[72] BUSSEMAKER, PAUL, NL

[72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, NL

[72] RADEMAKERS, KARLIJN, NL

[71] TITAN WOOD LIMITED, GB

[85] 2014-11-20

[86] 2013-05-22 (PCT/IB2013/054244)

[87] (WO2013/175420)

[30] EP (12168973.1) 2012-05-22

[21] **2,874,203**
[13] A1

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

[25] EN

[54] **SUBSTITUTED PYRAZOLOQUINAZOLINONES AND PYRROLOQUINAZOLINONES AS ALLOSTERIC MODULATORS OF GROUP II METABOTROPIC GLUTAMATE RECEPTORS**

[54] **PYRAZOLOQUINAZOLINONES ET PYRROLOQUINAZOLINONES SUBSTITUEES COMME MODULATEURS ALLOSTERIQUES DES RECEPTEURS METABOTROPIQUES DU GLUTAMATE DE GROUPE II**

[72] MAYER, STANISLAS, FR

[72] SCHANN, STEPHAN, FR

[71] DOMAIN THERAPEUTICS, FR

[85] 2014-11-20

[86] 2013-05-21 (PCT/EP2013/060426)

[87] (WO2013/174822)

[30] EP (12360043.9) 2012-05-21

[21] **2,874,204**
[13] A1

[51] **Int.Cl. B60Q 1/00 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR MONITORING A BRAKE SYSTEM OF A MINING MACHINE**

[54] **SYSTEME ET PROCEDE PERMETTANT DE CONTROLER L'ARBRE DE FREIN D'UNE MACHINE D'EXPLOITATION MINIERE**

[72] RIKKOLA, MICHAEL J., US

[72] GUDUR, SHASHIKIRAN, US

[72] BHUSHAN, ANUBHAW, US

[71] HARNISCHFEGER TECHNOLOGIES, INC., US

[85] 2014-12-04

[86] 2014-03-14 (PCT/US2014/029651)

[87] (WO2014/153213)

[30] US (61/784,067) 2013-03-14

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[21] **2,874,205**
[13] A1

[51] **Int.Cl. E06B 9/88 (2006.01) E06B 9/06 (2006.01)**
[25] FR
[54] **DOOR HAVING A FLEXIBLE CURTAIN**
[54] **LA PRESENTE INVENTION CONCERNE UNE PORTE AUTOMATIQUE A RIDEAU SOUPLE**
[72] KRAEUTLER, BERNARD, FR
[71] NERGECO, FR
[85] 2014-11-20
[86] 2013-04-16 (PCT/FR2013/050836)
[87] (WO2013/175090)
[30] FR (12/54783) 2012-05-24

[21] **2,874,206**
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] FR
[54] **METHODS FOR DELIVERING ELECTRONIC MAILS ON REQUEST, ELECTRONIC MAIL SERVERS AND COMPUTER PROGRAMS IMPLEMENTING SAID METHODS**
[54] **PROCEDES DE DELIVRANCE DE COURRIELS A LA DEMANDE, SERVEURS DE COURRIELS ET PROGRAMMES D'ORDINATEUR METTANT EN OEUVRE DE TELS PROCEDES**
[72] THEMEREAU, VINCENT, FR
[71] STREAMWIDE, FR
[85] 2014-11-20
[86] 2013-05-29 (PCT/FR2013/051194)
[87] (WO2013/178943)
[30] FR (12 55029) 2012-05-31

[21] **2,874,207**
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] FR
[54] **METHOD FOR PROCESSING IMAP DATA FLOWS, ELECTRONIC MAIL SERVERS AND COMPUTER PROGRAMS IMPLEMENTING SAID METHODS**
[54] **PROCEDE DE TRAITEMENT DE FLUX DE DONNEES IMAP, SERVEURS DE COURRIELS ET PROGRAMMES D'ORDINATEUR METTANT EN OEUVRE DE TELS PROCEDES**
[72] THEMEREAU, VINCENT, FR
[71] STREAMWIDE, FR
[85] 2014-11-20
[86] 2013-05-29 (PCT/FR2013/051195)
[87] (WO2013/178944)
[30] FR (12 55031) 2012-05-31

[21] **2,874,208**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC MITRAL VALVE**
[54] **VALVULE MITRALE PROSTHETIQUE**
[72] RAANANI, EHUD, IL
[72] ORLOV, BORIS, IL
[72] HARARI, BOAZ, IL
[72] MEIRI, ODED, IL
[72] ROZITSKY, LICHEN, IL
[71] MITRALHEAL LTD., IL
[71] TEL HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD., IL
[85] 2014-11-18
[86] 2013-05-20 (PCT/IL2013/050432)
[87] (WO2013/175468)
[30] US (61/649,319) 2012-05-20

[21] **2,874,209**
[13] A1

[51] **Int.Cl. A01B 59/06 (2006.01) A01D 34/66 (2006.01)**
[25] FR
[54] **IMPROVED COUPLING DEVICE AND AGRICULTURAL MACHINE COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF D'ACCOUPLMENT PERFECTIONNE ET MACHINE AGRICOLE COMPORTANT UN TEL DISPOSITIF**
[72] HALTER, CEDRIC, FR
[72] WILHELM, JOEL, FR
[71] KUHN S.A., FR
[85] 2014-11-20
[86] 2013-06-05 (PCT/FR2013/051275)
[87] (WO2014/001671)
[30] FR (1255985) 2012-06-25

[21] **2,874,210**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 39/095 (2006.01) A61P 31/04 (2006.01) G01N 30/06 (2006.01) G01N 30/96 (2006.01)**
[25] EN
[54] **MENINGOCOCCUS SEROGROUP X CONJUGATE**
[54] **CONJUGUE DE SEROGROUPE X DE MENINGOCOQUE**
[72] ROMANO, MARIA ROSARIA, IT
[72] MICOLI, FRANCESCA, IT
[72] BERTI, FRANCESCO, IT
[72] ADAMO, ROBERTO, IT
[72] COSTANTINO, PAOLO, IT
[71] NOVARTIS AG, CH
[85] 2014-11-20
[86] 2013-05-22 (PCT/EP2013/060447)
[87] (WO2013/174832)
[30] US (61/650,025) 2012-05-22
[30] US (61/698,677) 2012-09-09
[30] US (61/799,528) 2013-03-15

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[21] **2,874,211**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **PROTEIN KINASE INHIBITORS**
[54] **INHIBITEURS DE PROTEINE KINASES**
[72] JAQUITH, JAMES B., CA
[72] LAURENT, ALAIN, CA
[72] ROSE, YANNICK, CA
[71] PHARMASCIENCE INC., CA
[85] 2014-11-20
[86] 2013-05-28 (PCT/CA2013/000513)
[87] (WO2013/177668)
[30] CA (2,779,184) 2012-05-31
[30] CA (2,813,299) 2013-04-17

[21] **2,874,212**
[13] A1

[51] **Int.Cl. H05B 33/02 (2006.01) H01L 51/50 (2006.01) H05B 33/10 (2006.01) H05B 33/28 (2006.01)**
[25] EN
[54] **ORGANIC EL ELEMENT AND METHOD FOR MANUFACTURING SAME ELEMENT**
[54] **ELECTROLUMINESCENT ORGANIQUE ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] NISHIMURA, SUZUSHI, JP
[72] JEONG, SOONMOON, JP
[72] SHIBANUMA, TOSHIHIKO, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2014-11-18
[86] 2013-04-30 (PCT/JP2013/062669)
[87] (WO2013/187149)
[30] JP (2012-132102) 2012-06-11

[21] **2,874,213**
[13] A1

[51] **Int.Cl. B60P 3/20 (2006.01) B60H 1/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR REFRIGERATED TRANSPORT USING AN INDIRECT INJECTION OF A CRYOGENIC LIQUID AND AFFORDING A SOLUTION FOR MAINTAINING TEMPERATURE IN THE EVENT OF EXTREMELY LOW OUTSIDE TEMPERATURES**
[54] **PROCEDE ET DISPOSITIF POUR LE TRANSPORT REFRIGERE UTILISANT UNE INJECTION INDIRECTE D'UN LIQUIDE CRYOGENIQUE ET APPORTANT UNE SOLUTION DE MAINTIEN EN TEMPERATURE DANS LE CAS DES TEMPERATURES EXTERIEURES TRES BASSES**
[72] MACRON, JONATHAN, FR
[72] ZERBINATTI, CELSO, FR
[72] JOUVAUD, DOMINIQUE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2014-11-20
[86] 2013-06-11 (PCT/FR2013/051356)
[87] (WO2014/006292)
[30] FR (1256358) 2012-07-03

[21] **2,874,214**
[13] A1

[51] **Int.Cl. C12N 9/64 (2006.01) A23C 19/06 (2006.01) C12N 15/59 (2006.01)**
[25] EN
[54] **VARIANTS OF CHYMOSIN WITH IMPROVED MILK-CLOTTING PROPERTIES**
[54] **VARIANTS DE CHYMOSINE AVEC DES PROPRIETES AMELIOREES POUR LE CAILLAGE DU LAIT**
[72] VAN DEN BRINK, JOHANNES MAARTEN, DK
[72] LUND, MARTIN, DK
[72] JACOBSEN, JONAS, DK
[72] HANSEN, SARI CHARLOTTE, DK
[72] JEPPESEN, IBEN, DK
[71] CHR. HANSEN A/S, DK
[85] 2014-11-20
[86] 2013-05-22 (PCT/EP2013/060460)
[87] (WO2013/174840)
[30] EP (12169503.5) 2012-05-25

[21] **2,874,215**
[13] A1

[51] **Int.Cl. A61D 19/02 (2006.01) A61D 19/04 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **FERTILIZED EGG OR SPERM INJECTOR**
[54] **INJECTEUR D'UF FECONDE OU DE SPERME**
[72] YAMANE, SEIICHI, JP
[72] TUGANE, MASAKO, JP
[72] TAKEBUCHI, YUTAKA, JP
[72] OHMORI, KOJI, JP
[71] AIR WATER MACH INC., JP
[71] NATIONAL FEDERATION OF AGRICULTURAL COOPERATIVE ASSOCIATIONS, JP
[71] YAMANETECH, INC., JP
[85] 2014-11-18
[86] 2013-05-17 (PCT/JP2013/063763)
[87] (WO2013/176047)
[30] JP (2012-116699) 2012-05-22
[30] JP (2013-024509) 2013-02-12

[21] **2,874,216**
[13] A1

[51] **Int.Cl. A61K 31/737 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) C08B 37/08 (2006.01)**
[25] EN
[54] **LOW-MOLECULAR-WEIGHT BIOTECHNOLOGICAL CHONDROITIN 6-SULPHATE FOR PREVENTION OF OSTEOARTHRITIS**
[54] **6-SULFATE DE CHONDROITINE BIOTECHNOLOGIQUE DE FAIBLE MASSE MOLECULAIRE POUR LA PREVENTION DE L'ARTHROSE**
[72] MIRAGLIA, NICCOLO, IT
[72] BIANCHI, DAVIDE, IT
[72] VALOTI, ERMANNO, IT
[72] TRENTIN, ANTONELLA, IT
[72] TRILLI, ANTONIO, IT
[72] BUSIELLO, IMMACOLATA, IT
[72] AGOSTINETTO, MARCO, IT
[72] BAZZA, PAOLA, IT
[72] VALETTI, MARCO, IT
[71] GNOSIS S.P.A., IT
[85] 2014-11-20
[86] 2013-05-22 (PCT/EP2013/060471)
[87] (WO2013/174847)
[30] IT (MI2012A000880) 2012-05-22

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[21] **2,874,217**
[13] A1

[51] **Int.Cl. B23K 9/23 (2006.01) B23K 9/16 (2006.01) B23K 9/173 (2006.01) C22C 18/04 (2006.01) C22C 38/14 (2006.01) C22C 38/00 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING ARC-WELDED STRUCTURAL MEMBER**

[54] **PROCEDE POUR PRODUIRE UN ELEMENT STRUCTUREL SOUDE A L'ARC**

[72] HOSOMI, KAZUAKI, JP
[72] NOBUTOKI, TOMOKAZU, JP
[72] ASADA, HIROSHI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2014-09-16
[86] 2013-05-22 (PCT/JP2013/064196)
[87] (WO2013/187197)
[30] JP (2012-134657) 2012-06-14

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[54] **CAPSULE FOR MAKING BEVERAGES**

[54] **CAPSULE POUR PREPARER DES BOISSONS**

[72] ACCURSI, GIOVANNI, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2014-11-20
[86] 2013-06-06 (PCT/IB2013/054659)
[87] (WO2013/183023)
[30] IT (VR2012A000121) 2012-06-08

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[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/24 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR LOADING A PROSTHESIS ONTO A DELIVERY SYSTEM**

[54] **PROCEDE ET APPAREIL DE CHARGEMENT D'UNE PROTHESE SUR UN SYSTEME DE MISE EN PLACE**

[72] LANE, RANDY MATTHEW, CA
[72] NYULL, COLIN A., CA
[71] NEOVASC TIARA INC., CA
[85] 2014-11-20
[86] 2013-05-30 (PCT/CA2013/000530)
[87] (WO2013/177684)
[30] US (61/653,273) 2012-05-30

[21] **2,874,220**
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[51] **Int.Cl. A61B 19/00 (2006.01) A61F 9/007 (2006.01) A61F 9/008 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR IMPROVING VISION USING LASER PHOTOMIOSIS**

[54] **DISPOSITIFS ET PROCEDES D'AMELIORATION DE LA VISION UTILISANT UN APPAREIL PHOTO MYOSIS A LASER**

[72] HICKENBOTHAM, ADAM L., US
[71] THRUFOCUS OPTICS, INC., US
[85] 2014-08-19
[86] 2013-02-22 (PCT/US2013/027509)
[87] (WO2013/126838)
[30] US (61/603,281) 2012-02-25

[21] **2,874,221**
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[51] **Int.Cl. H01H 9/16 (2006.01) H01H 13/36 (2006.01)**

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[54] **STATE AND OPERATION INDICATOR FOR A SWITCH**

[54] **INDICATEUR D'ETAT ET DE FONCTIONNEMENT POUR UN INTERRUPTEUR**

[72] DOBI, STEVAN, CA
[71] DOBI, STEVAN, CA
[85] 2014-11-20
[86] 2013-10-23 (PCT/CA2013/000905)
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[30] US (61/718,296) 2012-10-25

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[51] **Int.Cl. A61K 31/726 (2006.01) A61P 19/02 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01)**

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[54] **CHONDROITIN FOR USE IN MEDICINE**

[54] **CHONDROITINE DESTINEE A ETRE UTILISEE EN MEDECINE**

[72] DE ROSA, MARIO, CH
[72] SCHIRALDI, CHIARA, CH
[71] ALTERGON S.A., CH
[85] 2014-11-20
[86] 2013-05-22 (PCT/EP2013/060501)
[87] (WO2013/174863)
[30] IT (MI2012A000896) 2012-05-23

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[54] **METHODS AND DEVICES OF PROVIDING MECHANICAL STIMULATION TO THE BODY**

[54] **PROCEDES ET DISPOSITIFS D'APPLICATION D'UNE STIMULATION MECANIQUE AU CORPS**

[72] EHRENREICH, KEVIN JOE, US
[71] SYMPARA MEDICAL, INC., US
[85] 2014-11-13
[86] 2013-05-16 (PCT/US2013/041465)
[87] (WO2013/173656)
[30] US (61/648,060) 2012-05-16
[30] US (61/648,082) 2012-05-17
[30] US (61/648,081) 2012-05-17
[30] US (61/648,083) 2012-05-17

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[51] **Int.Cl. B21H 5/02 (2006.01)**

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[54] **SPLINE ROLLING RACK AND METHOD**

[54] **RATELIER A ROULER LES CANNELURES ET PROCEDE**

[72] CALLESEN, MICHAEL DAVID, US
[71] U.S. GEAR TOOLS, INC., US
[85] 2014-11-18
[86] 2013-05-21 (PCT/US2013/041988)
[87] (WO2013/177140)
[30] US (13/478,663) 2012-05-23

[21] **2,874,225**
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[51] **Int.Cl. G11B 5/584 (2006.01) G11B 5/008 (2006.01)**

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[54] **VIBRATION DISTURBANCE ESTIMATION AND CONTROL**

[54] **ESTIMATION ET CONTROLE DE PERTURBATIONS VIBRATOIRES**

[72] PANTAZI, ANGELIKI, CH
[72] BUI, NHAN XUAN, US
[72] JELITTO, JENS, CH
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-06-18 (PCT/CA2013/050468)
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[30] US (13/526,529) 2012-06-19

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[54] **CONDUCTING DEVICE AND SOCKET**
[54] **DISPOSITIF CONDUCTEUR ET PRISE**

[72] LIU, JIE, CN
[71] LIU, JIE, CN
[85] 2014-10-30
[86] 2013-04-01 (PCT/CN2013/000376)
[87] (WO2013/163886)
[30] CN (201210132719.1) 2012-05-03

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[13] A1

[51] **Int.Cl. C09J 167/00 (2006.01) C09J 11/06 (2006.01) C09J 109/00 (2006.01) C09J 123/26 (2006.01) C09J 201/00 (2006.01)**

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[54] **HOT MELT ADHESIVE**
[54] **ADHESIF THERMOFUSIBLE**

[72] TAKENAKA, MAKOTO, JP
[71] HENKEL AG & CO. KGAA, DE
[85] 2014-10-22
[86] 2013-04-25 (PCT/JP2013/062800)
[87] (WO2013/162059)
[30] JP (2012-101884) 2012-04-26

[21] **2,874,228**
[13] A1

[51] **Int.Cl. A61N 5/00 (2006.01) A61B 17/42 (2006.01) A61B 18/00 (2006.01) A61M 25/10 (2013.01) G21G 4/08 (2006.01)**

[25] EN
[54] **BRACHYTHERAPY TANDEM AND OVOID IMPLANTATION DEVICES AND METHODS**
[54] **DISPOSITIFS EN TANDEM ET PROCEDES DE CURIETHERAPIE ET D'IMPLANTATION D'OVOIDES**

[72] D'ANDREA, MARK A., US
[71] D'ANDREA, MARK A., US
[85] 2014-11-18
[86] 2013-05-22 (PCT/US2013/042165)
[87] (WO2013/177249)
[30] US (13/478,794) 2012-05-23

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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61M 5/142 (2006.01) A61M 5/50 (2006.01) A61N 1/38 (2006.01)**

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[54] **SUB-EPIDERMAL ELECTRIC WARNING DEVICE**
[54] **DISPOSITIF D'AVERTISSEMENT ELECTRIQUE SOUS-EPIDERMIQUE**

[72] HADVARY, PAUL, CH
[72] TSCHIRKY, HANSJORG, CH
[72] DINGER, RUDOLF, CH
[72] MICHOT, JEAN-PIERRE, CH
[71] PHARMASENS AG, CH
[85] 2014-11-20
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[30] EP (12173390.1) 2012-06-25

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[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/17 (2006.01) A61B 18/12 (2006.01)**

[25] EN
[54] **SOFT TISSUE CUTTING INSTRUMENT AND METHOD OF USE**
[54] **INSTRUMENT D'INCISION DES TISSUS MOUS ET METHODE D'UTILISATION ASSOCIEE**

[72] BORUS, TODD, US
[72] GRANCHI, CARINNE CECILE, US
[71] MAKO SURGICAL CORP., US
[85] 2014-11-18
[86] 2013-05-22 (PCT/US2013/042309)
[87] (WO2013/177334)
[30] US (61/650,273) 2012-05-22

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[51] **Int.Cl. B81B 1/00 (2006.01) B05C 5/02 (2006.01) B81B 5/00 (2006.01)**

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[54] **MICROFLUIDIC SURFACE PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE SURFACE MICROFLUIDIQUES**

[72] DUERIG, URS T., CH
[72] LOVCHIK, ROBERT, CH
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-06-11 (PCT/IB2013/054773)
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[30] GB (1211557.2) 2012-06-29

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[13] A1

[51] **Int.Cl. A43C 11/16 (2006.01)**

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[54] **ROTARY CLOSURE FOR A SHOE**
[54] **DISPOSITIF DE FERMETURE ROTATIF POUR CHAUSSURE**

[72] JUNGKIND, ROLAND, DE
[71] PUMA SE, DE
[85] 2014-10-29
[86] 2012-11-30 (PCT/EP2012/004984)
[87] (WO2014/082652)

[21] **2,874,233**
[13] A1

[51] **Int.Cl. A61C 13/15 (2006.01)**

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[54] **DENTAL CURING LIGHT WITH FLEXIBLE TIP**
[54] **LUMIERE DE DURCISSEMENT DENTAIRE AVEC EMBOUT FLEXIBLE**

[72] ESFANDIARI, SHANKROKH, CA
[71] S.A.T. INVESTMENT INC., CA
[85] 2014-11-20
[86] 2014-04-17 (PCT/CA2014/050384)
[87] (WO2014/169391)
[30] US (61/813,686) 2013-04-19

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[51] **Int.Cl. C04B 28/00 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **GEOPOLYMER ACTIVATOR COMPOSITION AND GEOPOLYMER BINDER, PAST AND CONCRETE**
[54] **COMPOSITION GEOPOLYMERE COMPRENANT DES ADDITIFS**
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[72] KEULEN, ARNO, NL
[71] PQA B.V., NL
[85] 2014-11-20
[86] 2013-05-23 (PCT/NL2013/050374)
[87] (WO2013/176545)
[30] NL (2008863) 2012-05-23

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[51] **Int.Cl. G01R 31/36 (2006.01) G06F 1/32 (2006.01) H02J 7/00 (2006.01)**
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[54] **LOW-POWER BATTERY PACK WITH SAFETY SYSTEM**
[54] **BLOC-BATTERIE A BASSE PUISSANCE COMPORTANT UN SYSTEME DE SECURITE**
[72] EAGLE, JONATHAN, US
[72] HARDY, JON, US
[71] HEARTWARE, INC., US
[85] 2014-11-17
[86] 2013-05-23 (PCT/US2013/042426)
[87] (WO2013/177396)
[30] US (61/651,376) 2012-05-24
[30] US (61/782,358) 2013-03-14

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[13] A1
[51] **Int.Cl. G06F 9/30 (2006.01) G06F 12/00 (2006.01)**
[25] EN
[54] **TRANSACTIONAL PROCESSING**
[54] **TRAITEMENT DE TRANSACTION**
[72] GREINER, DAN, US
[72] JACOBI, CHRISTIAN, US
[72] SLEGEL, TIMOTHY, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
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[30] US (13/524,921) 2012-06-15

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[13] A1
[51] **Int.Cl. A63B 21/045 (2006.01) A61H 1/02 (2006.01) A63B 21/00 (2006.01) A63B 21/02 (2006.01) A63B 23/08 (2006.01)**
[25] EN
[54] **EXERCISE DEVICES AND METHODS FOR EXERCISING AN ANKLE, FOOT, AND/OR LEG**
[54] **DISPOSITIFS ET PROCEDES D'EXERCICE PHYSIQUE PERMETTANT D'EXERCER UNE CHEVILLE, UN PIED OU UNE JAMBE**
[72] TARKINGTON, MARY ANNE, US
[72] SCHMIDT, PETER-CHRISTOPH TARKINGTON, US
[72] SCHMIDT, HANS J., US
[71] TS MEDICAL LLC, US
[85] 2014-11-18
[86] 2013-05-23 (PCT/US2013/042441)
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[51] **Int.Cl. G06F 9/30 (2006.01)**
[25] EN
[54] **SELECTIVELY CONTROLLING INSTRUCTION EXECUTION IN TRANSACTIONAL PROCESSING**
[54] **CONTROLE SELECTIF DE L'EXECUTION D'INSTRUCTIONS DANS UN TRAITEMENT TRANSACTIONNEL**
[72] GREINER, DAN, US
[72] JACOBI, CHRISTIAN, US
[72] SLEGEL, TIMOTHY, US
[72] ROGERS, ROBERT, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[86] 2013-06-12 (PCT/IB2013/054813)
[87] (WO2013/186722)
[30] US (13/524,898) 2012-06-15

[21] **2,874,239**
[13] A1
[51] **Int.Cl. G06F 12/16 (2006.01)**
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[54] **SOURCE CLEANING CASCADED VOLUMES**
[54] **NETTOYAGE DE SOURCE DE VOLUMES EN CASCADE**
[72] BEEKEN, CHRISTOPHER BARRY, GB
[72] AGOMBAR, JOHN PAUL, GB
[72] FUENTE, CARLOS FRANCISCO, GB
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-06-14 (PCT/IB2013/054877)
[87] (WO2014/001942)
[30] US (13/532,687) 2012-06-25

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[13] A1
[51] **Int.Cl. G01T 1/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FAST DETERMINATION OF UNKNOWN RADIATION DOSE**
[54] **PROCEDE ET APPAREIL POUR LA DETERMINATION RAPIDE D'UNE DOSE D'IRRADIATION INCONNUE**
[72] AKSELROD, MARK S., US
[72] DILLIN, KENT J., US
[71] LANDAUER, INC., US
[85] 2014-11-20
[86] 2013-06-21 (PCT/IB2013/055115)
[87] (WO2013/190518)
[30] US (61/663,223) 2012-06-22
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[54] **CONVERSION OF PROPANE TO PROPYLENE**
[54] **CONVERSION DU PROPANE EN PROPYLENE**
[72] JULKA, VIVEK, US
[72] GADEWAR, SAGAR, US
[72] STOIMENOV, PETER K., US
[72] GROSSO, PHILIP, US
[72] SHERMAN, JEFFREY H., US
[72] ZHANG, AIHUA, US
[72] MCFARLAND, ERIC W., US
[71] REACTION 35, LLC, US
[85] 2014-11-18
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[21] **2,874,242**
[13] A1

[51] **Int.Cl. G01T 1/10 (2006.01)**
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[54] **OSL SENSOR HAVING A REFLECTIVE BACKING**
[54] **DETECTEUR A LUMINESCENCE STIMULEE OPTIQUEMENT, A SUPPORT REFLECTEUR**
[72] AKSELROD, MARK S., US
[72] YODER, R. CRAIG, US
[71] LANDAUER, INC., US
[85] 2014-11-20
[86] 2013-06-21 (PCT/IB2013/055120)
[87] (WO2013/190521)
[30] US (61/663,223) 2012-06-22
[30] US (61/663,241) 2012-06-22
[30] US (13/923,489) 2013-06-21

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[13] A1

[51] **Int.Cl. A01K 61/00 (2006.01) D04G 1/00 (2006.01)**
[25] EN
[54] **BUOYANCY AND CONNECTION SYSTEM FOR RIGID, METALLIC AND/OR HIGH-WEIGHT MESHES OR NETS**
[54] **SYSTEME DE FLOTTAISON ET DE JONCTION POUR DES MAILLES OU DES FILETS RIGIDES, METALLIQUES ET/OU DE POIDS ELEVE**
[72] SANCHEZ RACCARO, RODROGI, CL
[71] ECOSEA FARMING S.A., CL
[85] 2014-11-20
[86] 2012-05-23 (PCT/CL2012/000025)
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[13] A1

[51] **Int.Cl. C07D 213/78 (2006.01) A61K 31/16 (2006.01) A61K 31/40 (2006.01) A61K 31/445 (2006.01) A61K 31/455 (2006.01) A61K 31/506 (2006.01) A61P 3/06 (2006.01) C07C 235/20 (2006.01) C07D 207/04 (2006.01) C07D 211/06 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **METHODS OF LOWERING PROPROTEIN CONVERTASE SUBTILISIN/KEXIN TYPE 9 (PCSK9)**
[54] **METHODES DE DIMINUTION DE LA PROPROTEINE CONVERTASE SUBTILISINE/KEXINE DE TYPE 9 (PCSK9)**
[72] MILNE, JILL C., US
[72] JIROUSEK, MICHAEL R., US
[72] VU, CHI B., US
[71] CATABASIS PHARMACEUTICALS, INC., US
[85] 2014-11-18
[86] 2013-05-24 (PCT/US2013/042693)
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[30] US (61/651,870) 2012-05-25
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[30] US (61/780,445) 2013-03-13

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[51] **Int.Cl. H01R 13/64 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **POWER MANAGEMENT SYSTEMS**
[54] **SYSTEMES DE GESTION DE PUISSANCE**
[72] JONES, FRANKLIN B., US
[72] JONES, STUART A., US
[72] NEHRING, ANDREW I., US
[72] JONES, DANIEL, US
[71] MOOG INC., US
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[13] A1

[51] **Int.Cl. H04N 5/238 (2006.01)**
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[54] **DIGITAL IMAGE CAPTURE UNDER CONDITIONS OF VARYING LIGHT INTENSITY**
[54] **CAPTURE D'IMAGES NUMERIQUES DANS DES CONDITIONS D'INTENSITE DE LUMIERE VARIABLE**
[72] SPIELBERG, ANTHONY CAPPA, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-06-25 (PCT/IB2013/055195)
[87] (WO2014/002001)
[30] US (13/536,208) 2012-06-28

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[25] EN	[25] EN	[25] EN
[54] COMPOSITIONS COMPRISING SHORT-ACTING BENZODIAZEPINES	[54] METHODS FOR PREDICTING DYNAMIC SAG USING VISCOMETER/RHEOMETER DATA	[54] 7-OXO-THIAZOLOPYRIDINE CARBONIC ACID DERIVATIVES AND THEIR USE IN THE TREATMENT, AMELIORATION OR PREVENTION OF A VIRAL DISEASE
[54] COMPOSITIONS COMPRENANT DES BENZODIAZEPINES A ACTION RAPIDE	[54] METHODES PERMETTANT DE PREDIRE LE FLECHISSEMENT DYNAMIQUE A L'AIDE DES DONNEES FOURNIES PAR UN VISCOSIMETRE/RHEOMETRE	[54] DERIVES D'ACIDE 7-OXOTHIAZOLOPYRIDINE CARBONIQUE ET LEUR UTILISATION DANS LE TRAITEMENT, L'AMELIORATION OU LA PREVENTION D'UNE MALADIE VIRALE
[72] GRAHAM, JOHN AITKEN, GB	[72] KULKARNI, SANDEEP, IN	[72] WOLKERSTORFER, ANDREA, AT
[72] BAILLIE, ALAN JAMES, GB	[72] SAVARI, SHARATH, IN	[72] SZOLAR, OLIVER, AT
[72] WARD, KEVIN RICHARD, GB	[72] TEKE, KUSHABHAU D., IN	[72] HANDLER, NORBERT, AT
[72] PEACOCK, THOMAS, GB	[72] TEKE, KUSHABHAU D., IN	[72] CUSACK, STEPHEN, FR
[71] PAION UK LIMITED, GB	[72] JAMISON, DALE E., US	[72] SAUVAITRE, THIBAUT, DE
[85] 2014-11-20	[72] MURPHY, ROBERT J., US	[72] MICHAUT-SIMON, CELINE, FR
[86] 2013-05-22 (PCT/EP2013/060543)	[72] GANTEPLA, ANITA, IN	[72] MORICE, CHRISTOPHE, FR
[87] (WO2013/174883)	[71] HALLIBURTON ENERGY SERVICES, INC., US	[72] GIETHLEN, BRUNO, FR
[30] EP (12168968.1) 2012-05-22	[85] 2014-11-18	[72] LANGER, THIERRY, FR
	[86] 2013-05-30 (PCT/US2013/043374)	[72] SMITH, MARK, US
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		[72] BUSCHMANN, HELMUT, DE
		[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
		[71] SAVIRA PHARMACEUTICALS GMBH, AT
		[71] F. HOFFMANN-LA ROCHE AG, CH
		[85] 2014-11-20
		[86] 2013-05-23 (PCT/EP2013/060633)
		[87] (WO2013/174930)
		[30] US (61/650,713) 2012-05-23
[21] 2,874,248 [13] A1		
[51] Int.Cl. B29D 30/52 (2006.01) B29C 35/02 (2006.01) B29D 30/08 (2006.01)		
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[54] TIRE TREAD AND METHOD OF MAKING THE SAME		
[54] BANDE DE ROULEMENT ET SON PROCEDE DE FABRICATION		
[72] NORTON, CRAIG B., US		
[71] BRIDGESTONE BANDAG, LLC, US		
[85] 2014-11-18		
[86] 2013-05-30 (PCT/US2013/043339)		
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[13] A1

[51] **Int.Cl. A01N 25/34 (2006.01) A01N 25/10 (2006.01) A01N 43/78 (2006.01) A01N 47/12 (2006.01) A01N 47/20 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**

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[54] **STORAGE AID COMPRISING PLANT PROTECTANTS AND THEIR USE**

[54] **AGENTS AUXILIAIRES DE CONSERVATION COMPORTANT DES SUBSTANCES PHYTOPROTECTRICES ET LEUR UTILISATION**

[72] RAUCH, KARIN, DE
[72] SCHONEWERK, JENS, DE
[72] WACHS, TILO, DE
[71] SE MA GESELLSCHAFT FUR INNOVATIONEN MBH, DE

[71] RKW SE, DE
[85] 2014-11-20
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[87] (WO2013/175461)
[30] DE (10 2012 009 965.7) 2012-05-22

[21] **2,874,252**
[13] A1

[51] **Int.Cl. C25D 17/00 (2006.01) C25D 3/44 (2006.01) C25D 17/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PREVENTING THERMITE REACTIONS IN ELECTROLYTIC CELLS**

[54] **SYSTEMES ET PROCEDES DE PREVENTION DE REACTIONS DE THERMITE DANS DES CELLULES ELECTROLYTIQUES**

[72] D'ASTOLFO, LEROY E., US
[72] STEINER, WILLIAM J., US
[72] MORELAND, ERIC C., US
[72] KOZAREK, ROBERT L., US
[72] RUAN, YIMIN, US
[71] ALCOA INC., US
[85] 2014-11-20
[86] 2013-08-19 (PCT/US2013/000190)
[87] (WO2014/028045)
[30] US (61/684,212) 2012-08-17
[30] US (61/800,649) 2013-03-15

[21] **2,874,253**
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 31/12 (2006.01) A61P 31/16 (2006.01)**

[25] EN

[54] **HETEROCYCLIC PYRIMIDINE CARBONIC ACID DERIVATIVES WHICH ARE USEFUL IN THE TREATMENT, AMELIORATION OR PREVENTION OF A VIRAL DISEASE**

[54] **DERIVES DE 7-OXO-4,7-DIHYDROPIRAZOLO[1,5-A]PYRIMIDINE QUI SONT UTILES DANS LE TRAITEMENT, L'AMELIORATION OU LA PREVENTION D'UNE MALADIE VIRALE**

[72] WOLKERSTORFER, ANDREA, AT
[72] SZOLAR, OLIVER, AT
[72] HANDLER, NORBERT, AT
[72] CUSACK, STEPHEN, FR
[72] SAUVAITRE, THIBAUT, DE
[72] MICHAUT-SIMON, CELINE, FR
[72] MORICE, CHRISTOPHE, FR
[72] GIETHLEN, BRUNO, FR
[72] LANGER, THIERRY, FR
[72] SMITH, MARK, US
[72] SO, SUNG-SAU, US
[72] CLASSEN-HOUBEN, DIRK, AT
[72] BUSCHMANN, HELMUT, DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
[71] SAVIRA PHARMACEUTICALS GMBH, AT
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-11-20
[86] 2013-05-23 (PCT/EP2013/060634)
[87] (WO2013/174931)
[30] US (61/650,725) 2012-05-23

[21] **2,874,254**
[13] A1

[51] **Int.Cl. H02K 7/116 (2006.01) F01D 15/10 (2006.01) F01D 15/12 (2006.01) F02C 6/00 (2006.01) F02C 7/00 (2006.01) F02C 7/32 (2006.01) H02K 7/18 (2006.01) H02K 16/00 (2006.01)**

[25] EN

[54] **POWER GENERATION UNIT OF INTEGRATED GEARBOX DESIGN FOR AIRCRAFT ENGINE**

[54] **UNITE DE GENERATION DE PUISSANCE D'UNE CONCEPTION DE CARTER DE TRANSMISSION INTEGRE POUR UN MOTEUR D'AERONEF**

[72] GOI, TATSUHIKO, JP
[72] TANAKA, KENICHIRO, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2014-11-20
[86] 2013-05-22 (PCT/JP2013/064241)
[87] (WO2013/179987)
[30] JP (2012-122579) 2012-05-30

[21] **2,874,255**
[13] A1

[51] **Int.Cl. E21B 17/08 (2006.01) E21B 17/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF SUPPORTING A MULTILATERAL WINDOW**

[54] **SYSTEMES ET PROCEDES DE SOUTIEN D'UNE FENETRE MULTILATERALE**

[72] DANCER, WILLIAM WALLACE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-20
[86] 2012-06-19 (PCT/US2012/043054)
[87] (WO2013/191679)

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[21] **2,874,256**
[13] A1

[51] **Int.Cl. C04B 14/36 (2006.01) C04B 26/28 (2006.01) C04B 28/02 (2006.01)**

[25] EN

[54] **GYPSUM-BASED BUILDING PRODUCTS AND METHOD FOR THE MANUFACTURE THEREOF**

[54] **PRODUITS DE BATIMENT A BASE DE GYPSE ET PROCEDE POUR LEUR FABRICATION**

[72] TABOULOT, ELODIE, FR

[72] HOUGA, CLEMENT, FR

[71] SAINT-GOBAIN PLACO SAS, FR

[85] 2014-11-20

[86] 2013-05-23 (PCT/EP2013/060677)

[87] (WO2013/174951)

[30] EP (12290175.4) 2012-05-25

[21] **2,874,259**
[13] A1

[51] **Int.Cl. C12N 5/10 (2006.01) C12N 15/113 (2010.01)**

[25] EN

[54] **HIGHLY EFFICIENT METHOD FOR ESTABLISHING ARTIFICIAL PLURIPOTENT STEM CELL**

[54] **PROCEDE A HAUTE EFFICACITE POUR L'ETABLISSEMENT DE CELLULE SOUCHE PLURIPOTENTE ARTIFICIELLE**

[72] YAMANAKA, SHINYA, JP

[72] OKITA, KEISUKE, JP

[71] KYOTO UNIVERSITY, JP

[85] 2014-11-20

[86] 2013-05-23 (PCT/JP2013/064409)

[87] (WO2013/176233)

[30] US (61/650,694) 2012-05-23

[21] **2,874,261**
[13] A1

[51] **Int.Cl. C08K 5/18 (2006.01) A61F 2/16 (2006.01) C08L 33/06 (2006.01) C08L 83/04 (2006.01)**

[25] EN

[54] **2-AMINO BENZOPHENONE UV-ABSORBERS FOR OPHTHALMIC LENS MATERIALS**

[54] **AGENTS 2-AMINO BENZOPHENONE ABSORBANT LES UV POUR MATERIAUX DE LENTILLES OPHTALMIQUES**

[72] FREEMAN, CHARLES, US

[71] NOVARTIS AG, CH

[85] 2014-11-20

[86] 2012-06-26 (PCT/US2012/044132)

[87] (WO2014/003714)

[21] **2,874,262**
[13] A1

[51] **Int.Cl. A01N 47/30 (2006.01) A01P 21/00 (2006.01) A01N 59/06 (2006.01)**

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[54] **DIURON-COMPRISING THINNING COMPOSITIONS**

[54] **AGENTS D'ECLAIRCISSEMENT CONTENANT DU DIURON**

[72] SAALFELD, FRANK, DE

[71] LANXESS DISTRIBUTION GMBH, DE

[85] 2014-11-20

[86] 2013-05-24 (PCT/EP2013/060778)

[87] (WO2013/174993)

[30] EP (12169559.7) 2012-05-25

[21] **2,874,264**
[13] A1

[51] **Int.Cl. G02F 1/015 (2006.01) H01L 21/329 (2006.01)**

[25] EN

[54] **DOUBLE LAYER INTERLEAVED P-N DIODE MODULATOR**

[54] **MODULATEUR A DIODES PN A ENTRELACEMENT DE DEUX COUCHES**

[72] GREEN, WILLIAM M., US

[72] ROSENBERG, JESSIE C., US

[72] VLASOV, YURII A., US

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2014-11-20

[86] 2013-04-16 (PCT/US2013/036696)

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[30] US (13/529,360) 2012-06-21

[30] US (13/535,888) 2012-06-28

[21] **2,874,266**
[13] A1

[51] **Int.Cl. A61K 31/522 (2006.01) A61K 33/06 (2006.01) A61P 1/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS CONTAINING THEOBROMINE AND THEIR USE IN TREATING TOOTH HYPERSENSITIVITY**

[54] **COMPOSITIONS CONTENANT DE LA THEOBROMINE ET LEUR UTILISATION DANS LE TRAITEMENT DE L'HYPERSENSIBILITE DENTAIRE**

[72] SADEGHPOUR, ARMAN, US

[72] NAKAMOTO, TETSUO, US

[71] THEOCORP HOLDING CO., LLC, US

[85] 2014-11-20

[86] 2013-03-14 (PCT/US2013/031371)

[87] (WO2013/191763)

[30] US (61/662,181) 2012-06-20

[21] **2,874,268**
[13] A1

[51] **Int.Cl. C07K 14/005 (2006.01) C07K 14/16 (2006.01) C12N 7/04 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **VIRUS-LIKE PARTICLE BASED PROTEIN-PROTEIN INTERACTION**

[54] **PARTICULE DE TYPE VIRAL SUR LA BASE D'UNE INTERACTION PROTEINE-PROTEINE**

[72] TAVERNIER, JAN, BE

[72] EYCKERMAN, SVEN, BE

[71] UNIVERSITEIT GENT, BE

[71] VIB VZW, BE

[85] 2014-11-20

[86] 2013-05-24 (PCT/EP2013/060787)

[87] (WO2013/174999)

[30] EP (12169209.9) 2012-05-24

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[21] **2,874,270**
[13] A1

[51] **Int.Cl. A61K 31/40 (2006.01) A61P 17/02 (2006.01) A61P 17/10 (2006.01) A61P 17/12 (2006.01) A61P 17/16 (2006.01)**

[25] FR

[54] **TOPICAL COMPOSITIONS IN THE FORM OF A GEL CONTAINING A PARTICULAR SOLUBILISED RETINOID**

[54] **COMPOSITIONS TOPIQUES SOUS FORME DE GEL CONTENANT UN RETINOIDE PARTICULIER SOLUBILISE**

[72] DUPRAT, AGNES, FR

[72] MALLARD, CLAIRE, FR

[71] GALDERMA RESEARCH & DEVELOPMENT, FR

[85] 2014-11-20

[86] 2013-05-30 (PCT/EP2013/061200)

[87] (WO2013/178759)

[30] FR (1255092) 2012-06-01

[30] US (61/654,702) 2012-06-01

[21] **2,874,272**
[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01) E21B 44/00 (2006.01)**

[25] EN

[54] **DRILLING SYSTEM, BIASING MECHANISM AND METHOD FOR DIRECTIONALLY DRILLING A BOREHOLE**

[54] **SYSTEME DE FORAGE, MECANISME DE RAPPEL ET PROCEDE PERMETTANT UN FORAGE DIRECTIONNEL D'UN TROU DE FORAGE**

[72] SCHAAF, STUART, US

[72] WERNIG, MARCUS D., US

[71] TELLUS OILFIELD, INC., US

[85] 2014-11-20

[86] 2013-03-15 (PCT/US2013/032406)

[87] (WO2013/180822)

[30] US (61/653,150) 2012-05-30

[21] **2,874,276**
[13] A1

[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/142 (2006.01)**

[25] EN

[54] **APPARATUS FOR INFUSING FLUID**

[54] **APPAREIL DE PERFUSION DE FLUIDE**

[72] KAMEN, DEAN, US

[72] KERWIN, JOHN M., US

[72] MURPHY, COLIN H., US

[72] GRAY, LARRY B., US

[72] PARKER, JONATHAN, US

[72] BAIER, MICHAEL J., US

[72] LANGENFELD, CHRISTOPHER C., US

[72] BIASI, JOHN J., US

[72] VAN DER MERWE, DIRK A., US

[72] BLUMBERG, DAVID, US

[72] PLACE, MICHAEL S., US

[72] SLATE, MICHAEL J., US

[72] PAWLOWSKI, DANIEL F., US

[72] SABIN, ERIK, N., US

[72] NORRIS, MICHAEL G., US

[72] THERRIEN, ALEXANDER R., US

[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US

[85] 2014-11-20

[86] 2013-03-15 (PCT/US2013/032445)

[87] (WO2013/176770)

[30] US (61/651,322) 2012-05-24

[30] US (61/679,117) 2012-08-03

[30] US (13/723,238) 2012-12-21

[30] US (13/723,242) 2012-12-21

[30] US (PCT/US2012/071142) 2012-12-21

[30] US (13/723,235) 2012-12-21

[30] US (PCT/US2012/071131) 2012-12-21

[30] US (13/723,253) 2012-12-21

[30] US (PCT/US2012/071490) 2012-12-21

[30] US (13/723,251) 2012-12-21

[30] US (13/725,790) 2012-12-21

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[30] US (13/724,568) 2012-12-21

[30] US (PCT/US2012/071112) 2012-12-21

[21] **2,874,278**
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01)**

[25] EN

[54] **METHOD FOR VIDEO COMMUNICATIONS AND TERMINAL, SERVER AND SYSTEM FOR VIDEO COMMUNICATIONS**

[54] **PROCEDE POUR LES COMMUNICATIONS VIDEO ET TERMINAL, SERVEUR ET SYSTEME POUR LES COMMUNICATIONS VIDEO**

[72] LI, ZHONGNAN, CN

[72] NIAN, HAO, CN

[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN

[85] 2014-11-20

[86] 2013-06-05 (PCT/CN2013/076802)

[87] (WO2013/182056)

[30] CN (201210183638.4) 2012-06-06

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[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01) A61K 31/439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/5377 (2006.01) A61P 31/04 (2006.01) A61P 43/00 (2006.01) C07D 211/60 (2006.01)**

[25] EN

[54] **NOVEL .BETA.-LACTAMASE INHIBITOR AND PROCESS FOR PREPARING THE SAME**

[54] **NOUVEL INHIBITEUR DE S-LACTAMASE ET PROCEDE DE PRODUCTION DE CELUI-CI**

[72] ABE, TAKAO, JP

[72] FURUUCHI, TAKESHI, JP

[72] SAKAMAKI, YOSHIAKI, JP

[72] INAMURA, SEIICHI, JP

[72] MORINAKA, AKIHIRO, JP

[71] MEIJI SEIKA PHARMA CO., LTD., JP

[85] 2014-11-20

[86] 2013-05-30 (PCT/JP2013/064971)

[87] (WO2013/180197)

[30] JP (2012-122603) 2012-05-30

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[21] **2,874,282**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **ADJUSTING LAYOUT SIZE OF HYPERLINK**
[54] **AJUSTEMENT DE TAILLE DE MISE EN PAGE D'HYPERLIEN**
[72] HU, PENGFEI, CN
[72] NI, YONG, CN
[72] XU, YONGFENG, CN
[72] PAN, YONGJIE, CN
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-06-14 (PCT/CN2013/077243)
[87] (WO2014/000577)
[30] CN (201210226331.8) 2012-06-29

[21] **2,874,284**
[13] A1

[51] **Int.Cl. A61F 5/445 (2006.01) A61F 5/44 (2006.01)**
[25] EN
[54] **COMFORT LAYER FOR A COLLECTING BAG**
[54] **COUCHE DE CONFORT POUR UNE POCHE DE COLLECTE**
[72] FREIDING, MARKUS, DK
[71] COLOPLAST A/S, DK
[85] 2014-11-20
[86] 2013-05-17 (PCT/DK2013/050150)
[87] (WO2013/174382)
[30] DK (PA 2012 70279) 2012-05-25

[21] **2,874,285**
[13] A1

[51] **Int.Cl. C08B 15/06 (2006.01) C08B 31/00 (2006.01) C08G 18/64 (2006.01) C08G 18/76 (2006.01) D06M 13/395 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING DERIVATIZED POLYSACCHARIDES**
[54] **PROCEDE DE PREPARATION DE POLYSACCHARIDES DERIVATISES**
[72] PHANOPOULOS, CHRISTOPHER, BE
[72] HOLVOET, SERVAAS, BE
[72] VARDARELI, TUGBA, BE
[72] DIAMANTI, STEVE, US
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2014-11-20
[86] 2013-06-05 (PCT/EP2013/061543)
[87] (WO2014/005779)
[30] EP (12175126.7) 2012-07-05

[21] **2,874,288**
[13] A1

[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 8/63 (2006.01) A61K 31/506 (2006.01) A61K 31/5575 (2006.01) A61K 31/568 (2006.01) A61K 47/10 (2006.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR HAIR GROWTH**
[54] **COMPOSITION POUR LA CROISSANCE CAPILLAIRE**
[72] SHIMAZAKI, ATSUSHI, JP
[72] YASUDA, ARATA, JP
[72] MATSUMURA, YASUSHI, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2014-11-20
[86] 2013-05-30 (PCT/JP2013/065075)
[87] (WO2013/180229)
[30] JP (2012-123316) 2012-05-30

[21] **2,874,290**
[13] A1

[51] **Int.Cl. A61L 26/00 (2006.01)**
[25] EN
[54] **DRY HAEMOSTATIC COMPOSITION**
[54] **COMPOSITION HEMOSTATIQUE SECHE**
[72] LARSEN, KRISTIAN, DK
[71] FERROSAN MEDICAL DEVICES A/S, DK
[85] 2014-11-20
[86] 2013-06-12 (PCT/DK2013/050191)
[87] (WO2013/185776)
[30] DK (PA 2012 70319) 2012-06-12
[30] US (61/658,586) 2012-06-12

[21] **2,874,291**
[13] A1

[51] **Int.Cl. B07C 5/38 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING INSTRUCTIONS LISTING UNIT LOADS**
[54] **PROCEDE DE PREPARATION DE COMMANDES LISTANT DES CHARGES UNITAIRES**
[72] COLLIN, JEAN-MICHEL, FR
[71] SAVOYE, FR
[85] 2014-11-20
[86] 2013-06-05 (PCT/EP2013/061627)
[87] (WO2013/182620)
[30] FR (1255259) 2012-06-06

[21] **2,874,293**
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A61B 5/00 (2006.01) A61K 9/00 (2006.01) A61K 47/00 (2006.01) A61K 49/04 (2006.01)**
[25] EN
[54] **METHOD TO ENHANCE SWALLOWING SAFETY AND APPEAL OF BEVERAGES FOR TREATING DYSPHAGIA BASED ON RHEOLOGICAL AND SENSORY PARAMETERS**
[54] **METHODE D'AMELIORATION DE LA SECURITE DE DEGLUTITION ET DE L'ATTRAIT POUR DES BOISSONS DE TRAITEMENT DE DYSPHAGIE SUR LA BASE DE PARAMETRES RHEOLOGIQUES ET SENSORIELS**
[72] MENDENHALL, HEATHER N., US
[72] HARTEL, RICHARD W., US
[72] ROBBINS, JOANNE, US
[72] HIND, JACQUELINE A., US
[72] VICKERS, ZATA M., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2014-11-20
[86] 2013-04-17 (PCT/US2013/036955)
[87] (WO2014/003874)
[30] US (61/665,995) 2012-06-29
[30] US (13/804,781) 2013-03-14

[21] **2,874,295**
[13] A1

[51] **Int.Cl. C07D 211/14 (2006.01) A61K 31/166 (2006.01) A61K 31/396 (2006.01) A61K 31/445 (2006.01) C07C 235/46 (2006.01) C07C 235/60 (2006.01) C07D 229/02 (2006.01) C07D 295/088 (2006.01)**
[25] EN
[54] **AMIDOPHENOXYPROPANOLAMINES**
[54] **AMIDOPHENOXYPROPANOLAMINES**
[72] GSTACH, HUBERT, AT
[72] CHIBA, PETER, AT
[72] MASTALIR, MATTHIAS, AT
[71] MEDIZINISCHE UNIVERSITAT WIEN, AT
[85] 2014-11-20
[86] 2013-06-10 (PCT/EP2013/061880)
[87] (WO2013/186153)
[30] EP (12171729.2) 2012-06-13

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[21] **2,874,297**
[13] A1

[51] **Int.Cl. B66C 1/18 (2006.01)**
[25] EN
[54] **ENDLESS SHAPED ARTICLE**
[54] **OBJET A FORME SANS FIN**
[72] BOSMAN, RIGOBERT, NL
[72] WIENKE, DIETRICH, NL
[72] KERSJES, JOHANNA GERTRUDA, NL
[72] HOMMINGA, JOZEF SIEGFRIED JOHANNES, NL
[72] MARISSSEN, ROELOF, NL
[72] DIRKS, CHRISTIAAN HENRI PETER, NL
[71] DSM IP ASSETS B.V., NL
[85] 2014-11-20
[86] 2013-06-11 (PCT/EP2013/062015)
[87] (WO2013/186206)
[30] EP (12171543.7) 2012-06-11

[21] **2,874,298**
[13] A1

[51] **Int.Cl. C01B 21/26 (2006.01) B01D 53/56 (2006.01) B01D 53/86 (2006.01) C01B 21/40 (2006.01)**
[25] EN
[54] **PROCESS FOR REDUCING THE NITROGEN OXIDE OFFGAS CONCENTRATION IN A NITRIC ACID PLANT DURING SHUTDOWN AND/OR STARTUP, AND NITRIC ACID PLANT SUITABLE THEREFOR**
[54] **PROCEDE POUR REDUIRE LA CONCENTRATION D'OXYDE D'AZOTE DANS LES EFFLUENTS GAZEUX D'UNE INSTALLATION DE PRODUCTION D'ACIDE NITRIQUE LORS DE LA MISE EN MARCHE ET/OU DE L'ARRET ET INSTALLATION DE PRODUCTION D'ACIDE NITRIQUE SE PRETANT AUDIT PROCEDE**
[72] PERBANDT, CHRISTIAN, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2014-11-20
[86] 2013-05-02 (PCT/EP2013/001307)
[87] (WO2013/174475)
[30] DE (102012010017.5) 2012-05-22

[21] **2,874,300**
[13] A1

[51] **Int.Cl. B60B 19/00 (2006.01)**
[25] FR
[54] **OMNIDIRECTIONAL WHEEL**
[54] **ROUE OMNIDIRECTIONNELLE**
[72] OHRUH, MICHEL, FR
[71] NEW LIVE, FR
[85] 2014-11-20
[86] 2013-06-12 (PCT/FR2013/051371)
[87] (WO2013/186489)
[30] FR (1255494) 2012-06-12

[21] **2,874,303**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4427 (2006.01) A61P 29/00 (2006.01) C07D 235/12 (2006.01)**
[25] EN
[54] **TNF -ALPHA MODULATING BENZ IMIDAZOLES**
[54] **BENZIMIDAZOLES MODULANT LE TNF-ALPHA**
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] CALMIANO, MARK DANIEL, GB
[72] GALLIMORE, ELLEN OLIVIA, GB
[72] HORSLEY, HELEN TRACEY, GB
[72] HUTCHINGS, MARTIN CLIVE, GB
[72] JOHNSON, JAMES ANDREW, GB
[72] KROEPLIEN, BORIS, GB
[72] LECOMTE, FABIEN CLAUDE, GB
[72] LOWE, MARTIN ALEXANDER, GB
[72] NORMAN, TIMOTHY, JOHN, GB
[72] PORTER, JOHN ROBERT, GB
[72] QUINCEY, JOANNA RACHEL, GB
[72] REUBERSON, JAMES THOMAS, GB
[72] SELBY, MATTHEW DUNCAN, GB
[72] SHAW, MICHAEL ALAN, GB
[72] ZHU, ZHAONING, GB
[72] FOLEY, ANNE MARIE, GB
[71] UCB BIOPHARMA SPRL, BE
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[30] GB (1221983.8) 2012-12-06

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[13] A1

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[25] EN
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[54] **ALLIAGE A BASE DE NI**
[72] HAMAGUCHI, TOMOAKI, JP
[72] SEMBA, HIROYUKI, JP
[72] OKADA, HIROKAZU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[86] 2013-06-05 (PCT/JP2013/065588)
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[30] JP (2012-129649) 2012-06-07

[21] **2,874,307**
[13] A1

[51] **Int.Cl. B22D 39/02 (2006.01) B22D 17/20 (2006.01)**
[25] EN
[54] **DELIVERY DEVICE FOR A METAL MELT IN AN INJECTION PRESS**
[54] **DISPOSITIF DE TRANSPORT POUR UN BAIN DE METAL FONDU DANS UNE UNITE D'INJECTION SOUS PRESSION**
[72] WUNDERLE, JOHANNES KONRAD, DE
[72] NEUSS, ANDREAS, DE
[72] KRALLMANN, RAINER, DE
[72] KRALLMANN, KERSTIN, DE
[72] BREXELER, INGO, DE
[71] GEBR KRALLMANN GMBH, DE
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[30] DE (10 2012 010 923.7) 2012-06-04

[21] **2,874,308**
[13] A1

[51] **Int.Cl. F16K 31/06 (2006.01) F16K 31/12 (2006.01) F16K 37/00 (2006.01) F16K 51/00 (2006.01)**
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[54] **FLUID CONTROL VALVE ASSEMBLY**
[54] **ENSEMBLE VANNE DE REGULATION DE FLUIDE**
[72] LEE, KWANG HO, KR
[71] YOUNGDO IND. CO., LTD., KR
[85] 2014-11-20
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[87] (WO2013/183871)
[30] KR (10-2012-0059897) 2012-06-04
[30] KR (10-2012-0059899) 2012-06-04

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[51] **Int.Cl. C07K 16/28 (2006.01)**
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[54] **ANTI-MACROPHAGE MANNOSE RECEPTOR SINGLE VARIABLE DOMAINS FOR TARGETING AND IN VIVO IMAGING OF TUMOR-ASSOCIATED MACROPHAGES**

[54] **DOMAINES VARIABLES INDIVIDUELS CONTRE LE RECEPTEUR MANNOSE DES MACROPHAGES POUR LE CIBLAGE ET L'IMAGERIE IN VIVO DE MACROPHAGES ASSOCIES A DES TUMEURS**

[72] VAN GINDERACHTER, JO, BE
[72] DE BAETSELIER, PATRICK, BE
[72] DEVOOGDT, NICK, BE
[72] LAHOUTTE, TONY, BE
[72] LAOUI, DAMYA, BE
[72] MOVAHEDI, KIAVASH, DE
[72] RAES, GEERT, BE
[72] SCHOONOOGHE, STEVE, BE
[71] VIB VZW, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
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[30] US (13/480,350) 2012-05-24

[21] **2,874,311**
[13] A1

[51] **Int.Cl. C10G 33/04 (2006.01)**
[25] EN
[54] **USE OF A REACTION PRODUCT OF CARBOXYLIC ACIDS WITH ALIPHATIC POLYAMINES FOR IMPROVING OR BOOSTING THE SEPARATION OF WATER FROM FUEL OILS**

[54] **UTILISATION D'UN PRODUIT REACTIONNEL D'ACIDES CARBOXYLIQUES AVEC DES POLYAMINES ALIPHATIQUES POUR L'AMELIORATION OU L'AUGMENTATION DE LA SEPARATION D'EAU ET DE MAZOUTS**

[72] PERETOLCHIN, MAXIM, DE
[72] OETTER, GUNTER, DE
[72] BOHNKE, HARALD, DE
[72] HANSCH, MARKUS, DE
[72] VOLKEL, LUDWIG, DE
[71] BASF SE, DE
[85] 2014-11-20
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[13] A1

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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING VELOCITY OF A VEHICLE**

[54] **SYSTEME ET PROCEDE DE COMMANDE DE LA VITESSE D'UN VEHICULE**

[72] COOPER, JARED KLINEMAN, US
[72] ELDREDGE, DAVID, US
[72] PELTZ, DAVID, US
[72] BRAND, JOHN, US
[72] WAWRZYNIAK, FRANK, US
[72] BREMMER, ROBERT, CA
[72] BARRETT, MICHAEL, US
[72] DAUM, WOLFGANG, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1

[51] **Int.Cl. B29C 70/08 (2006.01) B29C 70/52 (2006.01) B29C 70/86 (2006.01)**
[25] EN
[54] **PUL-CORE METHOD WITH A PMI FOAM CORE**

[54] **PROCEDE "PUL-CORE" AVEC NOYAU DE MOUSSE PMI**

[72] KRAATZ, ARNIM, DE
[72] SEMLITSCH, KARL-HEINZ, AT
[71] EVONIK INDUSTRIES AG, DE
[71] SECAR TECHNOLOGIE GMBH, AT
[85] 2014-11-20
[86] 2013-05-13 (PCT/EP2013/059756)
[87] (WO2013/174665)
[30] DE (10 2012 208 428.2) 2012-05-21

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[13] A1

[51] **Int.Cl. A23L 1/317 (2006.01) A23K 1/10 (2006.01) A23K 1/18 (2006.01) A23L 1/00 (2006.01)**
[25] EN
[54] **CANNED FOOD PRODUCTS HAVING A FILLING**

[54] **PRODUITS ALIMENTAIRES APPERTISES AYANT UNE GARNITURE**

[72] PIBAROT, PATRICK, FR
[72] KOMAREK, DAVID, FR
[71] NESTEC S.A., CH
[85] 2014-11-20
[86] 2013-05-17 (PCT/EP2013/060253)
[87] (WO2013/174748)
[30] US (61/649,605) 2012-05-21

[21] **2,874,316**
[13] A1

[51] **Int.Cl. A61K 38/45 (2006.01) A61K 31/7088 (2006.01) A61K 38/44 (2006.01) A61P 7/08 (2006.01) A61P 13/12 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **HYDRODYNAMIC METHODS FOR DELIVERING FLUIDS TO KIDNEY TISSUES AND RELATED MATERIALS AND METHODS**

[54] **PROCEDES HYDRODYNAMIQUES POUR ADMINISTRER DES FLUIDES AUX TISSUS RENAUX ET MATERIAUX ET PROCEDES ASSOCIES**

[72] BACALLAO, ROBERT, US
[72] ATKINSON, SIMON, US
[72] RHODES, GEORGE, US
[72] CORRIDON, PETER, US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 8/22 (2009.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01) H04W 76/06 (2009.01) H04W 84/18 (2009.01)**

[25] EN

[54] **COMMUNICATION SESSION TRANSFER BETWEEN DEVICES**

[54] **TRANSFERT DE SESSION DE COMMUNICATION ENTRE DES DISPOSITIFS**

[72] MCDONOUGH, JOHN C., US

[72] STERN, HADLEY RUPERT, US

[71] FMR LLC, US

[85] 2014-11-20

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[87] (WO2013/176847)

[30] US (13/480,191) 2012-05-24

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[13] A1

[51] **Int.Cl. A23G 3/48 (2006.01) A23G 3/50 (2006.01) A23G 3/54 (2006.01)**

[25] EN

[54] **LAVER-SNACK MADE OF LAVER AND CEREAL SHEETS AND PROCESS OF PRODUCING THE SAME**

[54] **EN-CAS A BASE D'ALGUES CONSTITUE D'ALGUES ET DE COUCHES DE CEREALES ET SON PROCEDE DE PRODUCTION**

[72] CHUNG, SUYEON, KR

[72] PARK, JOODONG, KR

[72] LEE, CHANGYONG, KR

[72] AN, JEONGSEOK, KR

[72] KWON, SOONHEE, KR

[72] SHINE, SUNGWO, KR

[72] YOON, SOYOUNG, KR

[72] KIM, SUNGHEE, KR

[71] CJ CHEIL JEDANG CORPORATION, KR

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[30] KR (10-2013-0109209) 2013-09-11

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[13] A1

[51] **Int.Cl. G01N 23/223 (2006.01) G01N 21/65 (2006.01)**

[25] EN

[54] **SAMPLE ANALYSIS USING COMBINED X-RAY FLUORESCENCE AND RAMAN SPECTROSCOPY**

[54] **ANALYSE D'ECHANTILLON PAR DOSAGE PAR FLUORESCENCE X ET SPECTROSCOPIE RAMAN COMBINES**

[72] HAMILTON, MARK A., US

[72] PIOREK, STANISLAW, US

[72] CROCOMBE, RICHARD A., US

[71] THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC., US

[85] 2014-11-20

[86] 2013-05-09 (PCT/US2013/040266)

[87] (WO2013/180922)

[30] US (13/485,194) 2012-05-31

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[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06F 15/16 (2006.01)**

[25] EN

[54] **SOCIAL SHARING OF SECURITY INFORMATION IN A GROUP**

[54] **PARTAGE SOCIAL D'INFORMATIONS DE SECURITE DANS UN GROUPE**

[72] ALPERVOTICH, DMITRI, US

[72] KURTZ, GEORGE ROBERT, US

[72] DIEHL, DAVID F., US

[72] KRASSER, SVEN, US

[72] MEYERS, ADAM S., US

[71] CROWDSTRIKE, INC., US

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[87] (WO2014/003900)

[30] US (13/538,439) 2012-06-29

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[13] A1

[51] **Int.Cl. C09K 8/36 (2006.01)**

[25] EN

[54] **WELLBORE SERVICING FLUIDS AND METHODS OF MAKING AND USING SAME**

[54] **FLUIDES D'ENTRETIEN POUR Puits DE FORAGE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] KULKARNI, DHANASHREE GAJANAN, IN

[72] MAGHRABI, SHADAAB SYED, IN

[72] TEKE, KUSHABHAU DAGADU, IN

[71] HALLIBURTON ENERGY SERVICES, INC., US

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[30] US (13/476,782) 2012-05-21

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[13] A1

[51] **Int.Cl. C08J 3/00 (2006.01) C08J 3/20 (2006.01) C08J 3/22 (2006.01) C08K 3/34 (2006.01) C08L 101/00 (2006.01)**

[25] EN

[54] **METHOD TO HEURISTICALLY CONTROL FORMATION AND PROPERTIES OF A COMPOSITION**

[54] **PROCEDE DE REGULATION HEURISTIQUE DE LA FORMATION ET DES PROPRIETES D'UNE COMPOSITION**

[72] PRINCE, JACK RAYMOND, US

[71] REVOLUTIONARY PLASTICS, LLC, US

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[87] (WO2012/166651)

[30] US (61/491,091) 2011-05-27

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[13] A1

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[25] EN
[54] **FLY ASH AND FLY ASH
LEACHATE TREATMENT**
[54] **TRAITEMENT DE CENDRE
VOLANTE ET DE LIXIVIAT DE
CENDRE VOLANTE**
[72] HALVERSON, AILEEN, US
[72] REICHL, AARON, US
[71] FMC WYOMING CORPORATION,
US
[85] 2014-11-20
[86] 2013-05-10 (PCT/US2013/040495)
[87] (WO2013/176907)
[30] US (61/650,228) 2012-05-22

[21] **2,874,326**
[13] A1

[51] **Int.Cl. E21B 23/14 (2006.01) E21B
23/08 (2006.01) E21B 44/02 (2006.01)**
[25] EN
[54] **APPARATUS CONFIGURATION
DOWNHOLE**
[54] **FOND DE TROU DE
CONFIGURATION D'APPAREIL**
[72] HUH, MICHAEL, US
[72] GANGULY, PARTHA, US
[72] DANOS, JAKE A., US
[72] SCHULTE, JESSICA, US
[71] SCHLUMBERGER CANADA
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[85] 2014-11-20
[86] 2013-05-14 (PCT/US2013/040833)
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[30] US (61/654,972) 2012-06-04
[30] US (13/677,629) 2012-11-15

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[13] A1

[51] **Int.Cl. E04B 2/74 (2006.01)**
[25] EN
[54] **CONVENTIONAL FIRE-RATED
ONE-SIDED CONSTRUCTION**
[54] **CONSTRUCTION A UN COTE
RESISTANT AU FEU CLASSIQUE**
[72] MILLER, GARY F., US
[71] UNITED STATES GYPSUM
COMPANY, US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042339)
[87] (WO2013/184369)
[30] US (13/487,314) 2012-06-04

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[13] A1

[51] **Int.Cl. B32B 3/12 (2006.01) B32B
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[54] **HONEYCOMB CORE STRUCTURE**
[54] **STRUCTURE D'AME EN NID
D'ABEILLES**
[72] CONLEY, JILL A., US
[71] E. I. DU PONT DE NEMOURS AND
COMPANY, US
[85] 2014-11-20
[86] 2013-05-17 (PCT/US2013/041493)
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[30] US (61/653,526) 2012-05-31

[21] **2,874,329**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR
COMMUNICATION BETWEEN A
MONITORING CLIENT AND A
BASE**
[54] **PROCEDE ET SYSTEME DE
COMMUNICATION ENTRE UN
CLIENT DE SURVEILLANCE ET
UNE BASE**
[72] BALLANTYNE, TODD A., US
[72] YEE, BRIAN K., US
[72] WILT, MICHAEL J., US
[72] ROSSE, JONATHAN P., US
[71] DEKA PRODUCTS LIMITED
PARTNERSHIP, US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042350)
[87] (WO2013/177357)
[30] US (61/651,322) 2012-05-24
[30] US (13/480,444) 2012-05-24
[30] US (PCT/US2012/000257) 2012-05-24

[21] **2,874,330**
[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR
HANDLING OF AN UPLINK
TRANSMISSION COLLISION
WITH AN ACK/NACK SIGNAL**
[54] **SYSTEME ET PROCEDE DE
GESTION D'UNE COLLISION DE
TRANSMISSION MONTANTE AU
MOYEN D'UN SIGNAL
ACK/NACK**
[72] EARNSHAW, ANDREW MARK, CA
[72] CAI, ZHIJUN, US
[71] BLACKBERRY LIMITED, CA
[85] 2014-11-20
[86] 2012-09-10 (PCT/US2012/054441)
[87] (WO2013/176695)
[30] US (61/649,764) 2012-05-21

[21] **2,874,331**
[13] A1

[51] **Int.Cl. G01F 22/00 (2006.01) G06Q
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A61M 5/31 (2006.01)**
[25] EN
[54] **DOSE MEASUREMENT SYSTEM
AND METHOD**
[54] **SYSTEME ET PROCEDE DE
MESURE DE DOSE**
[72] WHALLEY, RICHARD, US
[72] WHITE, JAMES, US
[71] COMMON SENSING INC., US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/041982)
[87] (WO2013/177135)
[30] US (61/649,919) 2012-05-21
[30] US (61/754,262) 2013-01-18
[30] US (13/796,889) 2013-03-12

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[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) B29C 70/72 (2006.01) C08J 7/04 (2006.01)**
[25] EN
[54] **SECONDARY STRUCTURES FOR AIRCRAFT ENGINES AND PROCESSES THEREFOR**
[54] **STRUCTURES SECONDAIRES DESTINEES A DES MOTEURS D'AVION ET PROCEDES ASSOCIES**
[72] DIETSCH, BENJAMIN ALLEN, US
[72] KOSTKA, JAMES MICHAEL, US
[72] DALE, DAVID EDWARD, US
[72] WOLFE, JARED MATTHEW, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-11-20
[86] 2013-04-22 (PCT/US2013/037544)
[87] (WO2013/180848)
[30] US (13/483,196) 2012-05-30

[21] **2,874,333**
[13] A1

[51] **Int.Cl. B29C 65/06 (2006.01)**
[25] EN
[54] **FRICTIONAL WELD JOINT FOR AN ARTICLE COMPRISING A THERMOPLASTIC MATERIAL**
[54] **JOINT SOUDE DE FROTTEMENT POUR UN ARTICLE COMPRENANT UN MATERIAU THERMOPLASTIQUE**
[72] BHOSALE, ANKUR, US
[72] KONDAPALLI, PRASANNA, US
[72] MCMASTER, WILLIAM J., US
[71] BASF SE, DE
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042430)
[87] (WO2013/177399)
[30] US (61/650,563) 2012-05-23

[21] **2,874,334**
[13] A1

[51] **Int.Cl. B62D 21/00 (2006.01)**
[25] EN
[54] **CRADLE ASSEMBLY FOR A VEHICLE**
[54] **ENSEMBLE BERCEAU POUR UN VEHICULE**
[72] GABBIANELLI, FRANK, US
[72] BYRNE, JAMES, II, US
[72] SCHOENHERR, JULIE ANNE, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/041961)
[87] (WO2013/177120)
[30] US (61/649,582) 2012-05-21

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[13] A1

[51] **Int.Cl. A23L 1/317 (2006.01) A23K 1/10 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **CANNED FOOD PRODUCTS HAVING ONE OR MORE FILLINGS**
[54] **PRODUITS ALIMENTAIRES EN CONSERVE AYANT UNE OU PLUSIEURS GARNITURES**
[72] WATELAIN, ANNIE, FR
[72] KOMAREK, DAVID, FR
[72] SISIYAK, LAURENT, FR
[72] FRISCOURT, JULIE, FR
[72] RAYNER, JEAN LUZ, US
[72] DECKARD, MAQUEL, US
[72] RAYNER, MICHAEL G., US
[71] NESTEC S.A., CH
[85] 2014-11-20
[86] 2013-05-17 (PCT/US2013/041521)
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[30] US (61/649,578) 2012-05-21

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[13] A1

[51] **Int.Cl. A21D 13/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE ENRICHMENT OF GLUTEN AND STARCH FRACTIONS IN WHEAT FLOUR**
[54] **PROCEDE D'ENRICHISSEMENT DE FRACTIONS DE GLUTEN ET D'AMIDON D'UNE FARINE DE BLE**
[72] KOOT, NORBERTUS PHILIPPUS, NL
[72] VAN DER ZALM, ELIZABETH EGBERDINA JOHANNA, NL
[72] VAN DEN ABEELE, THEO, NL
[71] CARGILL, INCORPORATED, US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042437)
[87] (WO2013/177405)
[30] EP (12169020.0) 2012-05-23

[21] **2,874,337**
[13] A1

[51] **Int.Cl. B64D 13/00 (2006.01)**
[25] EN
[54] **HYBRID ON-BOARD GENERATION OF OXYGEN FOR AIRCRAFT PASSENGERS**
[54] **GENERATION D'OXYGENE A BORD HYBRIDE POUR PASSAGERS D'AERONEF**
[72] KSHIRSAGAR, GIRISH S., US
[72] DEGENHARDT, DETLEV, DE
[71] B/E AEROSPACE INC., US
[85] 2014-11-20
[86] 2013-05-17 (PCT/US2013/041710)
[87] (WO2013/180994)
[30] US (13/483,345) 2012-05-30

[21] **2,874,338**
[13] A1

[51] **Int.Cl. G07C 5/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING VEHICLE REPAIR INFORMATION**
[54] **PROCEDES ET SYSTEMES DE FOURNITURE D'INFORMATIONS DE REPARATION DE VEHICULE**
[72] MERG, PATRICK S., US
[72] BROZOVICH, R. STEVEN, US
[71] SNAP-ON INCORPORATED, US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042017)
[87] (WO2013/177160)
[30] US (13/478,305) 2012-05-23

[21] **2,874,339**
[13] A1

[51] **Int.Cl. A47K 10/42 (2006.01) A47K 10/32 (2006.01) A47K 10/38 (2006.01) B65D 83/08 (2006.01)**
[25] EN
[54] **WIPES DISPENSER NOZZLE**
[54] **EMBOUCHURE POUR DISTRIBUTEURS DE LINGETTES**
[72] RAY, EUGENE W., US
[71] GOJO INDUSTRIES, INC., US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/041927)
[87] (WO2013/177100)
[30] US (61/649,536) 2012-05-21
[30] US (13/832,750) 2013-03-15

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[21] **2,874,340**
[13] A1

[51] **Int.Cl. C08F 20/06 (2006.01)**
[25] EN
[54] **HYDROPHILIC, LOW ACID CONTENT POLYMERS AS STABILIZERS FOR WATER-BASED EMULSIONS**
[54] **POLYMERES A FAIBLE TENEUR EN ACIDE, HYDROPHILES, COMME STABILISANTS POUR DES EMULSIONS A BASE AQUEUSE**
[72] DEBLING, JON A., US
[72] JHAVERI, SARAV BHARAT, US
[71] BASF SE, DE
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042482)
[87] (WO2013/177435)
[30] US (61/651,427) 2012-05-24

[21] **2,874,341**
[13] A1

[51] **Int.Cl. B64C 27/10 (2006.01)**
[25] EN
[54] **ROTARY WING VEHICLE**
[54] **VEHICULE A AILES TOURNANTES**
[72] ARLTON, PAUL E., US
[72] ARLTON, DAVID J., US
[71] ARLTON, PAUL E., US
[71] ARLTON, DAVID J., US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042026)
[87] (WO2014/025444)
[30] US (61/649,741) 2012-05-21
[30] US (61/799,878) 2013-03-15

[21] **2,874,342**
[13] A1

[51] **Int.Cl. F24F 13/14 (2006.01) F16K 1/22 (2006.01) F16K 35/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE REGULATOR AND LOCK DEVICE FOR DUCTWORK DAMPER**
[54] **REGULATEUR REGLABLE ET DISPOSITIF DE VERROUILLAGE POUR REGISTRE DE TUYAUTERIE**
[72] YOSKOWITZ, DAVID, US
[71] CAPITAL HARDWARE SUPPLY, INC., US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042027)
[87] (WO2013/177166)
[30] US (61/649,812) 2012-05-21

[21] **2,874,343**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **SINGLE-PARTICLE ANALYSIS OF PARTICLE POPULATIONS**
[54] **ANALYSE DE PARTICULES UNIQUES DE POPULATIONS DE PARTICULES**
[72] ANDERSON, MEGAN, US
[72] CHEN, PEILIN, US
[72] FOWLER, BRIAN, US
[72] KAPER, FIONA, US
[72] LEBOFISKY, RONALD, CA
[72] MAY, ANDREW, US
[71] FLUIDIGM CORPORATION, US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042086)
[87] (WO2013/177206)
[30] US (61/649,845) 2012-05-21

[21] **2,874,346**
[13] A1

[51] **Int.Cl. A47C 1/032 (2006.01)**
[25] EN
[54] **CHAIR WITH PIVOT FUNCTION AND METHOD OF MAKING**
[54] **CHAISE DOTEE D'UNE FONCTION DE PIVOTEMENT ET PROCEDE DE FABRICATION DE LADITE CHAISE**
[72] MACHAEL, JAY R., US
[72] ASCHBRENNER, EVAN T., US
[72] TRACY, DANIEL W., JR., US
[72] HECTOR, ANDREW B., US
[71] HNI TECHNOLOGIES INC., US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042044)
[87] (WO2013/177175)
[30] US (13/479,054) 2012-05-23

[21] **2,874,349**
[13] A1

[51] **Int.Cl. F41C 33/06 (2006.01)**
[25] EN
[54] **STORAGE CLIPBOARD WITH QUICK-ACCESS WEAPON HOLDER**
[54] **BLOC-NOTES DE STOCKAGE COMPRENANT UN SUPPORT D'ARME A ACCES RAPIDE**
[72] KIRBY, DANIEL KEITH, JR., US
[71] KIRBY, DANIEL KEITH, JR., US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042049)
[87] (WO2013/177180)
[30] US (61/650,266) 2012-05-22

[21] **2,874,360**
[13] A1

[51] **Int.Cl. A01K 61/00 (2006.01) B63B 35/613 (2006.01)**
[25] EN
[54] **FLOATING STRUCTURE AND METHOD FOR OBTAINING SAME**
[54] **STRUCTURE FLOTTANTE ET PROCEDE D'OBTENTION DE CELLE-CI**
[72] QUINTA CORTINAS, ANDRES, ES
[71] ESPANOLA DE PLATAFORMAS MARINAS, S.L., ES
[85] 2014-11-21
[86] 2013-05-24 (PCT/ES2013/070335)
[87] (WO2013/175046)
[30] ES (P201230794) 2012-05-25

[21] **2,874,361**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] FR
[54] **PROCESS FOR SELECTIVE REMOVAL OF HYDROGEN SULPHIDE FROM GAS MIXTURES AND USE OF A THIOALKANOL FOR THE SELECTIVE REMOVAL OF HYDROGEN SULPHIDE**
[54] **PROCEDE D'ELIMINATION SELECTIVE DU SULFURE D'HYDROGENE**
[54] **PROCEDE D'ELIMINATION SELECTIVE DU SULFURE D'HYDROGENE D'HYDROGENE DE MELANGES GAZEUX ET UTILISATION D'UN THIOALCANOL POUR L'ELIMINATION SELECTIVE DU SULFURE D'HYDROGENE**
[72] WEISS, CLAIRE, FR
[72] CADOURS, RENAUD, FR
[72] ZHAO, JING, FR
[72] SHAH, VIRENKUMAR, GB
[72] CAPDEVILLE, SERGE, FR
[71] TOTAL S.A., FR
[85] 2014-11-21
[86] 2013-05-23 (PCT/EP2013/060578)
[87] (WO2013/174902)
[30] FR (1254842) 2012-05-25

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[21] **2,874,362**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] FR
[54] **PROCESS FOR PURIFYING GAS MIXTURES CONTAINING ACID GASES**
[54] **PROCEDE DE PURIFICATION DE MELANGES GAZEUX CONTENANT DES GAZ ACIDES**
[72] WEISS, CLAIRE, FR
[72] CADOURS, RENAUD, FR
[72] ZHAO, JING, FR
[72] SHAH, VIRENKUMAR, GB
[71] TOTAL S.A., FR
[85] 2014-11-21
[86] 2013-05-23 (PCT/EP2013/060586)
[87] (WO2013/174907)
[30] FR (1254844) 2012-05-25

[21] **2,874,363**
[13] A1

[51] **Int.Cl. H01H 1/22 (2006.01) H01H 11/00 (2006.01) H01H 21/00 (2006.01)**
[25] EN
[54] **ELECTRIC CURRENT SWITCHING APPARATUS**
[54] **APPAREIL DE COMMUTATION DE COURANT ELECTRIQUE**
[72] MATTLAR, HARRI, FI
[72] VALIVAINIO, MIKKO, FI
[71] ABB OY, FI
[85] 2014-11-21
[86] 2013-05-21 (PCT/FI2013/050545)
[87] (WO2013/186428)
[30] EP (12171419.0) 2012-06-11

[21] **2,874,364**
[13] A1

[51] **Int.Cl. H01H 11/00 (2006.01) H01H 21/00 (2006.01) H01H 1/22 (2006.01)**
[25] EN
[54] **ELECTRIC CURRENT SWITCHING APPARATUS**
[54] **APPAREIL DE COMMUTATION DE COURANT ELECTRIQUE**
[72] MATTLAR, HARRI, FI
[72] VALIVAINIO, MIKKO, FI
[71] ABB OY, FI
[85] 2014-11-21
[86] 2013-05-24 (PCT/FI2013/050571)
[87] (WO2013/186432)
[30] EP (12171420.8) 2012-06-11

[21] **2,874,365**
[13] A1

[51] **Int.Cl. H01H 21/00 (2006.01) H01H 1/22 (2006.01) H01H 11/00 (2006.01)**
[25] EN
[54] **ELECTRIC CURRENT SWITCHING APPARATUS**
[54] **APPAREIL DE COMMUTATION DE COURANT ELECTRIQUE**
[72] MATTLAR, HARRI, FI
[72] VALIVAINIO, MIKKO, FI
[71] ABB OY, FI
[85] 2014-11-21
[86] 2013-05-24 (PCT/FI2013/050575)
[87] (WO2013/186433)
[30] EP (12171417.4) 2012-06-11

[21] **2,874,367**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/127 (2006.01) A61K 38/00 (2006.01) A61K 47/10 (2006.01) A61K 47/14 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **SOMATOSTATIN RECEPTOR AGONIST FORMULATIONS**
[54] **FORMULATION D'AGONISTE DES RECEPTEURS A LA SOMATOSTATINE**
[72] NISTOR, CATALIN, SE
[72] JOHNSON, MARKUS, SE
[72] TIBERG, FREDRIK, SE
[71] CAMURUS AB, SE
[85] 2014-11-21
[86] 2013-05-24 (PCT/EP2013/060739)
[87] (WO2013/174978)
[30] EP (PCT/EP2012/059917) 2012-05-25
[30] US (61/730,613) 2012-11-28

[21] **2,874,368**
[13] A1

[51] **Int.Cl. B66B 5/18 (2006.01) B66B 17/34 (2006.01)**
[25] EN
[54] **DAMPING UNIT FOR A LIFT**
[54] **UNITE D'AMORTISSEMENT POUR ASCENSEUR**
[72] KOCHER, HANS, CH
[72] ETZWEILER, LORENZ, CH
[71] INVENTIO AG, CH
[85] 2014-11-21
[86] 2013-05-24 (PCT/EP2013/060791)
[87] (WO2013/175001)
[30] EP (12169299.0) 2012-05-24

[21] **2,874,369**
[13] A1

[51] **Int.Cl. B66B 5/18 (2006.01) B66B 17/34 (2006.01)**
[25] EN
[54] **DAMPING UNIT FOR A LIFT**
[54] **UNITE D'AMORTISSEMENT POUR ASCENSEUR**
[72] ETZWEILER, LORENZ, CH
[72] KOCHER, HANS, CH
[71] INVENTIO AG, CH
[85] 2014-11-21
[86] 2013-05-24 (PCT/EP2013/060793)
[87] (WO2013/175003)
[30] EP (12169296.6) 2012-05-24

[21] **2,874,371**
[13] A1

[51] **Int.Cl. B60K 28/06 (2006.01)**
[25] EN
[54] **PROVIDING AN ID-VERIFIED BLOOD TEST**
[54] **FOURNITURE DE TEST SANGUIN A ID VERIFIEE**
[72] BAUGHMAN, AARON K., US
[72] MALKIN, PETER K., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-04-16 (PCT/US2013/036681)
[87] (WO2014/003873)
[30] US (13/538,423) 2012-06-29

[21] **2,874,373**
[13] A1

[51] **Int.Cl. A61K 8/86 (2006.01) A61K 5/12 (2006.01)**
[25] EN
[54] **KIT**
[54] **TROUSSE**
[72] BRIGGS, STEPHEN LEONARD, GB
[72] TATTERSALL, ANDREW, GB
[71] UNILEVER PLC, NL
[85] 2014-11-21
[86] 2013-05-24 (PCT/EP2013/060797)
[87] (WO2013/178556)
[30] EP (12170617.0) 2012-06-01

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[13] A1

[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/192 (2006.01) A61K 31/203 (2006.01) A61K 31/402 (2006.01) A61K 47/36 (2006.01) A61K 47/42 (2006.01) A61P 17/00 (2006.01)**

[25] FR
[54] **MICROCAPSULES CONTAINING RETINOIDS, METHOD FOR PREPARING SAME, AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**

[54] **MICROCAPSULES CONTENANT DES RETINOIDES, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**

[72] DJEDOUR, AMEL, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR

[85] 2014-11-21
[86] 2013-05-30 (PCT/EP2013/061183)
[87] (WO2013/178743)
[30] FR (1255108) 2012-06-01
[30] US (61/654723) 2012-06-01

[21] **2,874,376**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01)**

[25] FR
[54] **METHOD FOR PREPARING A DERMATOLOGICAL COMPOSITION INCLUDING OLEOSOMES**

[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DERMATOLOGIQUE COMPRENANT DES OLEOSOMES**

[72] DJEDOUR, AMEL SAFIA, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR

[85] 2014-11-21
[86] 2013-05-30 (PCT/EP2013/061192)
[87] (WO2013/178752)
[30] FR (1255107) 2012-06-01
[30] US (61/654680) 2012-06-01

[21] **2,874,377**
[13] A1

[51] **Int.Cl. F04C 2/107 (2006.01) F04C 13/00 (2006.01)**

[25] FR
[54] **PROGRESSIVE CAVITY PUMP**

[54] **POMPE A CAVITES PROGRESSIVES**

[72] BRATU, CHRISTIAN, FR
[71] BRATU, CHRISTIAN, FR

[85] 2014-11-21
[86] 2013-05-28 (PCT/FR2013/051189)
[87] (WO2013/178939)
[30] FR (12/01519) 2012-05-29

[21] **2,874,378**
[13] A1

[51] **Int.Cl. B65D 17/50 (2006.01) B65D 51/18 (2006.01) B67B 5/03 (2006.01)**

[25] EN
[54] **COVER FOR BEVERAGE CAN WITH A PROTECTIVE FOIL**

[54] **COUVERCLE POUR CANETTE DE BOISSON COMPRENANT UN FILM DE PROTECTION**

[72] HUNDELOH, THOMAS, DE
[72] JOBGES, UDO, DE
[72] DETTLAFF, MARKUS, DE
[71] BALL EUROPE GMBH, CH

[85] 2014-11-21
[86] 2013-05-31 (PCT/EP2013/061281)
[87] (WO2013/178793)
[30] DE (10 2012 209 241.2) 2012-05-31

[21] **2,874,379**
[13] A1

[51] **Int.Cl. A23L 1/00 (2006.01) A23L 1/164 (2006.01) A23L 1/30 (2006.01)**

[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING THE STABILITY OF FOOD PRODUCT ADDITIVES**

[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ACCROITRE LA STABILITE D'ADDITIFS DE PRODUITS ALIMENTAIRES**

[72] GAREAU, AMBER LYNN, CA
[72] PITTMAN, SHARON ANN SPURVEY, CA
[72] TABOADA, LARIZA BERISTAIN, CA

[71] DSM NUTRITIONAL PRODUCTS AG, CH

[85] 2014-11-21
[86] 2012-05-21 (PCT/IB2012/001131)
[87] (WO2013/175253)

[21] **2,874,380**
[13] A1

[51] **Int.Cl. F04B 1/047 (2006.01) F04B 1/107 (2006.01) F04B 9/04 (2006.01)**

[25] EN
[54] **PULSATION-FREE POSITIVE DISPLACEMENT ROTARY PUMP**

[54] **POMPE ROTATIVE VOLUMETRIQUE SANS PULSATION**

[72] NAVARRO, THIERRY, CH
[72] JUNOD, FLORENT, FR
[71] SWISSINNOV PRODUCT SARL, CH

[85] 2014-11-21
[86] 2013-05-02 (PCT/IB2013/000819)
[87] (WO2013/175277)
[30] IB (PCT/IB2012/001003) 2012-05-23
[30] IB (PCT/IB2012/002451) 2012-11-23

[21] **2,874,381**
[13] A1

[51] **Int.Cl. E02B 15/06 (2006.01) E02B 15/08 (2006.01)**

[25] EN
[54] **A METHOD OF CONTAINING A SPILL IN AN AQUEOUS ENVIRONMENT AND/OR A SPILL CONTAINMENT APPARATUS**

[54] **PROCEDE DE CONFINEMENT D'UN DEVERSEMENT DANS UN ENVIRONNEMENT AQUEUX ET/OU APPAREIL DE DEVERSEMENT**

[72] STRATTON, MICHAEL JOHN, GB
[71] STRATTON, MICHAEL JOHN, GB

[85] 2014-11-21
[86] 2012-06-07 (PCT/GB2012/051281)
[87] (WO2012/168713)
[30] GB (1109517.1) 2011-06-07
[30] GB (1119473.5) 2011-11-11
[30] GB (1206963.9) 2012-04-20

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[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A01N 37/46 (2006.01) A01N 43/36 (2006.01) A01N 43/56 (2006.01) A01N 43/58 (2006.01) A01N 43/653 (2006.01) A01N 43/78 (2006.01) A01N 47/02 (2006.01) A01N 47/24 (2006.01) A01N 51/00 (2006.01)**

[25] EN

[54] **PYRAZOLE COMPOUND AND PESTICIDAL MIXTURES COMPRISING A PYRAZOLE COMPOUND**

[54] **COMPOSE DE PYRAZOLE ET MELANGES PESTICIDES COMPRENANT UN COMPOSE DE PYRAZOLE**

[72] SORGEL, SEBASTIAN, DE
[72] SALINGER, DANIEL, DE
[72] DEFIEBER, CHRISTIAN, DE
[72] LANGEWALD, JURGEN, DE
[72] GOCKEL, BIRGIT, DE
[72] HADEN, EGON, DE
[72] CULBERTSON, DEBORAH L., US
[72] GUNJIMA, KOSHI, US
[71] BASF SE, DE
[85] 2014-11-21
[86] 2013-06-12 (PCT/EP2013/062123)
[87] (WO2013/189801)
[30] US (61/661,817) 2012-06-20
[30] US (61/717,117) 2012-10-23

[21] **2,874,383**
[13] A1

[51] **Int.Cl. E21B 7/18 (2006.01) E21B 7/06 (2006.01) E21B 17/04 (2006.01) E21B 17/043 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR DIRECTIONAL DRILLING AND COUPLING SUB**

[54] **PROCEDE ET SYSTEME DE FORAGE DIRECTIONNEL ET REDUCTION DE RACCORDEMENT**

[72] VAN NIEUWKOOP, PIETER, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2014-11-21
[86] 2013-06-14 (PCT/EP2013/062338)
[87] (WO2013/186342)
[30] EP (12172224.3) 2012-06-15

[21] **2,874,384**
[13] A1

[51] **Int.Cl. E21B 17/08 (2006.01) F16L 13/08 (2006.01)**

[25] EN

[54] **METHOD AND CONNECTOR ASSEMBLY FOR CONNECTING TUBULAR MEMBERS**

[54] **PROCEDE ET ENSEMBLE CONNECTEUR POUR LE RACCORDEMENT D'ELEMENTS TUBULAIRES**

[72] DI CRESCENZO, DANIELE, NL
[72] SHUSTER, MICHAEL, NL
[72] ROY, DAYEETA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATCHAPPIJ B.V., NL
[85] 2014-11-21
[86] 2013-06-20 (PCT/EP2013/062851)
[87] (WO2013/186400)
[30] EP (12172227.6) 2012-06-15

[21] **2,874,387**
[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01) H01J 3/08 (2006.01)**

[25] EN

[54] **A RADIATION DOSE CONTROL DEVICE FOR CONTROLLING AN ELECTRON BEAM PULSE DELIVERED DURING IORT**

[54] **DISPOSITIF DE REGULATION DE LA DOSE DE RAYONNEMENT POUR LA REGULATION D'UNE IMPULSION DE FAISCEAU D'ELECTRONS ADMINISTREE PENDANT UNE IORT**

[72] FELICI, GIUSEPPE, IT
[72] IACOBONI, VINCENZO, IT
[72] CICCOTELLI, ALESSIA, IT
[72] DE ANGELIS, FABIO, IT
[71] S.I.T. - SORDINA IORT TECHNOLOGIES SPA, IT
[85] 2014-11-21
[86] 2013-05-22 (PCT/IT2013/000143)
[87] (WO2013/175517)
[30] IT (VI2012A000119) 2012-05-22

[21] **2,874,389**
[13] A1

[51] **Int.Cl. F25D 3/08 (2006.01) B67D 1/00 (2006.01) F28D 7/04 (2006.01) F28D 9/04 (2006.01)**

[25] EN

[54] **BEVERAGE COOLING DEVICE**

[54] **DISPOSITIF DE REFROIDISSEMENT DE BOISSON**

[72] ZEBUHR, WILLIAM H., US
[72] DUSSAULT, DAVID, US
[71] ICECOLDNOW, INC., US
[85] 2014-11-20
[86] 2012-04-11 (PCT/US2012/033087)
[87] (WO2012/170115)
[30] US (61/494,454) 2011-06-08

[21] **2,874,391**
[13] A1

[51] **Int.Cl. D21H 11/20 (2006.01) C08B 15/04 (2006.01)**

[25] EN

[54] **POROUS CELLULOSE BODY AND METHOD FOR PRODUCING SAME**

[54] **CORPS POREUX DE CELLULOSE ET SON PROCEDE DE FABRICATION**

[72] NEMOTO, JUNJI, JP
[72] SOYAMA, TOSHIHIKO, JP
[72] ISOGAI, AKIRA, JP
[72] SAITO, TSUGUYUKI, JP
[71] HOKUETSU KISHU PAPER CO., LTD., JP
[71] THE UNIVERSITY OF TOKYO, JP
[85] 2014-11-21
[86] 2013-05-15 (PCT/JP2013/063557)
[87] (WO2013/183415)
[30] JP (2012-128193) 2012-06-05

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[21] **2,874,392**
[13] A1

[51] **Int.Cl. A61B 17/06 (2006.01) A61L 24/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR WOUND THERAPY**
[54] **APPAREILS ET PROCÉDES POUR UNE THÉRAPIE DE PLAIE**
[72] DODD, JAMES RODERICK, GB
[72] HAMMOND, VICTORIA JODY, GB
[72] HARTWELL, EDWARD YERBURY, GB
[72] HICKS, JOHN KENNETH, GB
[72] HUDDLESTON, ELIZABETH MARY, GB
[72] SAXBY, CARL, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2014-11-21
[86] 2013-05-21 (PCT/IB2013/001562)
[87] (WO2013/175310)
[30] US (61/650,391) 2012-05-22
[30] US (61/663,405) 2012-06-22
[30] US (61/681,037) 2012-08-08
[30] US (61/782,026) 2013-03-14

[21] **2,874,393**
[13] A1

[51] **Int.Cl. B65B 9/093 (2012.01) B65B 57/00 (2006.01)**
[25] EN
[54] **MEDICINE DISPENSING AND PACKING APPARATUS**
[54] **DISPOSITIF DE SÉPARATION ET D'EMBALLAGE DE MÉDICAMENT**
[72] YAMAMOTO, YOSHIHIRO, JP
[71] TAKAZONO CORPORATION, JP
[85] 2014-11-21
[86] 2013-05-22 (PCT/JP2013/064190)
[87] (WO2013/176170)
[30] JP (2012-117385) 2012-05-23

[21] **2,874,394**
[13] A1

[51] **Int.Cl. G06F 3/023 (2006.01) G06F 3/00 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **METHODS, CONTROLLERS AND DEVICES FOR ASSEMBLING A WORD**
[54] **PROCÉDES, CONTRÔLEURS ET DISPOSITIFS POUR ASSEMBLER UN MOT**
[72] CHOMLEY, TIMOTHY MICHAEL, AU
[71] CHOMLEY CONSULTING PTY. LTD, AU
[85] 2014-11-21
[86] 2013-05-30 (PCT/AU2013/000568)
[87] (WO2013/177624)
[30] AU (2012902255) 2012-05-30
[30] AU (2013204311) 2013-04-12

[21] **2,874,395**
[13] A1

[51] **Int.Cl. G01D 1/18 (2006.01) G01D 3/032 (2006.01) G01D 21/00 (2006.01) G08B 25/01 (2006.01)**
[25] EN
[54] **THREAT DETECTION SYSTEM AND METHOD**
[54] **SYSTÈME ET PROCÉDE DE DÉTECTION DE MENACE**
[72] LUNDY, DOUGLAS, H., CA
[71] LUNDY, DOUGLAS, H., CA
[85] 2014-11-21
[86] 2013-05-24 (PCT/IB2013/002157)
[87] (WO2013/186640)
[30] US (61/651,231) 2012-05-24

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[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61B 17/02 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **WOUND CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE DE BLESSURE**
[72] HAMMOND, VICTORIA JODY, GB
[72] HARTWELL, EDWARD YERBURY, GB
[72] HICKS, JOHN, KENNETH, GB
[72] SAXBY, CARL, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2014-11-21
[86] 2013-05-21 (PCT/IB2013/002485)
[87] (WO2014/013348)
[30] US (61/650,391) 2012-05-22
[30] US (61/651,483) 2012-05-24
[30] US (61/681,037) 2012-08-08
[30] US (61/784,304) 2013-03-14

[21] **2,874,397**
[13] A1

[51] **Int.Cl. G01T 1/00 (2006.01) A61N 5/10 (2006.01) G01T 1/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR OPTICALLY ENCODED POSITION MULTIPLE-POINT SCINTILLATION DETECTOR USING A SINGLE COLLECTING LIGHT GUIDE**
[54] **PROCÉDES ET APPAREILS POUR DÉTECTEUR À SCINTILLATION MULTIPOINT À POSITION OPTIQUEMENT CODÉE FAISANT APPEL À UN SEUL GUIDE DE LUMIÈRE DE COLLECTE**
[72] THERRIAULT-PROULX, FRANCOIS, CA
[72] BEAULIEU, LUC, CA
[72] ARCHAMBAULT, LOUIS, CA
[72] BEDDAR, SAM, US
[71] UNIVERSITE LAVAL, CA
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2014-11-21
[86] 2012-05-24 (PCT/CA2012/000490)
[87] (WO2012/159201)
[30] US (61/489,639) 2011-05-24

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[13] A1

[51] **Int.Cl. B65D 1/02 (2006.01)**
[25] EN
[54] **FLAT BOTTLE**
[54] **BOUEILLE PLATE**
[72] NAGAOKA, ATSUSHI, JP
[72] OGUCHI, HIROKI, JP
[72] TAKAHASHI, TETSUO, JP
[71] YOSHINO KOGYOSYO CO., LTD., JP
[85] 2014-11-21
[86] 2013-05-24 (PCT/JP2013/064483)
[87] (WO2013/180032)
[30] JP (2012-123961) 2012-05-31
[30] JP (2013-095822) 2013-04-30

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[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01)**
[25] EN
[54] **PLANT INFILTRATION TRAY**
[54] **BAC A INFILTRATION POUR LES PLANTES**
[72] VEZINA, LOUIS-PHILIPPE, CA
[72] BECHTOLD, NICOLE, CA
[72] LAURIN, LUC, CA
[71] MEDICAGO INC., CA
[85] 2014-11-21
[86] 2013-05-28 (PCT/CA2013/050406)
[87] (WO2013/177701)
[30] US (61/652,284) 2012-05-28

[21] **2,874,400**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61P 25/28 (2006.01) C07D 471/14 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUNDS AS KAT II INHIBITORS**
[54] **COMPOSES TRICYCLIQUES EN TANT QU'INHIBITEURS DE KAT II**
[72] DOUNAY, AMY B., US
[72] TUTTLE, JAMISON B., US
[72] VERHOEST, PATRICK R., US
[71] PFIZER INC., US
[85] 2014-11-21
[86] 2013-06-03 (PCT/IB2013/054570)
[87] (WO2013/186666)
[30] US (61/660,142) 2012-06-15

[21] **2,874,401**
[13] A1

[51] **Int.Cl. A61B 5/103 (2006.01) A61B 10/00 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **ARTERY VISUALIZATION DEVICE AND ARTERY IMAGING DEVICE**
[54] **DISPOSITIF DE VISUALISATION DES ARTERES ET DISPOSITIF D'IMAGERIE DES ARTERES**
[72] SATO, TAKAYUKI, JP
[72] IKE, TATSUMI, JP
[71] NATIONAL UNIVERSITY CORPORATION KOCHI UNIVERSITY, JP
[85] 2014-11-21
[86] 2013-05-28 (PCT/JP2013/064763)
[87] (WO2013/180126)
[30] JP (2012-121700) 2012-05-29

[21] **2,874,404**
[13] A1

[51] **Int.Cl. F41H 11/24 (2011.01) F41H 11/28 (2011.01)**
[25] EN
[54] **DEVICE AND METHOD FOR COUPLING A MOUNTED IMPLEMENT ON A VEHICLE**
[54] **DISPOSITIF ET PROCEDE D'ACCOUPLLEMENT D'UN ACCESSOIRE A UN VEHICULE**
[72] FORSTNER, LUDWIG, DE
[71] KRAUSS-MAFFEI WEGMANN GMBH & CO. KG, DE
[85] 2014-11-21
[86] 2013-05-21 (PCT/DE2013/100185)
[87] (WO2013/174372)
[30] DE (10 2012 104 397.3) 2012-05-22

[21] **2,874,407**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR THE IDENTIFICATION OF THE ORIGIN OF A CANCER OF UNKNOWN PRIMARY ORIGIN BY METHYLATION ANALYSIS**
[54] **PROCEDE POUR L'IDENTIFICATION DE L'ORIGINE D'UN CANCER D'ORIGINE PRIMAIRE INCONNUE PAR ANALYSE DE METHYLATION**
[72] ESTELLER BADOSA, MANEL, ES
[71] FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL), ES
[71] FUNDACIO INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
[85] 2014-11-21
[86] 2012-05-24 (PCT/EP2012/059687)
[87] (WO2013/174432)

[21] **2,874,410**
[13] A1

[51] **Int.Cl. E05B 63/00 (2006.01) E05C 3/04 (2006.01)**
[25] EN
[54] **LOCKING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE**
[72] WINKLER, HEINZ, AT
[71] NOVOMATIC AG, AT
[85] 2014-11-21
[86] 2013-05-28 (PCT/EP2013/001568)
[87] (WO2013/182278)
[30] DE (10 2012 011 332.3) 2012-06-06

[21] **2,874,411**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/58 (2006.01) A61F 2/40 (2006.01)**
[25] EN
[54] **REVERSE SHOULDER HUMERAL ADAPTER TRAYS**
[54] **TIROIRS D'ADAPTATEUR HUMERAL POUR EPAULE INVERSE**
[72] ROCHE, CHRISTOPHER, US
[72] HAMILTON, MATTHEW, US
[72] DIEP, PHONG, US
[71] EXACTECH, INC., US
[85] 2014-11-20
[86] 2013-05-30 (PCT/US2013/043321)
[87] (WO2013/181365)
[30] US (61/653,860) 2012-05-31
[30] US (61/779,363) 2013-03-13
[30] US (13/905,599) 2013-05-30

[21] **2,874,412**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/00 (2006.01) A61K 31/7088 (2006.01) A61K 47/02 (2006.01) A61K 47/22 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING AN ANTI-PDGF APTAMER AND A VEGF ANTAGONIST**
[54] **COMPOSITIONS COMPRENANT UN APTAMERE ANTI-PDGF ET UN ANTAGONISTE DE VEGF**
[72] EVERETT, RICHARD (DECEASED), US
[72] CHANG, BYEONG SEON, US
[71] OPHTHOTECH CORPORATION, US
[85] 2014-11-20
[86] 2013-05-31 (PCT/US2013/043536)
[87] (WO2013/181495)
[30] US (61/654,672) 2012-06-01
[30] US (61/778,208) 2013-03-12

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[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/18 (2011.01) C12P 19/34 (2006.01)**
[25] EN
[54] **METHODS OF SAMPLE PREPARATION**
[54] **PROCEDES DE PREPARATION D'UN ECHANTILLON**
[72] HEAD, STEVEN ROBERT, US
[72] ORDOUKHANIAN, PHILLIP T., US
[72] SALOMON, DANIEL R., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042106)
[87] (WO2013/177220)
[30] US (61/649,836) 2012-05-21
[30] US (61/654,389) 2012-06-01
[30] US (61/716,378) 2012-10-19
[30] US (61/749,871) 2013-01-07
[30] US (61/763,424) 2013-02-11
[30] US (61/763,441) 2013-02-11

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[13] A1

[51] **Int.Cl. C08B 15/02 (2006.01) D21C 9/00 (2006.01) D21H 11/18 (2006.01)**
[25] EN
[54] **LOW ENERGY METHOD FOR THE PREPARATION OF NON-DERIVATIZED NANOCELLULOSE**
[54] **PROCEDE A FAIBLE ENERGIE POUR LA PREPARATION DE NANOCELLULOSE NON DERIVATISEE**
[72] GRAVESON, IAN, GB
[72] ENGLISH, ROBERT, GB
[71] SAPPI NETHERLANDS SERVICES B.V., NL
[85] 2014-11-21
[86] 2013-07-12 (PCT/EP2013/064776)
[87] (WO2014/009517)
[30] EP (12176252.0) 2012-07-13

[21] **2,874,415**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **CO-USE OF ENDOLUMINAL DATA AND EXTRALUMINAL IMAGING**
[54] **CO-UTILISATION DE DONNEES ENDOLUMINALES ET D'IMAGERIE EXTRALUMINALE**
[72] STEINBERG, ALEXANDER, IL
[72] KLAIMAN, ELDAD, IL
[72] COHEN, RAN, IL
[72] TOLKOWSKY, DAVID, IL
[72] BARZELAY, ZOHAR, IL
[71] SYNC-RX, LTD., IL
[85] 2014-11-21
[86] 2013-05-21 (PCT/IL2013/050438)
[87] (WO2013/175472)
[30] US (61/688,730) 2012-05-21
[30] US (61/761,709) 2013-02-07

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[13] A1

[51] **Int.Cl. G01N 21/05 (2006.01) G01N 21/78 (2006.01) G01N 21/84 (2006.01)**
[25] EN
[54] **GAS MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE DE GAZ**
[72] KUCK, KAI, DE
[72] HANSMANN, HANS-ULLRICH, DE
[72] OTT, DETLEF, DE
[72] MOHRMANN, ANDREAS, DE
[72] TROLLSCH, ARNE, DE
[71] DRAGER SAFETY AG & CO. KGAA, DE
[85] 2014-11-21
[86] 2013-07-17 (PCT/EP2013/065091)
[87] (WO2014/012974)
[30] DE (10 2012 014 503.9) 2012-07-20

[21] **2,874,417**
[13] A1

[51] **Int.Cl. B65G 45/16 (2006.01)**
[25] EN
[54] **BELT SCRAPER ASSEMBLY**
[54] **ENSEMBLE RACLEUR DE COURROIE**
[72] KISHOR, KAUSHAL, IN
[72] ROY, SAROJ KUMAR, IN
[72] YAVAR, IMAM SYED, IN
[72] PANIGRAHI, ARUNLAL, IN
[71] TEGA INDUSTRIES LIMITED, IN
[85] 2014-11-21
[86] 2013-04-19 (PCT/IN2013/000260)
[87] (WO2014/002112)
[30] IN (695/KOL/2012) 2012-06-26

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[13] A1

[51] **Int.Cl. G01N 21/05 (2006.01) G01N 21/78 (2006.01) G01N 21/84 (2006.01)**
[25] EN
[54] **GAS MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE DE GAZ**
[72] HANSMANN, HANS-ULLRICH, DE
[72] MOHRMANN, ANDREAS, DE
[72] TROLLSCH, ARNE, DE
[72] POLZIUS, RAINER, DE
[71] DRAGER SAFETY AG & CO. KGAA, DE
[85] 2014-11-21
[86] 2013-07-17 (PCT/EP2013/065101)
[87] (WO2014/012977)
[30] DE (10 2012 014 504.7) 2012-07-20

[21] **2,874,419**
[13] A1

[51] **Int.Cl. B32B 18/00 (2006.01) B32B 9/00 (2006.01) C04B 41/87 (2006.01) C04B 41/89 (2006.01)**
[25] EN
[54] **CERAMIC MATRIX COMPOSITE COMPONENT COATED WITH ENVIRONMENTAL BARRIER COATINGS AND METHOD OF MANUFACTURING THE SAME**
[54] **COMPOSANT COMPOSITE DE MATRICE CERAMIQUE REVETU PAR UNE BARRIERE ENVIRONNEMENTALE ET SON PROCEDE DE FABRICATION**
[72] NAKADA, YUKIHIRO, JP
[72] MURATA, HIROSHIGE, JP
[72] WATANABE, KENICHIRO, JP
[72] TANAKA, YASUTOMO, JP
[72] NAKAMURA, TAKESHI, JP
[71] IHI CORPORATION, JP
[85] 2014-11-21
[86] 2013-06-03 (PCT/JP2013/065331)
[87] (WO2013/183580)
[30] JP (2012-126867) 2012-06-04

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[13] A1

[51] **Int.Cl. C07D 413/12 (2006.01) C07D 419/12 (2006.01)**
[25] EN
[54] **CONVENIENT PROCESS FOR THE PREPARATION OF STATINS**
[54] **PROCEDE PRATIQUE POUR LA PREPARATION DE STATINES**
[72] DE LUCCHI, OTTORINO, IT
[72] TARTAGGIA, STEFANO, IT
[72] FERRARI, CLARK, IT
[72] GALVAGNI, MARCO, IT
[72] PONTINI, MARTA, IT
[72] FOGAL, STEFANO, IT
[72] MOTTERLE, RICCARDO, IT
[72] MORENO, ROSA MARIA, ES
[72] COMELY, ALEX, ES
[71] F.I.S. - FABBRICA ITALIANA SINTETICI S.P.A., IT
[85] 2014-11-21
[86] 2014-02-11 (PCT/EP2014/052627)
[87] (WO2014/128022)
[30] IT (VI2013A000039) 2013-02-20
[30] EP (13185030.7) 2013-09-18

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **ANTI-CD26 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CD-26 ET APPLICATIONS ASSOCIEES**
[72] DI NARO, ANTONIO FRANCESCO, CH
[71] ADIENNE S.A., CH
[85] 2014-11-21
[86] 2014-02-19 (PCT/EP2014/053243)
[87] (WO2014/128168)
[30] EP (13425029.9) 2013-02-19

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[13] A1

[51] **Int.Cl. A01N 47/16 (2006.01) A01N 35/04 (2006.01) A01N 37/52 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01N 43/54 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PLANT DISEASE CONTROL COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASE**
[54] **COMPOSITION DE LUTTE CONTRE LES MALADIES DE PLANTE ET PROCEDE DE LUTTE CONTRE LES MALADIES DE PLANTE**
[72] TANAKA, SOICHI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2014-11-21
[86] 2013-06-06 (PCT/JP2013/066285)
[87] (WO2013/187457)
[30] JP (2012-132601) 2012-06-12

[21] **2,874,424**
[13] A1

[51] **Int.Cl. A23C 19/032 (2006.01) A23C 9/127 (2006.01) A23L 3/3571 (2006.01) C12N 1/20 (2006.01) C12N 1/38 (2006.01)**
[25] EN
[54] **STRAINS OF PROPIONIBACTERIUM**
[54] **SOUCHES DE PROPIONIBACTERIUM**
[72] BENFELDT, CONNIE, DK
[72] MORGENSTERN, HEIKE URSULA, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2014-11-21
[86] 2013-05-21 (PCT/EP2013/060371)
[87] (WO2013/174793)
[30] US (61/649,691) 2012-05-21
[30] EP (12168740.4) 2012-05-21
[30] US (61/766,952) 2013-02-20
[30] EP (13168162.9) 2013-05-17

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[13] A1

[51] **Int.Cl. A01N 43/653 (2006.01) A01N 33/22 (2006.01) A01N 37/40 (2006.01) A01N 39/04 (2006.01) A01N 41/10 (2006.01) A01N 43/10 (2006.01) A01N 43/40 (2006.01) A01N 43/66 (2006.01) A01N 43/70 (2006.01) A01N 43/707 (2006.01) A01N 43/713 (2006.01) A01N 43/76 (2006.01) A01N 43/80 (2006.01) A01N 47/36 (2006.01) A01N 59/20 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING N-(TETRAZOL-5-YL)- OR N-(TRIAZOL-5-YL)ARYLCARBOXAMIDES**
[54] **COMPOSITIONS HERBICIDES CONTENANT DES AMIDES D'ACIDE N-(TETRAZOL-5-YL)- OU N-(TRIAZOL-5-YL)ARYLCARBOXYLIQUE**
[72] VAN ALMSICK, ANDREAS, DE
[72] GATZWEILER, ELMAR, DE
[72] HACKER, ERWIN, DE
[72] BRAUN, RALF, DE
[72] MENNE, HUBERT, DE
[72] TRABOLD, KLAUS, DE
[72] WALDRAFF, CHRISTIAN, DE
[71] BAYER CROPSCIENCE AG, DE
[85] 2014-11-21
[86] 2013-05-22 (PCT/EP2013/060468)
[87] (WO2013/174845)
[30] EP (12169189.3) 2012-05-24

[21] **2,874,426**
[13] A1

[51] **Int.Cl. G01J 5/00 (2006.01) G01J 5/02 (2006.01) G01J 5/08 (2006.01) G01J 5/12 (2006.01) G01J 5/52 (2006.01) G01K 7/00 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING EMISSIVITY AND DENSITY OF CRUDE OIL**
[54] **PROCEDE ET APPAREIL DE MESURE DE L'EMISSIVITE ET DE LA DENSITE DU PETROLE BRUT**
[72] BAGLEY, PHILIP MICHAEL, GB
[72] SLATER, ROBIN, GB
[71] AKER SUBSEA LIMITED, GB
[85] 2014-11-21
[86] 2013-05-15 (PCT/GB2013/000217)
[87] (WO2013/178969)
[30] GB (1209380.3) 2012-05-26

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[13] A1

[51] **Int.Cl. B01D 3/32 (2006.01) B67D 99/00 (2010.01) B01J 4/00 (2006.01)**

[25] EN

[54] **LIQUID DISTRIBUTION DEVICE**

[54] **DISPOSITIF DE DISTRIBUTION DE LIQUIDE**

[72] LEE, BYEONG KYEOM, KR

[72] KIM, KWANG HYUN, KR

[71] AMTPACIFIC CO., LTD., KR

[85] 2014-11-21

[86] 2012-11-21 (PCT/KR2012/009863)

[87] (WO2013/176357)

[30] KR (10-2012-0054191) 2012-05-22

[21] **2,874,428**
[13] A1

[51] **Int.Cl. A23K 1/18 (2006.01) A01K 67/033 (2006.01) A23K 1/12 (2006.01) A23K 1/175 (2006.01)**

[25] EN

[54] **ARTIFICIAL FEED FOR MASS CULTURE OF LONG-HORNED BEETLES, METHOD FOR MANUFACTURING SAME, AND BREEDING METHOD USING SAME**

[54] **ALIMENT ARTIFICIEL POUR L'ELEVAGE DE MASSE DE CERAMBYCIDES, SON PROCEDE DE FABRICATION, ET PROCEDE DE SELECTION UTILISANT UN TEL ALIMENT**

[72] YI, DAE AM, KR

[71] YI, DAE AM, KR

[85] 2014-11-21

[86] 2013-05-16 (PCT/KR2013/004362)

[87] (WO2013/176441)

[30] KR (10-2012-0054975) 2012-05-23

[21] **2,874,429**
[13] A1

[51] **Int.Cl. E21B 10/43 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR IMPROVING STABILITY OF DRILLING TOOLS**

[54] **SYSTEME ET PROCEDE POUR AMELIORER LA STABILITE D'OUTILS DE FORAGE**

[72] CHEN, SHILIN, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-11-21

[86] 2012-05-23 (PCT/US2012/039133)

[87] (WO2013/176664)

[21] **2,874,430**
[13] A1

[51] **Int.Cl. A61H 3/00 (2006.01) A45B 9/00 (2006.01) A61H 3/02 (2006.01)**

[25] EN

[54] **FORCE ABSORBING DEVICE**

[54] **DISPOSITIF D'ABSORPTION DE FORCE**

[72] BASHAM, MARSHALL AARON VAUGHN, NZ

[71] BASHAM, MARSHALL AARON VAUGHN, NZ

[85] 2014-11-21

[86] 2012-05-24 (PCT/US2012/039318)

[87] (WO2012/162484)

[30] NZ (593047) 2011-05-24

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/245 (2006.01) A61K 39/29 (2006.01)**

[25] EN

[54] **MODULATED IMMUNODOMINANCE THERAPY**

[54] **THERAPIE D'IMMUNODOMINANCE MODULEE**

[72] SLANETZ, ALFRED E., US

[71] GENIEUS BIOTECHNOLOGY INVESTMENTS, LLC, US

[85] 2014-11-21

[86] 2012-05-25 (PCT/US2012/039605)

[87] (WO2012/162620)

[30] US (61/490,505) 2011-05-26

[21] **2,874,432**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G06F 19/12 (2011.01) A61K 31/122 (2006.01) A61P 39/00 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **INTERROGATORY CELL-BASED ASSAYS FOR IDENTIFYING DRUG-INDUCED TOXICITY MARKERS**

[54] **DOSAGES CELLULAIRES INTERROGATOIRES POUR L'IDENTIFICATION DE MARQUEURS DE TOXICITE INDUITE PAR UN MEDICAMENT**

[72] NARAIN, NIVEN RAJIN, US

[72] SARANGARAJAN, RANGAPRASAD, US

[72] VISHNUDAS, VIVEK K., US

[71] BERG LLC, US

[85] 2014-11-21

[86] 2012-09-07 (PCT/US2012/054323)

[87] (WO2013/176694)

[30] US (61/650,462) 2012-05-22

[21] **2,874,433**
[13] A1

[51] **Int.Cl. A61B 6/04 (2006.01)**

[25] EN

[54] **JOINT ASSEMBLY FOR CONNECTING A LONG EXTENSION PANEL TO A PATIENT SUPPORT PANEL OF A RADIATION THERAPY TABLE AND A TWO-PIECE PATIENT SUPPORT TABLE FORMED THEREBY**

[54] **ENSEMBLE JOINT POUR RELIER UN PANNEAU D'EXTENSION ALLONGE A UN PANNEAU DE SUPPORT DE PATIENT D'UNE TABLE DE RADIOTHERAPIE ET TABLE DE SUPPORT DE PATIENT EN DEUX PARTIES FORMEE PAR CELUI-CI**

[72] WILSON, ROGER F., US

[72] KLASSON, CHARLES, US

[72] RIBBLE, BRUCE, US

[71] CIVCO MEDICAL INSTRUMENTS CO., INC., US

[85] 2014-11-21

[86] 2013-05-21 (PCT/US2013/041978)

[87] (WO2013/177131)

[30] US (13/477,433) 2012-05-22

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[21] **2,874,434**
[13] A1

[51] **Int.Cl. A23K 1/00 (2006.01) A01K 5/02 (2006.01) A23K 1/16 (2006.01) A23K 1/18 (2006.01)**

[25] EN

[54] **EXTRUDED PET FOOD COMPOSITION**

[54] **COMPOSITION D'ALIMENT EXTRUDE POUR ANIMAL DOMESTIQUE**

[72] VILLAGRAN, MARIA DOLORES MARTINEZ-SERNA, US

[72] AIREN, ISOKEN OMOSEFE, US

[72] MOONEY, JOAN HELEN, US

[72] DURITSCH, GREGORY WILLIAM, US

[72] SCHILDKNECHT, WILLIAM CHRISTOPHER, US

[71] THE IAMS COMPANY, US

[85] 2014-11-21

[86] 2013-05-21 (PCT/US2013/041991)

[87] (WO2013/177143)

[30] US (61/649,871) 2012-05-21

[30] US (61/650,400) 2012-05-22

[21] **2,874,435**
[13] A1

[51] **Int.Cl. E21B 34/16 (2006.01) E21B 34/14 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **SAFETY VALVE CONTROL SYSTEM AND METHOD OF USE**

[54] **SYSTEME DE COMMANDE DE SOUPE DE SECURITE ET PROCEDE D'UTILISATION**

[72] LYMBEROPOLOUS, DAVID, US

[72] MATTHEWS, BENJAMIN R., US

[71] SAFOCO, INC., US

[85] 2014-11-21

[86] 2013-05-21 (PCT/US2013/042095)

[87] (WO2013/177212)

[30] US (13/480,704) 2012-05-25

[21] **2,874,436**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) B82Y 5/00 (2011.01) A61K 38/03 (2006.01) A61K 38/17 (2006.01) C07K 1/107 (2006.01) C07K 1/36 (2006.01) C07K 7/06 (2006.01) C07K 17/06 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C12P 21/04 (2006.01)**

[25] EN

[54] **TRANSLOCATION OF NON-NATURAL CHEMICAL ENTITIES THROUGH ANTHRAX PROTECTIVE ANTIGEN PORE**

[54] **TRANSLOCATION D'ENTITES CHIMIQUES ARTIFICIELLES PAR UN PORE D'ANTIGENE PROTECTEUR CONTRE L'ANTHRAX**

[72] LIAO, XIAOLI, US

[72] RABIDEAU, AMY E., US

[72] PENDELUTE, BRADLEY L., US

[72] LING, JINGJING, US

[72] AKCAY, GIZEM, US

[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US

[85] 2014-11-21

[86] 2013-05-21 (PCT/US2013/042118)

[87] (WO2013/177231)

[30] US (61/649,421) 2012-05-21

[30] US (61/649,866) 2012-05-21

[21] **2,874,438**
[13] A1

[51] **Int.Cl. F04B 53/18 (2006.01) F04B 35/04 (2006.01) F04B 39/00 (2006.01)**

[25] EN

[54] **HERMETIC RECIPROCATING COMPRESSOR**

[54] **COMPRESSEUR ALTERNATIF HERMETIQUE**

[72] KIM, JUNG HYOUN, KR

[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2014-11-13

[86] 2013-05-02 (PCT/KR2013/003819)

[87] (WO2013/172578)

[30] KR (10-2012-0051306) 2012-05-15

[21] **2,874,439**
[13] A1

[51] **Int.Cl. B65G 47/26 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR SEPARATING OBJECTS**

[54] **APPAREIL ET PROCEDE POUR SEPARER DES OBJETS**

[72] STRUIJK, WIM, NL

[72] VAN DER EL, WIM, NL

[71] IG SPECIALS B.V., NL

[85] 2014-11-21

[86] 2013-05-22 (PCT/EP2013/060557)

[87] (WO2013/174893)

[30] NL (2008856) 2012-05-22

[21] **2,874,440**
[13] A1

[51] **Int.Cl. F41A 33/06 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR FIREARM RECOIL SIMULATION**

[54] **PROCEDE ET APPAREIL POUR SIMULATION DE RECOL D'ARMES A FEU**

[72] MONTI, KYLE, US

[72] MARSE, DARYL, US

[71] DEKKA TECHNOLOGIES LLC, US

[85] 2014-11-20

[86] 2013-05-22 (PCT/US2013/042142)

[87] (WO2014/028086)

[30] US (61/650,006) 2012-05-22

[30] US (13/804,429) 2013-03-14

[21] **2,874,441**
[13] A1

[51] **Int.Cl. F41C 33/06 (2006.01)**

[25] EN

[54] **CASE WITH QUICK-ACCESS WEAPON HOLDER**

[54] **MALLETTE AVEC PORTE-ARME A ACCES RAPIDE**

[72] KIRBY, DANIEL KEITH, JR., US

[71] KIRBY, DANIEL KEITH, JR., US

[85] 2014-11-20

[86] 2013-05-22 (PCT/US2013/042167)

[87] (WO2013/177250)

[30] US (61/650,266) 2012-05-22

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[21] **2,874,442**
[13] A1

[51] **Int.Cl. F01D 11/00 (2006.01) F01D 11/12 (2006.01)**
[25] EN
[54] **NOZZLE WITH EXTENDED TAB**
[54] **BUSE AVEC PATTE ETENDUE**
[72] RENDON, JACOB ROMEO, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-11-20
[86] 2013-05-22 (PCT/US2013/042259)
[87] (WO2014/031196)
[30] US (13/480,712) 2012-05-25

[21] **2,874,443**
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01) A61B 17/22 (2006.01) A61B 17/50 (2006.01) A61M 3/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **REMOTELY CONTROLLED SUCTION/IRRIGATION FOR SURGERY**
[54] **ASPIRATION/IRRIGATION TELECOMMANDEES POUR CHIRURGIE**
[72] DOUGLAS, GARY, US
[72] MARTONE, STEPHEN, US
[72] REGAN, DAVID, US
[72] SRIVASTAVA, NILENDU, US
[72] SUCHDEV, RACHANA, US
[71] VASCULAR TECHNOLOGY INC., US
[85] 2014-11-10
[86] 2012-05-11 (PCT/US2012/037516)
[87] (WO2012/158516)
[30] US (61/485,833) 2011-05-13

[21] **2,874,445**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **TETRAHYDROPYRAZOLOPYRIMIDINE COMPOUNDS**
[54] **COMPOSES TETRAHYDROPYRAZOLOPYRIMIDINES**
[72] HAWKINS, LYNN D., US
[72] BOIVIN, ROCH, US
[72] CARLSON, ERIC, US
[72] ENDO, ATSUSHI, US
[72] HANSEN, HANS, US
[72] ISHIZAKA, SALLY, US
[72] MACKEY, MATTHEW, US
[72] NARAYAN, SRIDHAR, US
[72] SATOH, TAKASHI, US
[72] SCHILLER, SHAWN, US
[71] EISAI R & D MANAGEMENT CO., LTD., JP
[85] 2014-11-20
[86] 2013-05-31 (PCT/US2013/043679)
[87] (WO2013/181579)
[30] US (61/654,023) 2012-05-31

[21] **2,874,447**
[13] A1

[51] **Int.Cl. A61B 5/08 (2006.01)**
[25] EN
[54] **SPIROMETER SYSTEM AND METHODS OF DATA ANALYSIS**
[54] **SYSTEME DE SPIROMETRE ET METHODES D'ANALYSE DE DONNEES**
[72] BRIMER, ANDREW, US
[72] COHEN, ABIGAIL, US
[72] ELIASON, BRADEN, US
[72] NEYMAN, OLGA, US
[71] SPARO LABS, US
[85] 2014-11-20
[86] 2013-05-22 (PCT/US2013/042260)
[87] (WO2013/177300)
[30] US (61/650,122) 2012-05-22
[30] US (61/732,065) 2012-11-30

[21] **2,874,448**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **A HEMOSTATIC DEVICE AND ITS METHODS OF USE**
[54] **DISPOSITIF HEMOSTATIQUE ET SES PROCEDES D'UTILISATION**
[72] PHILLIPS, VICTOR MATTHEW, US
[71] PHILLIPS MEDICAL LLC, US
[85] 2014-11-20
[86] 2013-05-31 (PCT/US2013/043681)
[87] (WO2013/188136)
[30] US (13/495,714) 2012-06-13

[21] **2,874,450**
[13] A1

[51] **Int.Cl. G01V 7/00 (2006.01) G01V 7/02 (2006.01) G01V 7/16 (2006.01)**
[25] EN
[54] **GRAVITY TRANSDUCER AND APPLICATION TO HYDROCARBON EXPLORATION**
[54] **TRANSDUCTEUR DE GRAVITE ET APPLICATION A L'EXPLORATION DES HYDROCARBURES**
[72] GUI, XIANG, CA
[72] LISZICASZ, GEORGE, CA
[71] NXT ENERGY SOLUTIONS, INC., CA
[71] FOREST, CARL A., US
[85] 2014-11-21
[86] 2013-05-22 (PCT/US2013/042315)
[87] (WO2013/177340)
[30] US (61/650,413) 2012-05-22

[21] **2,874,452**
[13] A1

[51] **Int.Cl. F17C 5/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COMPRESSING GAS USING A LIQUID**
[54] **PROCEDE ET SYSTEME DE COMPRESSION D'UN GAZ A L'AIDE D'UN LIQUIDE**
[72] CANTEMIR, CODRIN-GRUIE, US
[72] CHIARA, FABIO, US
[72] CANOVA, MARCELLO, US
[72] DURAND, JAMES, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2014-11-20
[86] 2013-05-22 (PCT/US2013/042273)
[87] (WO2013/177309)
[30] US (61/650,101) 2012-05-22

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[21] **2,874,453**
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01) A61M 29/02 (2006.01)**
[25] EN
[54] **INFLATABLE MEDICAL DEVICES**
[54] **DISPOSITIFS MEDICAUX GONFLABLES**
[72] TILSON, ALEXANDER QUILLIN, US
[72] SCHEEFF, MARK CHRISTOPHER, US
[71] LOMA VISTA MEDICAL, INC., US
[85] 2014-11-20
[86] 2013-06-06 (PCT/US2013/044561)
[87] (WO2013/184945)
[30] US (61/656,404) 2012-06-06

[21] **2,874,456**
[13] A1

[51] **Int.Cl. B65G 1/137 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR PICKING-AND-PUTTING PRODUCT**
[54] **SYSTEME, PROCEDE ET APPAREIL DE PRELEVEMENT ET PLACEMENT DE PRODUITS**
[72] AMBROSE, KEVIN, US
[71] WYNRIGHT CORPORATION, US
[85] 2014-11-20
[86] 2013-05-22 (PCT/US2013/042316)
[87] (WO2013/177341)
[30] US (61/650,366) 2012-05-22

[21] **2,874,459**
[13] A1

[51] **Int.Cl. H03K 3/00 (2006.01)**
[25] EN
[54] **DIFFERENTIAL CLOCK SIGNAL GENERATOR**
[54] **GENERATEUR DE SIGNAL D'HORLOGE DIFFERENTIEL**
[72] MILTON, DAVID W., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-11-20
[86] 2013-06-10 (PCT/US2013/044876)
[87] (WO2014/004053)
[30] US (13/534,090) 2012-06-27

[21] **2,874,455**
[13] A1

[51] **Int.Cl. A61K 31/20 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **MULTILAYER COATING FORM OF ORALLY ADMINISTERED PHARMACEUTICAL COMPOSITION CONTAINING OMEGA-3 FATTY ACID OR ALKYL ESTER THEREOF AND STATIN BASED DRUG**
[54] **FORME A ENROBAGE MULTICOUCHE DE COMPOSITION PHARMACEUTIQUE A ADMINISTRATION PAR VOIE ORALE CONTENANT UN ACIDE GRAS OMEGA-3 OU UN ESTER ALKYLIQUE DE CELUI-CI ET UN MEDICAMENT A BASE DE STATINE**
[72] CHO, JAE-PYOUNG, KR
[72] LEE, PUNG-SOK, KR
[72] LEE, SEUL-A, KR
[72] JEONG, MIN-HO, KR
[72] LEE, MASE, KR
[71] KUHNIL PHARM. CO., LTD., KR
[85] 2014-11-21
[86] 2013-05-21 (PCT/KR2013/004430)
[87] (WO2013/176455)
[30] KR (10-2012-0054351) 2012-05-22

[21] **2,874,457**
[13] A1

[51] **Int.Cl. B29C 51/16 (2006.01) B29C 51/14 (2006.01) B29C 51/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING A MOLDED ARTICLE**
[54] **PROCEDE ET APPAREIL DE PREPARATION D'UN ARTICLE MOULE**
[72] POLK, DALE E., JR., US
[71] LRM INDUSTRIES INTERNATIONAL, INC, US
[85] 2014-11-20
[86] 2013-06-08 (PCT/US2013/044854)
[87] (WO2013/185120)
[30] US (61/657,738) 2012-06-09

[21] **2,874,460**
[13] A1

[51] **Int.Cl. G07F 11/18 (2006.01) A47B 67/02 (2006.01) A61G 12/00 (2006.01) A61J 7/00 (2006.01) E05B 65/46 (2006.01) G07F 11/62 (2006.01)**
[25] EN
[54] **SINGLE-ITEM-ACCESS DRAWER**
[54] **TIROIR POUR L'ACCES A UN PRODUIT UNITAIRE**
[72] RAHILLY, MICHAEL, US
[71] CAREFUSION 303, INC., US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042524)
[87] (WO2013/181072)
[30] US (13/482,935) 2012-05-29

[21] **2,874,458**
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) H02J 17/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGING METHOD AND ELECTRONIC DEVICE**
[54] **PROCEDE DE CHARGE DE BATTERIE ET DISPOSITIF ELECTRONIQUE**
[72] KIM, HEE-TAE, KR
[72] JUNG, KU-CHUL, KR
[72] LEE, KWANG-SUB, KR
[72] JANG, SE-YOUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-11-21
[86] 2013-06-14 (PCT/KR2013/005288)
[87] (WO2013/191416)
[30] KR (10-2012-0065421) 2012-06-19

[21] **2,874,461**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **FORMULATIONS CONTAINING REVERSIBLE COVALENT COMPOUNDS**
[54] **PYRROLOPYRIMIDINES OU PYRAZOLOPYRIMIDINES COVALENTES REVERSIBLES UTILES POUR LE TRAITEMENT DU CANCER ET DE MALADIES AUTO-IMMUNES**
[72] GOLDSTEIN, DAVID MICHAEL, US
[72] BERNER, BRET, US
[71] PRINCIPIA BIOPHARMA INC., US
[85] 2014-11-20
[86] 2013-06-11 (PCT/US2013/045266)
[87] (WO2013/191965)
[30] US (61/661,203) 2012-06-18

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[21] **2,874,462**
[13] A1

[51] **Int.Cl. E01F 15/10 (2006.01) E01F 13/02 (2006.01) E01F 15/14 (2006.01)**
[25] EN
[54] **ENERGY ABSORBING APPARATUS**
[54] **DISPOSITIF D'ABSORPTION D'ENERGIE**
[72] JAMES, DALLAS REX, NZ
[71] VALMONT HIGHWAY TECHNOLOGY LIMITED, NZ
[85] 2014-11-21
[86] 2012-06-07 (PCT/NZ2012/000088)
[87] (WO2012/169907)
[30] NZ (593354) 2011-06-09

[21] **2,874,463**
[13] A1

[51] **Int.Cl. H04L 1/18 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **HARQ-ACK HANDLING FOR UNINTENDED DOWNLINK SUB-FRAMES**
[54] **TRAITEMENT DE HARQ-ACK POUR SOUS-TRAMES DE LIAISON DESCENDANTE INTEMPESTIVES**
[72] HAN, SEUNGHEE, US
[72] HE, HONG, CN
[72] FWU, JONG-KAE, US
[71] INTEL CORPORATION, US
[85] 2014-11-20
[86] 2013-06-13 (PCT/US2013/045599)
[87] (WO2014/007960)
[30] US (61/667,325) 2012-07-02
[30] US (13/721,458) 2012-12-20

[21] **2,874,464**
[13] A1

[51] **Int.Cl. A63F 3/02 (2006.01)**
[25] EN
[54] **CHESS VARIANT GAME AND METHOD**
[54] **JEU ET PROCEDE DE VARIANTE DU JEU D'ECHECS**
[72] THOMAS, ELGIN DELOME, US
[71] THOMAS, ELGIN DELOME, US
[85] 2014-11-21
[86] 2013-05-22 (PCT/US2013/042318)
[87] (WO2013/177343)
[30] US (61/688,771) 2012-05-22

[21] **2,874,465**
[13] A1

[51] **Int.Cl. F24D 11/02 (2006.01) F24D 17/02 (2006.01) F24H 4/04 (2006.01) F25B 27/00 (2006.01) F25B 30/02 (2006.01)**
[25] EN
[54] **HEATING ARRANGEMENT FOR HEATING A FLUID UTILIZING A SOLAR PANEL**
[54] **AGENCEMENT DE CHAUFFAGE PERMETTANT DE CHAUFFER UN FLUIDE GRACE A UN PANNEAU SOLAIRE**
[72] FJAESTAD, ADAM, SE
[71] SOLETAER AB, SE
[85] 2014-11-21
[86] 2013-05-21 (PCT/SE2013/050578)
[87] (WO2013/176611)
[30] SE (1250511-1) 2012-05-21

[21] **2,874,466**
[13] A1

[51] **Int.Cl. B01F 5/04 (2006.01) B01F 3/08 (2006.01) B01F 5/06 (2006.01) B01F 3/10 (2006.01)**
[25] EN
[54] **STATIC MIXER**
[54] **MELANGEUR STATIQUE**
[72] JANZ, ERIC EDWARD ANTONIO, US
[71] CHEMINEER, INC., US
[85] 2014-11-20
[86] 2013-06-14 (PCT/US2013/045770)
[87] (WO2013/188726)
[30] US (61/660,196) 2012-06-15

[21] **2,874,467**
[13] A1

[51] **Int.Cl. A22C 11/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR FOOD PRODUCT CASING REMOVAL**
[54] **PROCEDE, APPAREIL ET SYSTEME PERMETTANT UN RETRAIT D'ENVELOPPE DE PRODUIT ALIMENTAIRE**
[72] PENTELOVITCH, NOEL Z., US
[72] RANDOLPH, HENRY GEORGE, III, US
[72] WOOD, SEAN MICHAEL, US
[72] ZIMOWSKI, KRYSTIAN, US
[71] WEILER AND COMPANY, INC., US
[71] PENTELOVITCH, NOEL Z., US
[71] RANDOLPH, HENRY GEORGE, III, US
[71] WOOD, SEAN MICHAEL, US
[71] ZIMOWSKI, KRYSTIAN, US
[85] 2014-11-20
[86] 2013-06-14 (PCT/US2013/045959)
[87] (WO2013/188809)
[30] US (61/659,746) 2012-06-14

[21] **2,874,468**
[13] A1

[51] **Int.Cl. A61F 2/68 (2006.01)**
[25] EN
[54] **POWERED LOWER EXTREMITY ORTHOTIC AND METHOD OF OPERATION**
[54] **ORTHESE ELECTRIQUE D'EXTREMITE INFERIEURE ET PROCEDE DE FONCTIONNEMENT**
[72] SWIFT, TIM, US
[72] ZOSS, ADAM BRIAN, US
[72] STRAUSSER, KATHERINE, US
[72] ROSA, MATTHEW, US
[72] KAZEROONI, HOMAYOON, US
[72] FAIRBANKS, DYLAN MILLER, US
[72] PILLAI, MINERVA VASUDEVAN, US
[72] SCHWARTZ, MICLAS, DE
[72] LAMBRECHT, BRAM GILBERT ANTOON, US
[72] KRUSE, SEBASTIAN, US
[71] EKSO BIONICS, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2014-11-21
[86] 2013-05-21 (PCT/US2013/042004)
[87] (WO2014/007917)
[30] US (13/480,160) 2012-05-24

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[21] **2,874,469**
[13] A1

[51] **Int.Cl. G06F 19/10 (2011.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **PHENOTYPIC INTEGRATED SOCIAL SEARCH DATABASE AND METHOD**

[54] **BASE DE DONNEES ET PROCEDE DE RECHERCHE SOCIALE A INTEGRATION PHENOTYPIQUE**

[72] SHORT, JAY M., US
[72] BRIGGS, STEVE, US
[71] IPHENOTYPE LLC, US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042527)
[87] (WO2013/177465)
[30] US (61/650,759) 2012-05-23
[30] US (61/650,754) 2012-05-23

[21] **2,874,470**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/11 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **HAPLOTYPES ASSOCIATED WITH IMPROVED STACKED TRAIT PERFORMANCE IN TRANSGENIC PLANTS**

[54] **HAPLOTYPES ASSOCIES A UNE PERFORMANCE AMELIOREE DE CARACTERISTIQUES EMPILEES DANS DES PLANTES TRANSGENIQUES**

[72] DEVRIES GELDER, MINDY L., US
[72] FENG, PAUL, US
[72] GILSINGER, JESSE J., US
[72] HANCOCK, FLOYD G., US
[72] HUSIC, IVAN, US
[72] NARVEL, JAMES, US
[72] SCHERDER, CURTIS W., US
[72] ULBRICH, DEAN A., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042349)
[87] (WO2013/177356)
[30] US (61/650,869) 2012-05-23
[30] US (61/650,852) 2012-05-23
[30] US (61/753,725) 2013-01-17
[30] US (61/753,693) 2013-01-17
[30] US (61/779,739) 2013-03-13

[21] **2,874,471**
[13] A1

[51] **Int.Cl. C08G 63/06 (2006.01) C08G 18/10 (2006.01) C08G 69/14 (2006.01) C08G 69/26 (2006.01) C08L 75/04 (2006.01) C08L 77/06 (2006.01)**

[25] EN

[54] **ULTRA LOW DENSITY BIODEGRADABLE SHAPE MEMORY POLYMER FOAMS WITH TUNABLE PHYSICAL PROPERTIES**

[54] **MOUSSES DE POLYMERES A MEMOIRE DE FORME, BIODEGRADABLES, A ULTRA-BASSE DENSITE, AYANT DES PROPRIETES PHYSIQUES ADAPTABLES**

[72] SINGHAL, POOJA, US
[72] WILSON, THOMAS S., US
[72] COSGRIF-HERNANDEZ, ELIZABETH, US
[72] MAITLAND, DUNCAN J., US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2014-11-21
[86] 2013-05-20 (PCT/US2013/041894)
[87] (WO2013/177081)
[30] US (61/651,447) 2012-05-24
[30] US (13/797,631) 2013-03-12

[21] **2,874,472**
[13] A1

[51] **Int.Cl. C09J 11/00 (2006.01) C09J 4/00 (2006.01) C09J 123/00 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING FLOWABLE AMORPHOUS POLY-ALPHA OLEFIN ADHESIVE PELLETS**

[54] **PROCEDE POUR PREPARER DES GRANULES D'ADHESIF DE POLY-ALPHA-OLEFINE AMORPHES FLUIDES**

[72] DESAI, DARSHAK, US
[72] HU, YUHONG, US
[72] GASPAR, KEN, US
[72] HANTWERKER, ED, US
[71] HENKEL US IP LLC, US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042396)
[87] (WO2013/177382)
[30] US (61/651,197) 2012-05-24

[21] **2,874,473**
[13] A1

[51] **Int.Cl. F01K 7/32 (2006.01) F01K 25/06 (2006.01) F01K 25/08 (2006.01) F02G 5/04 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR UTILIZING THE WASTE HEAT OF AN INTERNAL COMBUSTION ENGINE, IN PARTICULAR FOR UTILIZING THE WASTE HEAT OF A VEHICLE ENGINE**

[54] **DISPOSITIF ET PROCEDE PERMETTANT DE RECUPERER LA CHALEUR DEGAGEE PAR UN MOTEUR A COMBUSTION INTERNE, EN PARTICULIER DE RECUPERER LA CHALEUR DEGAGEE PAR LE MOTEUR D'UN VEHICULE**

[72] MITRI, MIKHAEL, DE
[72] VON LAVANTE, ALENA, DE
[71] MITRI, MIKHAEL, DE
[71] VON LAVANTE, ALENA, DE
[85] 2014-11-12
[86] 2012-11-30 (PCT/EP2012/004963)
[87] (WO2013/079218)
[30] DE (10 2011 119 977.6) 2011-12-02

[21] **2,874,474**
[13] A1

[51] **Int.Cl. A61K 31/40 (2006.01) A61P 17/02 (2006.01) A61P 17/10 (2006.01) A61P 17/12 (2006.01) A61P 17/16 (2006.01)**

[25] FR

[54] **OIL/WATER-EMULSION-TYPE TOPICAL COMPOSITIONS CONTAINING A RETINOID**

[54] **COMPOSITIONS TOPIQUES, CONTENANT UN RETINOIDE, DE TYPE EMULSION HUILE DANS EAU**

[72] DUPRAT, AGNES, FR
[72] MALLARD, CLAIRE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2014-11-21
[86] 2013-05-30 (PCT/EP2013/061201)
[87] (WO2013/178760)
[30] FR (1255094) 2012-06-01
[30] US (61/654,729) 2012-06-01

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[21] **2,874,475**
[13] A1

[51] **Int.Cl. H04B 7/26 (2006.01) H04W 52/02 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD TO EFFICIENTLY SEND DEVICE TRIGGER MESSAGES**
[54] **APPAREIL ET PROCEDE POUR LA TRANSMISSION EFFICACE DE MESSAGES DE DECLenchement DE DISPOSITIF**
[72] JAIN, PUNEET, US
[72] RAO, VARUN, US
[72] SHAN, CHANG HONG, CN
[72] VENKATACHALAM, MUTHAIAH, US
[71] INTEL CORPORATION, US
[85] 2014-11-20
[86] 2013-06-19 (PCT/US2013/046564)
[87] (WO2014/007990)
[30] US (61/667,325) 2012-07-02
[30] US (13/755,166) 2013-01-31

[21] **2,874,476**
[13] A1

[51] **Int.Cl. A61B 17/86 (2006.01)**
[25] EN
[54] **CORTICAL BONE PIN**
[54] **TIGE OSSEUSE CORTICALE**
[72] CHEN, JINGSONG, US
[72] SANDER, THOMAS, US
[72] PHELPS, DENNIS L., US
[72] PRITCHARD, ANDY, US
[72] BRACONE, ROBERTO, US
[71] LIFENET HEALTH, US
[85] 2014-11-21
[86] 2013-05-22 (PCT/US2013/042170)
[87] (WO2013/177252)
[30] US (61/650,364) 2012-05-22

[21] **2,874,477**
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 23/04 (2006.01)**
[25] EN
[54] **DOWNHOLE APPARATUS**
[54] **APPAREIL DE FOND DE TROU**
[72] CHURCHILL, ANDREW PHILIP, GB
[71] CHURCHILL DRILLING TOOLS LIMITED, GB
[85] 2014-11-21
[86] 2013-05-20 (PCT/GB2013/051302)
[87] (WO2013/175189)
[30] GB (1209012.2) 2012-05-22

[21] **2,874,478**
[13] A1

[51] **Int.Cl. A01H 7/00 (2006.01)**
[25] EN
[54] **METHODS FOR SEPARATING PLANT GERMINANTS FROM GELLED MEDIA**
[54] **PROCEDES POUR SEPARER DES GERMINATS DE PLANTE DE MILIEUX GELIFIES**
[72] JAMRUSZKA-LEWIS, AMY M., US
[71] WEYERHAEUSER NR COMPANY, US
[85] 2014-11-20
[86] 2013-06-25 (PCT/US2013/047673)
[87] (WO2014/004548)
[30] US (61/665,133) 2012-06-27

[21] **2,874,479**
[13] A1

[51] **Int.Cl. A01C 1/06 (2006.01)**
[25] EN
[54] **METHODS OF TRANSFERRING PLANT EMBRYOS TO GERMINATION MEDIUM**
[54] **PROCEDES DE TRANSFERT D'EMBRYONS DE PLANTE VERS UN MILIEU DE GERMINATION**
[72] JAMRUSZKA-LEWIS, AMY M., US
[72] STARR, ROBERT A., US
[71] WEYERHAEUSER NR COMPANY, US
[85] 2014-11-20
[86] 2013-06-25 (PCT/US2013/047680)
[87] (WO2014/025469)
[30] US (61/665,178) 2012-06-27

[21] **2,874,480**
[13] A1

[51] **Int.Cl. C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODULATING APOLIPOPROTEIN(A) EXPRESSION**
[54] **PROCEDES ET COMPOSITIONS DE MODULATION DE L'EXPRESSION DE L'APOLIPOPROTEINE(A)**
[72] CROOKE, ROSANNE M., US
[72] GRAHAM, MARK J., US
[72] FREIER, SUSAN M., US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042532)
[87] (WO2013/177468)
[30] US (61/651,539) 2012-05-24

[21] **2,874,481**
[13] A1

[51] **Int.Cl. C08L 67/04 (2006.01) A61B 17/06 (2006.01) A61L 17/12 (2006.01)**
[25] EN
[54] **MECHANICALLY STRONG BIOABSORBABLE TELECHELIC POLYMERIC COMPOSITIONS OF PRECISELY CONTROLLABLE ABSORPTION RATES, PROCESSING METHODS, AND PRODUCTS THEREFROM**
[54] **COMPOSITIONS DE MELANGES DE POLYMERES ABSORBABLES MECANIQUEMENT RESISTANTES PRESENTANT DES TAUX D'ABSORPTION CONTROLABLES DE MANIERE PRECISE, PROCEDES DE TRAITEMENT, ET PRODUITS OBTENUS A PARTIR DE CELLE-CI**
[72] ERNETA, MODESTO, US
[72] STEIGER, DANIEL, US
[72] JAMIOLKOWSKI, DENNIS D., US
[71] ETHICON, INC., US
[85] 2014-11-21
[86] 2013-05-22 (PCT/US2013/042132)
[87] (WO2013/177236)
[30] US (61/651,353) 2012-05-24
[30] US (13/833,690) 2013-03-15

[21] **2,874,483**
[13] A1

[51] **Int.Cl. C12N 5/0789 (2010.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING MOBILIZATION AND PROLIFERATION OF BLASTOMERE-LIKE STEM CELLS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ACCROITRE LA MOBILISATION ET LA PROLIFERATION DES CELLULES SOUCHES SIMILAIRES AU BLASTOMERE**
[72] DRAPEAU, CHRISTIAN, US
[71] STEMTECH INTERNATIONAL, INC., US
[85] 2014-11-20
[86] 2013-07-10 (PCT/US2013/049897)
[87] (WO2014/011752)
[30] US (61/670,253) 2012-07-11

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[21] **2,874,485**
[13] A1

[51] **Int.Cl. A01B 33/06 (2006.01)**
[25] EN
[54] **VERTICAL TINE TILLER**
[54] **ROTOCULTEUR A DENTS DROITES**
[72] OBRZUT, TIMOTHY M., US
[72] CRAWFORD, PAUL A., US
[72] COLBRUN, EDWARD, US
[72] MCGINNIS, GREGORY T., US
[71] MTD PRODUCTS INC, US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042438)
[87] (WO2013/177406)
[30] US (61/650,733) 2012-05-23

[21] **2,874,486**
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **MURINE ANTI-NY-ESO-1 T CELL RECEPTORS**
[54] **RECEPTEURS MURINS DES LYMPHOCYTES T ANTI-NY-ESO-1**
[72] PARKHURST, MARIA R., US
[72] MORGAN, RICHARD A., US
[72] ROSENBERG, STEVEN A., US
[72] ROSATI, SHANNON FAITH, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2014-11-21
[86] 2013-05-22 (PCT/US2013/042162)
[87] (WO2013/177247)
[30] US (61/650,020) 2012-05-22

[21] **2,874,487**
[13] A1

[51] **Int.Cl. G02B 6/46 (2006.01) G02B 6/36 (2006.01)**
[25] EN
[54] **SPLICE CASSETTES AND CHIPS**
[54] **CASSETTES ET PUCES D'EPISSURE**
[72] RUDENICK, PAULA, US
[72] SIEVERS, SCOTT C., US
[72] SAUCEDO GAYTAN, RAUL MARIO, MX
[72] SCHAIBLE, GREGORY J., US
[72] BRAN DE LEON, OSCAR FERNANDO, US
[72] HOLMBERG, MATTHEW J., US
[72] SZKARK, ROBERT, US
[72] THOMPSON, PATRICK J., US
[72] CANO, GUSTAVO, MX
[71] ADC TELECOMMUNICATIONS, INC., US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042446)
[87] (WO2013/177409)
[30] US (61/651,897) 2012-05-25

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[13] A1

[51] **Int.Cl. C07K 16/40 (2006.01)**
[25] EN
[54] **ANTI-TRANSGLUTAMINASE 2 ANTIBODIES**
[54] **ANTICORPS ANTI-TRANSGLUTAMINASE 2**
[72] JOHNSON, TIM, GB
[72] WATSON, PHIL, GB
[72] MATTHEWS, DAVID, GB
[72] BROWN, ALEX, GB
[71] MEDICAL RESEARCH COUNCIL TECHNOLOGY, GB
[85] 2014-11-21
[86] 2013-05-24 (PCT/GB2013/051373)
[87] (WO2013/175229)
[30] GB (1209096.5) 2012-05-24

[21] **2,874,489**
[13] A1

[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IDENTIFYING AND REMOVING MALICIOUS APPLICATIONS**
[54] **PROCEDES ET APPAREIL POUR IDENTIFIER ET SUPPRIMER DES APPLICATIONS MALVEILLANTES**
[72] FORD, DAVID K., US
[71] SUNSTONE INFORMATION DEFENSE INC., US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040394)
[87] (WO2013/170064)
[30] US (61/644,779) 2012-05-09

[21] **2,874,490**
[13] A1

[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/14 (2006.01) A61K 47/18 (2006.01) A61K 47/44 (2006.01)**
[25] EN
[54] **LIPID NANOPARTICLE COMPOSITIONS AND METHODS OF MAKING AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS DE NANOPARTICULES LIPIDIQUES AINSI QUE PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] LEE, ROBERT J., US
[71] THE OHIO STATE UNIVERSITY, US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042458)
[87] (WO2013/177419)
[30] US (61/650,729) 2012-05-23
[30] US (61/784,892) 2013-03-14

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[21] **2,874,491**
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01) A61H 1/02 (2006.01) A61N 1/04 (2006.01) A61N 1/32 (2006.01) A63B 23/08 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PROVIDING ELECTRICAL STIMULATION TO A SUBJECT**

[54] **APPAREIL ET PROCEDE DE FOURNITURE D'UNE STIMULATION ELECTRIQUE A UN SUJET**

[72] SUMNERS, DAVID PAUL, GB

[72] MILEVA, KATYA NIKOLOVA, GB

[71] ACTEGY LIMITED, GB

[85] 2014-11-24

[86] 2012-08-13 (PCT/GB2012/000657)

[87] (WO2013/024241)

[30] GB (1113937.5) 2011-08-12

[21] **2,874,492**
[13] A1

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

[25] EN

[54] **NANO46 GENES AND METHODS TO PREDICT BREAST CANCER OUTCOME**

[54] **GENES NANO-46 ET PROCEDES DE PREDICTION DE L'EVOLUTION DU CANCER DU SEIN**

[72] FERREE, SEAN M., US

[72] PARKER, JOEL S., US

[72] STORHOFF, JAMES JUSTIN, US

[72] PEROU, CHARLES M., US

[72] ELLIS, MATTHEW J., US

[72] BERNARD, PHILIP S., US

[72] NIELSEN, TORSTEN O., CA

[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA

[71] NANOSTRING TECHNOLOGIES, INC., US

[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US

[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US

[71] WASHINGTON UNIVERSITY, US

[85] 2014-11-21

[86] 2013-05-22 (PCT/US2013/042157)

[87] (WO2013/177245)

[30] US (61/650,209) 2012-05-22

[30] US (61/753,673) 2013-01-17

[21] **2,874,493**
[13] A1

[51] **Int.Cl. F17D 1/17 (2006.01) C10G 2/00 (2006.01)**

[25] EN

[54] **FISCHER-TROPSCH DERIVED HEAVY HYDROCARBON DILUENT**

[54] **DILUANT D'HYDROCARBURE LOURD DERIVE DE FISCHER-TROPSCH**

[72] SWART, ANDRE, US

[72] KRETT, JERRY JOSEPH, CA

[72] ESTERHUYSE, NICO, ZA

[71] SASOL TECHNOLOGY (PTY) LTD, ZA

[85] 2014-11-21

[86] 2013-05-21 (PCT/ZA2013/000036)

[87] (WO2013/177601)

[30] ZA (2012/03725) 2012-05-22

[21] **2,874,494**
[13] A1

[51] **Int.Cl. G07F 7/08 (2006.01)**

[25] EN

[54] **PAYMENT UNIT, SYSTEM AND METHOD**

[54] **UNITE, SYSTEME ET PROCEDE DE PAIEMENT**

[72] JARMAN, CHRISTOPHER WHITLAND, GB

[72] TAYLOR, NICHOLAS KIM, GB

[71] VANCLARE SE LLC, US

[85] 2014-11-24

[86] 2013-05-24 (PCT/GB2013/051374)

[87] (WO2013/175230)

[30] GB (1209232.6) 2012-05-25

[21] **2,874,495**
[13] A1

[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/14 (2006.01) A61K 47/42 (2006.01)**

[25] EN

[54] **LIPID-COATED ALBUMIN NANOPARTICLE COMPOSITIONS AND METHODS OF MAKING AND METHODS OF USING THE SAME**

[54] **COMPOSITIONS DE NANOPARTICULES D'ALBUMINE A REVETEMENT LIPIDIQUE AINSI QUE PROCEDES DE FABRICATION ET PROCEDE D'UTILISATION DE CELLES-CI**

[72] LEE, ROBERT J., US

[71] THE OHIO STATE UNIVERSITY, US

[85] 2014-11-21

[86] 2013-05-23 (PCT/US2013/042461)

[87] (WO2013/177421)

[30] US (61/650,729) 2012-05-23

[30] US (61/784,892) 2013-03-14

[21] **2,874,496**
[13] A1

[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/02 (2006.01) A61K 8/60 (2006.01) A61K 8/97 (2006.01) A61Q 19/10 (2006.01) C11D 9/26 (2006.01) C11D 9/38 (2006.01) C11D 13/26 (2006.01)**

[25] EN

[54] **COMPOSITION**

[54] **COMPOSITION**

[72] CONSTANTINE, MARK, GB

[72] CONSTANTINE, MARGARET JOAN, GB

[72] AMBROSEN, HELEN ELIZABETH, GB

[71] COSMETIC WARRIORS LIMITED, GB

[85] 2014-11-21

[86] 2013-06-27 (PCT/GB2013/051700)

[87] (WO2014/001806)

[30] GB (1211531.7) 2012-06-29

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[13] A1

[51] **Int.Cl. C12P 7/56 (2006.01) C12P 7/42 (2006.01) C12P 41/00 (2006.01)**

[25] EN

[54] **LACTATE PRODUCTION PROCESS**

[54] **PROCEDE DE PRODUCTION DE LACTATE**

[72] MARSHALL, EDWARD LESLIE, GB

[72] KEASEY, ALAN, GB

[72] SUTTON, DAVID MARK, GB

[71] PLAXICA LIMITED, GB

[85] 2014-11-24

[86] 2013-06-10 (PCT/GB2013/051515)

[87] (WO2013/186540)

[30] GB (1210275.2) 2012-06-11

[30] GB (1300219.1) 2013-01-07

[21] **2,874,498**
[13] A1

[51] **Int.Cl. B32B 3/26 (2006.01) B29C 65/02 (2006.01) B32B 5/32 (2006.01)**

[25] EN

[54] **LAMINATED FOAM PRODUCT AND METHODS FOR MAKING LAMINATED FOAM PRODUCTS**

[54] **PRODUIT EN MOUSSE STRATIFIE ET PROCEDES DE FABRICATION DE PRODUITS EN MOUSSE STRATIFIES**

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

[72] VAN SLOUN, JEFFREY J., US

[72] ANNAN, NIKOI, US

[72] LOH, ROLAND R., US

[72] LIGHTLE, RODGER D., US

[72] HETTLER, NEIL ROBERT, US

[72] QI, WEIGANG, US

[72] KUNKLER, WILLIAM ANTHONY, US

[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US

[85] 2014-11-21

[86] 2013-05-22 (PCT/US2013/042207)

[87] (WO2013/177271)

[30] US (61/650,248) 2012-05-22

[21] **2,874,499**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **METHODS OF DETECTING CHLAMYDIA AND GONORRHEA AND OF SCREENING FOR INFECTION/INFLAMMATION BASED ON GENOMIC COPY NUMBER**

[54] **PROCEDES DE DETECTION DE CHLAMYDIA ET GONORRHEE ET DE DEPISTAGE D'INFECTION/INFLAMMATION EN FONCTION DU NOMBRE DE COPIES GENOMIQUES**

[72] WEIR, ALFHOUS, US

[72] PERSING, DAVID, US

[72] HIGUCHI, RUSSELL, US

[72] WANG, JAMES, US

[72] VANATTA, REUEL, US

[72] MURRAY, WILLIAM E., US

[71] CEPHEID, US

[85] 2014-11-21

[86] 2013-05-22 (PCT/US2013/042300)

[87] (WO2013/177329)

[30] US (61/650,969) 2012-05-23

[30] US (61/651,525) 2012-05-24

[30] US (61/704,352) 2012-09-21

[21] **2,874,500**
[13] A1

[51] **Int.Cl. B32B 27/32 (2006.01)**

[25] EN

[54] **CAST SILAGE FILM WITH ENHANCED CLING PROPERTIES**

[54] **FILM D'ENSILAGE COULE PRESENTANT DES PROPRIETES D'AUTO-ADHERENCE AMELIOREES**

[72] MANRIQUE, ANTONIO, ES

[72] MAYER, ANDREAS, CH

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2014-11-20

[86] 2013-05-24 (PCT/US2013/042586)

[87] (WO2013/181085)

[30] EP (12382213.2) 2012-05-28

[21] **2,874,501**
[13] A1

[51] **Int.Cl. A01N 1/02 (2006.01)**

[25] EN

[54] **SMALL MOLECULE ICE RECRYSTALLIZATION INHIBITORS AND METHODS OF USE THEREOF**

[54] **INHIBITEURS DE RECRISTALLISATION DE GLACE A PETITES MOLECULES ET PROCEDES D'UTILISATION ASSOCIES**

[72] BEN, ROBERT N., CA

[72] CAPICCIOTTI, CHANTELLE J., CA

[71] THE UNIVERSITY OF OTTAWA, CA

[85] 2014-11-21

[86] 2013-05-24 (PCT/IB2013/001043)

[87] (WO2013/175299)

[30] US (61/651,405) 2012-05-24

[21] **2,874,502**
[13] A1

[51] **Int.Cl. A01N 31/02 (2006.01) A01N 33/12 (2006.01) A01N 59/16 (2006.01)**

[25] EN

[54] **AQUEOUS ALCOHOLIC MICROBICIDAL COMPOSITIONS COMPRISING ZINC IONS**

[54] **COMPOSITIONS MICROBICIDES ALCOOLIQUES AQUEUSES COMPRENANT DES IONS ZINC**

[72] IJAZ, MOHAMMAD KHALID, US

[72] ZHU, YUN-PENG, US

[71] RECKITT BENCKISER LLC, US

[85] 2014-11-24

[86] 2013-06-28 (PCT/GB2013/051721)

[87] (WO2014/006380)

[30] GB (1211688.5) 2012-07-02

[30] US (61/731,895) 2012-11-30

PCT Applications Entering the National Phase

[21] **2,874,503**
[13] A1

[51] **Int.Cl. G07B 15/00 (2011.01) G07C 5/00 (2006.01)**

[25] EN

[54] **RENTAL/CAR-SHARE VEHICLE ACCESS AND MANAGEMENT SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'ACCES ET DE GESTION DE VEHICULE DE LOCATION/PARTAGE**

[72] JEFFERIES, JAMES E., US

[72] DEMAY, ROD W., US

[72] LACHINYAN, GURGEN L., US

[71] ENTERPRISE HOLDINGS, INC., US

[85] 2014-11-21

[86] 2013-05-22 (PCT/US2013/042305)

[87] (WO2013/177331)

[30] US (61/650,483) 2012-05-23

[30] US (13/830,754) 2013-03-14

[21] **2,874,504**
[13] A1

[51] **Int.Cl. G05D 11/13 (2006.01) B01F 3/02 (2006.01)**

[25] EN

[54] **METHOD OF, AND APPARATUS FOR, PROVIDING A GAS MIXTURE**

[54] **PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN MELANGE GAZEUX**

[72] DOWNIE, NEIL ALEXANDER, GB

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/EP2013/060686)

[87] (WO2013/174954)

[30] EP (12169384.0) 2012-05-24

[21] **2,874,505**
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 33/80 (2006.01)**

[25] EN

[54] **CAPILLARY NETWORK DEVICES AND METHODS OF USE**

[54] **DISPOSITIFS A RESEAU CAPILLAIRE ET LEURS PROCEDES D'UTILISATION**

[72] YOSHIDA, TATSURO, US

[72] SHEVKOPLYAS, SERGEY S., US

[72] BURNS, JENNIE M., US

[71] NEW HEALTH SCIENCES, INC., US

[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US

[85] 2014-11-21

[86] 2013-05-22 (PCT/US2013/042314)

[87] (WO2013/177339)

[30] US (61/650,283) 2012-05-22

[21] **2,874,507**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) A61K 45/00 (2006.01) A61P 5/50 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **DIABETES BIOMARKERS**

[54] **BIOMARQUEURS DU DIABETE**

[72] ORBAN, TIHAMER, US

[71] ORBAN BIOTECH LLC, US

[85] 2014-11-21

[86] 2013-05-24 (PCT/US2013/042627)

[87] (WO2013/177505)

[30] US (61/651,144) 2012-05-24

[21] **2,874,508**
[13] A1

[51] **Int.Cl. A01N 31/02 (2006.01) A01N 33/12 (2006.01) A01N 59/16 (2006.01) A01P 1/00 (2006.01)**

[25] EN

[54] **AQUEOUS ALCOHOLIC MICROBICIDAL COMPOSITIONS COMPRISING ZINC IONS**

[54] **COMPOSITIONS MICROBICIDES ALCOOLIQUES AQUEUSES COMPRENANT DES IONS ZINC**

[72] IJAZ, MOHAMMAD KHALID, US

[72] ZHU, YUN-PENG, US

[71] RECKITT BENCKISER LLC, US

[85] 2014-11-24

[86] 2013-06-28 (PCT/GB2013/051724)

[87] (WO2014/006382)

[30] GB (1211701.6) 2012-07-02

[30] US (61/731,940) 2012-11-30

[21] **2,874,509**
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/02 (2006.01)**

[25] EN

[54] **APPARATUSES AND METHODS FOR NEGATIVE PRESSURE WOUND THERAPY**

[54] **APPAREILS ET PROCEDES POUR UNE THERAPIE DE PLAIE PAR PRESSION NEGATIVE**

[72] ALLEN, JULIE, GB

[72] ASKEM, BEN ALAN, GB

[72] COLLINSON, SARAH JENNY, GB

[72] GOWANS, PHILIP, GB

[72] MEHTA, STEVEN CARL, GB

[72] NICOLINI, DEREK, GB

[72] ZAGRABSKI, CAROL, US

[71] SMITH & NEPHEW PLC, GB

[85] 2014-11-21

[86] 2013-05-22 (PCT/IB2013/001469)

[87] (WO2013/175306)

[30] US (61/650,904) 2012-05-23

[30] US (61/785,927) 2013-03-14

[21] **2,874,511**
[13] A1

[51] **Int.Cl. G01F 1/78 (2006.01) G01F 15/00 (2006.01) G05D 7/06 (2006.01)**

[25] EN

[54] **METHOD OF, AND APPARATUS FOR, REGULATING THE MASS FLOW RATE OF A GAS**

[54] **PROCEDE ET APPAREIL DE REGULATION DU DEBIT MASSIQUE D'UN GAZ**

[72] DOWNIE, NEIL ALEXANDER, GB

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/EP2013/060687)

[87] (WO2013/174955)

[30] EP (12169385.7) 2012-05-24

Demandes PCT entrant en phase nationale

[21] **2,874,512**
[13] A1

[51] **Int.Cl. A61K 31/433 (2006.01) A61K 31/18 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **A METHOD OF WEIGHT REDUCTION**

[54] **PROCEDE DE DIMINUTION DE POIDS**

[72] WALDER, KEN, AU

[72] KRIPPNER, GUY, AU

[72] NICHOLSON, GEOFF, AU

[71] VERVA PHARMACEUTICALS LTD, AU

[85] 2014-11-24

[86] 2013-03-15 (PCT/AU2013/000259)

[87] (WO2013/173858)

[30] US (61/651,335) 2012-05-24

[21] **2,874,515**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **ANTI-TUMOUR IMMUNE RESPONSES TO MODIFIED SELF-EPITOPES**

[54] **REPONSE ANTI-TUMORALE VIS-A-VIS D'AUTO-EPITOPES MODIFIES**

[72] DURRANT, LINDA GILLIAN, GB

[72] BRENTVILLE, VICTORIA ANNE, GB

[72] METHERINGHAM, RACHEL LOUISE, GB

[71] SCANCELL LIMITED, GB

[85] 2014-11-24

[86] 2013-08-07 (PCT/GB2013/052109)

[87] (WO2014/023957)

[30] GB (1214007.5) 2012-08-07

[21] **2,874,517**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) A61C 19/00 (2006.01)**

[25] EN

[54] **COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR ASSEMBLING A MEDICAL TREATMENT PLAN**

[54] **SYSTEME ET PROCEDE MIS EN ŒUVRE PAR ORDINATEUR POUR ELABORER UN PLAN DE TRAITEMENT MEDICAL**

[72] DI BATTISTA, PIETRO, CA

[71] 8201935 CANADA INC., CA

[85] 2014-11-24

[86] 2013-03-15 (PCT/CA2013/000256)

[87] (WO2013/173903)

[30] US (61/652,041) 2012-05-25

[21] **2,874,513**
[13] A1

[51] **Int.Cl. A61K 31/433 (2006.01) A61P 1/16 (2006.01)**

[25] EN

[54] **A METHOD OF IMPROVING LIVER FUNCTION**

[54] **PROCEDE D'AMELIORATION DE LA FONCTION HEPATIQUE**

[72] WALDER, KEN, AU

[72] KRIPPNER, GUY, AU

[72] NICHOLSON, GEOFF, AU

[71] VERVA PHARMACEUTICALS LTD, AU

[85] 2014-11-24

[86] 2013-03-15 (PCT/AU2013/000265)

[87] (WO2013/173859)

[30] US (61/651,335) 2012-05-24

[30] US (61/666,574) 2012-06-29

[21] **2,874,516**
[13] A1

[51] **Int.Cl. G01N 9/00 (2006.01) F17C 13/02 (2006.01) G01N 29/036 (2006.01) G01N 29/22 (2006.01)**

[25] EN

[54] **METHOD OF, AND APPARATUS FOR, MEASURING THE TRUE CONTENTS OF A CYLINDER OF GAS UNDER PRESSURE**

[54] **PROCEDE ET APPAREIL POUR MESURER LE CONTENU REEL D'UNE BONBONNE DE GAZ SOUS PRESSION**

[72] DOWNIE, NEIL ALEXANDER, GB

[72] LUDIK, CLAYTON MATHEW, GB

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/EP2013/060689)

[87] (WO2013/174957)

[30] EP (12169387.3) 2012-05-24

[21] **2,874,518**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **MICROBEAD AGGLUTINATION BASED ASSAYS**

[54] **DOSAGES SUR LA BASE DE L'AGGLUTINATION DE MICROBILLES**

[72] CASTRO SIGNORET, DAVID AGUSTIN, SA

[72] FOULDS, IAN G., SA

[72] KODZIUS, RIMANTAS, SA

[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA

[85] 2014-11-21

[86] 2013-05-23 (PCT/IB2013/001846)

[87] (WO2013/175318)

[30] US (61/650,768) 2012-05-23

[30] US (61/654,861) 2012-06-02

[21] **2,874,514**
[13] A1

[51] **Int.Cl. G01F 1/36 (2006.01) G01F 1/78 (2006.01)**

[25] EN

[54] **METHOD OF, AND APPARATUS FOR, MEASURING THE MASS FLOW RATE OF A GAS**

[54] **PROCEDE ET APPAREIL DE MESURE DU DEBIT MASSIQUE D'UN GAZ**

[72] DOWNIE, NEIL ALEXANDER, GB

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/EP2013/060688)

[87] (WO2013/174956)

[30] EP (12169386.5) 2012-05-24

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[21] **2,874,519**
[13] A1

[51] **Int.Cl. G05D 11/13 (2006.01) B01F 3/02 (2006.01)**
[25] EN
[54] **METHOD OF, AND APPARATUS FOR, PROVIDING A GAS MIXTURE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN MELANGE GAZEUX**
[72] DOWNIE, NEIL ALEXANDER, GB
[72] LEE, THOMAS DAVID MATTHEW, GB
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2014-11-24
[86] 2013-05-23 (PCT/EP2013/060692)
[87] (WO2013/174960)
[30] EP (12169396.4) 2012-05-24

[21] **2,874,520**
[13] A1

[51] **Int.Cl. F16H 61/10 (2006.01) F16H 61/08 (2006.01)**
[25] EN
[54] **SHIFT CONTROL DEVICE FOR AUTOMATIC TRANSMISSION**
[54] **DISPOSITIF DE COMMANDE DE CHANGEMENT DE VITESSE POUR BOITE DE VITESSES AUTOMATIQUE**
[72] INAGAWA, YASUSHI, JP
[72] SAITO, YOSHIHARU, DE
[72] KARGER, CHRISTOPH, DE
[71] HONDA MOTOR CO., LTD., JP
[85] 2014-11-21
[86] 2013-04-12 (PCT/JP2013/061056)
[87] (WO2013/183362)
[30] JP (2012-130298) 2012-06-07

[21] **2,874,521**
[13] A1

[51] **Int.Cl. C12Q 1/34 (2006.01)**
[25] EN
[54] **TARGETING THE GLUTAMINE TO PYRUVATE PATHWAY FOR TREATMENT OF ONCOGENIC KRAS-ASSOCIATED CANCER**
[54] **CIBLAGE DE LA VOIE ALLANT DE LA GLUTAMINE AU PYRUVATE POUR TRAITER UN CANCER ASSOCIE A L'ONCOGENE KRAS**
[72] KIMMELMAN, ALEC, US
[72] SON, JAEKYOUNG, US
[72] CANTLEY, LEWIS, US
[72] LYSSIOTIS, COSTAS A., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042468)
[87] (WO2013/177426)
[30] US (61/651,213) 2012-05-24

[21] **2,874,522**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **BRASSICA GENOMIC ASSAYS**
[54] **DOSAGES GENOMIQUES DE BRASSICA**
[72] HARMON, MATTHEW CURTIS, US
[72] HENDERSON, NANCY L., US
[72] ZHONG, CATHY XIAOYAN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042470)
[87] (WO2013/177427)
[30] US (61/650,623) 2012-05-23
[30] US (61/777,108) 2013-03-12

[21] **2,874,523**
[13] A1

[51] **Int.Cl. B60K 37/00 (2006.01) B60H 1/00 (2006.01)**
[25] EN
[54] **IN-VEHICLE APPARATUS MOUNTING UNIT**
[54] **UNITE DE MONTAGE D'APPAREIL MONTE SUR VEHICULE**
[72] KAWAMOTO, YUJI, JP
[72] OZEKI, KOJI, JP
[72] SHIGEYAMA, SHIGEO, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[71] KABUSHIKI KAISHA TOKAI RIKI DENKI SEISAKUSHO, JP
[85] 2014-11-21
[86] 2013-05-14 (PCT/JP2013/063412)
[87] (WO2013/179889)
[30] JP (2012-125945) 2012-06-01

[21] **2,874,524**
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01) H02G 15/013 (2006.01)**
[25] EN
[54] **CABLE PORT ASSEMBLIES FOR TELECOMMUNICATIONS ENCLOSURE**
[54] **SYSTEMES DE PORTS DE CABLES POUR ENCEINTE DE TELECOMMUNICATIONS**
[72] CLAESSENS, BART MATTIE, BE
[72] KEMPENEERS, DIRK, BE
[72] FOULON, WOUTER, BE
[71] TYCO ELECTRONICS RAYCHEM BVBA, BE
[85] 2014-11-24
[86] 2013-05-24 (PCT/EP2013/060775)
[87] (WO2013/174992)
[30] US (61/651,884) 2012-05-25
[30] US (61/800,751) 2013-03-15

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,874,525 [13] A1</p> <p>[51] Int.Cl. E06B 3/66 (2006.01) E06B 3/663 (2006.01) E06B 3/677 (2006.01)</p> <p>[25] EN</p> <p>[54] GLAZING PANEL COMPRISING GLASS SHEETS LINKED TOGETHER VIA SPACERS AND CORRESPONDING PRODUCTION METHOD</p> <p>[54] PANNEAU DE VITRAGE COMPRENANT DES FEUILLES DE VERRE ASSOCIEES ENSEMBLE PAR L'INTERMEDIAIRE D'ESPACEMENTS ET PROCEDE DE FABRICATION CORRESPONDANTS</p> <p>[72] BOUESNARD, OLIVIER, BE</p> <p>[72] CLOSSET, FRANCOIS, BE</p> <p>[72] DREUX, PRISCILLE, FR</p> <p>[71] AGC GLASS EUROPE, BE</p> <p>[85] 2014-11-24</p> <p>[86] 2013-05-24 (PCT/EP2013/060779)</p> <p>[87] (WO2013/174994)</p> <p>[30] BE (BE 2012/0357) 2012-05-25</p>	<p style="text-align: center;">[21] 2,874,527 [13] A1</p> <p>[51] Int.Cl. C08L 89/06 (2006.01) A61L 27/24 (2006.01) B32B 5/32 (2006.01) B32B 37/24 (2006.01) C08J 9/228 (2006.01) C12N 5/02 (2006.01)</p> <p>[25] EN</p> <p>[54] COLLAGENOUS FOAM MATERIALS</p> <p>[54] MATERIAUX EN MOUSSE COLLAGENE</p> <p>[72] FLYNN, LAUREN E., CA</p> <p>[72] YU, CLAIRE, CA</p> <p>[71] QUEEN'S UNIVERSITY AT KINGSTON, CA</p> <p>[85] 2014-11-24</p> <p>[86] 2013-05-16 (PCT/CA2013/000493)</p> <p>[87] (WO2013/173906)</p> <p>[30] US (61/651,837) 2012-05-25</p> <p>[30] US (61/785,683) 2013-03-14</p>	<p style="text-align: center;">[21] 2,874,529 [13] A1</p> <p>[51] Int.Cl. B60C 7/00 (2006.01) B60B 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AN AIRLESS TYRE FOR VEHICLES</p> <p>[54] PNEU SANS AIR POUR VEHICULES</p> <p>[72] LABUSCHAGNE, PIETER JOHANNES, ZA</p> <p>[71] PROSPECT SA INVESTMENTS 121 LIMITED, ZA</p> <p>[85] 2014-11-24</p> <p>[86] 2012-05-24 (PCT/IB2012/052599)</p> <p>[87] (WO2012/160534)</p>
<p style="text-align: center;">[21] 2,874,526 [13] A1</p> <p>[51] Int.Cl. B01J 8/00 (2006.01) B01J 8/04 (2006.01) B01J 8/08 (2006.01) C07C 2/84 (2006.01)</p> <p>[25] EN</p> <p>[54] OXIDATIVE COUPLING OF METHANE SYSTEMS AND METHODS</p> <p>[54] SYSTEMES ET PROCEDES DE COUPLAGE OXYDANT DU METHANE</p> <p>[72] SCHAMMEL, WAYNE P., US</p> <p>[72] WOLFENBARGER, JULIAN, US</p> <p>[72] AJINKYA, MILIND, US</p> <p>[72] MCCARTY, JON, US</p> <p>[72] CIZERON, JOEL M., US</p> <p>[72] WEINBERGER, SAM, US</p> <p>[72] EDWARDS, JUSTIN DWIGHT, US</p> <p>[72] SHERIDAN, DAVE, US</p> <p>[72] SCHER, ERIK C., US</p> <p>[72] MCCORMICK, JAROD, US</p> <p>[71] SILURIA TECHNOLOGIES, INC., US</p> <p>[85] 2014-11-21</p> <p>[86] 2013-05-23 (PCT/US2013/042480)</p> <p>[87] (WO2013/177433)</p> <p>[30] US (61/651,485) 2012-05-24</p> <p>[30] US (61/791,312) 2013-03-15</p>	<p style="text-align: center;">[21] 2,874,528 [13] A1</p> <p>[51] Int.Cl. C12Q 1/68 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF DIAGNOSING CANCER COMPRISING DETECTION OF THE METHYLATION SIGNATURE IN THE HTERT PROMOTER</p> <p>[54] METHODE DE DIAGNOSTIC DU CANCER COMPRENANT LA DETECTION DE LA SIGNATURE DE METHYLATION DANS LE PROMOTEUR HTERT</p> <p>[72] CASTELO-BRANCO, PEDRO, CA</p> <p>[72] TABORI, URI, CA</p> <p>[71] THE HOSPITAL FOR SICK CHILDREN, CA</p> <p>[85] 2014-11-24</p> <p>[86] 2013-05-24 (PCT/CA2013/000508)</p> <p>[87] (WO2013/173912)</p> <p>[30] US (61/651,750) 2012-05-25</p> <p>[30] US (61/668,556) 2012-07-06</p>	<p style="text-align: center;">[21] 2,874,530 [13] A1</p> <p>[51] Int.Cl. A61K 31/57 (2006.01) A61P 35/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ULIPRISTAL ACETATE FOR PREVENTION AND TREATMENT OF BREAST TUMORS</p> <p>[54] ACETATE D'ULIPRISTAL POUR LA PREVENTION ET LE TRAITEMENT DE TUMEURS DU SEIN</p> <p>[72] RESCHE-RIGON, MICHELE, FR</p> <p>[72] LEVY, DELPHINE, FR</p> <p>[72] GAINER, ERIN, FR</p> <p>[72] GOMPEL, ANNE, FR</p> <p>[72] FORGEZ, PATRICIA, FR</p> <p>[72] DESREUMAUX-COMMUNAL, LAUDINE, CA</p> <p>[71] LABORATOIRE HRA-PHARMA, FR</p> <p>[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR</p> <p>[85] 2014-11-24</p> <p>[86] 2013-05-24 (PCT/EP2013/060801)</p> <p>[87] (WO2013/175009)</p> <p>[30] EP (12305586.5) 2012-05-25</p>

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[21] **2,874,531**
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) G06T 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RENDERING VIRTUAL TRY-ON PRODUCTS**
[54] **SYSTEMES ET PROCEDES DE RENDU DE PRODUITS D'ESSAYAGE VIRTUEL**
[72] GRAVOIS, ADAM, US
[72] ENGLE, RYAN, US
[71] GLASSES.COM INC., US
[85] 2014-11-21
[86] 2013-05-23 (PCT/US2013/042517)
[87] (WO2013/177459)
[30] US (61/650,983) 2012-05-23
[30] US (61/735,951) 2012-12-11
[30] US (13/774,958) 2013-02-22

[21] **2,874,532**
[13] A1

[51] **Int.Cl. G08G 5/04 (2006.01)**
[25] EN
[54] **AUTONOMOUS SATELLITE ORBITAL DEBRIS AVOIDANCE SYSTEM AND METHOD**
[54] **SYSTEME AUTONOME ET PROCEDE D'EVITEMENT DE DEBRIS ORBITAUX POUR SATELLITE**
[72] BRISKMAN, ROBERT, US
[71] BRISKMAN, ROBERT, US
[85] 2014-11-21
[86] 2013-07-02 (PCT/US2013/000159)
[87] (WO2013/169309)
[30] US (61/688,071) 2012-05-07
[30] US (13/986,059) 2013-03-27

[21] **2,874,533**
[13] A1

[51] **Int.Cl. C12Q 3/00 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12N 1/14 (2006.01) G01N 21/31 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **SENSOR FOR EARLY DETECTION OF PROBLEMS IN ALGAE CULTURES AND RELATED SYSTEM AND METHOD**
[54] **DETECTEUR POUR LA DETECTION PRECOCE DE PROBLEMES DANS DES CULTURES D'ALGUES, ET SYSTEME ET PROCEDE ASSOCIES**
[72] TIXIER, SEBASTIEN, CA
[72] FUXMAN, ADRIAN M., CA
[71] HONEYWELL ASCA, INC., CA
[85] 2014-11-24
[86] 2013-05-23 (PCT/CA2013/000510)
[87] (WO2013/188952)
[30] US (13/529,240) 2012-06-21

[21] **2,874,534**
[13] A1

[51] **Int.Cl. C07C 29/16 (2006.01) C07C 2/08 (2006.01) C07C 31/125 (2006.01) C07C 303/24 (2006.01) C11D 1/14 (2006.01)**
[25] EN
[54] **A LAUNDRY DETERGENT COMPOSITION AND METHOD OF MAKING THEREOF**
[54] **COMPOSITION DETERGENTE POUR LE LINGE ET SON PROCEDE DE FABRICATION**
[72] ELLISON, ROBERT HARDY, US
[72] ENDLER, ELIZABETH ELAINE, US
[72] KLEM, CAROL JEAN, US
[72] DE KRAKER, ABRAHAM ROBERT, US
[72] PAPITTO, SHARLA NANCE, US
[72] SEMIEN, CATHERINE, US
[72] SHARKO, PAUL THEODORE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2014-11-21
[86] 2013-05-24 (PCT/US2013/042582)
[87] (WO2013/181083)
[30] US (61/652,503) 2012-05-29

[21] **2,874,535**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/22 (2011.01) C12N 15/00 (2006.01) C40B 30/04 (2006.01) C07H 21/04 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **HIGH THROUGHPUT METHOD OF SCREENING A POPULATION FOR MEMBERS COMPRISING MUTATION(S) IN A TARGET SEQUENCE**
[54] **METHODE DE CRIBLAGE A HAUT DEBIT D'UNE POPULATION A LA RECHERCHE D'ELEMENTS COMPRENANT UNE(DES) MUTATIONS(S) DANS UNE SEQUENCE CIBLE**
[72] BANKS, TRAVIS WILFRED, CA
[72] SOMERS, DARYL JOHN, CA
[71] VINELAND RESEARCH AND INNOVATION CENTRE, CA
[85] 2014-11-24
[86] 2014-03-06 (PCT/CA2014/050177)
[87] (WO2014/134729)
[30] US (61/775,095) 2013-03-08

[21] **2,874,536**
[13] A1

[51] **Int.Cl. B65D 3/06 (2006.01) B65D 3/20 (2006.01) B65D 3/30 (2006.01)**
[25] EN
[54] **A CUP WITH INTEGRAL CLOSURE FLAPS RESTRICTING SPILLAGE**
[54] **GOBELET POURVU DE RABATS DE FERMETURE SOLIDAIRES LIMITANT LE RENVERSEMENT DE LIQUIDE**
[72] LU, WEI, IE
[72] DUGGAN, KENNETH, IE
[71] HANPAK LIMITED, IE
[85] 2014-11-24
[86] 2013-05-27 (PCT/EP2013/060889)
[87] (WO2013/175020)
[30] IE (S2012/0245) 2012-05-25

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[13] A1

[51] **Int.Cl. H02K 15/16 (2006.01) H02K 5/15 (2006.01) H02K 7/09 (2006.01) H02K 5/16 (2006.01)**

[25] EN

[54] **END PLATE FOR AN ELECTRIC MACHINE, ELECTRIC MACHINE AND METHOD FOR ASSEMBLING AN ELECTRIC MACHINE**

[54] **FLASQUE POUR MACHINE ELECTRIQUE, MACHINE ELECTRIQUE ET PROCEDE DE MONTAGE D'UNE MACHINE ELECTRIQUE**

[72] KABS, GINO, CH

[72] KLEYNHANS, GEORG, CH

[72] DETTWYLER, MARKUS, CH

[72] VETTER, MARCEL, CH

[71] MAN DIESEL & TURBO SE, DE

[85] 2014-11-24

[86] 2013-05-28 (PCT/EP2013/060971)

[87] (WO2013/178634)

[30] DE (10 2012 209 134.3) 2012-05-31

[21] **2,874,538**
[13] A1

[51] **Int.Cl. G01V 11/00 (2006.01) G01V 1/40 (2006.01)**

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[54] **SYSTEM AND METHOD FOR FACIES CLASSIFICATION**

[54] **SYSTEME ET PROCEDE DE CLASSIFICATION DE FACIES**

[72] THORNE, JULIAN, US

[71] CHEVRON U.S.A. INC., US

[85] 2014-11-21

[86] 2013-03-14 (PCT/US2013/031415)

[87] (WO2013/184208)

[30] US (13/488,876) 2012-06-05

[21] **2,874,539**
[13] A1

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

[25] EN

[54] **METHOD, SYSTEM, DEVICE, AND ELECTRONIC SIGNATURE TOOL FOR AUDIO COMMUNICATION MODULATION SCHEME SELF-ADAPTATION**

[54] **PROCEDE, SYSTEME, DISPOSITIF, ET OUTIL DE SIGNATURE ELECTRONIQUE POUR UNE AUTO-ADAPTATION DE SCHEMA DE MODULATION DE COMMUNICATION AUDIO**

[72] LI, DONGSHENG, CN

[71] TENDYRON CORPORATION, CN

[85] 2014-11-24

[86] 2013-06-09 (PCT/CN2013/077108)

[87] (WO2013/189256)

[30] CN (201210211828.2) 2012-06-21

[21] **2,874,540**
[13] A1

[51] **Int.Cl. G06F 19/22 (2011.01) G06N 3/12 (2006.01)**

[25] EN

[54] **HIGH-CAPACITY STORAGE OF DIGITAL INFORMATION IN DNA**

[54] **STOCKAGE A CAPACITE ELEVEE D'INFORMATIONS NUMERIQUES DANS L'ADN**

[72] GOLDMAN, NICK, GB

[72] BIRNEY, JOHN, GB

[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE

[85] 2014-11-24

[86] 2013-05-31 (PCT/EP2013/061300)

[87] (WO2013/178801)

[30] US (61/654,295) 2012-06-01

[21] **2,874,541**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 45/06 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **MULTIMERIC COMPLEXES WITH IMPROVED IN VIVO STABILITY, PHARMACOKINETICS AND EFFICACY**

[54] **COMPLEXES MULTIMERES PRESENTANT UNE MEILLEURE STABILITE IN VIVO, UNE MEILLEURE PHARMACOCINETIQUE ET UNE MEILLEURE EFFICACITE**

[72] ROSSI, EDMUND A., US

[72] CHANG, CHIEN-HSING, US

[72] GOLDENBERG, DAVID M., US

[71] IBC PHARMACEUTICALS, INC., US

[85] 2014-11-21

[86] 2013-05-24 (PCT/US2013/042594)

[87] (WO2013/181087)

[30] US (61/654,310) 2012-06-01

[30] US (61/662,086) 2012-06-20

[30] US (61/673,553) 2012-07-19

[30] US (61/682,531) 2012-08-13

[30] US (61/693,042) 2012-08-24

[30] US (61/694,072) 2012-08-28

[21] **2,874,542**
[13] A1

[51] **Int.Cl. G06F 19/10 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PREDICTING THE IMMUNOGENICITY OF A PEPTIDE**

[54] **SYSTEME ET PROCEDE DE PREDICTION DE L'IMMUNOGENICITE D'UN PEPTIDE**

[72] PAZ, PEDRO, US

[72] ASWAD, FRED JULLIEN, US

[71] BAYER HEALTHCARE LLC, US

[85] 2014-11-21

[86] 2013-03-14 (PCT/US2013/031661)

[87] (WO2013/176756)

[30] US (61/652,076) 2012-05-25

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[21] **2,874,543**
[13] A1

[51] **Int.Cl. B65D 43/02 (2006.01)**
[25] EN
[54] **CONTAINER HAVING A COVER RECIPIENT COMPRENANT UN COUVERCLE**
[72] HAGEN, HOLGER, DE
[71] RPC BRAMLAGE GMBH, DE
[85] 2014-11-24
[86] 2013-06-04 (PCT/EP2013/061442)
[87] (WO2013/182543)
[30] DE (10 2012 104 966.1) 2012-06-08
[30] DE (20 2012 103 382.8) 2012-09-05

[21] **2,874,544**
[13] A1

[51] **Int.Cl. G01F 11/28 (2006.01)**
[25] EN
[54] **DEVICE FOR INTRODUCING A DEFINED QUANTITY OF A SECOND POWDER INTO A PROCESS VESSEL**
[54] **DISPOSITIF POUR L'INTRODUCTION D'UNE QUANTITE DEFINIE D'UNE SECONDE POUDRE DANS UN RECIPIENT DE TRAITEMENT**
[72] PRITZKE, HEINZ, DE
[72] KNORR, WOLFGANG, DE
[72] WURST, REINER, DE
[71] GLATT SYSTEMTECHNIK GMBH, DE
[85] 2014-11-24
[86] 2014-01-20 (PCT/DE2014/100012)
[87] (WO2014/169897)
[30] DE (10 2013 104 003.9) 2013-04-19

[21] **2,874,545**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 17/00 (2006.01)**
[25] EN
[54] **DRAFT BEER SUPPLY CHAIN SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE CHAINE D'APPROVISIONNEMENT DE BIERE PRESSION**
[72] HERSHBERGER, STEVE, US
[72] KREMER, STEVE, US
[72] MAYER, MATT, US
[72] KOSIAREK, MARK, US
[71] STEADYSERV TECHNOLOGIES, LLC, US
[85] 2014-11-21
[86] 2013-05-24 (PCT/US2013/042725)
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[30] US (61/651,531) 2012-05-24
[30] US (13/837,639) 2013-03-15

[21] **2,874,546**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRAZOLOPYRIMIDONE AND PYRAZOLOPYRIDONE INHIBITORS OF TANKYRASE**
[54] **INHIBITEURS DE TANKYRASE A BASE DE PYRAZOLOPYRIMIDONE ET DE PYRAZOLOPYRIDONE**
[72] FENG, JIANWEN, US
[72] HAYNES, NANCY-ELLEN, US
[72] HERMANN, JOHANNES CORNELIUS, US
[72] KIM, KYUNGJIN, US
[72] LIU, JIN-JUN, US
[72] SCOTT, NATHAN ROBERT, US
[72] YI, LIN, US
[72] ZAK, MARK, US
[72] ZHAO, GUILING, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-11-24
[86] 2013-06-04 (PCT/EP2013/061448)
[87] (WO2013/182546)
[30] US (61/656,644) 2012-06-07

[21] **2,874,547**
[13] A1

[51] **Int.Cl. A61K 49/00 (2006.01)**
[25] EN
[54] **METHODS TO DETECT A FUNGAL CELL**
[54] **PROCEDES POUR DETECTER UNE CELLULE FONGIQUE**
[72] PERLIN, DAVID S., US
[72] GARCIA-EFFRON, GUILLERMO, US
[72] MUSTAEV, ARKADY, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2014-11-21
[86] 2013-05-08 (PCT/US2013/040182)
[87] (WO2013/169932)
[30] US (61/644,283) 2012-05-08

[21] **2,874,548**
[13] A1

[51] **Int.Cl. C07K 7/64 (2006.01)**
[25] EN
[54] **CYCLOSPORIN A ANALOGS**
[54] **ANALOGUES DE CYCLOSPORINE A**
[72] PETTIT, SIMON N., GB
[72] JONES, ANDREW D., GB
[72] FRYDRYCH, CATHERINE SIMONE V., GB
[72] CARLING, WILLIAM R., GB
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
[85] 2014-11-21
[86] 2013-05-30 (PCT/US2013/043266)
[87] (WO2013/181339)
[30] US (61/654,388) 2012-06-01

[21] **2,874,549**
[13] A1

[51] **Int.Cl. C12P 5/02 (2006.01) B09B 3/00 (2006.01) C02F 11/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR BIOMETHANE PRODUCTION.**
[54] **PROCEDES ET COMPOSITIONS DE PRODUCTION DE BIOMETHANE**
[72] JENSEN, JACOB WAGNER, DK
[72] RONSCH, GEORG ORNSKOV, DK
[72] ANTONSEN, SEBASTIAN BUCH, DK
[71] RENESCIENCE A/S, DK
[85] 2014-11-24
[86] 2013-06-12 (PCT/DK2013/050194)
[87] (WO2013/185778)
[30] US (61/658,419) 2012-06-12

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[13] A1

[51] **Int.Cl. G01N 24/08 (2006.01) A61B 5/055 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **NMR MEASUREMENTS OF GLYCA**
[54] **MESURES DE RMN DE GLYCA**
[72] OTVOS, JAMES D., US
[72] SHALAUROVA, IRINA Y., US
[72] BENNETT, DENNIS W., US
[72] WOLAK-DINSMORE, JUSTYNA E., US
[71] LIPOSCIENCE, INC., US
[85] 2014-11-21
[86] 2013-05-30 (PCT/US2013/043343)
[87] (WO2013/184483)
[30] US (61/657,315) 2012-06-08
[30] US (61/711,471) 2012-10-09
[30] US (61/739,305) 2012-12-19
[30] US (13/830,199) 2013-03-14

[21] **2,874,551**
[13] A1

[51] **Int.Cl. G11C 11/44 (2006.01) G11C 11/16 (2006.01) H01L 39/22 (2006.01)**
[25] EN
[54] **JOSEPHSON MAGNETIC MEMORY CELL SYSTEM**
[54] **SYSTEME DE CELLULE DE MEMOIRE MAGNETIQUE A EFFET JOSEPHSON**
[72] NAAMAN, OFER, US
[72] MILLER, DONALD, US
[72] HERR, ANNA Y., US
[72] BIRGE, NORMAN O., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
[85] 2014-11-21
[86] 2013-05-14 (PCT/US2013/040950)
[87] (WO2013/180946)
[30] US (13/485,397) 2012-05-31

[21] **2,874,552**
[13] A1

[51] **Int.Cl. E05B 47/06 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL LOCK**
[54] **SERRURE ELECTROMECHANIQUE**
[72] PIIRAINEN, MIKA, FI
[72] KELLOKOSKI, MIKA, FI
[71] ILOQ OY, FI
[85] 2014-11-24
[86] 2013-06-11 (PCT/EP2013/061995)
[87] (WO2013/186198)
[30] EP (12171614.6) 2012-06-12

[21] **2,874,553**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **MEDICAL DEVICE INFORMATION PORTAL**
[54] **PORTAIL D'INFORMATION DES DISPOSITIFS MEDICAUX**
[72] WORRELL, KAI R., US
[72] PETRINA, MARIA E. L., US
[72] WADHWA, MANISH K., US
[72] UNGAB, GILANTHONY D., US
[71] GENEVA HEALTHCARE, LLC, US
[85] 2014-11-21
[86] 2013-05-17 (PCT/US2013/041598)
[87] (WO2013/176988)
[30] US (61/650,312) 2012-05-22
[30] US (13/840,804) 2013-03-15

[21] **2,874,554**
[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTI-VEGF/ANTI-ANG-2 ANTIBODIES AND THEIR USE IN THE TREATMENT OF OCULAR VASCULAR DISEASES**
[54] **ANTICORPS BISPECIFIQUES ANTI-VEGF/ANTI-ANG-2 ET LEUR UTILISATION DANS LE CADRE DU TRAITEMENT DE PATHOLOGIES VASCULAIRES OCULAIRES**
[72] DUERR, HARALD, DE
[72] HERTING, FRANK, DE
[72] KLEIN, CHRISTIAN, CH
[72] REGULA, JOERG THOMAS, DE
[72] RUETH, MATTHIAS, DE
[72] STUBENRAUCH, KAY-GUNNAR, DE
[71] ROCHE GLYCART AG, CH
[85] 2014-11-24
[86] 2013-07-11 (PCT/EP2013/064672)
[87] (WO2014/009465)
[30] EP (12176299.1) 2012-07-13

[21] **2,874,555**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01)**
[25] EN
[54] **SYNTHESIS OF PYRROLO [2, 3 - B] PYRIDINES**
[54] **SYNTHESE DE PYRROLO [2, 3 - B] PYRIDINES**
[72] IBRAHIM, PRABHA N., US
[71] PLEXXIKON INC., US
[85] 2014-11-21
[86] 2013-05-30 (PCT/US2013/043400)
[87] (WO2013/181415)
[30] US (61/653,994) 2012-05-31
[30] US (13/793,917) 2013-03-11

[21] **2,874,556**
[13] A1

[51] **Int.Cl. C12Q 1/18 (2006.01) C12M 1/16 (2006.01) C12M 1/26 (2006.01)**
[25] EN
[54] **DEVICE FOR STANDARDISING THE IN-VITRO SYNERGY TESTING OF TWO ANTIBIOTICS THROUGH THE METHOD CROSSING THE GRADIENT STRIPS**
[54] **DISPOSITIF DE NORMALISATION DE L'ANALYSE DE SYNERGIE IN-VITRO DE DEUX ANTIBIOTIQUES PAR LA METHODE DE TRAVERSEE DE BANDETTES DE GRADIENT**
[72] BROCCO, SILVIO, IT
[71] LIOFILCHEM S.R.L., IT
[85] 2014-11-24
[86] 2013-06-06 (PCT/EP2013/001667)
[87] (WO2013/185896)
[30] IT (AN2012A000069) 2012-06-11

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[21] **2,874,557**
[13] A1

[51] **Int.Cl. G01N 9/00 (2006.01) E21B 21/00 (2006.01) E21B 21/06 (2006.01) E21B 21/08 (2006.01) G01N 15/04 (2006.01)**

[25] EN

[54] **A METHOD AND APPARATUS FOR AUTOMATICALLY TESTING HIGH PRESSURE AND HIGH TEMPERATURE SEDIMENTATION OF SLURRIES**

[54] **PROCEDE ET APPAREIL DE TEST AUTOMATIQUE DE LA SEDIMENTATION DE BOUES A PRESSION ELEVEE ET A TEMPERATURE ELEVEE**

[72] JAMISON, DALE E., US

[72] MURPHY, ROBERT J., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-11-21

[86] 2013-05-17 (PCT/US2013/041670)

[87] (WO2013/176995)

[30] US (13/478,974) 2012-05-23

[21] **2,874,558**
[13] A1

[51] **Int.Cl. G01F 1/78 (2006.01) G01F 1/28 (2006.01) G01F 15/00 (2006.01) G05D 7/06 (2006.01)**

[25] EN

[54] **METHOD OF, AND APPARATUS FOR, MEASURING THE FLOW RATE OF A GAS**

[54] **PROCEDE ET APPAREIL DE MESURE DU DEBIT D'UN GAZ**

[72] DOWNIE, NEIL ALEXANDER, GB

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/EP2013/060690)

[87] (WO2013/174958)

[30] EP (12169389.9) 2012-05-24

[21] **2,874,559**
[13] A1

[51] **Int.Cl. C07D 307/50 (2006.01) C07C 51/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF FURFURAL AND LEVULINIC ACID FROM LIGNOCELLULOSIC BIOMASS**

[54] **PROCEDE DE PRODUCTION DE FURFURAL ET D'ACIDE LEVULINIQUE A PARTIR D'UNE BIOMASSE LIGNOCELLULOSIQUE**

[72] VRIES DE, JOHANNES GERARDUS, NL

[72] KROON, JOHANNES AUGUSTINUS, NL

[72] PARTON, RUDY FRANCOIS MARIA JOZEF, NL

[72] WOESTENBORGHES, PIERRE LOUIS, NL

[72] RIJKE DE, ARIE, NL

[71] DSM IP ASSETS B.V., NL

[85] 2014-11-24

[86] 2013-07-12 (PCT/EP2013/064782)

[87] (WO2014/009521)

[30] EP (12176284.3) 2012-07-13

[21] **2,874,560**
[13] A1

[51] **Int.Cl. H01L 31/18 (2006.01) H01L 21/78 (2006.01)**

[25] EN

[54] **STRAIN CONTROL FOR ACCELERATION OF EPITAXIAL LIFT-OFF**

[54] **COMMANDE DE DEFORMATION POUR ACCELERATION DE DECOLLEMENT EPITAXIAL**

[72] FORREST, STEPHEN R., US

[72] LEE, KYUSANG, US

[72] ZIMMERMAN, JERAMY, US

[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

[85] 2014-11-21

[86] 2013-06-04 (PCT/US2013/044028)

[87] (WO2013/184638)

[30] US (61/655,084) 2012-06-04

[21] **2,874,561**
[13] A1

[51] **Int.Cl. A01D 41/14 (2006.01) A01D 45/02 (2006.01)**

[25] EN

[54] **HARVESTING ATTACHMENT FOR A HARVESTER**

[54] **ACCESSOIRE DE MOISSON POUR UNE MOISSONNEUSE**

[72] SCHRATTECKER, FRANZ, AT

[71] CNH INDUSTRIAL BELGIUM N.V., BE

[71] BISO SCHRATTENECKER GMBH, AT

[85] 2014-11-24

[86] 2013-06-11 (PCT/EP2013/001710)

[87] (WO2013/185908)

[30] DE (10 2012 011 912.7) 2012-06-15

[21] **2,874,562**
[13] A1

[51] **Int.Cl. F24F 5/00 (2006.01) F24F 11/00 (2006.01)**

[25] EN

[54] **DIRECT EVAPORATIVE AIR HANDLER**

[54] **APPAREIL DE TRAITEMENT D'AIR A EVAPORATION DIRECTE**

[72] FISHER, MARK THOMAS, US

[72] DUNNAVANT, BRYAN KEITH, US

[72] BOUCHER, MICHAEL S., US

[71] MUNTERS CORPORATION, US

[85] 2014-11-21

[86] 2013-06-04 (PCT/US2013/044100)

[87] (WO2013/184673)

[30] US (61/655,250) 2012-06-04

[21] **2,874,563**
[13] A1

[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/95 (2013.01)**

[25] EN

[54] **HAND UNIT TO RELEASE A SELF-EXPANDING IMPLANT**

[54] **UNITE MANUELLE POUR LIBERER UN IMPLANT AUTO-DEPLOYABLE**

[72] DORN, JURGEN, DE

[72] HOFFMANN, MARTINA, DE

[71] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE

[85] 2014-11-24

[86] 2013-10-17 (PCT/EP2013/071712)

[87] (WO2014/060511)

[30] NL (2009648) 2012-10-17

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[13] A1

[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **DIAL-DOWN MECHANISM FOR WIND-UP PEN**
[54] **REDUCTEUR DE DOSE POUR SERINGUE AUTOMATIQUE**
[72] PEDERSEN, SIMON MUNCH, DK
[72] RORVIG, SIMON, DK
[71] NOVO-NORDISK A/S, DK
[85] 2014-11-24
[86] 2013-03-15 (PCT/EP2013/055403)
[87] (WO2013/178372)
[30] EP (12170139.5) 2012-05-31
[30] US (61/656,345) 2012-06-06

[21] **2,874,565**
[13] A1

[51] **Int.Cl. B23K 26/38 (2014.01) H01S 3/042 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DRILLING A WORKPIECE WITH LASER PULSES**
[54] **PROCEDE ET DISPOSITIF DE PERCAGE D'UNE PIECE PAR IMPULSIONS LASER**
[72] LE MEUR, YVES, FR
[72] MOTTIN, JEAN-BAPTISTE, FR
[71] SNECMA, FR
[85] 2014-11-24
[86] 2013-05-30 (PCT/FR2013/051214)
[87] (WO2013/178950)
[30] FR (1255128) 2012-06-01

[21] **2,874,566**
[13] A1

[51] **Int.Cl. C07D 295/088 (2006.01) A61K 31/495 (2006.01) A61P 3/10 (2006.01) C07D 213/74 (2006.01) C07D 241/20 (2006.01) C07D 295/096 (2006.01)**
[25] FR
[54] **PIPERAZINE DERIVATIVES, METHODS FOR PREPARING SAME, AND USES THEREOF IN THE TREATMENT OF INSULIN RESISTANCE**
[54] **DERIVES DE PIPERAZINE, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS DANS LE TRAITEMENT DE L'INSULINORESISTANCE**
[72] MOINET, GERARD, FR
[72] BAVEREL, GABRIEL, FR
[72] NAZARET, REMI, FR
[72] FERRIER, BERNARD, FR
[71] METABOLYS, FR
[85] 2014-11-24
[86] 2012-06-22 (PCT/EP2012/062143)
[87] (WO2012/175707)
[30] FR (1155545) 2011-06-23

[21] **2,874,567**
[13] A1

[51] **Int.Cl. A01K 11/00 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IN-RUMEN MONITORING**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE INTRA-RUMEN**
[72] MALLINSON, PAUL BENJAMIN, NZ
[72] LAPORTE-URIBE, JOSE ALBERTO, NZ
[71] KAHNE LIMITED, NZ
[85] 2014-11-24
[86] 2012-06-15 (PCT/NZ2012/000100)
[87] (WO2012/173502)
[30] NZ (593497) 2011-06-16

[21] **2,874,568**
[13] A1

[51] **Int.Cl. A61F 2/97 (2013.01) A61F 2/95 (2013.01) A61F 2/966 (2013.01)**
[25] EN
[54] **CATHETER DELIVERY SYSTEM TO RELEASE A SELF-EXPANDING IMPLANT**
[54] **SYSTEME D'ADMINISTRATION A CATHETER POUR LA LIBERATION D'UN IMPLANT AUTO-DILATABLE**
[72] DORN, JURGEN, DE
[72] HOFFMANN, MARTINA, DE
[72] VOGEL, MICHAEL, DE
[71] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
[85] 2014-11-24
[86] 2013-10-17 (PCT/EP2013/071713)
[87] (WO2014/067787)
[30] NL (2009726) 2012-10-30

[21] **2,874,569**
[13] A1

[51] **Int.Cl. C07D 213/74 (2006.01) A61K 31/495 (2006.01) A61P 3/10 (2006.01) C07D 241/04 (2006.01) C07D 241/20 (2006.01) C07D 277/42 (2006.01) C07D 295/088 (2006.01) C07D 295/096 (2006.01) C07D 295/155 (2006.01) C07D 295/192 (2006.01) C07D 295/205 (2006.01) C07D 295/26 (2006.01) C07D 307/33 (2006.01) C07D 495/04 (2006.01)**
[25] FR
[54] **PIPERAZINE DERIVATIVES, METHODS FOR PREPARING SAME, AND USES THEREOF IN THE TREATMENT OF INSULIN RESISTANCE**
[54] **DERIVES DE PIPERAZINE, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS DANS LE TRAITEMENT DE L'INSULINORESISTANCE**
[72] MOINET, GERARD, FR
[72] BAVEREL, GABRIEL, FR
[72] NAZARET, REMI, FR
[72] FERRIER, BERNARD, FR
[71] METABOLYS, FR
[85] 2014-11-24
[86] 2012-06-22 (PCT/EP2012/062154)
[87] (WO2012/175715)
[30] FR (11 55547) 2011-06-23

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[21] **2,874,570**
[13] A1

[51] **Int.Cl. A24D 3/04 (2006.01) A24D 3/06 (2006.01) B01D 39/02 (2006.01) B01D 39/14 (2006.01)**

[25] EN

[54] **SPINNERET COMPRISING TRI-ARC HOLES AND TRI-ARC FILAMENTS PRODUCED THEREFROM**

[54] **FILIERE COMPRENANT DES TROUS A TROIS ARCS ET FILAMENTS A TROIS ARCS PRODUITS A PARTIR DE CELLE-CI**

[72] BUNDREN, CHRISTOPHER M., US
[72] KIZER, LAWTON E., US
[72] FALLON, DENIS G., US
[72] XUE, LIXIN, CN
[71] CELANESE ACETATE LLC, US
[85] 2014-11-21
[86] 2013-07-22 (PCT/US2013/051480)
[87] (WO2014/018446)
[30] US (13/557,985) 2012-07-25

[21] **2,874,571**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01)**

[25] EN

[54] **A DELIVERY ASSEMBLY FOR MACHINES FOR PREPARING BEVERAGES VIA CAPSULES**

[54] **ENSEMBLE DE DISTRIBUTION POUR DES MACHINES DESTINEES A PREPARER DES BOISSONS PAR L'INTERMEDIAIRE DE CAPSULES**

[72] BUGNANO, LUCA, IT
[72] CABILLI, ALBERTO, IT
[71] LUIGI LAVAZZA S.P.A., IT
[85] 2014-11-24
[86] 2013-05-08 (PCT/IB2013/053688)
[87] (WO2013/182923)
[30] IT (TO2012A000503) 2012-06-08

[21] **2,874,572**
[13] A1

[51] **Int.Cl. C10L 1/14 (2006.01) C08L 61/14 (2006.01) C10L 1/22 (2006.01) C10L 1/238 (2006.01) C10L 10/14 (2006.01) C10L 1/196 (2006.01) C10L 1/197 (2006.01) C10L 1/222 (2006.01) C10L 1/224 (2006.01) C10L 1/236 (2006.01)**

[25] FR

[54] **ADDITIVE COMPOSITIONS AND USE THEREOF FOR IMPROVING THE COLD PROPERTIES OF FUELS AND COMBUSTIBLES**

[54] **COMPOSITIONS D'ADDITIFS ET LEUR UTILISATION POUR AMELIORER LES PROPRIETES A FROID DE CARBURANTS ET COMBUSTIBLES**

[72] PAPIN, GERALDINE, FR
[72] DOLMAZON, NELLY, FR
[72] TORT, FREDERIC, FR
[71] TOTAL MARKETING SERVICES, FR
[85] 2014-11-24
[86] 2013-06-17 (PCT/EP2013/062472)
[87] (WO2013/189868)
[30] FR (1255755) 2012-06-19

[21] **2,874,573**
[13] A1

[51] **Int.Cl. G01P 3/38 (2006.01) B23Q 15/08 (2006.01) G01P 3/40 (2006.01) G01P 21/02 (2006.01) G01S 11/12 (2006.01) G01D 5/34 (2006.01) G05B 19/401 (2006.01)**

[25] EN

[54] **METHOD FOR ESTIMATING THE ROTATIONAL SPEED OF A TOOL MOUNTED ON A ROTATING SPINDLE OF A MACHINE TOOL AND SUCH A MACHINE TOOL**

[54] **PROCEDE D'ESTIMATION DE LA VITESSE DE ROTATION D'UN OUTIL MONTE SUR UNE BROCHE ROTATIVE D'UNE MACHINE-OUTIL, ET MACHINE-OUTIL**

[72] PASSINI, STEFANO, IT
[72] MALPEZZI, DOMENICO, IT
[71] MARPOSS SOCIETA' PER AZIONI, IT
[85] 2014-11-24
[86] 2013-05-16 (PCT/EP2013/060127)
[87] (WO2013/174707)
[30] IT (BO2012A000289) 2012-05-25

[21] **2,874,574**
[13] A1

[51] **Int.Cl. C12P 21/00 (2006.01) C12N 9/24 (2006.01)**

[25] FR

[54] **METHOD FOR PRODUCING AN ENZYME COCKTAIL USING THE LIQUID RESIDUE FROM A METHOD FOR BIOCHEMICALLY CONVERTING LIGNOCELLULOSIC MATERIALS**

[54] **PROCEDE DE PRODUCTION D'UN COCKTAIL ENZYMATIQUE UTILISANT LES RESIDUS LIQUIDES D'UN PROCEDE DE CONVERSION BIOCHIMIQUE DE MATERIAUX LIGNO-CELLULOSIQUES**

[72] BEN CHAABANE, FADHEL, FR
[72] LOURET, SYLVAIN, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2014-11-24
[86] 2013-06-10 (PCT/FR2013/051340)
[87] (WO2013/190214)
[30] FR (12/01730) 2012-06-18

[21] **2,874,575**
[13] A1

[51] **Int.Cl. A61H 1/02 (2006.01) A63B 21/008 (2006.01) A63B 23/00 (2006.01) A63B 23/035 (2006.01) A63B 24/00 (2006.01) A63B 69/00 (2006.01)**

[25] EN

[54] **COMPRESSION AND DECOMPRESSION CONTROL SYSTEM AND VASCULAR STRENGTHENING METHOD**

[54] **SYSTEME DE COMMANDE DE COMPRESSION ET DE DECOMPRESSION ET PROCEDE DE RENFORCEMENT VASCULAIRE**

[72] SATO, YOSHIKI, JP
[71] KAATSU JAPAN CO., LTD., JP
[85] 2014-11-24
[86] 2013-03-08 (PCT/JP2013/056522)
[87] (WO2014/002531)
[30] JP (2012-145824) 2012-06-28
[30] JP (2012-215586) 2012-09-28

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[21] **2,874,576**
[13] A1

[51] **Int.Cl. G02B 27/01 (2006.01)**
[25] EN
[54] **APPARATUS FOR OPTICAL SEE-THROUGH HEAD MOUNTED DISPLAY WITH MUTUAL OCCLUSION AND OPAQUENESS CONTROL CAPABILITY**
[54] **APPAREIL DESTINE A UN VISIOCASQUE TRANSPARENT OPTIQUE POSSEDANT UNE CAPACITE DE COMMANDE MUTUELLE D'OCCLUSION ET D'OPACITE**
[72] GAO, CHUNYU, US
[72] LIN, YUXIANG, US
[72] HUA, HONG, US
[71] MAGIC LEAP, INC., US
[85] 2014-10-03
[86] 2013-04-05 (PCT/US2013/035486)
[87] (WO2014/011266)
[30] US (61/620,581) 2012-04-05
[30] US (61/620,574) 2012-04-05

[21] **2,874,577**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **TREATMENT PLANNING SYSTEM**
[54] **SYSTEME DE PLANIFICATION DE TRAITEMENT**
[72] FRANK, KEVIN J., US
[72] CASE, JASON A., US
[72] LADTKOW, CASEY M., US
[71] COVIDIEN LP, US
[85] 2014-11-21
[86] 2013-05-20 (PCT/US2013/041842)
[87] (WO2013/177051)
[30] US (13/477,406) 2012-05-22

[21] **2,874,578**
[13] A1

[51] **Int.Cl. F02K 1/76 (2006.01) F16D 11/00 (2006.01)**
[25] FR
[54] **COUPLING AND UNCOUPLING MECHANISM FOR A TURBOJET ENGINE NACELLE ONBOARD DEVICE**
[54] **MECANISME D'ACCOUPLLEMENT ET DE DESACCOUPLLEMENT POUR UN DISPOSITIF EMBARQUE D'UNE NACELLE DE TURBOREACTEUR**
[72] HURLIN, HERVE, FR
[72] GILO, OLIVIER, FR
[72] KERBLER, OLIVIER, FR
[71] AIRCELLE, FR
[85] 2014-11-24
[86] 2013-07-02 (PCT/FR2013/051554)
[87] (WO2014/006321)
[30] FR (12/56438) 2012-07-05
[30] FR (12/57685) 2012-08-08

[21] **2,874,579**
[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61K 31/05 (2006.01) A61K 31/08 (2006.01) A61K 31/5517 (2006.01) A61K 45/00 (2006.01) A61P 23/00 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **MEDICINE COMPRISING COMBINATION OF GENERAL ANESTHETIC AND HYDROGEN**
[54] **MEDICAMENT COMPORTANT UNE COMBINAISON D'UN MEDICAMENT ANESTHESIQUE GENERAL ET D'HYDROGENE**
[72] KAZAMA, TOMIEI, JP
[72] SATOH, YASUSHI, JP
[72] YONAMINE, RYUJI, JP
[71] MARUISHI PHARMACEUTICAL CO., LTD., JP
[85] 2014-11-24
[86] 2013-05-30 (PCT/JP2013/065094)
[87] (WO2013/180240)
[30] JP (2012-125535) 2012-05-31

[21] **2,874,580**
[13] A1

[51] **Int.Cl. G01N 22/00 (2006.01)**
[25] EN
[54] **METHOD FOR PERMITTIVITY DISTRIBUTION MEASUREMENT WITH ULTRA-WIDEBAND (UWB) DISPERSION TOMOGRAPHY**
[54] **PROCEDE DE MESURE DE REPARTITION DE PERMITTIVITE PAR TOMOGRAPHIE A DISPERSION SUR UNE BANDE ULTRA-LARGE**
[72] JEAN, BUFORD RANDALL, US
[71] BAYLOR UNIVERSITY, US
[85] 2014-11-21
[86] 2013-05-20 (PCT/US2013/041847)
[87] (WO2013/177054)
[30] US (61/650,186) 2012-05-22

[21] **2,874,581**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR TREATING AND CLOSING WOUNDS WITH NEGATIVE PRESSURE**
[54] **DISPOSITIFS ET PROCEDES POUR TRAITER ET FERMER DES PLAIES AVEC UNE PRESSION NEGATIVE**
[72] DAGGER, ANTHONY C., GB
[72] FRY, NICHOLAS CHARLTON, GB
[72] HICKS, JOHN KENNETH, GB
[72] HUDDLESTON, ELIZABETH MARY, GB
[72] PHILLIPS, MARCUS DAMIAN, GB
[72] SAXBY, CARL, GB
[72] DUNN, RAYMOND M., US
[71] SMITH & NEPHEW INC., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2014-11-24
[86] 2013-05-23 (PCT/IB2013/001555)
[87] (WO2013/175309)
[30] US (61/651,483) 2012-05-24
[30] US (61/782,270) 2013-03-14

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[21] **2,874,582**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADMINISTERING MARKETING PROGRAMS**
[54] **SYSTEME ET PROCEDE POUR ADMINISTRER DES PROGRAMMES MARKETING**
[72] DURVASULA, SASTRY, US
[72] GEBB, LUKE, US
[72] KOUL, PRIYADARSHINI, US
[72] MORRIS, MICHAEL, US
[72] MUTHUKRISHNAN, SATHISH, US
[72] NEWHOUSE, SHERREE, US
[72] PURANIK, MANJUSHRI, US
[72] ROEN, SCOTT, US
[72] RUSSO, JENNIFER, US
[72] TIKU, SRIPRIYA, US
[72] WILMES, ROBERT, US
[72] WOLF, DAVID, US
[71] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2014-11-24
[86] 2012-03-06 (PCT/US2012/027810)
[87] (WO2012/170088)
[30] US (13/153,890) 2011-06-06

[21] **2,874,583**
[13] A1

[51] **Int.Cl. A01N 43/16 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING TOCOFLEXOLS AND ANALOGUES THEREOF**
[54] **PROCEDES DE FABRICATION DE TOCOFLEXOLS ET DE LEURS ANALOGUES**
[72] ZHENG, GUANGRONG, US
[72] COMPADRE, CESAR, US
[72] BREEN, PHILIP, US
[72] HAUER-JENSEN, MARTIN, US
[72] CROOKS, PETER, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[71] THE UNITED STATES OF AMERICA, US
[85] 2014-11-21
[86] 2013-03-13 (PCT/US2013/030862)
[87] (WO2013/176745)
[30] US (61/650,021) 2012-05-22

[21] **2,874,584**
[13] A1

[51] **Int.Cl. A01H 1/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **PLANT TRANSFORMATION METHOD USING PLANT GROWTH INHIBITING HORMONE**
[54] **PROCEDE DE TRANSFORMATION DE PLANTES UTILISANT UNE HORMONE INHIBANT LA CROISSANCE DES PLANTES**
[72] NAGIRA, YOZO, JP
[72] IMAI, RYOZO, JP
[72] SASAKI, KENTARO, JP
[72] TAOKA, NAOAKI, JP
[72] MATSUMOTO, KEIJI, JP
[72] NOGAWA, MASAHIRO, JP
[72] KOJIMA, MINEO, JP
[71] KANEKA CORPORATION, JP
[85] 2014-11-24
[86] 2013-05-31 (PCT/JP2013/065764)
[87] (WO2013/180311)
[30] JP (2012-124467) 2012-05-31

[21] **2,874,585**
[13] A1

[51] **Int.Cl. B60G 7/00 (2006.01) B21D 19/00 (2006.01)**
[25] EN
[54] **COUPLING STRUCTURE, COUPLING MEMBER HAVING COUPLING STRUCTURE, AND METHOD FOR MANUFACTURING COUPLING MEMBER HAVING COUPLING STRUCTURE**
[54] **STRUCTURE D'ACCOUPEMENT, ELEMENT D'ACCOUPEMENT AYANT UNE STRUCTURE D'ACCOUPEMENT ET PROCEDE POUR PRODUIRE UN ELEMENT D'ACCOUPEMENT AYANT UNE STRUCTURE D'ACCOUPEMENT**
[72] SHIRAKAMI, SATOSHI, JP
[72] MIZUMURA, MASAOKI, JP
[72] YOSHIDA, TOHRU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-11-24
[86] 2013-06-07 (PCT/JP2013/065861)
[87] (WO2013/183768)
[30] JP (2012-130861) 2012-06-08

[21] **2,874,586**
[13] A1

[51] **Int.Cl. A61B 17/22 (2006.01)**
[25] EN
[54] **RETRIEVAL SYSTEMS AND METHODS FOR USE THEREOF**
[54] **SYSTEMES D'EXTRACTION ET PROCEDES POUR L'UTILISATION DE CEUX-CI**
[72] MARTIN, BRIAN B., US
[72] DIECK, MARTIN S., US
[72] AGUILAR, JULIO, US
[71] LAZARUS EFFECT, INC., US
[85] 2014-11-24
[86] 2012-05-23 (PCT/US2012/039216)
[87] (WO2012/162437)
[30] US (61/489,183) 2011-05-23
[30] US (61/489,254) 2011-05-24

[21] **2,874,587**
[13] A1

[51] **Int.Cl. A61K 38/48 (2006.01) C07K 14/33 (2006.01)**
[25] EN
[54] **ENGINEERED BOTULINUM NEUROTOXIN**
[54] **NEUROTOXINE BOTULIQUE GENETIQUEMENT MODIFIEE**
[72] STENMARK, PAL ERIK GUSTAV, SE
[72] BERNTSSON, RONNIE, PER-ARNE, SE
[72] DONG, MIN, US
[72] PENG, LISHENG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2014-11-24
[86] 2013-03-13 (PCT/US2013/030737)
[87] (WO2013/180799)
[30] US (61/653,214) 2012-05-30

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[21] **2,874,588**
[13] A1

[51] **Int.Cl. F01N 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING COMPONENTS IN AN EXHAUST AFTER TREATMENT SYSTEM, AN EXHAUST AFTER TREATMENT SYSTEM, AND A CONTROLLER FOR AN EXHAUST AFTER TREATMENT SYSTEM**
[54] **PROCEDE DE SURVEILLANCE DES COMPOSANTS DANS UN SYSTEME DE POST-TRAITEMENT DES GAZ D'ECHAPPEMENT, SYSTEME DE POST-TRAITEMENT DES GAZ D'ECHAPPEMENT ET ORGANE DE COMMANDE DESTINE A UN SYSTEME DE POST-TRAITEMENT DES GAZ D'ECHAPPEMENT**
[72] DONG, QUNLONG, US
[72] TAI, CHUN, US
[71] MACK TRUCKS, INC., US
[85] 2014-11-24
[86] 2012-06-13 (PCT/US2012/042115)
[87] (WO2013/187888)

[21] **2,874,589**
[13] A1

[51] **Int.Cl. E03C 1/01 (2006.01)**
[25] EN
[54] **FLOW CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE DEBIT**
[72] DUNKI-JACOBS, KERRRY, US
[72] DUNKI-JACOBS, ROBERT, US
[71] DUNKI-JACOBS, KERRRY, US
[71] DUNKI-JACOBS, ROBERT, US
[85] 2014-11-24
[86] 2012-05-25 (PCT/US2012/039722)
[87] (WO2012/162670)
[30] US (13/115,971) 2011-05-25

[21] **2,874,590**
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **CREDIT BEHAVIOR NETWORK MAPPING**
[54] **MAPPAGE DE RESEAU DE COMPORTEMENT DE CREDIT**
[72] SINGSON, MARIA, US
[71] THE DUN & BRADSTREET CORPORATION, US
[85] 2014-11-24
[86] 2012-05-30 (PCT/US2012/039972)
[87] (WO2013/180700)

[21] **2,874,591**
[13] A1

[51] **Int.Cl. A63B 23/04 (2006.01) A63B 21/02 (2006.01)**
[25] EN
[54] **EXERCISE APPARATUS AND METHOD**
[54] **APPAREIL DE MUSCULATION ET PROCEDE ASSOCIE**
[72] JOHNSON, KIM, US
[71] GARTAY LLC, US
[85] 2014-11-24
[86] 2012-08-24 (PCT/US2012/052218)
[87] (WO2013/052210)
[30] US (13/267,535) 2011-10-06

[21] **2,874,592**
[13] A1

[51] **Int.Cl. E21B 47/06 (2012.01) E21B 43/12 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **DUAL DIFFERENTIAL PRESSURE MULTIPHASE FLOW METER**
[54] **DEBITMETRE MULTIPHASE A DOUBLE PRESSION DIFFERENTIELLE**
[72] MULFORD, HARLAN MICHAEL JAMES, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-11-24
[86] 2013-04-25 (PCT/US2013/038182)
[87] (WO2013/184245)
[30] US (13/487,803) 2012-06-04

[21] **2,874,593**
[13] A1

[51] **Int.Cl. C09K 8/02 (2006.01) C09K 8/52 (2006.01)**
[25] EN
[54] **SURFACTANT FORMULATIONS FOR FOAM FLOODING**
[54] **FORMULATIONS DE TENSIO-ACTIF POUR INJECTION DE MOUSSE**
[72] PENNY, GLENN S., US
[72] BIAN, YU, US
[72] PURSLEY, JOHN T., US
[71] CESI CHEMICAL, INC., US
[85] 2014-11-24
[86] 2013-04-15 (PCT/US2013/036650)
[87] (WO2013/158567)
[30] US (61/624,337) 2012-04-15
[30] US (61/733,872) 2012-12-05

[21] **2,874,594**
[13] A1

[51] **Int.Cl. E06B 3/263 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INSULATING STRUCTURAL BUILDING COMPONENTS**
[54] **PROCEDE ET SYSTEME D'ISOLATION DE COMPOSANTS STRUCTURAUX DE BATIMENTS**
[72] BENES, PHILIP M., US
[71] OLDCASTLE BUILDINGENVELOPE INC., US
[85] 2014-11-24
[86] 2013-03-13 (PCT/US2013/031075)
[87] (WO2013/180805)
[30] US (61/652,968) 2012-05-30

[21] **2,874,596**
[13] A1

[51] **Int.Cl. G01R 33/26 (2006.01) G01V 3/32 (2006.01)**
[25] EN
[54] **DOWNHOLE ALL-OPTICAL MAGNETOMETER SENSOR**
[54] **SONDE DE MAGNETOMETRE TOUT OPTIQUE DE FOND DE TROU**
[72] STOKELY, CHRISTOPHER LEE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-24
[86] 2013-03-19 (PCT/US2013/032917)
[87] (WO2014/003859)
[30] US (13/532,538) 2012-06-25

[21] **2,874,603**
[13] A1

[51] **Int.Cl. G06Q 20/34 (2012.01) G06F 21/77 (2013.01) G07F 7/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SECURING AND MANAGING APPLICATIONS ON SECURE ELEMENTS**
[54] **SYSTEMES, PROCEDES ET PROGICIELS INFORMATIQUES POUR LA SECURISATION ET LA GESTION D'APPLICATIONS SUR DES ELEMENTS SECURISES**
[72] WATSON, CURTIS W., US
[71] JVL VENTURES, LLC, US
[85] 2014-11-24
[86] 2013-04-05 (PCT/US2013/035406)
[87] (WO2014/031183)
[30] US (61/693,089) 2012-08-24

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[21] **2,874,606**
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01)**
[25] EN
[54] **ADAPTING A BATTERY VOLTAGE**
[54] **ADAPTATION D'UNE TENSION DE BATTERIE**
[72] KERFOOT, ROY L., JR., US
[72] HERRMANN, JOHN E., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2014-11-24
[86] 2013-05-06 (PCT/US2013/039648)
[87] (WO2013/180901)
[30] US (13/485,333) 2012-05-31

[21] **2,874,607**
[13] A1

[51] **Int.Cl. C08F 293/00 (2006.01) B82Y 30/00 (2011.01) C08J 7/00 (2006.01) C08L 53/00 (2006.01) G02B 1/00 (2006.01)**
[25] EN
[54] **POLYMERS AND NANOGEL MATERIALS AND METHODS FOR MAKING AND USING THE SAME**
[54] **POLYMERES ET MATERIAUX DE TYPE NANO-GEL ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SCALES, CHARLES W., US
[72] MCCABE, KEVIN P., US
[72] HEALY, BRENT MATTHEW, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2014-11-24
[86] 2013-05-08 (PCT/US2013/040066)
[87] (WO2013/176886)
[30] US (61/651,767) 2012-05-25

[21] **2,874,608**
[13] A1

[51] **Int.Cl. C01D 15/04 (2006.01)**
[25] EN
[54] **PREPARATION OF HIGH-PURITY LITHIUM FLUORIDE**
[54] **PRODUCTION DE FLUORURE DE LITHIUM EXTREMEMENT PUR**
[72] BOLL, MATTHIAS, DE
[72] EBENBECK, WOLFGANG, DE
[72] KUCKERT, EBERHARD, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2014-11-24
[86] 2013-05-23 (PCT/EP2013/060652)
[87] (WO2013/174938)
[30] EP (12169563.9) 2012-05-25

[21] **2,874,609**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01)**
[25] EN
[54] **METHODS FOR ENGINEERING ALLOGENEIC AND IMMUNOSUPPRESSIVE RESISTANT T CELL FOR IMMUNOTHERAPY**
[54] **PROCEDES POUR MODIFIER DES LYMPHOCYTES T RESISTANTS ALLOGENIQUES ET IMMUNOSUPPRESSEURS POUR L'IMMUNOTHERAPIE**
[72] GOUBLE, AGNES, FR
[72] GROSSE, STEPHANIE, FR
[72] MANNIOUI, CECILE, FR
[72] POIROT, LAURENT, FR
[72] SCHARENBERG, ANDREW, US
[72] SMITH, JULIANNE, FR
[72] GALETTO, ROMAN, FR
[71] CELLECTIS, FR
[85] 2014-11-24
[86] 2013-05-13 (PCT/US2013/040755)
[87] (WO2013/176915)
[30] US (61/651,933) 2012-05-25
[30] US (61/696,612) 2012-09-04

[21] **2,874,610**
[13] A1

[51] **Int.Cl. C01D 15/00 (2006.01) C01B 15/00 (2006.01)**
[25] EN
[54] **HIGH-PURITY LITHIUM HEXAFLUOROPHOSPHATE**
[54] **HEXAFLUOROPHOSPHATE DE LITHIUM EXTREMEMENT PUR**
[72] BOLL, MATTHIAS, DE
[72] EBENBECK, WOLFGANG, DE
[72] KUCKERT, EBERHARD, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2014-11-24
[86] 2013-05-23 (PCT/EP2013/060659)
[87] (WO2013/174941)
[30] EP (12169561.3) 2012-05-25

[21] **2,874,611**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01)**
[25] EN
[54] **USE OF PRE T ALPHA OR FUNCTIONAL VARIANT THEREOF FOR EXPANDING TCR ALPHA DEFICIENT T CELLS**
[54] **UTILISATION DE PRE-T ALPHA OU D'UN VARIANT FONCTIONNEL DE CELUI-CI POUR EXPANDER DES LYMPHOCYTES T DEFICIENTS EN TCR-ALPHA**
[72] GALETTO, ROMAN, FR
[72] GOUBLE, AGNES, FR
[72] GROSSE, STEPHANIE, FR
[72] MANNIOUI, CECILE, FR
[72] POIROT, LAURENT, FR
[72] SCHARENBERG, ANDREW, US
[72] SMITH, JULIANNE, FR
[71] CELLECTIS, FR
[85] 2014-11-24
[86] 2013-05-13 (PCT/US2013/040766)
[87] (WO2013/176916)
[30] US (61/651,933) 2012-05-25
[30] US (61/696,612) 2012-09-04

[21] **2,874,612**
[13] A1

[51] **Int.Cl. H04L 9/00 (2006.01) H04L 9/06 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING A PSEUDORANDOM SEQUENCE, AND METHOD FOR CODING OR DECODING A DATA STREAM**
[54] **PROCEDE DE GENERATION D'UNE SEQUENCE PSEUDO-ALEATOIRE, ET PROCEDE DE CODAGE OU DE DECODAGE D'UN FLUX DE DONNEES**
[72] VIDAL CASSANYA, GERARD, ES
[71] ENIGMEDIA SLL, ES
[85] 2014-11-24
[86] 2013-05-23 (PCT/EP2013/060662)
[87] (WO2013/174944)
[30] EP (12382201.7) 2012-05-24
[30] US (61/682,964) 2012-08-14

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[21] **2,874,613**
[13] A1

[51] **Int.Cl. A61J 1/03 (2006.01) B65D 75/36 (2006.01)**
[25] EN
[54] **PERSONAL AIR FRESHENER**
[54] **DESODORISANT PERSONNEL**
[72] LEON, JESSICA ELIZABETH, US
[72] BUSH, STEPHAN GARY, US
[72] GRUENBACHER, DANA PAUL, US
[72] CANNON, WILLIAM MICHAEL, US
[72] ROMLEIN, ANDREW ISAAC, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-11-24
[86] 2013-05-14 (PCT/US2013/040899)
[87] (WO2013/176925)
[30] US (61/649,986) 2012-05-22

[21] **2,874,615**
[13] A1

[51] **Int.Cl. G02F 1/31 (2006.01) G02B 6/35 (2006.01) G02B 6/42 (2006.01) G02F 1/1333 (2006.01) G02F 1/139 (2006.01) H04Q 11/00 (2006.01)**
[25] EN
[54] **HIGH POWER OPTICAL SWITCH**
[54] **COMMUTATEUR OPTIQUE DE GRANDE PUISSANCE**
[72] SMITH, IRL W., US
[72] DORSCHNER, TERRY A., US
[71] RAYTHEON COMPANY, US
[85] 2014-11-20
[86] 2013-05-24 (PCT/US2013/042641)
[87] (WO2013/177511)
[30] US (61/651,292) 2012-05-24

[21] **2,874,616**
[13] A1

[51] **Int.Cl. G02F 1/1343 (2006.01) G02B 6/42 (2006.01) G02F 1/1333 (2006.01) G02F 1/1334 (2006.01) G02F 1/29 (2006.01)**
[25] EN
[54] **LIQUID CRYSTAL CONTROL STRUCTURE, TIP-TILT-FOCUS OPTICAL PHASED ARRAY AND HIGH POWER ADAPTIVE OPTIC**
[54] **STRUCTURE DE COMMANDE A CRISTAUX LIQUIDES, RESEAU A COMMANDE DE PHASE OPTIQUE A CORRECTION DE BASCULEMENT ET DE FOCALISATION, ET OPTIQUE ADAPTATIVE DE GRANDE PUISSANCE**
[72] SMITH, IRL W., US
[72] DORSCHNER, TERRY A., US
[72] KIRCHNER, AMANDA J., US
[72] COLLINS, STEVEN R., US
[72] RESLER, DANIEL P., US
[72] PALMACCIO, LINDA A., US
[71] RAYTHEON COMPANY, US
[85] 2014-11-20
[86] 2013-05-24 (PCT/US2013/042653)
[87] (WO2013/177519)
[30] US (61/651,440) 2012-05-24

[21] **2,874,617**
[13] A1

[51] **Int.Cl. A47B 88/04 (2006.01)**
[25] EN
[54] **DRAWER SLIDE**
[54] **GLISSIERE DE TIROIR**
[72] KOELLING, FRED, US
[72] SUBRAMANYAM, VENUGOPAL, US
[71] FIN QUIVER, INC., US
[85] 2014-11-20
[86] 2013-05-24 (PCT/US2013/042724)
[87] (WO2013/177553)
[30] US (61/652,094) 2012-05-25

[21] **2,874,618**
[13] A1

[51] **Int.Cl. F01D 5/18 (2006.01)**
[25] EN
[54] **AIRFOIL COOLING CIRCUIT AND CORRESPONDING AIRFOIL**
[54] **CIRCUIT DE REFROIDISSEMENT DE PROFIL AERODYNAMIQUE ET PROFIL AERODYNAMIQUE CORRESPONDANT**
[72] BERGHOLZ, ROBERT FREDERICK, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-11-20
[86] 2013-05-28 (PCT/US2013/042837)
[87] (WO2013/181132)
[30] US (61/653,681) 2012-05-31

[21] **2,874,619**
[13] A1

[51] **Int.Cl. H01R 33/00 (2006.01)**
[25] EN
[54] **GROUND POWER CONNECTOR SAVER**
[54] **APPAREIL ECONOMISEUR DE CONNECTEUR D'ALIMENTATION DE PARC**
[72] WHITE, JOHN ANDREW, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2014-11-24
[86] 2013-05-21 (PCT/US2013/041948)
[87] (WO2013/181020)
[30] US (13/483,826) 2012-05-30

[21] **2,874,620**
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/00 (2006.01) A61B 17/11 (2006.01) A61B 17/20 (2006.01) A61B 18/04 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **ENDOSCOPIC SYMPATHECTOMY SYSTEMS AND METHODS**
[54] **SYSTEMES DE SYMPATHECTOMIE ENDOSCOPIQUES ET PROCEDES**
[72] TOTH, LANDY, US
[72] SCHWARTZ, ROBERT, US
[71] AUTONOMIX MEDICAL, INC., US
[85] 2014-11-20
[86] 2013-05-28 (PCT/US2013/042847)
[87] (WO2013/181137)
[30] US (61/652,426) 2012-05-29

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[21] **2,874,621**
[13] A1

[51] **Int.Cl. C07C 311/51 (2006.01) A61K 31/18 (2006.01) A61K 31/44 (2006.01) A61K 31/445 (2006.01) A61P 25/04 (2006.01) C07D 207/08 (2006.01) C07D 213/82 (2006.01) C07D 307/12 (2006.01)**

[25] EN

[54] **N-SUBSTITUTED BENZAMIDES AND THEIR USE IN THE TREATMENT OF PAIN**

[54] **BENZAMIDES N-SUBSTITUES ET LEUR UTILISATION DANS LE TRAITEMENT DE LA DOULEUR**

[72] ANDREZ, JEAN-CHRISTOPHE, CA

[72] CHOWDHURY, SULTAN, CA

[72] DECKER, SHANNON, CA

[72] DEHNHARDT, CHRISTOPH MARTIN, CA

[72] FOCKEN, THILO, CA

[72] GRIMWOOD, MICHAEL EDWARD, CA

[72] HEMEON, IVAN WILLIAM, CA

[72] JIA, QI, CA

[72] LI, JUN, US

[72] ORTWINE, DANIEL F., US

[72] SAFINA, BRIAN, US

[72] SHENG, TAO, CA

[72] SUN, SHAOYI, CA

[72] SUTHERLIN, DANIEL P., US

[72] WILSON, MICHAEL SCOTT, CA

[72] ZENOVA, ALLA YUREVNA, CA

[71] GENENTECH, INC., US

[71] XENON PHARMACEUTICALS INC., CA

[85] 2014-11-24

[86] 2013-05-21 (PCT/US2013/042111)

[87] (WO2013/177224)

[30] IB (PCT/IB2012/001324) 2012-05-22

[30] US (61/650,934) 2012-05-23

[30] US (61/785,601) 2013-03-14

[21] **2,874,622**
[13] A1

[51] **Int.Cl. A61L 26/00 (2006.01)**

[25] EN

[54] **OXIDIZED REGENERATED CELLULOSE HEMOSTATIC POWDERS AND METHODS OF MAKING**

[54] **POUDRES HEMOSTATIQUES DE CELLULOSE REGENEREES OXYDEE ET PROCEDES DE FABRICATION**

[72] WANG, YI-LAN, US

[72] ZHANG, GUANGHUI, US

[71] ETHICON, INC., US

[85] 2014-11-24

[86] 2013-05-22 (PCT/US2013/042149)

[87] (WO2013/177242)

[30] US (13/480,842) 2012-05-25

[21] **2,874,624**
[13] A1

[51] **Int.Cl. G01N 22/00 (2006.01)**

[25] EN

[54] **SENSOR APPARATUS FOR MEASUREMENT OF MATERIAL PROPERTIES**

[54] **APPAREIL DE DETECTION SERVANT A MESURER LES PROPRIETES D'UN MATERIAU**

[72] SHARMA, PRAFULL, IN

[72] KOYITHITTA MEETHAL, MANOJ KUMAR, IN

[72] SHEILA-VADDE, APARNA CHAKRAPANI, IN

[72] BHAT, SUMA MEMANA NARAYANA, IN

[72] VELAYUDHAN, VIPIN, IN

[71] GENERAL ELECTRIC COMPANY, US

[85] 2014-11-20

[86] 2013-05-29 (PCT/US2013/042955)

[87] (WO2013/181173)

[30] IN (2174/CHE/2012) 2012-05-30

[21] **2,874,626**
[13] A1

[51] **Int.Cl. H05B 3/48 (2006.01)**

[25] EN

[54] **VARIABLE PITCH RESISTANCE COIL HEATER**

[54] **DISPOSITIF DE CHAUFFAGE A BOBINE DE RESISTANCE A PAS VARIABLE**

[72] LONG, DENNIS P., US

[72] JULIANO, ROLANDO O., US

[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US

[85] 2014-11-24

[86] 2013-05-22 (PCT/US2013/042181)

[87] (WO2013/177257)

[30] US (13/481,667) 2012-05-25

[21] **2,874,628**
[13] A1

[51] **Int.Cl. A61M 5/38 (2006.01) A61M 39/20 (2006.01)**

[25] EN

[54] **SELF-PRIMING, ANTI-FREE FLOW VALVE FOR INFUSION PUMPS**

[54] **VANNE SANS ECOULEMENT LIBRE A AMORCE AUTOMATIQUE POUR POMPES A PERFUSION**

[72] UNVERDORBEN, MARTIN, US

[72] GRIMM, JOHN D., US

[72] BARTHOLOMEW, JOEL M., US

[72] RAINES, KENNETH C., US

[71] B. BRAUN MEDICAL, INC., US

[85] 2014-11-20

[86] 2013-05-29 (PCT/US2013/042998)

[87] (WO2013/188103)

[30] US (13/524,520) 2012-06-15

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[21] **2,874,629**
[13] A1

[51] **Int.Cl. G01F 15/00 (2006.01) H04W 84/18 (2009.01) G01F 1/075 (2006.01) G01F 1/115 (2006.01) G01F 15/06 (2006.01) H02J 7/00 (2006.01) H02K 1/06 (2006.01) H04Q 9/00 (2006.01) G01R 33/07 (2006.01) H02J 15/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR GENERATING POWER THROUGH THE FLOW OF WATER**

[54] **SYSTEMES ET PROCEDES POUR PRODUIRE DE L'ENERGIE ELECTRIQUE PAR L'ECOULEMENT D'EAU**

[72] PITCHFORD, BARTH R., US
[72] PITCHFORD, WILLIAM D., US
[72] SIMON, ROBERT P., US
[72] NAGEL, STEVEN, US
[72] NARDI, BENEDICT J., US
[72] SMITH, RUSSELL S., US
[71] MUELLER INTERNATIONAL LLC, US

[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042467)
[87] (WO2013/184382)
[30] US (13/492,410) 2012-06-08

[21] **2,874,630**
[13] A1

[51] **Int.Cl. G01N 11/04 (2006.01) C08L 23/06 (2006.01) G06F 17/10 (2006.01)**

[25] EN

[54] **CONTROLLING MELT FRACTURE IN BIMODAL RESIN PIPE**

[54] **CONTROLE DE LA FRAGILITE DE FUSION DANS UN CONDUIT DE RESINE BIMODALE**

[72] INN, YONGWOO, US
[72] DESLAURIERS, PAUL J., US
[72] YANG, QING, US
[72] SUKHADIA, ASHISH M., US
[72] ROHLFING, DAVID C., US
[72] MAEGER, PAMELA L., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US

[85] 2014-11-20
[86] 2013-05-29 (PCT/US2013/043154)
[87] (WO2013/181274)
[30] US (61/654,018) 2012-05-31
[30] US (13/660,747) 2012-10-25
[30] US (13/660,750) 2012-10-25
[30] US (13/660,777) 2012-10-25

[21] **2,874,631**
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/48 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR EVALUATING SYSTEMS ASSOCIATED WITH WELLHEADS**

[54] **APPAREIL ET PROCEDES D'EVALUATION DE SYSTEMES ASSOCIES A DES TETES DE Puits**

[72] HUNTER, SCOTT, US
[71] S.P.M. FLOW CONTROL, INC., US

[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042345)
[87] (WO2013/177353)
[30] US (61/651,819) 2012-05-25

[21] **2,874,632**
[13] A1

[51] **Int.Cl. H01M 10/48 (2006.01)**

[25] EN

[54] **ESTIMATING CORE TEMPERATURES OF BATTERY CELLS IN A BATTERY PACK**

[54] **ESTIMATION DE TEMPERATURES DE NOYAU DE CELLULES DE BATTERIE DANS UN BLOC-BATTERIE**

[72] LIN, XINFAN, US
[72] STEFANOPOULOU, ANNA G., US
[72] DING, YI, US
[72] CASTANIER, MATTHEW P., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY (THE), US

[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042496)
[87] (WO2013/177442)
[30] US (61/650,760) 2012-05-23

[21] **2,874,633**
[13] A1

[51] **Int.Cl. H04N 7/14 (2006.01)**

[25] EN

[54] **INCREMENTAL PREPARATION OF VIDEOS FOR DELIVERY**

[54] **PREPARATION INCREMENTALE DE VIDEOS POUR UNE DISTRIBUTION**

[72] KOKKU, RAVINDRANATH, IN
[72] DEVI, UMAMAHESWARI, IN
[72] CHETLUR, MALOLAN, IN
[72] KORGAONKAR, KUNAL, IN
[72] KALYANARAMAN, SHIVKUMAR, IN

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2014-11-20
[86] 2013-05-31 (PCT/IB2013/054498)
[87] (WO2014/001927)
[30] US (13/538,959) 2012-06-29

[21] **2,874,634**
[13] A1

[51] **Int.Cl. B65D 13/02 (2006.01) B65D 45/30 (2006.01)**

[25] EN

[54] **SCREW-ON GLASS CLOSURE AND PACKAGE**

[54] **FERMETURE EN VERRE A VISSAGE ET EMBALLAGE**

[72] CHISHOLM, BRIAN J., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US

[85] 2014-11-24
[86] 2013-05-29 (PCT/US2013/042965)
[87] (WO2014/011325)
[30] US (13/545,374) 2012-07-10

[21] **2,874,635**
[13] A1

[51] **Int.Cl. H01R 24/20 (2011.01) B29C 45/14 (2006.01) H01R 4/28 (2006.01)**

[25] EN

[54] **CONTROLLED FORCE GROUND POWER CONNECTOR**

[54] **PRISE D'ALIMENTATION DE PARC A FORCE CONTROLEE**

[72] WHITE, JOHN ANDREW, US
[71] COOPER TECHNOLOGIES COMPANY, US

[85] 2014-11-24
[86] 2013-05-21 (PCT/US2013/041946)
[87] (WO2014/062239)
[30] US (13/481,786) 2012-05-26

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[21] **2,874,636**
[13] A1

[51] **Int.Cl. E05B 65/00 (2006.01)**
[25] EN
[54] **DOOR LOCK SENSOR AND ALARM**
[54] **CAPTEUR DE SERRURE DE PORTE ET ALARME**
[72] COMERFORD, TIMOTHY NOONAN, US
[72] BATY, DAVID MATHEW, US
[72] AINLEY, WILLIAM BRIAN, US
[72] RETTIG, RAYMOND F., US
[72] AHEARN, JOHN ROBERT, US
[72] LYON, JOE, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042497)
[87] (WO2013/177443)
[30] US (61/650,830) 2012-05-23

[21] **2,874,637**
[13] A1

[51] **Int.Cl. D06F 58/10 (2006.01)**
[25] EN
[54] **SCENT ELIMINATING LOCKER**
[54] **ARMOIRE D'ELIMINATION DE SENTEUR**
[72] ZIMMERMAN, JAMIE, US
[71] ZIMMERMAN, JAMIE, US
[85] 2014-11-24
[86] 2013-05-29 (PCT/US2013/043073)
[87] (WO2013/181227)
[30] US (13/483,323) 2012-05-30

[21] **2,874,638**
[13] A1

[51] **Int.Cl. G01V 3/40 (2006.01) G01V 3/26 (2006.01)**
[25] EN
[54] **SENSING THE MAGNETIC FIELD OF THE EARTH**
[54] **DETECTION DU CHAMP MAGNETIQUE DE LA TERRE**
[72] SHUMWAY, JIM, US
[72] WOOLSTON, SCOTT, US
[72] ORBAN, JACQUES, US
[72] MANWILL, DANIEL, US
[72] REES, KEVIN, US
[72] JONES, CHRISTOPHER, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-11-24
[86] 2013-05-22 (PCT/US2013/042227)
[87] (WO2013/177281)
[30] US (13/479,263) 2012-05-23

[21] **2,874,640**
[13] A1

[51] **Int.Cl. A61K 31/65 (2006.01)**
[25] EN
[54] **7-DISUBSTITUTED-PHENYL TETRACYCLINE DERIVATIVES**
[54] **DERIVES DE 7-(PHENYL DISUBSTITUE)-TETRACYCLINE**
[72] BOWSER, TODD, US
[72] ABATO, PAUL, US
[71] PARATEK PHARMACEUTICALS, INC., US
[85] 2014-11-24
[86] 2013-05-30 (PCT/US2013/043363)
[87] (WO2013/181391)
[30] US (61/653,262) 2012-05-30

[21] **2,874,642**
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ORDER MATCHING**
[54] **PROCEDES ET SYSTEMES D'APPARIEMENT D'ORDRES**
[72] MALATESTA, ROBERTO, IT
[72] CASTAGNA, ANTONIO, IT
[72] BOIARDI, DAVIDE, GB
[71] BGC PARTNERS, INC., US
[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042424)
[87] (WO2013/177395)
[30] US (13/478,201) 2012-05-23

[21] **2,874,643**
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADJUSTING A VIRTUAL TRY-ON**
[54] **SYSTEMES ET PROCEDES POUR AJUSTER UN ESSAYAGE VIRTUEL**
[72] COON, JONATHAN, US
[72] ENGLE, RYAN, US
[71] GLASSES.COM INC., US
[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042512)
[87] (WO2013/177456)
[30] US (61/650,983) 2012-05-23
[30] US (61/735,951) 2012-12-11
[30] US (13/775,785) 2013-02-25

[21] **2,874,645**
[13] A1

[51] **Int.Cl. G05D 16/00 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL AND/OR MONITOR A PNEUMATIC ACTUATOR**
[54] **PROCEDES ET APPAREIL DE COMMANDE ET/OU DE SURVEILLANCE D'UN ACTIONNEUR PNEUMATIQUE**
[72] JENSEN, KURTIS KEVIN, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2014-11-24
[86] 2013-06-06 (PCT/US2013/044411)
[87] (WO2013/184863)
[30] US (13/492,045) 2012-06-08

[21] **2,874,646**
[13] A1

[51] **Int.Cl. C07K 14/00 (2006.01) C07K 14/76 (2006.01) C07K 17/00 (2006.01)**
[25] EN
[54] **NON-NATURAL CONSENSUS ALBUMIN BINDING DOMAINS**
[54] **DOMAINES CONSENSUS NON ENDOGENES DE LIAISON A L'ALBUMINE**
[72] JACOBS, STEVEN, US
[71] JANSSEN BIOTECH, INC., US
[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042429)
[87] (WO2013/177398)
[30] US (61/651,642) 2012-05-25
[30] US (61/776,918) 2013-03-12

Demandes PCT entrant en phase nationale

[21] **2,874,648**
[13] A1

[51] **Int.Cl. A61K 8/06 (2006.01) A61K 8/34 (2006.01) A61K 8/55 (2006.01) A61K 8/85 (2006.01) A61Q 17/04 (2006.01)**

[25] EN

[54] **SUNSCREEN COMPOSITIONS CONTAINING AN ULTRAVIOLET RADIATION-ABSORBING POLYESTER**

[54] **COMPOSITIONS ANTISOLAIRES CONTENANT UN POLYESTER ABSORBANT LES RAYONNEMENTS ULTRAVIOLETS**

[72] DALY, SUSAN, US

[72] BURGO, ROCCO VINCENT, US

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

[85] 2014-11-24

[86] 2013-06-18 (PCT/US2013/046336)

[87] (WO2014/004173)

[30] US (13/535,909) 2012-06-28

[30] US (13/710,555) 2012-12-11

[21] **2,874,649**
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 30/06 (2012.01)**

[25] EN

[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL**

[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR FOURNIR UN PROTOCOLE SANS CONTACT**

[72] BUSH, LARRY L., US

[72] TOMCZAK, CHRISTOPHER J., US

[71] JVL VENTURES, LLC, US

[85] 2014-11-24

[86] 2013-05-23 (PCT/US2013/042451)

[87] (WO2013/177412)

[30] US (61/651,276) 2012-05-24

[30] US (61/772,260) 2013-03-04

[30] US (61/794,545) 2013-03-15

[21] **2,874,650**
[13] A1

[51] **Int.Cl. G06T 17/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR GENERATING A 3-D MODEL OF A VIRTUAL TRY-ON PRODUCT**

[54] **SYSTEMES ET PROCEDES POUR GENERER UN MODELE 3D D'UN PRODUIT D'ESSAYAGE VIRTUEL**

[72] COON, JONATHAN, US

[72] GRAVOIS, ADAM, US

[72] ENGLE, RYAN, US

[72] TURETSKY, DARREN, US

[71] GLASSES.COM INC., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/US2013/042525)

[87] (WO2013/177464)

[30] US (61/650,983) 2012-05-23

[30] US (61/735,951) 2012-12-11

[30] US (13/837,039) 2013-03-15

[21] **2,874,651**
[13] A1

[51] **Int.Cl. G06F 13/364 (2006.01)**

[25] EN

[54] **CONTROL OF DEVICE FEATURES BASED ON VEHICLE STATE**

[54] **COMMANDE DES CARACTERISTIQUES D'UN VEHICULE SUR LA BASE DE L'ETAT D'UN VEHICULE**

[72] RICCI, CHRISTOPHER P., US

[71] FLEXTRONICS AP, LLC, US

[85] 2014-11-24

[86] 2013-05-30 (PCT/US2013/043211)

[87] (WO2013/181310)

[30] US (61/653,275) 2012-05-30

[30] US (61/653,264) 2012-05-30

[30] US (61/653,563) 2012-05-31

[30] US (61/663,335) 2012-06-22

[30] US (61/672,483) 2012-07-17

[30] US (61/714,016) 2012-10-15

[30] US (13/679,676) 2012-11-16

[21] **2,874,652**
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 30/06 (2012.01)**

[25] EN

[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING A CONTACTLESS PROTOCOL**

[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR FOURNIR UN PROTOCOLE SANS CONTACT**

[72] BUSH, LARRY L., US

[72] TOMCZAK, CHRISTOPHER J., US

[71] JVL VENTURES, LLC, US

[85] 2014-11-24

[86] 2013-05-23 (PCT/US2013/042455)

[87] (WO2013/177416)

[30] US (61/651,276) 2012-05-24

[30] US (61/772,260) 2013-03-04

[30] US (61/794,545) 2013-03-15

[21] **2,874,654**
[13] A1

[51] **Int.Cl. D04H 1/4382 (2012.01) D04H 1/4218 (2012.01) D04H 1/541 (2012.01)**

[25] EN

[54] **NONWOVEN COMPOSITE FABRIC AND PANEL MADE THEREFROM**

[54] **TISSU COMPOSITE NON TISSE ET PANNEAU REALISE A PARTIR DE CE DERNIER**

[72] STOLL, JOHN ROBERT, US

[71] WM. T. BURNETT IP, LLC, US

[85] 2014-11-24

[86] 2013-05-30 (PCT/US2013/043210)

[87] (WO2013/181309)

[30] US (61/653,770) 2012-05-31

[30] US (13/904,417) 2013-05-29

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[21] **2,874,655**
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/05 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS OF REGULATING CANNABINOID RECEPTOR ACTIVITY-RELATED DISORDERS AND DISEASES**

[54] **PROCEDES DE REGULATION DE TROUBLES ET MALADIES ASSOCIES A UNE ACTIVITE DE RECEPTEUR CANNABINOIDE**

[72] WAINER, IRVING W., US

[72] BERNIER, MICHEL, US

[72] PAUL, RAJIB K., US

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

[85] 2014-11-24

[86] 2013-05-23 (PCT/US2013/042457)

[87] (WO2013/177418)

[30] US (61/651,961) 2012-05-25

[30] US (61/789,629) 2013-03-15

[21] **2,874,657**
[13] A1

[51] **Int.Cl. A61M 25/01 (2006.01) A61B 1/005 (2006.01)**

[25] EN

[54] **ELONGATE MEDICAL INSTRUMENT WITH SHEATH**

[54] **INSTRUMENT MEDICAL ALLONGE AYANT UNE GAINE**

[72] NIEMAN, TIMOTHY R., US

[72] HANOVER, BARRY K., US

[71] VERITRACT, US

[71] NIEMAN, TIMOTHY R., US

[71] HANOVER, BARRY K., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/US2013/042534)

[87] (WO2013/177469)

[30] US (61/650,800) 2012-05-23

[21] **2,874,658**
[13] A1

[51] **Int.Cl. A61K 6/00 (2006.01) A61Q 11/02 (2006.01)**

[25] EN

[54] **PROTECTIVE WAX FOR BLEACHED TEETH**

[54] **CIRE PROTECTRICE POUR DENTS BLANCHIES**

[72] DRAGAN, WILLIAM B., US

[71] CENTRIX, INC., US

[85] 2014-11-24

[86] 2013-05-31 (PCT/US2013/043504)

[87] (WO2013/181479)

[30] US (61/654,578) 2012-06-01

[21] **2,874,661**
[13] A1

[51] **Int.Cl. A61F 2/958 (2013.01) A61B 5/03 (2006.01) A61B 17/12 (2006.01) A61M 25/10 (2013.01)**

[25] EN

[54] **CONTROL CATHETERS AND METHODS FOR PULMONARY SUFFUSION AND RELATED THERAPIES**

[54] **CATHETERS ET PROCEDES DE COMMANDE POUR UNE PENETRATION PULMONAIRE ET THERAPIES ASSOCIEES**

[72] DEMMY, TODD L., US

[71] HEALTH RESEARCH, INC., US

[85] 2014-11-24

[86] 2013-05-23 (PCT/US2013/042543)

[87] (WO2013/177475)

[30] US (61/650,516) 2012-05-23

[21] **2,874,663**
[13] A1

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/266 (2011.01) H04N 21/4627 (2011.01) H04N 21/835 (2011.01)**

[25] EN

[54] **POLICY ENFORCEMENT FOR MULTIPLE DEVICES USING AN AUDIENCE DEFINITION**

[54] **MISE EN APPLICATION DE POLITIQUES POUR DES DISPOSITIFS MULTIPLES A L'AIDE D'UNE DEFINITION D'AUDIENCE**

[72] BAHNCK, THOMAS J., US

[71] GENERAL INSTRUMENT CORPORATION, US

[85] 2014-11-24

[86] 2013-05-30 (PCT/US2013/043458)

[87] (WO2013/181456)

[30] US (13/485,745) 2012-05-31

[21] **2,874,664**
[13] A1

[51] **Int.Cl. C08F 293/00 (2006.01) B82Y 30/00 (2011.01) C08F 220/58 (2006.01) C08J 7/00 (2006.01) C08L 53/00 (2006.01) G02B 1/04 (2006.01)**

[25] EN

[54] **CONTACT LENSES COMPRISING WATER SOLUBLE N-(2-HYDROXYALKYL)(METH)ACRYLAMIDE POLYMERS OR COPOLYMERS**

[54] **LENTILLES DE CONTACT COMPRENANT DES POLYMERES OU COPOLYMERES HYDROSOLUBLES A BASE DE N-(2-HYDROXYALKYL)(METH)ACRYLAMIDE**

[72] SCALES, CHARLES W., US

[72] MCCABE, KEVIN P., US

[72] HEALY, BRENT MATTHEW, US

[71] JOHNSON & JOHNSON VISION CARE, INC., US

[85] 2014-11-24

[86] 2013-05-24 (PCT/US2013/042644)

[87] (WO2013/177513)

[30] US (61/651,767) 2012-05-25

[30] US (61/771,961) 2013-03-04

[30] US (61/771,959) 2013-03-04

[30] US (13/840,919) 2013-03-15

[30] US (13/899,694) 2013-05-22

[30] US (13/899,676) 2013-05-22

[21] **2,874,666**
[13] A1

[51] **Int.Cl. H02N 11/00 (2006.01)**

[25] EN

[54] **INTERACTING COMPLEX ELECTRIC FIELDS AND STATIC ELECTRIC FIELDS TO EFFECT MOTION**

[54] **CHAMPS ELECTRIQUES COMPLEXES ET CHAMPS ELECTRIQUES STATIQUES INTERAGISSANT POUR PRODUIRE UN MOUVEMENT**

[72] BANDURIC, RICHARD, US

[71] BANDURIC, RICHARD, US

[85] 2014-11-24

[86] 2013-06-28 (PCT/US2013/048410)

[87] (WO2014/008116)

[30] US (13/543,688) 2012-07-06

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[21] **2,874,667**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **CONTEXTUAL USER INTERFACE**
[54] **INTERFACE UTILISATEUR CONTEXTUELLE**
[72] CUPALA, SHIRAZ, US
[72] ESPOSITO, MARIO, US
[72] KANGA, CYRUS, US
[72] MULCAHY, KATHLEEN PATRICIA, US
[72] MEDAK, MATTHEW ALAN, US
[72] BLACK, NEIL WARREN, US
[72] TUDOR, ALEXANDER D., US
[72] VOREIS, ERIC CHRISTOPHER, US
[72] SCHIEFELBEIN, WILLIAM F., US
[72] XU, ZHANGWEI, US
[72] LOBB, KENNETH ALAN, US
[72] PESSNER, RONALD OSWIN, JR., US
[72] TUCK, JASON ROBERT, US
[72] BRODIE, HEATHER GRANTHAM, US
[72] STACHNIAK, SZYMON PIOTR, US
[72] ELLIOTT, JOHN DARREN, US
[72] WOON, CLINTON CHI-WEN, US
[72] SONGCO, RUSSELL P., US
[72] NAGER, HOWARD B., US
[72] ZANA, JOSHUA C., US
[72] HADDAH, MARC VICTOR, US
[72] SOULE, ALEXANDER JAMES, US
[71] MICROSOFT CORPORATION, US
[85] 2014-11-24
[86] 2013-05-24 (PCT/US2013/042547)
[87] (WO2013/181073)
[30] US (61/654,638) 2012-06-01
[30] US (13/725,925) 2012-12-21

[21] **2,874,668**
[13] A1

[51] **Int.Cl. H02K 5/26 (2006.01)**
[25] EN
[54] **BRACKET ASSEMBLIES FOR USE WITH ACTUATORS**
[54] **ENSEMBLES DE SUPPORT POUR L'UTILISATION AVEC DES ACTIONNEURS**
[72] RACHUY, MARK ALLEN, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2014-11-24
[86] 2013-05-29 (PCT/US2013/043026)
[87] (WO2013/184460)
[30] US (13/488,013) 2012-06-04

[21] **2,874,669**
[13] A1

[51] **Int.Cl. C12P 19/14 (2006.01) C12M 1/40 (2006.01) C12P 19/02 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS**
[54] **TRAITEMENT DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] LAVIGNE, RANDY, US
[72] HUANG, JAMIE K., US
[72] CREAMY, KAITLYN, US
[71] XYLECO, INC., US
[85] 2014-11-24
[86] 2013-07-01 (PCT/US2013/048963)
[87] (WO2014/008203)
[30] US (61/667,156) 2012-07-02

[21] **2,874,670**
[13] A1

[51] **Int.Cl. A61F 5/44 (2006.01) A61F 5/445 (2006.01)**
[25] EN
[54] **AN OSTOMY POUCH**
[54] **POCHE DE STOMIE**
[72] RICHMANN, SUSSIE, DK
[72] GRUM-SCHWENSEN, CHRISTEN, DK
[72] RASMUSSEN, CLAUS, DK
[72] MOLLER-JENSEN, PETER, DK
[72] TOFT, TUE KJAERGAARD, DK
[72] CLAUSEN, JAN, DK
[72] FRELLESVIG, IBEN, DK
[72] STENVANG, MICHAEL, DK
[71] HOLLISTER INCORPORATED, US
[85] 2014-11-24
[86] 2013-05-31 (PCT/US2013/043534)
[87] (WO2013/181493)
[30] EP (12170216.1) 2012-05-31

[21] **2,874,671**
[13] A1

[51] **Int.Cl. A61F 2/06 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **VASCULAR ACCESS CONFIGURATION**
[54] **CONFIGURATION D'ACCES VASCULAIRE**
[72] ELLINGWOOD, BRIAN ANDREW, US
[72] MODESITT, D. BRUCE, US
[71] ARSTASIS, INC., US
[85] 2014-11-24
[86] 2013-05-24 (PCT/US2013/042743)
[87] (WO2013/177564)
[30] US (61/652,112) 2012-05-25
[30] US (61/652,104) 2012-05-25

[21] **2,874,673**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/5383 (2006.01) A61K 38/00 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING GI SYNDROME AND GRAFT VERSUS HOST DISEASE**
[54] **METHODES DE TRAITEMENT DU SYNDROME GASTRO-INTESTINAL ET DE LA MALADIE DU GREFFON CONTRE L'HOTE**
[72] KOLESNICK, RICHARD, US
[72] ROTOLO, JIMMY, US
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[85] 2014-11-24
[86] 2013-05-28 (PCT/US2013/042941)
[87] (WO2013/177596)
[30] US (61/651,729) 2012-05-25

[21] **2,874,675**
[13] A1

[51] **Int.Cl. C07D 307/68 (2006.01)**
[25] EN
[54] **CONVERSION OF BIOMASS**
[54] **CONVERSION DE BIOMASSE**
[72] COOPER, CHRISTOPHER, US
[72] MEDOFF, MARSHALL, US
[72] KHAN, JIHAN, US
[72] MASTERMAN, THOMAS CRAIG, US
[71] XYLECO, INC., US
[85] 2014-11-24
[86] 2013-07-03 (PCT/US2013/049265)
[87] (WO2014/008364)
[30] US (61/667,481) 2012-07-03

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[21] **2,874,676**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING A METABOLIC SYNDROME BY MODULATING HEAT SHOCK PROTEIN (HSP) 90-BETA**

[54] **METHODES DE TRAITEMENT D'UN SYNDROME METABOLIQUE PAR MODULATION DE LA PROTEINE DE CHOC THERMIQUE (HSP) 90-BETA**

[72] NARAIN, NIVEN RAJIN, US
[72] SARANGARAJAN, RANGAPRASAD, US
[72] VISHNUDAS, VIVEK K., US
[72] JING, ENXUAN, US
[71] BERG LLC, US
[85] 2014-11-24
[86] 2013-05-24 (PCT/US2013/042692)
[87] (WO2013/177535)
[30] US (61/652,023) 2012-05-25

[21] **2,874,678**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/78 (2006.01) C01B 17/16 (2006.01) C07C 217/00 (2006.01)**

[25] EN
[54] **AN ABSORBENT COMPOSITION FOR THE SELECTIVE ABSORPTION OF HYDROGEN SULFIDE**

[54] **COMPOSITION ABSORBANTE POUR L'ABSORPTION SELECTIVE DE SULFURE D'HYDROGENE**

[72] CRITCHFIELD, JAMES EDWARD, US
[72] VALENZUELA, DIEGO PATRICIO, NL
[72] WILSON, LOREN CLARK, US
[72] ZHOU, JINGJUN, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPU B.V., NL
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2014-11-24
[86] 2013-05-29 (PCT/US2013/043102)
[87] (WO2013/181242)
[30] US (61/653,910) 2012-05-31

[21] **2,874,680**
[13] A1

[51] **Int.Cl. H01B 7/17 (2006.01)**
[25] EN
[54] **CABLE HAVING A THIN FILM MATERIAL AND METHODS OF PREVENTING DISCOLORATION DAMAGE TO A CABLE HAVING A THIN FILM MATERIAL**

[54] **CABLE COMPRENANT UN MATERIAU A FILM MINCE ET PROCEDES DE PREVENTION DE DOMMAGES PAR DECOLORATION D'UN CABLE COMPRENANT UN MATERIAU A FILM MINCE**

[72] MAGNER, SCOTT, US
[71] ROCKBESTOS SURPRENANT CABLE CORP., US
[85] 2014-11-24
[86] 2013-07-03 (PCT/US2013/049280)
[87] (WO2014/011476)
[30] US (61/671,361) 2012-07-13
[30] US (13/933,284) 2013-07-02

[21] **2,874,681**
[13] A1

[51] **Int.Cl. A63F 9/04 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR ELECTROMECHANICAL SELECTION OF AN ELEMENT FROM A PLURALITY OF ELEMENTS**

[54] **PROCEDE ET DISPOSITIF POUR SELECTION ELECTROMECHANIQUE D'UN ELEMENT PARMI UNE PLURALITE D'ELEMENTS**

[72] STRZELEWICZ, PATRYK, PL
[72] BAK, MICHAL, PL
[72] WATOROWSKI, TOMASZ, PL
[71] GAME TECHNOLOGIES SPOLKA AKCYJNA, PL
[85] 2014-11-25
[86] 2013-02-21 (PCT/EP2013/053421)
[87] (WO2013/182324)
[30] EP (12170707.9) 2012-06-04

[21] **2,874,682**
[13] A1

[51] **Int.Cl. B01J 31/18 (2006.01) B01J 31/12 (2006.01) B01J 31/14 (2006.01)**
[25] EN
[54] **AMIDINATE AND GUANIDINATE COMPLEXES, THEIR USE AS CHAIN TRANSFER POLYMERIZATION CATALYSTS AND LONG CHAIN ALCOHOLS OBTAINED BY SUCH PROCESS**

[54] **COMPLEXES D'AMIDINATES ET DE GUANIDINATES, LEUR UTILISATION COMME CATALYSEURS DE POLYMERISATION PAR TRANSFERT DE CHAINE ET ALCOOLS A CHAINE LONGUE OBTENUS PAR UN TEL PROCEDE**

[72] GROSS, THORALF, DE
[72] ZIEHE, HOLGER, DE
[72] KEMPE, RHETT, DE
[72] KRETSCHMER, WINFIRE, DE
[72] HUBNER, CHRISTIAN, DE
[71] SASOL OLEFINS & SURFACTANTS GMBH, DE
[85] 2014-11-25
[86] 2013-06-03 (PCT/EP2013/001614)
[87] (WO2013/182290)
[30] EP (12004263.5) 2012-06-04

[21] **2,874,684**
[13] A1

[51] **Int.Cl. A61C 17/06 (2006.01) A61C 17/08 (2006.01)**
[25] EN
[54] **INSTRUMENT IN CONNECTION WITH ORAL AND DENTAL CARE**

[54] **INSTRUMENT UTILISE EN LIAISON AVEC DES SOINS BUCCO-DENTAIRES**

[72] TADDEO, GUNILLA, FI
[72] GRANLUND, MARIANNE, FI
[71] ERGOMEDI OY, FI
[85] 2014-11-25
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[87] (WO2013/007876)
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[72] HOLZGASSNER, LEONHARD, DE
[72] GROPP, ANDREAS, DE
[72] RICHTER, PETER, SR., DE
[71] IMPACT INNOVATIONS GMBH, DE
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[54] **METHOD FOR DIAGNOSING AND DIFFERENTIATING HIV-2 INFECTIONS**
[54] **PROCEDE POUR DIAGNOSTIQUER ET DIFFERENCIER DES INFECTIONS PAR LE VIH-2**
[72] CHAUMAT, PIERRE, FR
[71] BIO-RAD INNOVATIONS, FR
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[54] **PANE WITH AN ELECTRICAL CONNECTION ELEMENT**
[54] **VITRE COMPRENANT UN ELEMENT DE CONNEXION ELECTRIQUE**
[72] SCHMALBUCH, KLAUS, DE
[72] REUL, BERNHARD, DE
[72] LESMEISTER, LOTHAR, NL
[72] RATEICZAK, MITJA, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **MESURE DE FEUILLES**
[72] MANTYLA, MARKKU, FI
[71] METSO AUTOMATION OY, FI
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[54] **CAPTURE, IDENTIFICATION AND USE OF A NEW BIOMARKER OF SOLID TUMORS IN BODY FLUIDS**
[54] **CAPTURE, IDENTIFICATION ET UTILISATION D'UN NOUVEAU BIOMARQUEUR DE TUMEURS SOLIDES DANS DES LIQUIDES ORGANIQUES**
[72] ADAMS, DANIEL, US
[72] TANG, CHA-MEI, US
[72] MAKAROVA, OLGA, US
[72] ZHU, PEIXUAN, US
[72] LI, SHUHONG, US
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[54] **AMENAGEMENT D'ENTRAINEMENT POUR ORGANE DE ROULEMENT**
[72] WUSCHING, MICHAEL, DE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **MACHINE D'IMAGERIE DE SHEAROGRAPHIE ET PROCEDE ASSOCIE**
[72] LINDSAY, JOHN S., US
[71] BRIDGESTONE BANDAG, LLC, US
[85] 2014-11-24
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[54] **CURRENT FLOW CONTROLLER**
[54] **ORGANE DE COMMANDE DE CIRCULATION DU COURANT**
[72] WHITEHOUSE, ROBERT, GB
[72] BARKER, CARL DAVID, GB
[71] ALSTOM TECHNOLOGY LTD, CH
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[25] EN
[54] **METHODS OF EVOLUTIONARY SYNTHESIS INCLUDING EMBODIED CHEMICAL SYNTHESSES**
[54] **PROCEDES DE SYNTHESE EVOLUTIVE COMPRENANT DES SYNTHESES CHIMIQUES INTEGREES**
[72] CRONIN, LEROY, GB
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB
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[54] **BLADE ASSEMBLY FOR A WIND TURBINE ROTOR**
[54] **ENSEMBLE PALE POUR UN ROTOR D'EOLIENNE**
[72] ROHDEN, ROLF, DE
[71] YOUWINENERGY GMBH, DE
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[54] **FORMULATIONS INJECTABLES D'APREPITANT**
[72] HINGORANI, TUSHAR, US
[72] SOPPIMATH, KUMARESH, US
[72] PEJAVAR, SATISH, US
[72] PURI, NAVNEET, US
[71] INNOPHARMA, INC., US
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[54] **PALIPERIDONE IMPLANT FORMULATION**
[54] **FORMULATION POUR IMPLANT CONTENANT DE LA PALIPERIDONE**
[72] GUTIERRO ADURIZ, IBON, ES
[72] FRANCO RODRIGUEZ, GUILLERMO, ES
[71] LABORATORIOS FARMACEUTICOS ROVI, S.A., ES
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[54] **NALMEFENE FOR REDUCTION OF ALCOHOL CONSUMPTION IN SPECIFIC TARGET POPULATIONS**
[54] **UTILISATION DE NALMEFENE POUR REDUIRE LA CONSOMMATION D'ALCOOL DANS DES POPULATIONS CIBLES SPECIFIQUES**
[72] TORUP, LARS, DK
[72] ABBARIKI, AFSANEH, DK
[72] BLADSTROM, ANNA, SE
[72] PERSSON, CHRISTINE, SE
[72] MEULIEN, DIDIER, FR
[72] SORENSEN, PER, DK
[72] JENSEN, THOMAS JON, DK
[72] OSTERGAARD, JETTE BUCH, DK
[71] H. LUNDBECK A/S, DK
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[54] **SYSTEMES ET PROCEDES POUR DETECTER LE CHANGEMENT DE POSITION D'UN OBJET**
[72] ZHEVELEV, BORIS, IL
[71] TYCO FIRE AND SECURITY GMBH, IL
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[54] **METHOD AND SYSTEM FOR SPATIO-TEMPORAL ADJUSTMENT OF GEOLOCATION PERMISSIONS**
[54] **PROCEDE ET SYSTEME DE REGLAGE SPATIO-TEMPOREL DES PERMISSIONS DE GEOLOCALISATION**
[72] SCHMOLL, STEPHANE, FR
[71] DEVERYWARE, FR
[85] 2014-11-25
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[54] **INSTALLATION AND METHOD FOR MELTING GLASS**
[54] **INSTALLATION ET PROCEDE DE FUSION DE VERRE**
[72] LEFRERE, YANNICK, FR
[72] LOPEPE, FREDERIC, FR
[72] RAYER, MATHIEU, FR
[72] VILLEROY DE GALHAU, GREGOIRE, FR
[71] SAINT-GOBAIN ISOVER, FR
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[25] FR
[54] **BEARING WITH LUBRICATION MEANS AND SYSTEM FOR CHANGING THE PITCH OF THE BLADES OF A TURBOPROP PROPELLER OF AN AIRCRAFT EQUIPPED WITH SAID BEARING**
[54] **PALIER A MOYEN DE LUBRIFICATION ET SYSTEME POUR CHANGER LE PAS DES PALES D'UNE HELICE DE TURBOPROPULSEUR D'AERONEF, EQUIPE DUDIT PALIER**
[72] FRANTZ, CAROLINE, FR
[72] IGEL, DOMINIQUE, FR
[72] HUGON, NADEGE, FR
[72] CURLIER, AUGUSTIN, FR
[71] SNECMA, FR
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[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING OFFERS TO MOBILE WALLETS**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMME D'ORDINATEUR POUR FOURNIR DES OFFRES A DES PORTEFEUILLES MOBILES**
[72] JOHNSON, KAI P., US
[72] MORRIS, JOSEPH, US
[72] VATATMAJA, US
[71] JVL VENTURES, LLC, US
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[25] FR
[54] **METHOD FOR CONTINUOUSLY ENRICHING AN OIL PRODUCED BY MICROALGAE WITH ETHYL ESTERS OF DHA**
[54] **PROCEDE CONTINU D'ENRICHISSEMENT EN ESTERS ETHYLIQUES DE DHA D'UNE HUILE PRODUITE PAR DES MICROALGUES**
[72] PATINIER, SAMUEL, FR
[72] LOOTEN, PHILIPPE, FR
[71] ROQUETTE FRERES, FR
[85] 2014-11-25
[86] 2013-05-28 (PCT/FR2013/051186)
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[54] **METHOD AND SYSTEM FOR TRAFFIC RESOURCE ALLOCATION**
[54] **PROCEDE ET SYSTEME DESTINES A L'ALLOCATION DE RESSOURCES DE TRAFIC**
[72] NI, JIANTONG, CN
[71] AEIO GROUP INC., VG
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[54] **DEVICE AND METHOD FOR MEASURING THE DIMENSIONS OF ELEMENTS OF A RAILWAY TRACK**

[54] **DISPOSITIF ET PROCEDURE DE MESURES DE DIMENSIONS D'ELEMENTS D'UNE VOIE FERREE**

[72] BRIAND, EDMOND, FR

[71] ROV DEVELOPPEMENT, FR

[85] 2014-11-25

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[54] **DISPENSING ASSEMBLY FOR MACHINES FOR THE PREPARATION OF BEVERAGES USING CAPSULES**

[54] **ENSEMBLE DE DISTRIBUTION POUR MACHINES POUR LA PREPARATION DE BOISSONS A L'AIDE DE CAPSULES**

[72] ROTTA, DENIS, IT

[72] TORNINCASA, STEFANO, IT

[72] BONISOLI, ELVIO, IT

[72] CABILLI, ALBERTO, IT

[72] BUGNANO, LUCA, IT

[71] LUIGI LAVAZZA S.P.A., IT

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[54] **LIVRAISON A LARGE BANDE D'INFORMATIONS DE PERSONNALISATION POUR DES SERVICES TV AVANCES**

[72] EYER, MARK, US

[72] YAMAGISHI, YASUAKI, JP

[71] SONY CORPORATION, JP

[85] 2014-11-24

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[54] **METHOD FOR ASSESSING ENDOMETRIOSIS**

[54] **METHODE D'EVALUATION DE L'ENDOMETRIOSE**

[72] UCHIYAMA, HIDEFUMI, JP

[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

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[54] **SYSTEM FOR PIERCING A MEMBRANE**

[54] **A SYSTEM FOR PIERCING A SEALING MEMBRANE**

[72] BRISEBRAT, JEAN-MICHEL, FR

[72] GAGNEPAIN, CEDRIC, FR

[72] BARTHELON, PASCAL, FR

[71] DIAMED GMBH, CH

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[54] **POLYMERS AND NANOGEL MATERIALS AND METHODS FOR MAKING AND USING THE SAME**

[54] **POLYMERES ET MATERIAUX NANOGELS, ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**

[72] SCALES, CHARLES W., US

[72] MCCABE, KEVIN P., US

[72] HEALY, BRENT MATTHEW, US

[71] JOHNSON & JOHNSON VISION CARE, INC., US

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[54] **INSTRUMENTS CHIRURGICAUX ARTICULES ET LEURS PROCEDES DE DEPLOIEMENT**

[72] OYOLA, ARNOLD, US

[72] CASTRO, MICHAEL SALVATORE, US

[72] FLAHERTY, J. CHRISTOPHER, US

[71] MEDROBOTICS CORPORATION, US

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[30] US (61/681,340) 2012-08-09

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[54] **TARGET TISSUE-SPECIFIC ANTIGEN-BINDING MOLECULE**
[54] **MOLECULE DE LIAISON D'ANTIGENE SPECIFIQUE A UN TISSU CIBLE**

[72] IGAWA, TOMOYUKI, JP
[72] TAMBA, SHIGERO, JP
[72] TATSUMI, KANAKO, JP
[72] SHIMIZU, SHUN, JP
[72] KADONO, SHOJIRO, JP
[71] CHUGAL SEIYAKU KABUSHIKI KAISHA, JP

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[30] JP (2012-123781) 2012-05-30
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[54] **CARCASS STABILIZER**
[54] **STABILISATEUR DE CARCASSE**

[72] BASSO, HARRY W., JR., US
[72] WALLACE, EDWARD R., US
[71] JARVIS PRODUCTS CORPORATION, US

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[54] **IMAGE PROCESSING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**

[72] SATO, KAZUSHI, JP
[72] MORIGAMI, YOSHITAKA, JP
[72] LU, SHUO, JP
[71] SONY CORPORATION, JP

[85] 2014-11-25
[86] 2013-06-21 (PCT/JP2013/067109)
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[30] JP (2012-147877) 2012-06-29
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[21] **2,874,724**
[13] A1

[51] **Int.Cl. H01H 50/42 (2006.01) H01F 7/08 (2006.01) H01H 51/01 (2006.01) H01H 51/22 (2006.01) H01H 50/16 (2006.01) H01H 50/26 (2006.01) H01H 50/40 (2006.01)**

[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS AND RELAY INCLUDING A FERROMAGNETIC OR MAGNETIC ARMATURE HAVING A TAPERED PORTION**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET RELAIS COMPRENANT UNE ARMATURE FERROMAGNETIQUE OU MAGNETIQUE AYANT UNE PARTIE EFFILEE**

[72] MILLS, PATRICK W., US
[72] MCCORMICK, JAMES M., US
[72] BENSHOFF, RICHARD G., US
[72] INNES, ROBERT J., US
[71] LABINAL, LLC, US

[85] 2014-11-25
[86] 2013-02-27 (PCT/US2013/027857)
[87] (WO2013/187948)
[30] US (61/657,926) 2012-06-11

[21] **2,874,725**
[13] A1

[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/437 (2006.01) A61P 9/00 (2006.01) C07D 471/12 (2006.01)**

[25] EN
[54] **RUTAECARPINE DERIVATIVES FOR ACTIVATING CYP1A2 IN A SUBJECT**
[54] **DERIVES DE RUTAECARPINE CAPABLES D'ACTIVER LE CYTOCHROME CYP1A2 CHEZ UN SUJET**

[72] XUE, LIANG, US
[72] CHAN, WILLIAM K., US
[72] LINNET, STAN W., US
[72] LINNET, TIMOTHY N., US
[71] LINNET BIOPHARMACEUTICALS, INC., US

[85] 2014-11-25
[86] 2012-05-03 (PCT/US2012/036380)
[87] (WO2012/173710)
[30] US (13/163,658) 2011-06-17

[21] **2,874,726**
[13] A1

[51] **Int.Cl. B32B 27/08 (2006.01)**

[25] EN
[54] **HEAT SEALABLE MONOAXIALLY ORIENTED PROPYLENE-BASED FILM WITH DIRECTIONAL TEAR**
[54] **FILM A BASE DE PROPYLENE A ORIENTATION MONOAXIALE, THERMOSCELLABLE, AYANT UNE DECHIRURE DIRECTIONNELLE**

[72] LEE, MARK S., US
[72] KOEHN, HAROLD E., US
[72] COLETTA, EMILIO, US
[72] BROWN, MATTHEW H., US
[72] CHANG, KEUNSUK P., US
[71] TORAY PLASTICS (AMERICA), INC., US

[85] 2014-11-25
[86] 2012-05-30 (PCT/US2012/040024)
[87] (WO2013/180710)

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[21] **2,874,727**
[13] A1

[51] **Int.Cl. A61F 2/06 (2013.01) A61F 2/07 (2013.01) A61F 2/02 (2006.01)**

[25] EN

[54] **ANEURYSM OCCLUSION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'OCCLUSION D'ANEVRISME**

[72] BOSE, ARANI, US

[72] GUPTA, VIKAS, US

[72] BARRY, DAVE, US

[72] HUI, DELILAH, US

[72] PONS, STEPHEN, US

[72] LEYNOV, ALEKSANDR, US

[71] PENUMBRA, INC., US

[85] 2014-11-24

[86] 2013-06-03 (PCT/US2013/043931)

[87] (WO2013/184595)

[30] US (61/655,116) 2012-06-04

[21] **2,874,728**
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06F 17/10 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RESERVOIR SIMULATION OPTIMIZATION**

[54] **SYSTEME ET PROCEDE D'OPTIMISATION DE SIMULATION DE RESERVOIR**

[72] GORELL, SHELDON, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2014-11-25

[86] 2012-05-30 (PCT/US2012/039998)

[87] (WO2013/180705)

[21] **2,874,729**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 15/16 (2006.01) G06F 21/00 (2013.01)**

[25] EN

[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DATA RE-INSTALLATION**

[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR GERER UNE REINSTALLATION DE DONNEES**

[72] GARGIULO, MICHAEL J., US

[71] JVL VENTURES, LLC, US

[85] 2014-11-24

[86] 2014-01-21 (PCT/US2014/012339)

[87] (WO2014/116589)

[30] US (61/756,853) 2013-01-25

[30] US (61/825,857) 2013-05-21

[21] **2,874,730**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/78 (2006.01) C01B 17/16 (2006.01) C07C 217/00 (2006.01)**

[25] EN

[54] **AN ABSORBENT COMPOSITION FOR THE SELECTIVE ABSORPTION OF HYDROGEN SULFIDE AND A PROCESS OF USE THEREOF**

[54] **COMPOSITION ABSORBANTE POUR L'ABSORPTION SELECTIVE DU SULFURE D'HYDROGENE ET PROCEDE CORRESPONDANT**

[72] CRITCHFIELD, JAMES EDWARD, US

[72] VALENZUELA, DIEGO PATRICIO, NL

[72] WILSON, LOREN CLARK, US

[72] ZHOU, JINGJUN, US

[71] SHELL INTERNATIONALE RESEARCH MAATCVHAPPIJ B.V., NL

[71] HUNTSMAN PETROCHEMICAL LLC, US

[85] 2014-11-25

[86] 2013-05-29 (PCT/US2013/043105)

[87] (WO2013/181245)

[30] US (61/653,920) 2012-05-31

[21] **2,874,731**
[13] A1

[51] **Int.Cl. E21B 10/26 (2006.01) E21B 10/42 (2006.01) E21B 10/43 (2006.01)**

[25] EN

[54] **FACE STABILIZED DOWNHOLE CUTTING TOOL**

[54] **OUTIL DE COUPE DE FOND DE TROU A STABILISATION DE FACE**

[72] STOWE, CALVIN J., II, US

[71] BAKERS HUGHES INCORPORATED, US

[85] 2014-11-24

[86] 2013-06-04 (PCT/US2013/044041)

[87] (WO2013/184644)

[30] US (13/487,844) 2012-06-04

[21] **2,874,732**
[13] A1

[51] **Int.Cl. B61F 5/32 (2006.01)**

[25] EN

[54] **RUNNING GEAR UNIT FOR A RAIL VEHICLE**

[54] **UNITE D'ORGANE ROULANT POUR VEHICULE FERROVIAIRE**

[72] ZANUTTI, CEDRIC, BE

[71] BOMBARDIER TRANSPORTATION GMBH, DE

[85] 2014-11-25

[86] 2013-05-29 (PCT/EP2013/061132)

[87] (WO2013/178716)

[30] EP (12170076.9) 2012-05-30

[21] **2,874,733**
[13] A1

[51] **Int.Cl. G06Q 20/20 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**

[25] EN

[54] **MOBILE PAYMENT VIA A VIRTUAL PERIPHERAL DEVICE**

[54] **PAIEMENT MOBILE PAR DISPOSITIF PERIPHERIQUE VIRTUEL**

[72] RAN, ALEXANDER S., US

[71] INTUIT INC., US

[85] 2014-11-25

[86] 2012-11-26 (PCT/US2012/066537)

[87] (WO2013/184159)

[30] US (13/489,600) 2012-06-06

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[21] **2,874,734**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/78 (2006.01) C01B 17/16 (2006.01) C07C 217/00 (2006.01)**

[25] EN

[54] **A PROCESS FOR THE HIGH TEMPERATURE SELECTIVE ABSORPTION OF HYDROGEN SULFIDE**

[54] **PROCEDE POUR L'ABSORPTION SELECTIVE A HAUTE TEMPERATURE DE SULFURE D'HYDROGENE**

[72] CRITCHFIELD, JAMES EDWARD, US

[72] ZHOU, JINGJUN, US

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

[71] HUNTSMAN PETROCHEMICAL LLC, US

[85] 2014-11-25

[86] 2013-05-29 (PCT/US2013/043110)

[87] (WO2013/181249)

[30] US (61/653,927) 2012-05-31

[21] **2,874,735**
[13] A1

[51] **Int.Cl. G01N 30/88 (2006.01) G01N 30/72 (2006.01) G01N 33/92 (2006.01) H01J 49/00 (2006.01)**

[25] EN

[54] **RAPID AND HIGH-THROUGHPUT ANALYSIS OF STEROLS/STANOLS OR DERIVATIVES THEREOF**

[54] **ANALYSE RAPIDE ET A HAUT DEBIT DES STEROLS/STANOLS OU DE LEURS DERIVES**

[72] BRUTON, JAMES L., US

[72] SHERMAN, ALEXANDRA, US

[71] HEALTH DIAGNOSTIC LABORATORY, INC., US

[85] 2014-11-25

[86] 2013-03-12 (PCT/US2013/030581)

[87] (WO2013/176740)

[30] US (61/651,982) 2012-05-25

[30] US (61/696,613) 2012-09-04

[21] **2,874,736**
[13] A1

[51] **Int.Cl. F16B 39/32 (2006.01)**

[25] EN

[54] **NUT LOCK**

[54] **FREIN D'ECROU**

[72] CAMPAU, DANIEL N., US

[71] LOCKON LLC, US

[85] 2014-11-24

[86] 2014-04-01 (PCT/US2014/032442)

[87] (WO2014/193536)

[30] US (13/907,408) 2013-05-31

[21] **2,874,737**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01)**

[25] EN

[54] **METHODS FOR TREATING INSOMNIA**

[54] **METHODES DE TRAITEMENT DE L'INSOMNIE**

[72] ORR, WILLIAM C., US

[71] LYNN HEALTH SCIENCE INSTITUTE, INC., US

[85] 2014-11-25

[86] 2013-03-13 (PCT/US2013/030685)

[87] (WO2013/180796)

[30] US (61/654,174) 2012-06-01

[21] **2,874,738**
[13] A1

[51] **Int.Cl. G01N 30/88 (2006.01) G01N 30/72 (2006.01) G01N 33/92 (2006.01) G01N 35/00 (2006.01) H01J 49/00 (2006.01)**

[25] EN

[54] **PROCESS AND APPARATUS FOR RAPID, HIGH-THROUGHPUT ANALYSIS OF FATTY ACIDS**

[54] **PROCEDE ET APPAREIL POUR L'ANALYSE RAPIDE, A HAUT DEBIT D'ACIDES GRAS**

[72] BOROWSKI, JAMES, US

[72] SHERMAN, ALEXANDRA, US

[72] WARD, JENNIFER, US

[72] MCCONNELL, JOSEPH P., US

[71] HEALTH DIAGNOSTIC LABORATORY, INC., US

[85] 2014-11-25

[86] 2013-03-14 (PCT/US2013/031685)

[87] (WO2013/176757)

[30] US (61/651,987) 2012-05-25

[30] US (61/696,011) 2012-08-31

[30] US (61/696,613) 2012-09-04

[21] **2,874,739**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**

[25] EN

[54] **CARDIOVASCULAR DISEASE RISK ASSESSMENT AND TREATMENT BY STEROL AND/OR STANOL MARKERS**

[54] **ESTIMATION DE RISQUE DE MALADIE CARDIOVASCULAIRE ET TRAITEMENT PAR MARQUEURS DE STEROL ET/OU STANOL**

[72] DAYSPRING, THOMAS, US

[72] MCCONNELL, JOSEPH, US

[71] FOUNDATION FOR HEALTH IMPROVEMENT AND TECHNOLOGY, US

[85] 2014-11-25

[86] 2013-03-13 (PCT/US2013/030729)

[87] (WO2013/176741)

[30] US (61/651,986) 2012-05-25

[21] **2,874,741**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**

[25] EN

[54] **WIRELESS ENGINE MONITORING SYSTEM AND ASSOCIATED ENGINE WIRELESS SENSOR NETWORK**

[54] **SYSTEME DE SURVEILLANCE DE MOTEUR SANS FIL ET RESEAU DE CAPTEURS SANS FIL DE MOTEUR ASSOCIE**

[72] ZIARNO, JAMES J., US

[71] HARRIS CORPORATION, US

[85] 2014-11-24

[86] 2013-06-06 (PCT/US2013/044480)

[87] (WO2013/184894)

[30] US (13/489,665) 2012-06-06

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[21] **2,874,743**
[13] A1

[51] **Int.Cl. A61B 5/0484 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND COMPUTER ALGORITHM FOR CHARACTERIZATION AND CLASSIFICATION OF ELECTROPHYSIOLOGICAL EVOKED POTENTIALS**
[54] **SYSTEME, PROCEDE ET ALGORITHME INFORMATIQUE POUR CARACTERISER ET CLASSER DES POTENTIELS EVOQUES ELECTROPHYSIOLOGIQUES**
[72] STASHUK, DAN, CA
[72] O'BRIEN, RICHARD ARTHUR, US
[71] SAFEOP SURGICAL, INC., US
[85] 2014-11-25
[86] 2013-05-01 (PCT/US2013/039078)
[87] (WO2013/166157)
[30] US (61/641,583) 2012-05-02

[21] **2,874,744**
[13] A1

[51] **Int.Cl. G01R 31/02 (2006.01) G01R 31/28 (2006.01) G01R 31/312 (2006.01) G06F 3/044 (2006.01)**
[25] EN
[54] **ELECTRODE TESTING APPARATUS**
[54] **APPAREIL DE TEST D'ELECTRODE**
[72] BRITAIN, KENNETH G., US
[72] HERBERT, SAMMUEL D., US
[72] DIAMOND, NEIL F., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-11-25
[86] 2013-05-20 (PCT/US2013/041760)
[87] (WO2013/181003)
[30] US (13/483,746) 2012-05-30

[21] **2,874,745**
[13] A1

[51] **Int.Cl. B65G 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR STORING HYDROGEN IN A SALT CAVERN WITH A PERMEATION BARRIER**
[54] **PROCEDE ET SYSTEME DE STOCKAGE D'HYDROGENE DANS UNE CAVERNE DE SEL AVEC UNE BARRIERE DE PERMEATION**
[72] OATES, ROMMEL M., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2014-11-25
[86] 2013-05-07 (PCT/US2013/039868)
[87] (WO2013/176878)
[30] US (13/480,864) 2012-05-25

[21] **2,874,746**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **DIABETES THERAPY MANAGEMENT SYSTEM FOR RECOMMENDING ADJUSTMENTS TO AN INSULIN INFUSION DEVICE**
[54] **SYSTEME DE GESTION DE TRAITEMENT DU DIABETE PERMETTANT DE RECOMMANDER DES AJUSTEMENTS A UN DISPOSITIF DE PERFUSION D'INSULINE**
[72] AGRAWAL, PRATIK, US
[72] KANNARD, BRIAN T., US
[72] KAUFMAN, FRANCINE R., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2014-11-24
[86] 2013-06-06 (PCT/US2013/044482)
[87] (WO2013/184896)
[30] US (61/656,765) 2012-06-07
[30] US (13/910,758) 2013-06-05
[30] US (13/910,766) 2013-06-05
[30] US (13/910,773) 2013-06-05

[21] **2,874,747**
[13] A1

[51] **Int.Cl. H04B 7/185 (2006.01) B64B 1/40 (2006.01)**
[25] EN
[54] **LOCATION-AWARE "GHOST" PROFILES IN A BALLOON NETWORK**
[54] **PROFILS "FANTOMES" CONSCIENTS DE L'EMPLACEMENT DANS UN RESEAU DE BALLO NS**
[72] TELLER, ERIC, US
[72] DEVAUL, RICHARD WAYNE, US
[72] BIFFLE, CLIFFORD L., US
[72] WEAVER, JOSH, US
[71] GOOGLE INC., US
[85] 2014-11-25
[86] 2013-05-29 (PCT/US2013/043137)
[87] (WO2013/181264)
[30] US (13/485,514) 2012-05-31

[21] **2,874,748**
[13] A1

[51] **Int.Cl. A01G 25/16 (2006.01)**
[25] EN
[54] **A TWO-WIRE CONTROLLING AND MONITORING SYSTEM FOR IN PARTICULAR IRRIGATION OF LOCALIZED AREAS OF SOIL**
[54] **SYSTEME DE SURVEILLANCE ET DE COMMANDE A DEUX FILS EN PARTICULIER POUR L'IRRIGATION DE ZONES LOCALISEES DE SOL**
[72] CHRISTIANSEN, TOM NOHR, DK
[71] S-RAIN CONTROL A/S, DK
[85] 2014-11-25
[86] 2013-05-31 (PCT/EP2013/061239)
[87] (WO2013/178774)
[30] EP (12170174.2) 2012-05-31
[30] EP (13151061.2) 2012-05-31
[30] EP (13151075.2) 2012-05-31
[30] EP (13151083.6) 2012-05-31
[30] EP (13151081.0) 2012-05-31

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[21] **2,874,749**
[13] A1

[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/58 (2006.01) A61B 17/70 (2006.01) A61F 2/02 (2006.01) A61F 2/28 (2006.01) A61F 2/44 (2006.01)**

[25] EN

[54] **BONE FUSION DEVICE**

[54] **DISPOSITIF DE FUSION OSSEUSE**

[72] MCLUEN, GARY R., US

[72] REMINGTON, BENJAMIN J., US

[72] BAKER, DANIEL R., US

[72] LOGAN, JOSEPH N., US

[72] STALCUP, GREGORY C., US

[71] NEUROPRO TECHNOLOGIES, INC., US

[85] 2014-11-25

[86] 2013-05-21 (PCT/US2013/042066)

[87] (WO2013/181024)

[30] US (13/482,778) 2012-05-29

[21] **2,874,751**
[13] A1

[51] **Int.Cl. C09D 11/10 (2014.01)**

[25] EN

[54] **WATER-BASED POLYMER COMPOSITIONS FOR PRINTING INKS AND COATINGS**

[54] **COMPOSITIONS POLYMERES A BASE D'EAU POUR ENCRE ET REVETEMENTS D'IMPRESSION**

[72] JHAVERI, SARAV BHARAT, US

[72] HSU, CHIEN LU, US

[71] BASF SE, DE

[85] 2014-11-25

[86] 2013-05-23 (PCT/US2013/042472)

[87] (WO2013/181068)

[30] US (61/652,660) 2012-05-29

[21] **2,874,753**
[13] A1

[51] **Int.Cl. G01N 27/447 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR GEL ELECTROPHORESIS WITH IN-SITU CALIBRATION**

[54] **COMPOSITION ET PROCEDE D'ELECTROPHORESE EN GEL AVEC ETALONNAGE IN SITU**

[72] GUADAGNO, PHILIP, US

[72] SUMMERS, ERIN, US

[71] HEALTH DIAGNOSTIC LABORATORY, INC., US

[85] 2014-11-25

[86] 2013-05-29 (PCT/US2013/043140)

[87] (WO2013/181267)

[30] US (61/652,608) 2012-05-29

[30] US (61/779,567) 2013-03-13

[21] **2,874,754**
[13] A1

[51] **Int.Cl. H02K 35/02 (2006.01)**

[25] EN

[54] **AN ELECTROMAGNETIC GENERATOR TRANSFORMER**

[54] **TRANSFORMATEUR GENERATEUR ELECTROMAGNETIQUE**

[72] COPELAND, CARL E., US

[72] FAHIMI, BABAK, US

[71] PROTOTUS, LTD., BZ

[85] 2014-11-25

[86] 2013-05-29 (PCT/US2013/043103)

[87] (WO2013/181243)

[30] US (61/653,269) 2012-05-30

[30] US (13/834,086) 2013-03-15

[21] **2,874,757**
[13] A1

[51] **Int.Cl. B64D 47/04 (2006.01) B64D 47/02 (2006.01) B64D 47/06 (2006.01)**

[25] EN

[54] **LIGHTING ARRAY FOR AN AIRCRAFT**

[54] **CONFIGURATION DE FEUX POUR AVION**

[72] GAGNON, PIERRE, CA

[72] LETENDRE, NICOLAS, CA

[71] BOMBARDIER INC., CA

[85] 2014-11-25

[86] 2013-05-30 (PCT/US2013/043382)

[87] (WO2013/181402)

[30] US (61/653,797) 2012-05-31

[21] **2,874,758**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**

[25] EN

[54] **WIRELESS ENGINE MONITORING SYSTEM AND CONFIGURABLE WIRELESS ENGINE SENSORS**

[54] **SYSTEME DE SURVEILLANCE DE MOTEUR SANS FIL ET CAPTEURS SANS FIL MODULABLES DE MOTEUR**

[72] ZIARNO, JAMES J., US

[71] HARRIS CORPORATION, US

[85] 2014-11-24

[86] 2013-06-06 (PCT/US2013/044528)

[87] (WO2013/184924)

[30] US (13/489,701) 2012-06-06

[21] **2,874,760**
[13] A1

[51] **Int.Cl. G01N 33/532 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DIAGNOSIS OF ASTROCYTIC BRAIN TUMOR**

[54] **SYSTEME ET PROCEDE DE DIAGNOSTIC DE TUMEUR CEREBRALE ASTROCYTAIRE**

[72] GEORGES, JOSEPH, US

[72] MARTIROSYAN, NIKOLAY, US

[72] NAKAJI, PETER, US

[71] DIGNITY HEALTH, US

[85] 2014-11-25

[86] 2013-06-03 (PCT/US2013/043877)

[87] (WO2013/181655)

[30] US (61/654,438) 2012-06-01

[21] **2,874,762**
[13] A1

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

[25] EN

[54] **UNIVERSAL RANDOM ACCESS DETECTION OF NUCLEIC ACIDS**

[54] **DETECTION D'ACIDES NUCLEIQUES PAR ACCES ALEATOIRE UNIVERSEL**

[72] SAPPENFIELD, CHRISTOPHER C., US

[71] IBIS BIOSCIENCES, INC., US

[85] 2014-11-25

[86] 2013-05-31 (PCT/US2013/043677)

[87] (WO2013/181578)

[30] US (61/653,585) 2012-05-31

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[21] **2,874,764**
[13] A1

[51] **Int.Cl. C12N 5/0735 (2010.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **GENERATION OF FUNCTIONAL AND DURABLE ENDOTHELIAL CELLS FROM HUMAN AMNIOTIC FLUID-DERIVED CELLS**

[54] **GENERATION DE CELLULES ENDOTHELIALES FONCTIONNELLES ET DURABLES A PARTIR DE CELLULES DERIVEES DU FLUIDE AMNIOTIQUE HUMAIN**

[72] RAFII, SHAHIN, US

[72] RABBANY, SINA Y., US

[72] GINSBERG, MICHAEL, US

[71] CORNELL UNIVERSITY, US

[85] 2014-11-25

[86] 2013-05-30 (PCT/US2013/043236)

[87] (WO2013/181326)

[30] US (61/653,185) 2012-05-30

[30] US (61/709,431) 2012-10-04

[21] **2,874,765**
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01)**

[25] EN

[54] **RISPERIDONE OR PALIPERIDONE IMPLANT FORMULATION**

[54] **FORMULATION POUR IMPLANT CONTENANT DE LA RISPERIDONE ET/OU DE LA PALIPERIDONE**

[72] GUTIERRO ADURIZ, IBON, ES

[72] FRANCO RODRIGUEZ, GUILLERMO, ES

[71] LABORATORIOS FARMACEUTICOS ROVI, S.A., ES

[85] 2014-11-25

[86] 2013-05-31 (PCT/EP2013/061320)

[87] (WO2013/178812)

[30] EP (12170362.3) 2012-05-31

[21] **2,874,766**
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**

[25] EN

[54] **WIRELESS ENGINE MONITORING SYSTEM WITH MULTIPLE HOP AIRCRAFT COMMUNICATIONS CAPABILITY AND ON-BOARD PROCESSING OF ENGINE DATA**

[54] **SYSTEME DE SURVEILLANCE DE MOTEUR SANS FIL APTE A DES COMMUNICATIONS D'AERONEF A SAUTS MULTIPLES ET TRAITEMENT EMBARQUE DE DONNEES DE MOTEUR**

[72] ZIARNO, JAMES J., US

[71] HARRIS CORPORATION, US

[85] 2014-11-25

[86] 2013-06-04 (PCT/US2013/044081)

[87] (WO2013/184662)

[30] US (13/489,642) 2012-06-06

[21] **2,874,767**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/4704 (2006.01)**

[25] EN

[54] **TREATMENT OF OCULAR INFLAMMATORY DISEASES USING LAQUINIMOD**

[54] **TRAITEMENT DE MALADIES INFLAMMATOIRES OCULAIRES PAR LAQUINIMOD**

[72] KAYE, JOEL, IL

[72] HALLAK, HUSSEIN, IL

[72] TARCIC, NORA, IL

[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL

[85] 2014-11-25

[86] 2013-06-04 (PCT/US2013/044058)

[87] (WO2013/184650)

[30] US (61/655,526) 2012-06-05

[21] **2,874,769**
[13] A1

[51] **Int.Cl. H04W 28/08 (2009.01) H04B 1/04 (2006.01) H04B 7/06 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PROVIDING DIVERSE MULTIPLE CARRIER AGGREGATION**

[54] **PROCEDE ET SYSTEME POUR FOURNIR UNE AGREGATION DE PORTEUSES MULTIPLES DIVERSES**

[72] SMITH, CLINT, US

[71] RIVADA NETWORKS LLC, US

[85] 2014-11-25

[86] 2013-06-05 (PCT/US2013/044286)

[87] (WO2013/184781)

[30] US (61/689,382) 2012-06-05

[21] **2,874,771**
[13] A1

[51] **Int.Cl. G01S 5/02 (2010.01) G01S 19/10 (2010.01) G01S 19/46 (2010.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR LOCATION POSITIONING OF USER DEVICE**

[54] **SYSTEMES ET PROCEDES POUR UN POSITIONNEMENT DE LOCALISATION D'UN DISPOSITIF UTILISATEUR**

[72] RAGHUPATHY, ARUN, IN

[72] PATTABIRAMAN, GANESH, US

[72] SHUBHAM, KUMAR, IN

[72] CLARK, HENRY, US

[72] SENDONARIS, ANDREW, US

[72] WILLHOFF, STEVEN, US

[72] KUMAR, SHUBHAM, IN

[71] NEXTNAV, LLC, US

[85] 2014-11-25

[86] 2013-06-04 (PCT/US2013/044147)

[87] (WO2013/184701)

[30] US (61/655,787) 2012-06-05

[30] US (61/786,467) 2013-03-15

Demandes PCT entrant en phase nationale

[21] **2,874,772**
[13] A1

[51] **Int.Cl. E02D 3/08 (2006.01)**
[25] EN
[54] **SOIL REINFORCEMENT SYSTEM INCLUDING ANGLED SOIL REINFORCEMENT ELEMENTS TO RESIST SEISMIC SHEAR FORCES AND METHODS OF MAKING SAME**

[54] **SYSTEME DE RENFORT DE SOL COMPRENANT DES ELEMENTS INCLINES DE RENFORT DE SOL POUR RESISTER AUX FORCES DE CISAILLEMENT SISMIQUES ET SES PROCEDES DE FABRICATION**

[72] GREEN, RUSSELL, US
[72] WISSMANN, KORD J., US
[71] GEOPIER FOUNDATION COMPANY, INC., US

[85] 2014-11-25
[86] 2013-06-07 (PCT/US2013/044749)
[87] (WO2013/185056)
[30] US (61/656,687) 2012-06-07

[21] **2,874,773**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01)**
[25] EN
[54] **INSECT RESISTANT AND HERBICIDE TOLERANT SOYBEAN EVENT PDAB9582.816.15.1**

[54] **EVENEMENT DE SOJA PDAB9582.816.15.1 RESISTANT AUX INSECTES ET TOLERANT POUR UN HERBICIDE**

[72] BARD, NATHAN, US
[72] BRADFISCH, GREGORY A., US
[72] CUI, YUNXING CORY, US
[72] DRIPPS, JAMES E., US
[72] HOFFMAN, THOMAS, US
[72] PAREDDY, DAYAKAR, US
[72] PARKHURST, DAWN M., US
[72] TOLEDO, SANDRA G., US
[72] WIGGINS, BARRY, US
[72] ZHOU, NING, US
[72] WOOSLEY, AARON T., US
[71] DOW AGROSCIENCES LLC, US

[85] 2014-11-25
[86] 2013-06-25 (PCT/US2013/047539)
[87] (WO2014/004458)
[30] US (61/663,700) 2012-06-25

[21] **2,874,774**
[13] A1

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/424 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01)**

[25] EN
[54] **BENZO [C] ISOXAZOLOAZEPINE BROMODOMAIN INHIBITORS AND USES THEREOF**

[54] **INHIBITEURS DE BROMO-DOMAINE DE BENZO [C] ISOXAZOLOAZEPINES ET APPLICATIONS ASSOCIEES**

[72] ALBRECHT, BRIAN K., US
[72] HEWITT, MICHAEL CHARLES, US
[72] GEHLING, VICTOR S., US
[72] VASWANI, RISHI G., US
[71] CONSTELLATION PHARMACEUTICALS, INC., US

[85] 2014-11-25
[86] 2013-06-06 (PCT/US2013/044444)
[87] (WO2013/184876)
[30] US (61/656,205) 2012-06-06

[21] **2,874,775**
[13] A1

[51] **Int.Cl. B01D 61/00 (2006.01) B01D 17/038 (2006.01) B01D 17/04 (2006.01) C02F 1/44 (2006.01)**

[25] EN
[54] **NON-DISPERSIVE OIL RECOVERY FROM OIL INDUSTRY LIQUID SOURCES**

[54] **RECUPERATION NON-DISPERSIVE DU PETROLE A PARTIR DE SOURCES LIQUIDES DE L'INDUSTRIE PETROLIFERE**

[72] SEIBERT, FRANK, US
[72] TRUSCOTT, STACY S., US
[72] BRIGGS, STEPHEN WILLIAM, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[71] ORGANIC FUELS ALGAE TECHNOLOGIES, LLC, US

[85] 2014-11-25
[86] 2013-06-14 (PCT/US2013/046026)
[87] (WO2013/188849)
[30] US (61/659,776) 2012-06-14
[30] US (13/918,829) 2013-06-14

[21] **2,874,776**
[13] A1

[51] **Int.Cl. C08G 8/38 (2006.01) A01N 25/10 (2006.01) A01N 37/34 (2006.01) A01N 43/54 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01) B01J 20/26 (2006.01) B01J 20/32 (2006.01) B09C 1/00 (2006.01) B09C 1/08 (2006.01) C02F 1/28 (2006.01) C08G 8/22 (2006.01) C08G 8/36 (2006.01) C09D 161/12 (2006.01) C09D 161/14 (2006.01)**

[25] EN
[54] **COMPOSITION AND METHOD FOR RETENTION OF SOLVATED COMPOUNDS AND IONS**

[54] **COMPOSITION ET PROCEDE DE RETENTION DE COMPOSES ET IONS SOLVATES**

[72] ELLIOTT, CURTIS, US
[71] ECO VERDE TECHNOLOGIES, INC., US

[85] 2014-11-25
[86] 2013-06-18 (PCT/US2013/046265)
[87] (WO2013/192153)
[30] US (61/660,885) 2012-06-18
[30] US (13/913,852) 2013-06-10

[21] **2,874,777**
[13] A1

[51] **Int.Cl. H04N 5/225 (2006.01) B60R 1/00 (2006.01)**

[25] EN
[54] **CAMERA HEAD WITH PAN, ROLL AND TILT MOVEMENT**

[54] **TETE DE CAMERA A MOUVEMENT DE PANORAMIQUE, DE ROULIS ET D'INCLINAISON**

[72] CHAPMAN, LEONARD T., US
[71] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US

[85] 2014-11-25
[86] 2013-06-11 (PCT/US2013/045214)
[87] (WO2013/191962)
[30] US (13/527,293) 2012-06-19

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[21] **2,874,778**
[13] A1

[51] **Int.Cl. A61K 31/343 (2006.01) A61K 31/381 (2006.01) A61K 31/404 (2006.01) A61K 31/44 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) A61K 31/661 (2006.01) A61K 31/69 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY INVOLVING A VASCULAR DISRUPTING AGENT AND AN AGENT WHICH TARGETS HYPOXIA**

[54] **POLY THERAPIE COMPRENANT UN AGENT DE PERTURBATION VASCULAIRE ET UN AGENT CIBLANT L'HYPOXIE**

[72] INGLIS, DANIEL J., AU
[72] LAVRANOS, TINA C., AU
[72] KREMMIDIOTIS, GABRIEL, AU
[71] BIONOMICS LIMITED, AU
[85] 2014-11-26
[86] 2013-06-03 (PCT/AU2013/000581)
[87] (WO2013/177633)
[30] AU (2012902291) 2012-06-01

[21] **2,874,782**
[13] A1

[51] **Int.Cl. C25B 15/02 (2006.01) G06Q 30/02 (2012.01) G06Q 30/04 (2012.01) G06Q 50/06 (2012.01) C25B 1/04 (2006.01) F17D 1/08 (2006.01) G01F 15/00 (2006.01) H02J 3/28 (2006.01)**

[25] EN

[54] **ELECTROLYSER AND ENERGY SYSTEM**

[54] **ELECTROLYSEUR ET SYSTEME ENERGETIQUE**

[72] JOOS, NATHANIEL IAN, CA
[72] CARGNELLI, JOSEPH, CA
[71] HYDROGENICS CORPORATION, CA
[85] 2014-11-26
[86] 2013-05-27 (PCT/CA2013/050404)
[87] (WO2013/177700)
[30] US (61/652,263) 2012-05-28

[21] **2,874,785**
[13] A1

[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/90 (2006.01)**

[25] EN

[54] **METHOD OF TREATING SUBTERRANEAN FORMATIONS**

[54] **PROCEDE DE TRAITEMENT DE FORMATIONS SOUTERRAINES**

[72] GIARDINI, LORENZO, IT
[72] MERLI, LUIGI, IT
[72] LANGELLA, VALENTINA, IT
[72] RICCABONI, MAURO, IT
[72] BIASOTTI, BARBARA, IT
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[72] PIROVANO, PIERANGELO, IT
[71] LAMBERTI SPA, IT
[85] 2014-11-25
[86] 2013-06-05 (PCT/EP2013/061534)
[87] (WO2013/186093)
[30] IT (VA2012A000016) 2012-06-11

[21] **2,874,788**
[13] A1

[51] **Int.Cl. A61B 17/06 (2006.01)**

[25] EN

[54] **ENDOSCOPIC SURGICAL APPARATUS AND METHOD THEREOF**

[54] **APPAREIL CHIRURGICAL ENDOSCOPIQUE ET SA METHODE**

[72] HIERNAUX, MARTIN, BE
[72] CHAU, ALEXANDRE, BE
[72] HUBERTY, VINCENT, BE
[72] IBRAHIM, MOSTAFA, EG
[72] DEVIERE, JACQUES, BE
[71] ENDO TOOLS THERAPEUTHICS S.A., BE
[85] 2014-11-25
[86] 2013-06-14 (PCT/EP2013/062337)
[87] (WO2013/186341)
[30] EP (12172243.3) 2012-06-15
[30] US (61/660,024) 2012-06-15

[21] **2,874,790**
[13] A1

[51] **Int.Cl. G06T 7/40 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR IMAGE PROCESSING, AND LASER SCANNING OPHTHALMOSCOPE HAVING AN IMAGE PROCESSING APPARATUS**

[54] **PROCEDES ET APPAREIL POUR LE TRAITEMENT D'IMAGES, ET OPHTALMOSCOPE A BALAYAGE LASER AYANT UN APPAREIL DE TRAITEMENT D'IMAGES**

[72] CLIFTON, DAVID, GB
[71] OPTOS PLC, GB
[85] 2014-11-25
[86] 2013-05-28 (PCT/GB2013/051412)
[87] (WO2013/179021)
[30] GB (1209390.2) 2012-05-28

[21] **2,874,791**
[13] A1

[51] **Int.Cl. A23D 9/00 (2006.01) A23L 1/00 (2006.01) A23L 1/0534 (2006.01) A23L 1/056 (2006.01)**

[25] EN

[54] **MICROCAPSULES CONTAINING AN OXIDIZABLE ACTIVE, AND A PROCESS FOR PREPARING THE SAME**

[54] **MICROCAPSULES COMPRENANT UN PRODUIT ACTIF OXYDABLE ET PROCEDE POUR LES PREPARER**

[72] BUISSON, PIERRE, FR
[72] CHAIGNEAU, CARINE, FR
[72] VENDEVILLE, JEAN-EUDES, FR
[71] IDCAPS, FR
[85] 2014-11-26
[86] 2013-04-12 (PCT/EP2013/057739)
[87] (WO2013/153220)
[30] EP (12305434.8) 2012-04-12
[30] US (61/623,210) 2012-04-12

Demandes PCT entrant en phase nationale

[21] **2,874,792**
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/17 (2006.01) A61M 25/00 (2006.01)**

[25] EN
[54] **CRANIAL DRILL SYSTEM**
[54] **SYSTEME DE TREPAN CRANIEN**
[72] GILL, STEVEN STREATFIELD, GB
[72] FENNELLY, CATRIONA, IE
[71] RENISHAW PLC, GB
[85] 2014-11-26
[86] 2013-05-31 (PCT/GB2013/051451)
[87] (WO2013/179053)
[30] GB (1209772.1) 2012-06-01

[21] **2,874,794**
[13] A1

[51] **Int.Cl. B41M 3/14 (2006.01) B42D 15/00 (2006.01)**

[25] EN
[54] **METHODS FOR PRINTING TACTILE SECURITY FEATURES**
[54] **PROCEDES D'IMPRESSION DE CARACTERISTIQUES DE SECURITE TACTILES**
[72] GARNIER, CHRISTOPHE, FR
[72] VUILLEUMIER, LUCIEN, CH
[72] DEGOTT, PIERRE, CH
[71] SICPA HOLDING SA, CH
[71] SICPA HOLDING SA, CH
[85] 2014-11-26
[86] 2013-04-16 (PCT/EP2013/057904)
[87] (WO2013/185950)
[30] EP (12171469.5) 2012-06-11

[21] **2,874,796**
[13] A1

[51] **Int.Cl. B01D 11/02 (2006.01) B01D 11/04 (2006.01)**

[25] EN
[54] **APPARATUS AND METHOD FOR THE EXTRACTION OF HYDROCARBONS AND USE THEREOF IN THE TREATMENT OF OIL CONTAMINATIONS**
[54] **APPAREIL ET PROCEDE POUR L'EXTRACTION D'HYDROCARBURES ET LEUR UTILISATION DANS LE TRAITEMENT DE CONTAMINATIONS HUILEUSES**
[72] MAN, GENADI, CH
[71] MAN OIL GROUP AG, CH
[85] 2014-11-26
[86] 2013-05-28 (PCT/EP2013/060933)
[87] (WO2013/178614)
[30] EP (12169851.8) 2012-05-29

[21] **2,874,797**
[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/496 (2006.01) A61K 47/44 (2006.01) A61P 31/10 (2006.01)**

[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING CRYSTALLINE POSACONAZOLE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU POSACONAZOLE CRISTALLIN**
[72] PALMBERGER (NEE: BARTSCH), SUSANNE, AT
[72] MOHR, CHRISTINE, AT
[72] STUBAUER, GOTTFRIED, AT
[71] SANDOZ AG, CH
[85] 2014-11-26
[86] 2013-06-13 (PCT/EP2013/062298)
[87] (WO2013/186320)
[30] EP (12172032.0) 2012-06-14

[21] **2,874,799**
[13] A1

[51] **Int.Cl. F16M 11/08 (2006.01)**

[25] EN
[54] **SUPPORT ARM CONNECTION**
[54] **RACCORD DE BRAS DE SUPPORT**
[72] ESTERBAUER, HERMANN, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[85] 2014-11-26
[86] 2013-07-01 (PCT/EP2013/063767)
[87] (WO2014/009188)
[30] AT (A50276/2012) 2012-07-10

[21] **2,874,800**
[13] A1

[51] **Int.Cl. C07D 487/16 (2006.01) A61K 31/52 (2006.01) A61P 31/00 (2006.01) C07D 498/16 (2006.01)**

[25] EN
[54] **MACROCYCLIC PURINES FOR THE TREATMENT OF VIRAL INFECTIONS**
[54] **PURINES MACROCYCLIQUES DESTINEES AU TRAITEMENT D'INFECTIONS VIRALES**
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] FORTIN, JEROME MICHEL CLAUDE, FR
[72] MULLER, PHILIPPE, FR
[72] DOUBLET, FREDERIC MARC MAURICE, FR
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] ARNOULT, ERIC PIERRE ALEXANDRE, FR
[71] JANSSEN R&D IRELAND, IE
[85] 2014-11-26
[86] 2013-07-12 (PCT/EP2013/064763)
[87] (WO2014/009509)
[30] EP (12176330.4) 2012-07-13

[21] **2,874,801**
[13] A1

[51] **Int.Cl. B61F 5/52 (2006.01)**

[25] EN
[54] **RUNNING GEAR FRAME FOR A RAIL VEHICLE**
[54] **CHASSIS D'ORGANE DE ROULEMENT POUR VEHICULE FERROVIAIRE**
[72] ZANUTTI, CEDRIC, BE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2014-11-26
[86] 2013-05-29 (PCT/EP2013/061133)
[87] (WO2013/178717)
[30] EP (12170083.5) 2012-05-30

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[21] **2,874,802**
[13] A1
[51] **Int.Cl. B61F 5/00 (2006.01)**
[25] EN
[54] **RAIL VEHICLE UNIT**
[54] **UNITE DE VEHICULE**
FERROVIAIRE
[72] WOLF, ANDREAS, CH
[72] WUSCHING, MICHAEL, DE
[72] ZANUTTI, CEDRIC, BE
[71] BOMBARDIER TRANSPORTATION
GMBH, DE
[85] 2014-11-26
[86] 2013-05-29 (PCT/EP2013/061134)
[87] (WO2013/178718)
[30] EP (12170114.8) 2012-05-30

[21] **2,874,803**
[13] A1
[51] **Int.Cl. A47B 47/04 (2006.01)**
[25] EN
[54] **FURNITURE STRUCTURE**
[54] **STRUCTURE DE MEUBLE**
[72] PICCHIO, CESARE, IT
[72] MOLTENI, PIETRO, IT
[71] UNIFOR S.P.A., IT
[85] 2014-11-26
[86] 2012-12-14 (PCT/IB2012/057319)
[87] (WO2013/182877)
[30] IT (MI2012A000984) 2012-06-06

[21] **2,874,804**
[13] A1
[51] **Int.Cl. B01D 3/00 (2006.01) B01D 3/14**
(2006.01) B01D 3/36 (2006.01) B01D
3/40 (2006.01) B01D 17/12 (2006.01)
[25] EN
[54] **DEHYDRATION OF DILUTIONS**
OF COMPOUNDS FORMING AN
AZEOTROPE WITH WATER
[54] **DESHYDRATATION DE**
DILUTIONS DE COMPOSES
FORMANT UN AZEOTROPE
AVEC L'EAU
[72] KISS, ANTON ALEXANDRU, NL
[71] AKZO NOBEL CHEMICALS
INTERNATIONAL B.V., NL
[85] 2014-11-26
[86] 2013-06-03 (PCT/EP2013/061335)
[87] (WO2013/182499)
[30] EP (12170856.4) 2012-06-05
[30] US (61/655,597) 2012-06-05

[21] **2,874,805**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/11**
(2006.01)
[25] EN
[54] **REGISTERING OF**
PHYSIOLOGICAL PARAMETERS
BASED ON IMAGE ANALYSIS OF
LIGHT REFLECTION
[54] **ENREGISTREMENT DE**
PARAMETRES
PHYSIOLOGIQUES BASE SUR
L'ANALYSE D'IMAGES DE
REFLEXION DE LUMIERE
[72] KRIEF, HAIM, IL
[71] DELAVAL HOLDING AB, SE
[85] 2014-11-26
[86] 2013-07-09 (PCT/SE2013/050880)
[87] (WO2014/011107)
[30] SE (1250807-3) 2012-07-10
[30] US (61/669,736) 2012-07-10

[21] **2,874,808**
[13] A1
[51] **Int.Cl. G01M 3/18 (2006.01)**
[25] EN
[54] **ELECTRO-SCAN INTEGRATION**
INTO VIDEO PIPE INSPECTION
VEHICLE
[54] **INTEGRATION DE SYSTEME A**
BALAYAGE ELECTRIQUE DANS
UN VEHICULE D'INSPECTION
VIDEO DE CANALISATION
[72] HANSEN, CHARLES, US
[72] HARRIS, ROBERT JACKSON, US
[71] ELECTRO SCAN, INC., US
[85] 2014-11-26
[86] 2013-05-31 (PCT/US2013/000144)
[87] (WO2013/180759)
[30] US (61/689,248) 2012-06-01

[21] **2,874,809**
[13] A1
[51] **Int.Cl. B23B 31/20 (2006.01)**
[25] EN
[54] **COLLET RETENTION**
MECHANISM FOR A ROTARY
TOOL
[54] **MECANISME DE RETENUE DE**
PINCE POUR UN OUTIL ROTATIF
[72] MEYERS, ANDREW, US
[72] NOVOTNY, SCOTT, US
[71] ROBERT BOSCH GMBH, DE
[85] 2014-11-26
[86] 2013-01-28 (PCT/US2013/023461)
[87] (WO2013/184173)
[30] US (13/488,481) 2012-06-05

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p style="text-align: center;">[21] 2,863,060 [13] A1</p> <p>[51] Int.Cl. B01J 41/14 (2006.01) B01J 47/12 (2006.01) C08J 5/22 (2006.01)</p> <p>[25] EN</p> <p>[54] RESILIENT CATION EXCHANGE MEMBRANES PREPARED BY POLYMERIZING IONIC SURFACTANT MONOMERS</p> <p>[54] MEMBRANES ECHANGEUSES D'IONS ELASTIQUES PREPAREES PAR POLYMERISATION DE MONOMERES TENSIOACTIFS IONIQUES</p> <p>[72] YIN, XIANGCHUN, CA</p> <p>[71] SALTWORKS TECHNOLOGIES INC., CA</p> <p>[22] 2013-04-17</p> <p>[41] 2013-10-24</p> <p>[62] 2,866,300</p> <p>[30] US (61/635,349) 2012-04-19</p>	<p style="text-align: center;">[21] 2,866,905 [13] A1</p> <p>[51] Int.Cl. A61K 31/40 (2006.01) A61K 31/138 (2006.01) A61K 31/381 (2006.01) A61P 3/10 (2006.01)</p> <p>[25] EN</p> <p>[54] TRANS-CLOMIPHEN FOR TYPE 2 DIABETES</p> <p>[54] TRANS-CLOMIPHENE POUR DIABETE DE TYPE 2</p> <p>[72] VAN AS, ANDRE, US</p> <p>[71] REPROS THERAPEUTICS, INC., US</p> <p>[22] 2008-09-05</p> <p>[41] 2009-04-23</p> <p>[62] 2,806,526</p> <p>[30] US (60/980,334) 2007-10-16</p>	<p style="text-align: center;">[21] 2,868,578 [13] A1</p> <p>[51] Int.Cl. B65F 3/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR PROCESSING WASTE MATERIAL</p> <p>[54] SYSTEME ET PROCEDE DE TRAITEMENT DE DECHETS</p> <p>[72] WURMAN, PETER R., US</p> <p>[72] BARBEHENN, MICHAEL, US</p> <p>[72] INSINGA, ARON KLAIR, US</p> <p>[72] ARTHEN, ERIC LEVENTHAL, US</p> <p>[72] CHAITIN-POLLAK, JOSHUA B., US</p> <p>[71] AMAZON TECHNOLOGIES, INC., US</p> <p>[22] 2010-11-24</p> <p>[41] 2011-07-21</p> <p>[62] 2,784,874</p> <p>[30] US (61/289,890) 2009-12-23</p> <p>[30] US (12/766,492) 2010-04-23</p>
<p style="text-align: center;">[21] 2,864,529 [13] A1</p> <p>[51] Int.Cl. H05K 7/02 (2006.01) H05K 5/02 (2006.01)</p> <p>[25] EN</p> <p>[54] UNIT FOR ATTACHING AND DISTRIBUTION OF MULTIMEDIA PERIPHERALS</p> <p>[54] MODULE DE FIXATION ET DE DISTRIBUTION DE PERIPHERIQUES MULTIMEDIAS</p> <p>[72] HARJI, MAHMUD, CA</p> <p>[72] LEE, BALIN, CA</p> <p>[72] HAMMERSLEY, DONOVAN, CA</p> <p>[72] CHUN NAM CHAN, JAMES, CA</p> <p>[72] CHEN, HONG, CA</p> <p>[71] PRIMEX MANUFACTURING LTD., CA</p> <p>[22] 2014-09-25</p> <p>[41] 2014-11-24</p>	<p style="text-align: center;">[21] 2,867,959 [13] A1</p> <p>[51] Int.Cl. E04B 2/86 (2006.01) E04B 2/00 (2006.01) E04G 11/06 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTI-STOREY INSULATED CONCRETE FOAM BUILDING AND METHOD OF CONSTRUCTION THEREOF</p> <p>[54] BATIMENT A ETAGES MULTIPLES EN BETON ET MOUSSE ISOLE ET METHODE DE CONSTRUCTION CONNEXE</p> <p>[72] WAY, ALVEN, CA</p> <p>[71] WAY, ALVEN, CA</p> <p>[22] 2005-03-09</p> <p>[41] 2005-09-10</p> <p>[62] 2,566,566</p> <p>[30] US (60/551,327) 2004-03-10</p>	<p style="text-align: center;">[21] 2,868,579 [13] A1</p> <p>[51] Int.Cl. E02F 9/28 (2006.01)</p> <p>[25] EN</p> <p>[54] WEAR ASSEMBLY</p> <p>[54] ENSEMBLE D'ASURE</p> <p>[72] CARPENTER, CHRISTOPHER M., US</p> <p>[72] CONKLIN, DONALD M., US</p> <p>[72] MORRIS, RAY J., US</p> <p>[72] BEARDEN, JAMES E., US</p> <p>[72] DURAND, SEVERN D., US</p> <p>[71] ESCO CORPORATION, US</p> <p>[22] 2007-03-28</p> <p>[41] 2007-11-01</p> <p>[62] 2,644,577</p> <p>[30] US (60/787,268) 2006-03-30</p>

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[21] **2,869,050**
[13] A1

[51] **Int.Cl. E01D 19/00 (2006.01) E01D 15/00 (2006.01) E01D 15/133 (2006.01) E01D 19/10 (2006.01) E04C 3/02 (2006.01)**

[25] EN

[54] **MOMENT-RESISTING JOINT AND SYSTEM**

[54] **RACCORD ET SYSTEME RESISTANT AUX MOMENTS**

[72] DE LA CHEVROTIERE, ALEXANDRE, CA

[71] DE LA CHEVROTIERE, ALEXANDRE, CA

[22] 2006-05-12

[41] 2006-11-16

[62] 2,607,711

[30] US (60/679,884) 2005-05-12

[30] US (11/383,030) 2006-05-12

[21] **2,869,543**
[13] A1

[51] **Int.Cl. B41M 3/14 (2006.01) B42D 25/30 (2014.01) B42D 25/342 (2014.01)**

[25] EN

[54] **ANTI-COUNTERFEIT PRINTED MATTER**

[54] **IMPRIME EMPECHANT LA CONTREFACON**

[72] KIUCHI, MASATO, JP

[72] KIMURA, TOSHIHIRO, JP

[72] MATSUMOTO, YOSHINOBU, JP

[72] YONEYAMA, KENICHIRO, JP

[71] NATIONAL PRINTING BUREAU, INCORPORATED ADMINISTRATIVE AGENCY, JP

[22] 2009-10-01

[41] 2010-04-08

[62] 2,738,992

[30] JP (2008-258770) 2008-10-03

[30] JP (2009-160673) 2009-07-07

[21] **2,869,759**
[13] A1

[51] **Int.Cl. A61B 17/128 (2006.01)**

[25] EN

[54] **APPARATUS FOR APPLYING SURGICAL CLIPS**

[54] **APPAREIL DESTINE A APPLIQUER DES AGRAFES CHIRURGICALES**

[72] ARANYI, ERNEST, US

[72] WHITFIELD, KENNETH H., US

[72] SORRENTINO, GREGORY, US

[71] TYCO HEALTHCARE GROUP LP, US

[22] 2005-10-07

[41] 2006-04-20

[62] 2,809,110

[30] US (60/617,017) 2004-10-08

[21] **2,869,800**
[13] A1

[51] **Int.Cl. B23C 3/28 (2006.01) B23B 27/14 (2006.01) B23C 3/30 (2006.01) B23C 5/08 (2006.01)**

[25] EN

[54] **SLOTING CUTTER AND INSERTS FOR SAME**

[54] **FRAISE A RAINURER, ET INSERT POUR CELLE-CI**

[72] HUGHES, DONALD R., US

[71] GREENLEAF TECHNOLOGY CORPORATION, US

[22] 2008-02-22

[41] 2008-09-04

[62] 2,679,367

[30] US (60/891,642) 2007-02-26

[21] **2,869,863**
[13] A1

[51] **Int.Cl. E06B 9/262 (2006.01)**

[25] EN

[54] **RETRACTABLE SHADE WITH COLLAPSIBLE VANES**

[54] **STORE RETRACTABLE A LAMELLES PLIABLES**

[72] COLSON, WENDELL B., US

[72] HARPER, MARJORIE G., US

[72] FOGARTY, DANIEL M., US

[72] HARTMAN, DAVID P., US

[72] JELIC, RALPH G., US

[72] KOPECKY, KRISTI K., US

[71] HUNTER DOUGLAS INC., US

[22] 2004-08-20

[41] 2005-03-03

[62] 2,747,276

[30] US (60/497,020) 2003-08-20

[21] **2,869,925**
[13] A1

[51] **Int.Cl. B65H 75/22 (2006.01) B65H 75/20 (2006.01) E21B 19/14 (2006.01) E21B 19/22 (2006.01)**

[25] EN

[54] **CONTINUOUS ROD TRANSPORT SYSTEM**

[54] **SYSTEME DE TRANSPORT CONTINU DE BARRES**

[72] BASLER, HERMANN, CA

[72] PENNER, JONATHAN P., CA

[71] WEATHERFORD/LAMB, INC., US

[22] 2010-09-07

[41] 2011-03-28

[62] 2,714,456

[30] US (12/568,053) 2009-09-28

[21] **2,870,030**
[13] A1

[51] **Int.Cl. B65D 81/34 (2006.01)**

[25] EN

[54] **INSULATING MICROWAVE INTERACTIVE PACKAGING**

[54] **EMBALLAGE ISOLANT REAGISSANT AUX MICRO-ONDES**

[72] WNEK, PATRICK, US

[72] LAFFERTY, TERRENCE P., US

[72] ROBINSON, RICHARD G., US

[72] COLE, LORIN R., US

[72] O'HAGAN, BRIAN, US

[72] MIDDLETON, SCOTT W., US

[71] GRAPHIC PACKAGING INTERNATIONAL INC., US

[22] 2003-02-07

[41] 2003-08-14

[62] 2,814,255

[30] US (60/355,149) 2002-02-08

[21] **2,870,212**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/02 (2006.01) A61M 29/00 (2006.01)**

[25] EN

[54] **STOMA DILATOR**

[54] **DILATATEUR DE STOMIE**

[72] GRIFFITH, NATHAN CHRISTOPHER, US

[72] MCMICHAEL, DONALD JAY, US

[71] KIMBERLY-CLARK WORLDWIDE, INC., US

[22] 2008-06-19

[41] 2009-03-05

[62] 2,697,873

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[21] **2,870,343**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) B25J 3/00 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **FORCE ESTIMATION FOR A MINIMALLY INVASIVE ROBOTIC SURGERY SYSTEM**
[54] **PROCEDE D~ESTIMATION DE LA FORCE DESTINE A UN SYSTEME DE CHIRURGIE ROBOTIQUE LE MOINS INVASIF POSSIBLE**
[72] RUIZ MORALES, EMILIO, IT
[72] CORRECHER SALVADOR, CARLOS, ES
[71] THE EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), REPRESENTED BY THE EUROPEAN COMMISSION, BE
[22] 2007-10-25
[41] 2008-05-02
[62] 2,664,997
[30] EP (06122937.3) 2006-10-25

[21] **2,870,447**
[13] A1

[51] **Int.Cl. A46B 15/00 (2006.01) A61C 7/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT HAVING A SOFT TISSUE CLEANSER**
[54] **APPAREIL DE SOINS BUCCAUX AVEC NETTOYEUR DE TISSUS MOUS**
[72] MOSKOVICH, ROBERT, US
[71] COLGATE-PALMOLIVE COMPANY, US
[22] 2005-11-23
[41] 2006-06-22
[62] 2,590,203
[30] US (11/011,605) 2004-12-15

[21] **2,870,809**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A23D 9/00 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF POLYUNSATURATED FATTY ACIDS IN PLANTS**
[54] **PROCEDE DE PRODUCTION D'ACIDES GRAS POLYINSATURES DANS DES PLANTES**
[72] CIRPUS, PETRA, DE
[72] RENZ, ANDREAS, DE
[72] LERCHL, JENS, DE
[72] KUIJPERS, ANNE-MARIE, DE
[71] BASF PLANT SCIENCE GMBH, DE
[22] 2003-04-25
[41] 2003-11-13
[62] 2,485,060
[30] DE (102 19 203.0) 2002-04-29

[21] **2,870,964**
[13] A1

[51] **Int.Cl. C12N 15/84 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DNA CONSTRUCTS AND METHODS TO ENHANCE THE PRODUCTION OF COMMERCIALY VIABLE TRANSGENIC PLANTS**
[54] **PRODUITS DE RECOMBINAISON D'ADN ET PROCEDES POUR AMELIORER LA PRODUCTION DE PLANTES TRANSGENIQUES COMMERCIALEMENT VIABLES**
[72] GILBERTSON, LARRY, US
[72] KRIEGER, ELYSIA, US
[72] ZHANG, WANGGEN, US
[72] YE, XUDONG, US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2004-04-09
[41] 2004-10-28
[62] 2,521,674
[30] US (60/461,459) 2003-04-09

[21] **2,871,039**
[13] A1

[51] **Int.Cl. C07H 5/00 (2006.01) A61K 31/573 (2006.01) C12P 33/00 (2006.01) C12P 33/06 (2006.01)**
[25] EN
[54] **ENZYMATIC PROCESS FOR OBTAINING 17 ALPHA-MONOESTERS OF CORTEXOLONE AND/OR ITS 9,11-DEHYDRODERIVATIVES**
[54] **PROCEDE ENZYMATIQUE POUR OBTENIR DES 17 ALPHA-MONOESTERS DE CORTEXOLONE ET/OU SES DERIVES 9,11-DESHYDRO**
[72] AJANI, MAURO, IT
[72] MORO, LUIGI, IT
[71] COSMO DERMATOS SRL, IT
[22] 2008-07-24
[41] 2009-02-12
[62] 2,691,445
[30] IT (MI2007A001616) 2007-08-03

[21] **2,871,088**
[13] A1

[51] **Int.Cl. C12N 15/31 (2006.01) A61K 31/7088 (2006.01) A61K 39/102 (2006.01) A61K 39/40 (2006.01) A61P 27/16 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/285 (2006.01) C07K 16/12 (2006.01) C12Q 1/68 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **GENES OF AN OTITIS MEDIA ISOLATE OF NONTYPEABLE HAEMOPHILUS INFLUENZAE**
[54] **GENES D'ISOLAT D'OTITE MOYENNE DE SOUCHE NON TYPABLE HAEMOPHILUS INFLUENZAE**
[72] BAKALETZ, LAUREN O., US
[72] MUNSON, ROBERT S., JR., US
[72] DYER, DAVID W., US
[71] NATIONWIDE CHILDREN'S HOSPITAL, INC., US
[71] THE BOARD OF REGENTS OF UNIVERSITY OF OKLAHOMA, US
[22] 2006-06-15
[41] 2006-12-28
[62] 2,612,240
[30] US (60/691,214) 2005-06-16

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[21] **2,871,284**
[13] A1

[51] **Int.Cl. A61F 13/494 (2006.01) A61F 13/15 (2006.01)**

[25] EN

[54] **WEB MATERIAL(S) FOR ABSORBENT ARTICLES**

[54] **MATERIAU(X) EN BANDE POUR ARTICLES ABSORBANTS**

[72] CHHABRA, RAJEEV, US

[72] CHENG, CALVIN HOI WUNG, US

[72] ISELE, OLAF ERIK ALEXANDER, US

[72] NELSON, DEEANN LING, US

[71] THE PROCTER & GAMBLE COMPANY, US

[22] 2011-02-10

[41] 2011-08-18

[62] 2,789,631

[30] US (61/303,184) 2010-02-10

[21] **2,871,392**
[13] A1

[51] **Int.Cl. H04L 29/02 (2006.01) H04L 9/00 (2006.01)**

[25] EN

[54] **POLICY- BASED SECURE COMMUNICATION WITH AUTOMATIC KEY MANAGEMENT FOR INDUSTRIAL CONTROL AND AUTOMATION SYSTEMS**

[54] **COMMUNICATION SECURISEE FONDEE SUR UNE POLITIQUE DE GESTION DE CLE AUTOMATIQUE POUR LES SYSTEMES INDUSTRIELS DE COMMANDE ET AUTOMATISATION**

[72] CHERNOGUZOV, ALEXANDER, US

[72] MARKHAM, THOMAS R., US

[72] HARIDAS, HARSHAL S., US

[71] HONEYWELL INTERNATIONAL INC., US

[22] 2014-11-17

[41] 2014-11-17

[30] US (61/932,142) 2013-01-27

[30] US (14/309,251) 2014-06-19

[21] **2,871,448**
[13] A1

[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01)**

[25] EN

[54] **INJECTION DEVICE**

[54] **DISPOSITIF D'INJECTION**

[72] EVANS, TIMOTHY SIMON, GB

[71] OWEN MUMFORD LIMITED, GB

[22] 2007-05-10

[41] 2007-11-15

[62] 2,651,582

[30] GB (0609229.0) 2006-05-10

[21] **2,871,455**
[13] A1

[51] **Int.Cl. A46B 9/04 (2006.01) A46B 3/00 (2006.01) A46B 9/06 (2006.01) A61C 17/00 (2006.01)**

[25] EN

[54] **ORAL CARE IMPLEMENT HAVING A FLEXIBLE HEAD**

[54] **INSTRUMENT POUR SOINS BUCCAUX**

[72] XI, WENJIN, CN

[72] LIU, YU, CN

[72] ZHOU, JIANRONG, CN

[71] COLGATE-PALMOLIVE COMPANY, US

[22] 2010-12-21

[41] 2012-06-28

[62] 2,822,139

[21] **2,871,472**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **DOMINANT GENE SUPPRESSION TRANSGENES AND METHODS OF USING SAME**

[54] **TRANSGENES DE SUPPRESSION DE GENE DOMINANT ET LEURS PROCEDES D'UTILISATION**

[72] CIGAN, ANDREW M., US

[72] FOX, TIMOTHY W., US

[72] HERSHEY, HOWARD P., US

[72] UNGER, ERICA, US

[72] WU, YONGZHONG, US

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

[22] 2004-12-16

[41] 2005-06-30

[62] 2,549,936

[30] US (60/530,478) 2003-12-16

[30] US (60/591,975) 2004-07-29

[21] **2,871,777**
[13] A1

[51] **Int.Cl. G01N 21/63 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01) G01N 21/13 (2006.01) G01N 21/64 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODS FOR DETECTING MULTIPLE OPTICAL SIGNALS**

[54] **APPAREIL ET METHODES DE DETECTION DE SIGNAUX OPTIQUES MULTIPLES**

[72] HAYES, MATTHEW J., GB

[72] KNIGHT, BYRON J., US

[72] LI, HAITAO, US

[72] SCALESE, ROBERT F., US

[71] GEN-PROBE INCORPORATED, US

[22] 2006-03-10

[41] 2006-09-21

[62] 2,599,576

[30] US (60/659874) 2005-03-10

[21] **2,872,093**
[13] A1

[51] **Int.Cl. B01D 46/52 (2006.01)**

[25] EN

[54] **FILTER ELEMENT COMPRISING A SEAL ARRANGEMENT AND METHOD FOR MAKING THE SAME**

[54] **ELEMENT FILTRANT MUNI D'UN ELEMENT D'ETANCHEITE ET PROCEDE DE FABRICATION**

[72] SCHRAGE, KEVIN J., US

[72] MURPHY, TROY, US

[72] MORK, DONALD RAYMOND, US

[71] DONALDSON COMPANY, INC., US

[22] 2004-12-21

[41] 2005-07-14

[62] 2,550,734

[30] US (60/532783) 2003-12-22

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[21] **2,872,172**
[13] A1

[51] **Int.Cl. C09D 5/12 (2006.01) C09D 7/12 (2006.01) C09D 175/16 (2006.01)**

[25] EN

[54] **MULTILAYER COATINGS SUITABLE FOR AEROSPACE APPLICATIONS**

[54] **REVETEMENTS MULTICOUCHES QUI CONVIENNENT POUR DES APPLICATIONS AEROSPATIALES**

[72] IEZZI, ERICK B., US

[72] BOWMAN, MARK P., US

[72] WALTERS, DAVID N., US

[71] PPG INDUSTRIES OHIO, INC., US

[22] 2008-05-27

[41] 2009-02-26

[62] 2,696,601

[30] US (11/840,288) 2007-08-17

[21] **2,872,408**
[13] A1

[51] **Int.Cl. A01N 57/20 (2006.01) A01N 37/20 (2006.01) A01N 41/10 (2006.01) A01N 43/40 (2006.01) A01N 43/707 (2006.01) A01N 43/80 (2006.01) A01N 43/824 (2006.01) A01N 47/34 (2006.01) A01N 47/36 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOSITIONS COMPRISING GLYPHOSATE FOR TOLERANT OR RESISTANT MAIZE CROPS**

[54] **COMPOSITIONS HERBICIDES POUR CULTURES DE MAIS LES TOLERANT OU Y RESISTANT**

[72] HACKER, ERWIN, DE

[72] BIERINGER, HERMANN, DE

[72] WILLMS, LOTHAR, DE

[71] BAYER CROPS SCIENCE AG, DE

[22] 1999-08-10

[41] 2000-02-24

[62] 2,783,196

[30] DE (198 36 737.6) 1998-08-13

[30] DE (199 19 993.0) 1999-04-30

[21] **2,872,420**
[13] A1

[51] **Int.Cl. H05K 7/14 (2006.01) A47F 5/00 (2006.01) A47F 7/00 (2006.01) F16M 11/04 (2006.01) H02G 3/04 (2006.01)**

[25] EN

[54] **DISPLAY SYSTEM WITH MOUNTING ASSEMBLIES AND ASSOCIATED METHODS**

[54] **SYSTEME D'AFFICHAGE AVEC NECESSAIRES DE MONTAGE ET METHODES CONNEXES**

[72] TRINH, NICK QUANG, US

[72] BOWSER, JOSEPH HARLAN, US

[72] KOSTKA, JIM W., US

[72] JURIC, NICHOLAS C., US

[71] TARGET BRANDS, INC., US

[22] 2012-05-15

[41] 2012-07-18

[62] 2,776,372

[30] US (13/471,156) 2012-05-14

[21] **2,872,424**
[13] A1

[51] **Int.Cl. A61K 31/34 (2006.01) A61P 31/18 (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] GULNICK, SERGEI V., US

[72] MITSUYA, HIROAKI, US

[72] GHOSH, ARUN K., US

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

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

[22] 1999-06-23

[41] 1999-12-29

[62] 2,336,160

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

[21] **2,872,559**
[13] A1

[51] **Int.Cl. C02F 1/24 (2006.01) C02F 1/00 (2006.01) C02F 1/52 (2006.01) C10G 1/04 (2006.01)**

[25] EN

[54] **RECOVERY OF TAILINGS PONDS**

[54] **RECUPERATION DU CONTENU DES BACS DE DECANTATION DES RESIDUS**

[72] BOZAK, WADE R., CA

[72] KESSICK, MICHAEL E., CA

[72] FACEY, RODERICK, CA

[71] 1501367 ALBERTA LTD., CA

[22] 2008-06-10

[41] 2009-01-16

[62] 2,634,748

[30] CA (2,594,182) 2007-07-16

[21] **2,873,677**
[13] A1

[51] **Int.Cl. H04R 29/00 (2006.01) H04R 1/08 (2006.01) H04R 1/20 (2006.01) H04R 5/027 (2006.01) G10L 25/00 (2013.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MEASURING A PLURALITY OF LOUDSPEAKERS AND MICROPHONE ARRAY**

[54] **APPAREIL ET PROCEDE SERVANT A MESURER UNE PLURALITE DE HAUT-PARLEURS, ET ENSEMBLE DE MICROPHONES**

[72] SILZLE, ANDREAS, DE

[72] THIERGART, OLIVER, DE

[72] DEL GALDO, GIOVANNI, DE

[72] LANG, MATTHIAS, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[22] 2011-03-30

[41] 2011-10-06

[62] 2,795,005

[30] US (61/319,712) 2010-03-31

[30] EP (10159914.0) 2010-04-14

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,873,815**
[13] A1

[51] **Int.Cl. A61K 31/7072 (2006.01) A61K 31/455 (2006.01) A61K 31/496 (2006.01) A61P 31/06 (2006.01)**

[25] EN

[54] **ANTI-XDR-TB AGENT, ANTI-MDR-TB AGENT, AND COMBINED ANTI-TUBERCULOSIS AGENT**

[54] **AGENT ANTI-XDR-TB, AGENT ANTI-MDR-TB ET AGENT ANTITUBERCULEUX COMBINE**

[72] TAKAHASHI, YOSHIAKI, JP
[72] IGARASHI, MASAYUKI, JP
[72] OKADA, MASAJI, JP
[71] MICROBIAL CHEMISTRY RESEARCH FOUNDATION, JP
[71] INFECTIOUS DISEASE RESEARCH INSTITUTE, US

[22] 2009-10-02
[41] 2010-04-08
[62] 2,739,505
[30] JP (2008-257664) 2008-10-02

[21] **2,873,820**
[13] A1

[51] **Int.Cl. H01M 10/058 (2010.01) H01M 4/136 (2010.01) H01M 4/58 (2010.01) H01M 10/05 (2010.01)**

[25] EN

[54] **CATHODE ACTIVE MATERIAL CONTAINING LITHIUM, CATHODE CONTAINING LITHIUM, AND NONAQUEOUS SECONDARY BATTERY CONTAINING LITHIUM**

[54] **MATERIAU ACTIF DE CATHODE CONTENANT DU LITHIUM, CATHODE CONTENANT DU LITHIUM ET BATTERIE SECONDAIRE NON AQUEUSE CONTENANT DU LITHIUM**

[72] OHIRA, KOJI, JP
[72] NISHIJIMA, MOTOAKI, JP
[72] SUEKI, TOSHITSUGU, JP
[72] ESAKI, SHOGO, JP
[72] TANAKA, ISAO, JP
[72] KOYAMA, YUKINORI, JP
[72] TANAKA, KATSUHISA, JP
[72] FUJITA, KOJI, JP
[72] MURAI, SHUNSUKE, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] KYOTO UNIVERSITY, JP

[22] 2010-05-20
[41] 2010-11-25
[62] 2,835,382
[30] JP (2009 124647) 2009-05-22

[21] **2,873,825**
[13] A1

[51] **Int.Cl. H01M 4/136 (2010.01) H01M 4/58 (2010.01) H01M 4/131 (2010.01) H01M 4/62 (2006.01) H01M 4/66 (2006.01)**

[25] EN

[54] **CATHODE ACTIVE MATERIAL CONTAINING LITHIUM, CATHODE CONTAINING LITHIUM, AND NONAQUEOUS SECONDARY BATTERY CONTAINING LITHIUM**

[54] **MATERIAU ACTIF DE CATHODE CONTENANT DU LITHIUM, CATHODE CONTENANT DU LITHIUM ET BATTERIE SECONDAIRE NON AQUEUSE CONTENANT DU LITHIUM**

[72] OHIRA, KOJI, JP
[72] NISHIJIMA, MOTOAKI, JP
[72] SUEKI, TOSHITSUGU, JP
[72] ESAKI, SHOGO, JP
[72] TANAKA, ISAO, JP
[72] KOYAMA, YUKINORI, JP
[72] TANAKA, KATSUHISA, JP
[72] FUJITA, KOJI, JP
[72] MURAI, SHUNSUKE, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] KYOTO UNIVERSITY, JP

[22] 2010-05-20
[41] 2010-11-25
[62] 2,835,382

[21] **2,874,087**
[13] A1

[51] **Int.Cl. G01N 1/28 (2006.01) G01N 33/18 (2006.01)**

[25] EN

[54] **SYSTEM FOR MEASURING WATER RELEASE FROM FLOCCULATED THICK FINE TAILINGS**

[54] **TECHNIQUES DE MESURAGE ET DE CONTROLE DE PROCEDURE POUR LA DESHYDRATATION DES RESIDUS FINS EPAIS**

[72] SANCHEZ, ANA, CA
[72] BUGG, TREVOR, CA
[72] REVINGTON, ADRIAN, CA
[71] SUNCOR ENERGY INC., CA

[22] 2013-06-20
[41] 2013-12-21
[62] 2,820,660
[30] US (61/662,706) 2012-06-21

[21] **2,874,155**
[13] A1

[51] **Int.Cl. G07F 17/24 (2006.01) G07C 1/30 (2006.01)**

[25] EN

[54] **SINGLE SPACE PARKING METER AND REMOVABLE SINGLE SPACE PARKING METER MECHANISM**

[54] **PARCOMETRE POUR AIRE DE STATIONNEMENT SIMPLE ET MECANISME DE PARCOMETRE AMOVIBLE POUR AIRE DE STATIONNEMENT SIMPLE**

[72] MACKAY, GEORGE ALLAN, CA
[72] CHAUVIN, GREGORY EMILE, CA
[72] MCLARTY, SHAMUS JOHN ANGUS, CA
[72] GARVEY, BEN, CA
[71] J.J. MACKAY CANADA LIMITED, CA

[22] 2012-03-02
[41] 2012-05-16
[62] 2,770,093
[30] CA (2,733,110) 2011-03-03
[30] CA (2,756,489) 2011-10-28

[21] **2,874,263**
[13] A1

[51] **Int.Cl. E21B 47/07 (2012.01) G01K 11/32 (2006.01)**

[25] EN

[54] **ARRAY TEMPERATURE SENSING METHOD AND SYSTEM**

[54] **METHODE ET SYSTEME DE DETECTION DE TEMPERATURE DE RESEAU**

[72] MACDOUGALL, TREVOR, US
[72] GRUNBECK, JOHN J., US
[72] DUNPHY, JAMES R., US
[72] TAVERNER, DOMINO, US
[72] DAIGLE, GUY A., US
[72] IVES, MILTON E., JR., US
[72] JONES, RICHARD T., US
[71] WEATHERFORD/LAMB, INC., US

[22] 2007-08-14
[41] 2008-02-29
[62] 2,597,236
[30] US (11/468,646) 2006-08-30

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,874,274**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C12N 15/31 (2006.01)**

[25] EN

[54] **SEQUENCES FOR THE DETECTION AND IDENTIFICATION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS MREJ TYPE VII STRAINS**

[54] **SEQUENCES DE DETECTION ET D'IDENTIFICATION DE STAPHYLOCOCCUS AUREUS RES STANT A LA METHICILLINE**

[72] HULETSKY, ANN, CA

[72] ROSSBACH, VALERY, CA

[71] GENEHM SCIENCES CANADA INC., US

[22] 2002-06-04

[41] 2002-12-12

[62] 2,735,990

[30] CA (2,348,042) 2001-06-04

[21] **2,874,348**
[13] A1

[51] **Int.Cl. G07F 17/24 (2006.01) G07C 1/30 (2006.01)**

[25] EN

[54] **SINGLE SPACE PARKING METER AND REMOVABLE SINGLE SPACE PARKING METER MECHANISM**

[54] **PARCOMETRE POUR AIRE DE STATIONNEMENT SIMPLE ET MECANISME DE PARCOMETRE AMOVIBLE POUR AIRE DE STATIONNEMENT SIMPLE**

[72] MACKAY, GEORGE ALLAN, CA

[72] CHAUVIN, GREGORY EMILE, CA

[72] MCLARTY, SHAMUS JOHN ANGUS, CA

[72] GARVEY, BEN, CA

[71] J.J. MACKAY CANADA LIMITED, CA

[22] 2012-03-02

[41] 2012-05-16

[62] 2,770,093

[30] CA (2,733,110) 2011-03-03

[30] CA (2,756,489) 2011-10-28

[21] **2,874,374**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 38/42 (2006.01) A61P 7/00 (2006.01)**

[25] EN

[54] **MICRO-PARTICLES, BLOOD-SUBSTITUTE AND METHOD FOR FORMING SAME**

[54] **MICRO-PARTICULES, SUCCEDANE DE SANG ET PROCEDE DE FORMATION**

[72] BAUMLER, HANS, DE

[72] GEORGIEVA, RADOSTINA, DE

[71] CC-ERY GMBH, DE

[22] 2008-07-14

[41] 2009-01-22

[62] 2,695,952

[30] EP (07112474.7) 2007-07-13

[21] **2,874,451**
[13] A1

[51] **Int.Cl. G10H 7/00 (2006.01) G10L 19/008 (2013.01) G10L 19/16 (2013.01) G10L 19/04 (2013.01) H04S 1/00 (2006.01) H04S 3/00 (2006.01)**

[25] EN

[54] **ENHANCED CODING AND PARAMETER REPRESENTATION OF MULTICHANNEL DOWNMIXED OBJECT CODING**

[54] **CODAGE AMELIORE ET REPRESENTATION DE PARAMETRES D'UN CODAGE D'OBJET A ABAISSEMENT DE FREQUENCE MULTI-CANAL**

[72] ENGDEGARD, JONAS, SE

[72] VILLEMOS, LARS, SE

[72] PURNHAGEN, HEIKO, SE

[72] RESCH, BARBARA, SE

[71] DOLBY INTERNATIONAL AB, NL

[22] 2007-10-05

[41] 2008-04-24

[62] 2,666,640

[30] US (60/829,649) 2006-10-16

[21] **2,874,604**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/52 (2006.01) A61K 31/485 (2006.01) A61K 47/34 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **EXTENDED RELEASE FORMULATIONS OF OPIOIDS AND METHOD OF USE THEREOF**

[54] **FORMULATIONS D'OPIOIDES A LIBERATION PROLONGEE ET METHODE D'UTILISATION DES FORMULATIONS**

[72] MEHTA, ATUL M., US

[72] SHAH, MANISH S., US

[71] ELITE LABORATORIES INC., US

[22] 2004-09-28

[41] 2005-04-21

[62] 2,541,371

[30] US (60/508,531) 2003-10-03

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3 PHOENIX, INC.	2,599,365	ARMSTRONG, DANIEL A.	2,564,553	BAUMAS, OLIVIER JEAN DANIEL	2,643,617
5I SCIENCES, INC.	2,672,688	ARNOLD, ULRICH	2,690,295	BAUMHAUER, STEPHANE JEAN JOSEPH	2,635,633
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ADAM, JEAN-MICHEL	2,607,927	ASTELLAS PHARMA INC.	2,730,793	BELL HELICOPTER TEXTRON INC.	2,801,296
ADAMS, NEIL	2,636,304	ATLAS COPCO DRILLING SOLUTIONS LLC	2,692,027	BELL, JOSHUA D.	2,586,328
ADAMS, NEIL PATRICK	2,735,610	ATLAS COPCO ROCK DRILLS AB	2,692,027	BENDER, QUINN	2,790,244
ADAMS, NEIL PATRICK	2,753,779	AUZERAIS, FRANCOIS	2,619,002	BENNETT, CHARLES	2,664,827
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AIRBUS OPERATIONS LIMITED	2,667,728	BAKER HUGHES INCORPORATED	2,741,295	BEYER, GERD JUERGEN	2,594,829
AIRCELLE	2,666,614	BAKER HUGHES INCORPORATED	2,775,740	BHATTI, MUHAMMAD	2,662,511
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ALLEN, ELIZABETH A.	2,718,177	BALES, KELLY RENEE	2,675,847	BIOVEC, LLC	2,674,563
ALLISON, DAVID, B.	2,807,503	BALIGA, SHANKAR	2,573,599	BISHOP, MICHAEL B.	2,638,525
ALSTOM TRANSPORT SA	2,547,289	BALLAROTTI, MARIO	2,651,870	BISHOP-WISECARVER CORPORATION	2,816,578
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AMEGADZIE, ALBERT	2,655,159	BARBA, KIM	2,669,804	BLACKBERRY LIMITED	2,577,230
AMERICAN STERILIZER COMPANY	2,794,716	BARKER, DAVID	2,733,195	BLACKBERRY LIMITED	2,586,350
AMGEN INC.	2,655,159	BARKER, DAVID	2,733,315	BLACKBERRY LIMITED	2,636,304
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AN, JONG HOE	2,462,135	BARNETT, ROBERT W.	2,733,315	BLACKBERRY LIMITED	2,718,719
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BROWN, MICHAEL STEPHEN	2,735,610	CHOW, CHI-KIN	2,675,847	DAVIS, JAMES C.	2,618,049
BRUGEAUD, YVES	2,783,596	CHRISTIANSEN, HERMANN	2,718,683	DB IMPORTS INC.	2,856,495
BRUN, KLAUS	2,721,425	CHU, YUECHUN	2,750,839	DE BUSK, DAVID L.	2,595,634
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BRYSON, ANDY O.	2,750,077	CHUDY, DUANE S.	2,638,525	DE PAOLI, ADRIAN TOMAS	2,628,162
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SINHA, ANAND	2,577,230	SZAKACS, TAMAS JANOS	2,611,935	TINSLEY, JACK F.	2,793,499
SINNERSTAD, JONAS	2,692,027	T-MOBILE INTERNATIONAL		TISDALE, PATRICK R.	2,801,296
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SMALLEY, CHRISTOPHER G.	2,723,975	T-MOBILE USA, INC.	2,619,639	TOMS, DOUGLAS	2,787,082
SMITH, MICHAEL R.	2,767,797	TACK, DAVID W.	2,611,265	TOPCHY, ALEXANDER	
SMITH, STEPHEN P.	2,589,132	TAKAGI, HIROAKI	2,780,845	PAVLOVICH	2,741,536
SMITH, THOMAS C.	2,809,099	TAKAHASHI, MAKOTO	2,627,595	TOSHIBA MITSUBISHI-	
SMS SIEMAG AG	2,750,965	TAKEMOTO, DAISUKE	2,645,833	ELECTRIC INDUSTRIAL	
SMS SIEMAG AG	2,794,247	TALLEY, RICHARD H.	2,597,183	SYSTEMS CORPORATION	2,740,765
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SNECMA	2,572,852	TAMMERA, ROBERT F.	2,723,975	TOWN, JOHN MATTHEW	2,624,895
SNECMA	2,606,056	TAN, JACQUELINE	2,553,754	TOYAMA, YOSHIO	2,581,605
SNECMA	2,610,639	TAN, WANHONG	2,808,704	TOYOTA JIDOSHA	
SNECMA	2,629,803	TANAKA, YOSHIHITO	2,791,166	KABUSHIKI KAISHA	2,686,841
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TUROCY, KENNETH	2,733,195	WANG, QINGTAO	2,773,589	YAVUZ, MEHMET	2,722,439
TUROCY, KENNETH	2,733,315	WANG, XUNING	2,782,839	YEON, CHOI SEO	2,729,133
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TYCO FIRE PRODUCTS LP	2,608,653	WANG, ZEN Y.	2,733,315	YOON, SUK HYON	2,462,135
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TYCO HEALTHCARE GROUP LP	2,773,480	WATSON, NIGEL S.	2,816,578	YOUNG, JEFF	2,733,195
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VAKS, YEFIM	2,798,435	WICKHOLM, DAVID R.	2,737,810	ZOLLER, PATRICK W.	2,779,372
VALERIO, THOMAS A.	2,727,460	WIEBE-NEUFELDT, DAVID	2,638,435	ZULLI, ALLISON L.	2,655,014
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VAN BEURDEN, JASON PETER	2,537,675	WILLIAMS, STEPHEN	2,542,239	ZUTTER, ULRICH	2,607,927
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VETTERS, ERIC W.	2,775,098	WULFF, TRINE	2,571,981		
VIGE, FABRIZIO	2,686,534	WYMER, MARK	2,733,195		
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		XIA, XIAOYANG	2,655,159		
		XIXIA DRAGON INTO SPECIAL MATERIAL CO., LTD	2,806,969		
		XU, LINA	2,661,649		
		XYLECO, INC.	2,823,080		
		XYLECO, INC.	2,857,801		
		XYLECO, INC.	2,859,005		

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ABERGER, FRITZ	2,854,542	BRAGEL INTERNATIONAL,		DASSAULT SYSTEMES	2,854,342
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AHLKOG, CHRIS	2,843,783	BRODEUR, ALAIN	2,854,386	DE-DEUS, GUSTAVO	2,820,621
AHLKOG, JEFF	2,843,783	BROSSE, ETIENNE	2,854,640	DEAN, THOMAS A.	2,852,427
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AIRBUS HELICOPTERS	2,854,316	BSH HOME APPLIANCES		DETERMINANTS OF	
ALBERS, CORY	2,854,522	CORPORATION	2,850,813	METABOLISM	
ALPHA MARATHON FILM		BURCA, DENNIS	2,818,431	RESEARCH	
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ALSTOM TECHNOLOGY LTD	2,852,444	CAILLOT, GERALD	2,854,310	DIOGUARDI, FRANCESCO	
AMADEUS S.A.S.	2,854,286	CAMPBELL, COLIN A.	2,854,306	SAVERIO	2,842,141
AMBOLET, PATRICE	2,854,286	CANDELA, MASSIMO	2,853,819	DODDAMANE, KRISHNA	2,846,802
AMBROSY, GUENTER	2,852,336	CANERS, PAUL D.	2,818,429	DOI, HIROYUKI	2,854,538
AMELL, BERNARD	2,854,522	CARLISLE, COLIN RALPH	2,821,202	DOKA INDUSTRIE GMBH	2,854,173
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ANTXIA URIBETXEBERRIA,		CEM CORPORATION	2,854,638	DRAKE, FRANK	2,854,616
JOSE JOAQUIN	2,861,748	CEQUENT PERFORMANCE		DREAMWELL, LTD.	2,854,669
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ARAKELIAN, RICHARD	2,854,707	CGG SERVICES SA	2,854,633	LTD.	2,854,572
ARDAKANI, MASOUD	2,820,637	CGG SERVICES SA	2,854,635	DUAN, JUNFENG	2,819,784
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ARMAND, MAXIME	2,854,286	CHEN, DENNIS H.	2,821,464	III	2,851,904
ATRE, VIKRAM	2,854,564	CHENG, CHIEH-MIN	2,852,398	DYRLA, FREDERIC	2,852,698
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GEOGHEGAN, WILLIAM T.	2,854,504	JEAKLE, PATRICK T.	2,854,588	SOMERSET MCCULLOCH	2,854,307
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IGNMANSON, MICHAEL	2,852,846	LENNOX INDUSTRIES INC.	2,848,697	OSTAPOFF, ROLAND	2,852,549
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INTRAGRAIN TECHNOLOGIES INC.	2,854,637	LI, QINGBIN	2,852,484	PANZHUIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.	2,849,151
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IVANOV, STANISLAV I.	2,854,564	AKTIENGESELLSCHAFT	2,853,993	POMME, VINCENT	2,854,316
IYIGUNLER, ISMAIL	2,854,564	LIRETTE, MARC	2,819,173	POUNDS, STEPHEN R.	2,854,564
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		LORANGER, FABIAN	2,820,348		
		LU, GAOFENG	2,849,151		
		MA, BENJAMIN	2,853,736		
		MA, BENJAMIN	2,853,769		
		MA, BENJAMIN	2,853,805		
		MAHDAVIANI, KAVEH	2,820,637		

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PROLAMINA MIDWEST CORPORATION	2,849,603	STEPHAN, GARY R.	2,854,669	VILKOMIRSKI, GIL	2,854,419
PROLAMINA MIDWEST CORPORATION	2,849,605	STEPHANT, ROMAIN	2,852,698	VITT, DANIEL	2,854,542
QIU, SHIGANG STEVEN	2,852,398	STONE, ASHLEY	2,847,995	WALTER, STEPHEN	2,846,802
RABBIT, WILLIAM EUGENE	2,854,669	SUBRAMANIAN, ANAND	2,854,745	WANG, DUNXU	2,849,151
RAMEAU, JEAN-FRANCOIS	2,854,724	SUMNER, ROBERT I.	2,853,263	WANG, YULIN	2,852,398
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REID, JOHN	2,854,338	TABATABAEI, SEYED HESAMODDIN	2,849,605	WEBER, MICHAEL G.	2,854,564
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RESOURCE WELL COMPLETION TECHNOLOGIES INC.	2,834,003	TAYLOR, MICHAEL A.	2,854,735	WEISS, CHRISTIAN	2,820,499
REVIVAE CONSULTING INC.	2,839,315	TELLO, LUCIO NELSON	2,854,704	WEITNAUER, MARY ANN	2,848,498
RHYASON, JEFF	2,820,492	TELUS COMMUNICATIONS COMPANY	2,819,173	WEN, YONGCAI	2,849,151
RICHARD, PAUL	2,854,745	TERNAN, DAVID LAWRENCE	2,854,514	WESTPHAL, MICHAEL ELMER	2,854,514
RICHARDS, TYLER	2,854,510	THE BOEING COMPANY	2,848,461	WHITE, JASON A.	2,818,826
RITCHIE, LAWRENCE	2,854,125	THE BOEING COMPANY	2,850,802	WHITELY, JEFFREY THOMAS	2,818,734
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ROBOVENT PRODUCTS GROUP, INC.	2,854,338	THE BOEING COMPANY	2,852,427	WILLIAMS, JUSTIN	2,852,294
RODGERS, JAMES IAIN	2,854,125	THE CLOROX COMPANY	2,853,736	WILLIAMS, RYAN	2,854,745
ROGERS COMMUNICATIONS INC.	2,853,983	THE CLOROX COMPANY	2,853,769	WILLIAMSON, RODRICK	2,851,841
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AGFA GRAPHICS NV	2,873,885	AMTPACIFIC CO., LTD.	2,874,427	BAIER, MICHAEL J.	2,874,276
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AIR PRODUCTS AND CHEMICALS, INC.	2,874,519	ANTONSEN, SEBASTIAN BUCH	2,874,549	BANERJEE, SUJIT	2,873,981
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		AQUTO CORPORATION	2,873,908	BARBERA, SIMON	2,873,888
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BASF SE	2,874,751	BEST, JANENA FRANCES	2,874,034	GMBH	2,874,801
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GADEWAR, SAGAR	2,874,241	COMPANY	2,874,624	GRANT, JOHN	2,874,187
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