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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

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

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

Avis

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

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

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

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

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

14. Practice Notice

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

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

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

Notices

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

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

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

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

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

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

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

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

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

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

Avis

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

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

15. Correspondence Procedures

May 8, 2012

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

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

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

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

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

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

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

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

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

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

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

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

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

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

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

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

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

1. Établissements désignés

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

1. Industrie Canada
Édifrice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

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

Avis

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

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

2. Registered Mail Service of Canada Post

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

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

3. Electronic Correspondence

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

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

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

2. Service Courrier recommandé de Postes Canada

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

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

3. Correspondance électronique

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

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

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

Notices

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

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

3.1 Facsimile

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

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

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

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

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

Patents

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

3.2 Online

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

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

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

3.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

3.2 En ligne

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

Patents

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

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

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

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

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

Trade-marks

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

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

Brevets

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

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

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

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

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

Marques de commerce

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

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

Notices

Copyrights

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

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

Industrial Designs

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

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

Integrated Circuit Topographies

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

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

3.3 Electronic Medium

Patents

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

Droits d'auteur

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

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

Dessins industriels

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

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

Topographies de circuits intégrés

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

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

3.3 Supports électroniques

Brevets

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

Avis

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

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

Canada as Receiving Office Under the PCT: PCT-EASY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notices

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

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

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

Electronic Media accepted by the Patent Office

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

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

4. Details concerning the electronic formats accepted

Patents

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

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

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

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

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

Supports électroniques acceptés par le Bureau des brevets

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

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

4. Précisions concernant les formats électroniques acceptés

Brevets

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

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

Avis

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

TIFF Format:

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

PDF Format:

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

ASCII Format:

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

Industrial Design

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

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

TIFF Format:

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

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

Format TIFF :

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

Format PDF :

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

Format ASCII :

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

Dessins industriels

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

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

Format TIFF :

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

Notices

Photographs in JPEG Format:

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

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

5. General Information

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

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 10, 2015 contains applications open to public inspection from January 25, 2015 to January 31, 2015.

Photographies en format JPEG :

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

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

5. Renseignements généraux

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

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 10 février 2015 contient les demandes disponibles au public pour consultation pour la période du 25 janvier 2015 au 31 janvier 2015.

Canadian Patents Issued

February 10, 2015

Brevets canadiens délivrés

10 février 2015

[11] **2,367,069**
[13] C
[51] **Int.Cl. G06Q 30/08 (2012.01) G06Q 40/04 (2012.01)**
[25] EN
[54] **AUCTION MARKET WITH PRICE IMPROVEMENT MECHANISM**
[54] **MARCHE AUX ENCHERES AVEC MECANISMES D'AMELIORATION DES PRIX**
[72] MADOFF, PETER B., US
[72] CASANOVA, ALBERTO C., US
[72] KEITH, CHRISTOPHER, US
[73] PRIMEX HOLDINGS LLC, US
[85] 2001-09-18
[86] 2000-03-17 (PCT/US2000/007157)
[87] (WO2000/057307)
[30] US (09/272,542) 1999-03-19

[11] **2,421,141**
[13] C
[51] **Int.Cl. B01D 3/38 (2006.01) B01D 3/10 (2006.01) C02F 1/04 (2006.01) C11B 9/02 (2006.01)**
[25] EN
[54] **MOBILE DISTILLERY FOR WATER AND STEAM DISTILLATION, BASED ON THE OLD TRADITIONS COMBINED WITH A NEW METHOD OF DISTILLATION AND NEW TECHNICAL SOLUTIONS OF CONSTRUCTING SYSTEM FOR PRODUCTION OF ETHERAL (ESSENTIAL) OILS**
[54] **DISTILLERIE MOBILE POUR LA DISTILLATION D'EAU ET DE VAPEUR, BASEE SUR LES ANCIENNES TRADITIONS COMBINEES A UNE NOUVELLE METHODE DE DISTILLATION ET NOUVELLES SOLUTIONS TECHNIQUES DE CONSTRUCTION DE SYSTEME POUR LA PRODUCTION D'HUILES ETHERALES (ESSENTIELLES)**
[72] MOCHEV, VASIL ILIEV, BG
[72] MOCHEV, TODOR ILIEV, CA
[72] TERZIYSKI, SACHO HRISTOV, CA
[73] MOCHEV, VASIL ILIEV, CA
[86] (2421141)
[87] (2421141)
[22] 2003-03-12

[11] **2,431,659**
[13] C
[51] **Int.Cl. A42B 1/06 (2006.01) A41D 13/05 (2006.01) A42B 1/22 (2006.01) A61F 11/14 (2006.01) H04R 1/02 (2006.01)**
[25] EN
[54] **EAR PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION POUR LES OREILLES**
[72] BAVETTA, DEAN, US
[72] KAY, PAUL, US
[72] LE GETTE, BRIAN E., US
[72] PROKOP, GARY F., US
[72] REMY, STEVE, US
[73] 180S, INC., US
[85] 2003-06-16
[86] 2001-12-21 (PCT/US2001/048783)
[87] (WO2002/053061)
[30] US (60/259,114) 2000-12-29

[11] **2,435,754**
[13] C
[51] **Int.Cl. H02P 8/34 (2006.01) G08B 21/18 (2006.01) H02P 8/36 (2006.01)**
[25] EN
[54] **STEPPER MOTOR JAM DETECTION CIRCUIT**
[54] **CIRCUIT DE DETECTION DE BLOCAGE DE MOTEUR PAS-A-PAS**
[72] FORSEY, WAYNE MICHAEL, CA
[73] SPIELO INTERNATIONAL CANADA ULC, CA
[86] (2435754)
[87] (2435754)
[22] 2003-07-22
[30] US (10/215,487) 2002-08-08

**Canadian Patents Issued
February 10, 2015**

[11] **2,439,962**
[13] C

[51] **Int.Cl. A61F 2/86 (2013.01) A61F 2/958 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STENTING**
[54] **PROCEDE ET APPAREIL POUR LA POSE DE DRAINS TUTEURS**
[72] RICHTER, YORAM, IL
[72] EDELMAN, ELAZER, US
[73] MEDINOL, LTD., IL
[85] 2003-09-05
[86] 2002-03-13 (PCT/US2002/007529)
[87] (WO2002/071975)
[30] US (60/275,419) 2001-03-13

[11] **2,451,176**
[13] C

[51] **Int.Cl. G06Q 30/00 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **CONTEXTUAL PRESENTATION OF INFORMATION ABOUT RELATED ORDERS DURING BROWSING OF AN ELECTRONIC CATALOG**
[54] **PRESENTATION CONTEXTUELLE D'INFORMATIONS PORTANT SUR DES COMMANDES CONNEXES AU COURS DE L'EXPLORATION D'UN CATALOGUE ELECTRONIQUE**
[72] BEZOS, JEFFREY P., US
[72] MOHIT, MARYAM S., US
[72] LOCKHART, WALKER L., US
[72] LOCK, ERICKA N., US
[72] ALLOCCA, WILLIAM W., US
[72] SUBRAMANIAM, SUGUNA, US
[73] AMAZON.COM, INC., US
[85] 2003-12-17
[86] 2002-06-28 (PCT/US2002/020683)
[87] (WO2003/005151)
[30] US (09/900,487) 2001-07-06

[11] **2,451,252**
[13] C

[51] **Int.Cl. A61B 6/00 (2006.01) A61B 5/055 (2006.01) H05G 1/30 (2006.01) G01R 33/54 (2006.01)**
[25] EN
[54] **OPERATING DEVICE FOR A DIAGNOSTIC IMAGING UNIT**
[54] **DISPOSITIF D'EXPLOITATION POUR VISUALISEUR DE DIAGNOSTIC**
[72] BECK, WERNER, DE
[72] LOBENHOFER, BRIGITTA, DE
[72] MEISSNER, FRANZ, DE
[72] PLATZ, AXEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2451252)
[87] (2451252)
[22] 2003-11-27
[30] DE (10255956.2) 2002-11-29

[11] **2,484,877**
[13] C

[51] **Int.Cl. B44D 3/00 (2006.01) B65B 9/10 (2006.01) B65D 27/04 (2006.01) B65D 30/10 (2006.01) B65D 33/04 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **COLORANT PACKETS AND METHODS RELATING THERETO**
[54] **PAQUETS DE COLORANTS ET METHODES APPLICABLES**
[72] CAROL, SUSAN, US
[72] DAUGHERTY, JOHN C., US
[73] PLANNA TECHNOLOGY, INC., US
[86] (2484877)
[87] (2484877)
[22] 2004-10-15
[30] US (10/686449) 2003-10-15

[11] **2,489,860**
[13] C

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[25] EN
[54] **USE OF AN ANTIBODY AGAINST S100A8 OR S100A9 AS CHEMOTACTIC FACTOR INHIBITOR FOR MODULATING INFLAMMATORY REACTIONS**
[54] **UTILISATION D'UN ANTICORPS DIRIGE CONTRE S100A8 OU A1009 EN TANT QU'INHIBITEUR DE FACTEUR CHIMIOTACTIQUE DESTINE A MODULER DES REACTIONS INFLAMMATOIRES**
[72] TESSIER, PHILIPPE A., CA
[72] RYCKMAN, CARLE, CA
[72] VANDAL, KAREN, CA
[72] ROULEAU, PASCAL, CA
[73] UNIVERSITE LAVAL, CA
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[30] US (60/393,520) 2002-07-05

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[51] **Int.Cl. H05K 1/02 (2006.01) H01R 13/719 (2011.01) H05K 1/16 (2006.01)**
[25] EN
[54] **NEXT HIGH FREQUENCY IMPROVEMENT BY USING FREQUENCY DEPENDENT EFFECTIVE CAPACITANCE**
[54] **AMELIORATION DE LA FREQUENCE SUPERIEURE SUIVANTE PAR UTILISATION DE LA CAPACITE EFFECTIVE DEPENDANTE DE LA FREQUENCE**
[72] HASHIM, AMID, US
[72] PHARNEY, JULIAN ROBERT, US
[73] COMMSCOPE SOLUTIONS PROPERTIES, LLC, US
[86] (2507318)
[87] (2507318)
[22] 2005-05-13
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[11] **2,512,208**
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[25] EN

[54] **IMPLANTABLE MARKER WITH A WIRELESS SIGNAL TRANSMITTER COMPATIBLE FOR USE IN MAGNETIC RESONANCE IMAGING DEVICES AND/OR SUITABLE FOR USE IN RADIATION IMAGING PROCESSES**

[54] **MARQUEUR IMPLANTABLE AVEC UN EMETTEUR DE SIGNAUX SANS FIL D'UTILISATION COMPATIBLE DANS DES DISPOSITIFS D'IMAGERIE PAR RESONANCE MAGNETIQUE ET/OU APTÉ A ÊTRE UTILISÉ DANS DES PROCÉDES D'IMAGERIE PAR RAYONNEMENT**

[72] DIMMER, STEVEN C., US
[72] HADFORD, ERIC, US
[73] VARIAN MEDICAL SYSTEMS, INC., US
[85] 2005-06-29
[86] 2003-12-24 (PCT/US2003/041329)
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[30] US (10/334,698) 2002-12-30

[11] **2,513,472**
[13] C

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[25] EN

[54] **SURGICAL INSTRUMENT INCORPORATING ELECTROACTIVE POLYMER COMPLETE FIRING SYSTEM LOCKOUT MECHANISM**

[54] **INSTRUMENT CHIRURGICAL COMPRENANT UN MECANISME DE VERROUILLAGE COMPLET DU SYSTEME DE DECLENCHEMENT COMMANDE PAR POLYMERE ELECTROACTIF**

[72] SHELTON, FREDERICK E., IV, US
[72] TIMPERMAN, EUGENE L., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2513472)
[87] (2513472)
[22] 2005-07-26
[30] US (60/591,694) 2004-07-28
[30] US (11/096,096) 2005-03-31

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[25] EN

[54] **CLEANING TOOL HAVING A BRUSH PART, AN INSERTION PART THEREON AND AN INSERTABLE GRIPPER**

[54] **OUTIL DE NETTOYAGE COMPORTANT UNE PARTIE BROUSSE, UNE PIECE D'INSERTION SUR CELUI-CI ET UN ORGANE DE PREHENSION INSERABLE**

[72] FUJIWARA, MASATOSHI, JP
[72] ONO, HIROKUNI, JP
[73] UNI-CHARM CORPORATION, JP
[86] (2515926)
[87] (2515926)
[22] 2005-08-15
[30] JP (2004-332496) 2004-11-16

[11] **2,516,012**
[13] C

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[25] EN

[54] **PROCESS AND APPARATUS FOR THE PYROLYSIS OF BIOMASS**

[54] **PROCEDE ET APPAREIL POUR LA PYROLYSE DE BIOMASSE**

[72] MEIER, DIETRICH, DE
[72] KLAUBERT, HANNES, DE
[72] SCHOELL, STEFAN, DE
[73] PYTEC THERMOCHEMISCHE ANLAGEN GMBH, DE
[85] 2005-08-12
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[13] C

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[54] **ELECTRONIC LABEL**

[54] **ETIQUETTE ELECTRONIQUE**

[72] ANDERSSON, LARS, SE
[72] NILSSON, BJOERN, SE
[72] ROSANDER, PAER, SE
[72] YTTREUS, MIKAEL, SE
[73] PRICER AB, SE
[85] 2005-08-24
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[25] EN

[54] **COMPOSITIONS, TARGETS, METHODS AND DEVICES FOR THE THERAPY OF OCULAR AND PERIOcular DISORDERS**

[54] **COMPOSITIONS, CIBLES, METHODES ET DISPOSITIFS POUR LE TRAITEMENT DE TROUBLES OCULAIRES ET PERI-OCULAIRES**

[72] ABREU, MARCIO MARC, US
[73] ABREU, MARCIO MARC, US
[85] 2005-10-24
[86] 2003-12-08 (PCT/US2003/038740)
[87] (WO2004/096183)
[30] US (10/421,956) 2003-04-24

[11] **2,523,921**
[13] C

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[25] EN

[54] **UPPER AUXILIARY SEAL WITH POSITIVE ATTACHMENT CONFIGURATION**

[54] **JOINT D'ETANCHEITE AUXILIAIRE SUPERIEUR AVEC CONFIGURATION DE FIXATION SOLIDE**

[72] SULTAN, FAISAL, US
[72] AGUIAR, TONY, CA
[72] JAIN, MUNISH, CA
[73] DECOMA INTERNATIONAL INC., CA
[86] (2523921)
[87] (2523921)
[22] 2005-10-19
[30] US (10/967,925) 2004-10-19

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[54] **PATIENT SUPPORT APPARATUS**

[54] **DISPOSITIF DE SUPPORT DE PATIENT**

[72] BLANCHARD, FREDERICK WILLIAM, US

[72] THOMPSON, JEFFREY JOSEPH, US

[72] WROBLESKI, DENNIS JOHN, US

[72] SMITH, MICHAEL STERLING, US

[73] STRYKER CANADIAN MANAGEMENT INC., CA

[86] (2524736)

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[11] **2,530,427**
[13] C

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[25] EN

[54] **ELEVATION OF OIL LEVELS IN PLANTS**

[54] **ELEVATION DES NIVEAUX D'HUILE DANS LES PLANTES**

[72] RAVANELLO, MONICA P., US

[72] FOLEY, TERRY J., US

[72] LEDEAUX, JOHN R., US

[72] WYRICK, ANNETTE E., US

[72] SAVAGE, THOMAS J., US

[73] MONSANTO TECHNOLOGY LLC, US

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[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/071 (2010.01)**

[25] EN

[54] **POSTPARTUM CELLS DERIVED FROM UMBILICAL CORD TISSUE, AND METHODS OF MAKING AND USING THE SAME**

[54] **CELLULES POSTNATALES DERIVEES DE TISSU DE CORDON OMBILICAL, ET LEUR PROCEDE DE PRODUCTION ET D'UTILISATION**

[72] MISTRY, SANJAY, US

[72] KIHM, ANTHONY J., US

[72] HARRIS, IAN ROSS, US

[72] HARMON, ALEXANDER M., US

[72] MESSINA, DARIN J., US

[72] SEYDA, AGNIESZKA, US

[72] YI, CHIN-FENG, US

[72] GOSIEWSKA, ANNA, US

[73] DEPUY SYNTHES PRODUCTS, LLC, US

[85] 2005-12-22

[86] 2004-06-25 (PCT/US2004/020931)

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[30] US (60/483,264) 2003-06-27

[11] **2,535,155**
[13] C

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[25] EN

[54] **SEALER FOR TEST SAMPLE DEVICES**

[54] **ELEMENT D'ETANCHEITE POUR DES DISPOSITIFS D'ECHANTILLONS D'ESSAI**

[72] BISHOP, JAMES CLEMENT, US

[72] JUSTIN, MICHAEL JAMES, US

[72] FANNING, MARK JOSEPH, US

[73] BIOMERIEUX, INC., US

[85] 2006-02-09

[86] 2004-08-13 (PCT/US2004/026404)

[87] (WO2005/045443)

[30] US (10/695,517) 2003-10-28

[11] **2,537,473**
[13] C

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[25] EN

[54] **CYTOKINE INVOLVED IN EPITHELIAL-MESENCHYMAL TRANSITION**

[54] **CYTOKINE IMPLIQUEE DANS LA TRANSITION EPITHELIALE-MESENCHYMALE**

[72] WAERNER, THOMAS, AT

[72] BEUG, HARTMUT, AT

[72] JECHLINGER, MARTIN, AT

[72] GRUENERT, STEFAN, AT

[72] TAMIR, IDO, AT

[72] KRAUT, NORBERT, AT

[72] HEIDER, KARL-HEINZ, AT

[72] SEITHER, PETER, DE

[72] WEITH, ANDREAS, DE

[72] ZOEPHEL, ANDREAS, AT

[72] KONOPITZKY, RENATE, AT

[72] AHORN, HORST, AT

[72] JUNG, BIRGIT, DE

[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

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[30] EP (03019551.5) 2003-09-02

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[13] C

[51] **Int.Cl. C07C 213/08 (2006.01) C07C 227/16 (2006.01) C07C 269/06 (2006.01) C07D 453/02 (2006.01)**

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[54] **PREPARATION AND USE OF ALKYLATING AGENTS**

[54] **PREPARATION ET UTILISATION D'AGENTS D'ALKYLATION**

[72] LIM, JOHN L., US

[73] THE QUEEN'S MEDICAL CENTER, US

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[86] 2004-07-26 (PCT/US2004/024316)

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[54] **PETROLEUM- AND FISCHER-TROPSCH- DERIVED KEROSENE BLEND**
[54] **MELANGE DE KEROSENE DERIVE DU PETROLE ET D'UNE SYNTHESE DE FISCHER-TROPSCH**
[72] BAULDREAY, JOANNA MARGARET, GB
[72] HEINS, RICHARD JOHN, GB
[72] SMITH, JOHANNE, GB
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2006-03-14
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[13] C

[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **DEVICES FOR TESTING TORSIONAL ALIGNMENT BETWEEN A DIAGNOSTIC DEVICE AND A LASER REFRACTIVE SYSTEM**
[54] **DISPOSITIFS DE TEST D'ALIGNEMENT EN TORSION ENTRE UN DISPOSITIF DIAGNOSTIQUE ET UN SYSTEME DE REFRACTION LASERLASER**
[72] CAMPBELL, CHARLES E., US
[72] CHERNYAK, DIMITRI, US
[73] VISX, INCORPORATED, US
[85] 2006-04-27
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[87] (WO2005/047938)
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[11] **2,545,572**
[13] C

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[25] EN
[54] **COMPOSITIONS OF OLIGOSACCHARIDES FOR REDUCING PATHOGENIC BACTERIA IN THE GASTROINTESTINAL TRACT OF COMPANION ANIMALS**
[54] **COMPOSITIONS D'OLIGOSACCHARIDES VISANT A REDUIRE LES BACTERIES PATHOGENES DANS LE TRACTUS GASTRO-INTESTINAL DES ANIMAUX DE COMPAGNIE**
[72] KHOO, CHRISTINA, US
[72] GROSS, KATHY LYNN, US
[72] GIBSON, GLENN, GB
[73] HILL'S PET NUTRITION, INC., US
[85] 2006-05-11
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[87] (WO2005/051403)
[30] US (10/719,569) 2003-11-21

[11] **2,546,386**
[13] C

[51] **Int.Cl. B65D 81/20 (2006.01) B32B 27/28 (2006.01) B65D 75/32 (2006.01) B65D 75/52 (2006.01)**
[25] EN
[54] **PEELABLE VACUUM SKIN PACKAGES**
[54] **PELLIPLACAGES SOUS VIDE PELABLES**
[72] BERBERT, OTACILIO T., US
[73] CURWOOD, INC., US
[86] (2546386)
[87] (2546386)
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[11] **2,547,133**
[13] C

[51] **Int.Cl. F16L 21/08 (2006.01) F16L 21/03 (2006.01)**
[25] EN
[54] **CONNECTOR ASSEMBLY FOR A DRAINAGE CONDUIT**
[54] **RACCORD POUR CONDUITE D'EVACUATION**
[72] DIEZ, CARL, CA
[72] LAFONTAINE, ROBERT, CA
[73] SOLENO INC., CA
[86] (2547133)
[87] (2547133)
[22] 2006-05-16
[30] US (60/681,020) 2005-05-16
[30] US (60/686,463) 2005-06-02

[11] **2,547,152**
[13] C

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[25] EN
[54] **MULTI-MEDIA ROTATING UNION**
[54] **RACCORD UNION ROTATIF POUR MILIEUX DIFFERENTS**
[72] FORD, SCOTT K., US
[72] SACRAMENTO, ANTHONY R., JR., US
[73] DEUBLIN COMPANY, US
[86] (2547152)
[87] (2547152)
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[30] US (60/681,595) 2005-05-17

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[13] C

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[25] EN
[54] **METHODS OF TREATING AN INFLAMMATORY-RELATED DISEASE**
[54] **PROCEDES PERMETTANT DE TRAITER UNE MALADIE DE TYPE INFLAMMATOIRE**
[72] WANG, LONGGUI, US
[72] LIU, XIAO MEI, US
[72] MO, LIAN, US
[72] MENCHER, SIMON K., US
[72] MCCARRON, JAMES P., JR., US
[73] NATROGEN THERAPEUTICS INTERNATIONAL, INC., US
[85] 2006-05-31
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[54] **CONVEYING DEVICE FOR BULK MATERIAL**
[54] **DISPOSITIF DE TRANSPORT DE MATERIAU EN VRAC**
[72] KALVERKAMP, KLEMENS, DE
[73] FRANZ GRIMME
LANDMASCHINENFABRIK GMBH & CO. KG, DE
[86] (2548825)
[87] (2548825)
[22] 2006-05-30
[30] DE (20 2005 008 426.3) 2005-05-31

[11] **2,549,936**
[13] C

[51] **Int.Cl. A01H 1/02 (2006.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (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
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2006-06-15
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[30] US (60/530,478) 2003-12-16
[30] US (60/591,975) 2004-07-29

[11] **2,550,789**
[13] C

[51] **Int.Cl. C12P 7/64 (2006.01)**
[25] EN
[54] **ENZYMATIC TREATMENT OF OILS**
[54] **TRAITEMENT ENZYMATIQUE DES HUILES**
[72] KRISTENSEN, ANNA CECILIE JENTOFT, DK
[72] WASSELL, PAUL, DK
[72] MIKKELSEN, JORN DALGAARD, DK
[72] SOE, JORN BORCH, DK
[73] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2006-06-20
[86] 2004-12-23 (PCT/IB2004/004374)
[87] (WO2005/066351)
[30] GB (0330016.7) 2003-12-24
[30] IB (PCT/IB2004/000655) 2004-01-15
[30] GB (0416023.0) 2004-07-16
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[54] **SYSTEM FOR REGULATING HEATING IN A TISSUE SEALING AND CUTTING DEVICE**
[54] **SYSTEME DE REGULATION DU CHAUFFAGE DANS UN DISPOSITIF D'OBTURATION ET DE COUPE DE TISSUS**
[72] MCGAFFIGAN, THOMAS H., US
[73] MICROLINE SURGICAL, INC., US
[85] 2006-06-30
[86] 2004-12-14 (PCT/US2004/041752)
[87] (WO2005/065564)
[30] US (10/746,213) 2003-12-23

[11] **2,552,603**
[13] C

[51] **Int.Cl. G06Q 30/04 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **METHODS, APPARATUS, MEDIA, AND SIGNALS FOR BILLING UTILITY USAGE**
[54] **METHODES, APPAREIL, SUPPORTS ET SIGNAUX POUR LA GESTION DE L'UTILISATION DE SERVICES PUBLICS**
[72] BARATY, MOHAMMAD REZA, CA
[73] SMART DISASTER RESPONSE TECHNOLOGIES INC., US
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[22] 2001-12-06
[62] 2,364,081

[11] **2,554,303**
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[25] EN
[54] **INJECTABLE INTRAOCULAR IMPLANT WITH FLEXIBLE HAPTICS**
[54] **IMPLANT INTRAOCULAIRE INJECTABLE A BRANCHES HAPTQUES SOUPLES**
[72] AHARONI, ELI, IL
[72] GROSS, YOSSI, IL
[72] DOTAN, GIDEON, IL
[72] AVIHAR, IDEN, IL
[73] VISIONCARE OPHTHALMIC TECHNOLOGIES INC., US
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[22] 2006-07-27
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[13] C

[51] **Int.Cl. F23R 3/42 (2006.01) F02C 3/14 (2006.01) F02C 7/12 (2006.01)**
[25] FR
[54] **TURBINE ENGINE COMBUSTION CHAMBER**
[54] **CHAMBRE DE COMBUSTION D'UNE TURBOMACHINE**
[72] KREDER, OLIVIER, FR
[72] SEVI, GUILLAUME, FR
[72] PARENT, DELPHINE HERMANCE MAXIME, FR
[73] SNECMA, FR
[86] (2557944)
[87] (2557944)
[22] 2006-08-31
[30] FR (05 08891) 2005-08-31

[11] **2,558,919**
[13] C

[51] **Int.Cl. G01M 15/14 (2006.01) F01D 25/00 (2006.01)**
[25] EN
[54] **MODEL-BASED ITERATIVE ESTIMATION OF GAS TURBINE ENGINE COMPONENT QUALITIES**
[54] **ESTIMATION ITERATIVE BASEE SUR UN MODELE QUALITATIF DES ELEMENTS D'UNE TURBINE A GAZ**
[72] WISEMAN, MATTHEW WILLIAM, US
[72] ASHBY, MALCOLM JOHN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2558919)
[87] (2558919)
[22] 2006-09-07
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[11] **2,559,119**
[13] C

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[25] EN
[54] **METHOD FOR DETERMINING PROPERTIES OF EARTH FORMATIONS USING DIELECTRIC PERMITTIVITY MEASUREMENTS**
[54] **METHODE POUR DETERMINER LES PROPRIETES DE FORMATIONS TERRESTRES AU MOYEN DE MESURES DE PERMITTIVITE DIELECTRIQUE**
[72] HABASHY, TAREK, US
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[72] BOYD, AUSTIN, US
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[54] **COMPOSITIONS DE SOINS D'HYGIENE PERSONNELLE COMPRENANT DES RESINES DE SILICONE AVEC PROPRIETES RENFORCEES, PROCEDE DE FABRICATION ET PROCEDE D'UTILISATION DE CELLES-CI**

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[73] AMARIN PHARMACEUTICALS IRELAND LIMITED, IE

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[25] EN

[54] **METAL OXIDES WITH IMPROVED RESISTANCE TO REDUCTION FOR USE IN REMOVING TRACE IMPURITIES FROM A GAS OR LIQUID**

[54] **OXYDES METALLIQUES PRESENTANT UNE RESISTANCE AMELIOREE A LA REDUCTION POUR ELIMINER DES IMPURETES PRESENTES A L'ETAT DE TRACES DANS UN GAZ OU UN LIQUIDE**

[72] KANAZIREV, VLADISLAV IVANOV, US

[72] RUMFOLA, PETER, III, US

[73] UOP LLC, US

[85] 2007-11-15

[86] 2006-04-20 (PCT/US2006/014948)

[87] (WO2006/124189)

[30] US (11/133,074) 2005-05-19

[11] **2,608,636**
[13] C

[51] **Int.Cl. C12N 15/64 (2006.01) C12N 15/65 (2006.01) C12N 15/66 (2006.01)**

[25] EN

[54] **SEQUENTIAL CLONING SYSTEM**

[54] **SYSTEME DE CLONAGE SEQUENTIEL**

[72] KOENTGEN, FRANK, AU

[73] OZGENE PTY LTD, AU

[85] 2007-11-15

[86] 2006-05-17 (PCT/AU2006/000650)

[87] (WO2006/122354)

[30] US (60/681,461) 2005-05-17

[11] **2,609,146**
[13] C

[51] **Int.Cl. F04B 19/24 (2006.01) F15C 1/06 (2006.01)**

[25] EN

[54] **IMPROVED CAPILLARY FORCE VAPORIZERS**

[54] **VAPORISEURS A FORCE CAPILLAIRE AMELIORES**

[72] RABIN, BARRY H., US

[72] SELLERS, CHARLES H., US

[72] BRESLAU, WARREN, US

[72] DAVIDSON, ERICK, US

[73] VAPORE, LLC, US

[85] 2007-11-15

[86] 2006-05-15 (PCT/US2006/018696)

[87] (WO2006/124757)

[30] US (60/681,825) 2005-05-16

[11] **2,609,895**
[13] C

[51] **Int.Cl. A47B 9/20 (2006.01)**

[25] EN

[54] **HEIGHT ADJUSTABLE TABLE**

[54] **TABLE A HAUTEUR REGLABLE**

[72] AGEE, MICHAEL, US

[73] BAKER MANUFACTURING COMPANY, INC., US

[86] (2609895)

[87] (2609895)

[22] 2007-11-06

[30] US (11/669,672) 2007-01-31

[11] **2,609,936**
[13] C

[51] **Int.Cl. F16H 61/40 (2010.01) F16D 63/00 (2006.01) F16H 59/54 (2006.01)**

[25] EN

[54] **SHIFT ASSISTED BRAKING FOR A POWER MACHINE OR VEHICLE**

[54] **DISPOSITIF DE FREINAGE ASSISTE PAR EMBRAYAGE POUR UN VEHICULE OU UNE MACHINE A MOTEUR**

[72] SCHUH, SCOTT, US

[72] FRANZEN, CODY, US

[72] BERG, GERRY, US

[72] HOESEL, JERET, US

[72] ROLF, WALTER, US

[72] MINDEMAN, SPENCER, US

[72] HULM, TIM, US

[73] CLARK EQUIPMENT COMPANY, US

[86] (2609936)

[87] (2609936)

[22] 2007-11-07

[30] US (11/607,809) 2006-12-01

[11] **2,610,762**
[13] C

[51] **Int.Cl. F01K 25/08 (2006.01) F16N 15/00 (2006.01)**

[25] EN

[54] **EXPANDER LUBRICATION IN VAPOUR POWER SYSTEMS**

[54] **LUBRIFIANT D'EXPANSION DANS DE SYSTEMES A VAPEUR**

[72] SMITH, IAN, KENNETH, GB

[72] STOSIC, NIKOLA, RUDI, GB

[72] KOVACEVIC, AHMED, GB

[73] CITY UNIVERSITY, GB

[85] 2007-12-05

[86] 2006-06-09 (PCT/GB2006/002148)

[87] (WO2006/131759)

[30] GB (0511864.1) 2005-06-10

[30] GB (0526413.0) 2005-12-23

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[11] **2,612,036**
[13] C

[51] **Int.Cl. B22C 9/12 (2006.01) B22C 9/10 (2006.01)**
[25] EN
[54] **COMPOSITE CORE DIE, METHODS OF MANUFACTURE THEREOF AND ARTICLES MANUFACTURED THEREFROM**
[54] **COQUILLE A NOYAU COMPOSITE, SES METHODES DE FABRICATION ET ARTICLES AINSI FABRIQUES**
[72] LEE, CHING-PANG, US
[72] WANG, HSIN-PANG, US
[72] UPADHYAY, RAM KUMAR, US
[72] MYERS, PAUL RICHARD, US
[72] EDGAR, MARC THOMAS, US
[72] MARTYN, THOMAS DONALD, US
[72] ESTILL, ERIC ALAN, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2612036)
[87] (2612036)
[22] 2007-11-22
[30] US (11/567,477) 2006-12-06

[11] **2,613,547**
[13] C

[51] **Int.Cl. H01F 7/06 (2006.01) A61B 5/085 (2006.01) F04B 35/04 (2006.01) F15B 9/03 (2006.01) F15B 15/18 (2006.01) F15B 21/12 (2006.01)**
[25] EN
[54] **SELF-ACTUATED CYLINDER AND OSCILLATION SPIROMETER**
[54] **CYLINDRE A ACTIONNEMENT AUTOMATIQUE ET SPIROMETRE D'OSCILLATION**
[72] SCHUESSLER, THOMAS, CA
[72] UROVITCH, ILAN BENJAMIN, CA
[73] THORASYS THORACIC MEDICAL SYSTEMS INC., CA
[85] 2007-12-27
[86] 2006-06-28 (PCT/CA2006/001071)
[87] (WO2007/000052)
[30] CA (2,511,070) 2005-06-29

[11] **2,614,570**
[13] C

[51] **Int.Cl. H04W 36/00 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING RADIO COMMUNICATIONS NETWORK AND RADIO NETWORK CONTROLLER**
[54] **PROCEDE ET SYSTEME DE GESTION DE RESEAU DE COMMUNICATIONS RADIO ET DE CONTROLEUR DE RESEAU RADIO**
[72] RINNE, MIKA, FI
[72] LAITINEN, LAURI, FI
[73] NOKIA MOBILE PHONES LTD., FI
[86] (2614570)
[87] (2614570)
[22] 1998-04-17
[62] 2,298,575
[30] FI (973425) 1997-08-20

[11] **2,615,594**
[13] C

[51] **Int.Cl. E21B 19/24 (2006.01)**
[25] EN
[54] **WELL STRING CENTRALIZER AND METHOD OF FORMING**
[54] **CENTREUR DE RAME DE Puits ET METHODE DE FORMATION**
[72] ANGMAN, PER G., CA
[73] TESCO CORPORATION, CA
[86] (2615594)
[87] (2615594)
[22] 2007-12-20
[30] US (60/871,072) 2006-12-20
[30] US (60/888,150) 2007-02-05

[11] **2,615,831**
[13] C

[51] **Int.Cl. C01G 21/14 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **SULFUR REMOVAL USING FERROUS CARBONATE ABSORBENT**
[54] **ELIMINATION DU SOUFRE AU MOYEN D'UN ABSORBANT DE CARBONATE DE FER**
[72] FARHA, FLOYD, US
[73] NEW TECHNOLOGY VENTURES, INC., US
[85] 2008-01-17
[86] 2006-09-15 (PCT/US2006/035911)
[87] (WO2007/035435)
[30] US (11/228,713) 2005-09-15

[11] **2,616,312**
[13] C

[51] **Int.Cl. E21B 19/06 (2006.01)**
[25] EN
[54] **OILFIELD ELEVATOR**
[54] **ELEVATEUR DE CHAMP PETROLIFERE**
[72] HOLLIN, MICHAEL ANDREW, CA
[73] TESCO CORPORATION, CA
[86] (2616312)
[87] (2616312)
[22] 2007-12-05
[30] US (60/868,684) 2006-12-05

[11] **2,619,006**
[13] C

[51] **Int.Cl. F03D 3/06 (2006.01)**
[25] EN
[54] **WINDMILL**
[54] **EOLIENNE**
[72] DULCETTI FILHO, FLAVIO FRANCISCO, BR
[73] DULCETTI FILHO, FLAVIO FRANCISCO, BR
[85] 2008-02-14
[86] 2006-12-05 (PCT/BR2006/000260)
[87] (WO2007/065234)
[30] BR (PI0505380-3) 2005-12-05
[30] BR (PROV. 20060177821) 2006-11-28

[11] **2,619,040**
[13] C

[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/40 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01)**
[25] EN
[54] **CRYSTALLINE AND AMORPHOUS SODIUM ATORVASTATIN**
[54] **ATORVASTATINE SODIQUE CRISTALLINE ET AMORPHE**
[72] ZHOU, KAILAN, CN
[72] LIU, HONG, CN
[72] CHEN, ZHIRONG, CN
[72] HONG, HUABIN, CN
[72] SUN, YANG, CN
[72] WANG, YUNDE, CN
[72] PAN, JIANGCHUN, CN
[73] ARROW INTERNATIONAL LIMITED, MT
[73] ZHEJIANG NEO-DANKONG PHARMACEUTICAL CO. LTD, CN
[85] 2008-02-14
[86] 2006-08-14 (PCT/GB2006/003035)
[87] (WO2007/020421)
[30] CN (200510060395.5) 2005-08-15
[30] GB (0613567.7) 2006-07-07

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[11] **2,619,613**
[13] C

[51] **Int.Cl. H05B 37/02 (2006.01) H05B 33/02 (2006.01)**
[25] EN
[54] **DIGITALLY CONTROLLED LUMINAIRE SYSTEM**
[54] **SYSTEME DE LUMINAIRE A COMMANDE NUMERIQUE**
[72] ASHDOWN, IAN, CA
[72] JUNGWIRTH, PAUL, CA
[72] ROBINSON, SHANE P., CA
[72] SPEIER, INGO, CA
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2008-02-18
[86] 2005-12-16 (PCT/CA2005/001902)
[87] (WO2007/019663)
[30] US (60/709,217) 2005-08-17

[11] **2,620,233**
[13] C

[51] **Int.Cl. F16K 21/18 (2006.01) B67D 7/04 (2010.01) B67D 7/52 (2010.01)**
[25] EN
[54] **FLOW CONTROL VALVE**
[54] **REGULATEUR DE DEBIT**
[72] WORKMAN, JEFFREY D., US
[72] LOCKE, LARRY L., US
[72] ROSE, JON B., US
[73] FLOWTECH FUELING LLC, US
[86] (2620233)
[87] (2620233)
[22] 2008-01-18
[30] US (60/881,422) 2007-01-19

[11] **2,621,687**
[13] C

[51] **Int.Cl. G01N 30/46 (2006.01) B01D 15/36 (2006.01) G01N 30/96 (2006.01)**
[25] EN
[54] **MULTIDIMENSIONAL CHROMATOGRAPHY APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CHROMATOGRAPHIE MULTIDIMENSIONNELLE**
[72] SRINIVASAN, KANNAN, US
[72] LIN, RONG, US
[73] DIONEX CORPORATION, US
[85] 2008-03-07
[86] 2006-09-12 (PCT/US2006/035438)
[87] (WO2007/035324)
[30] US (11/229,002) 2005-09-16

[11] **2,622,378**
[13] C

[51] **Int.Cl. G09G 3/36 (2006.01)**
[25] EN
[54] **LCD DESIGN FOR COLD TEMPERATURE OPERATION**
[54] **AFFICHEUR A CRISTAUX LIQUIDES POUR BASSES TEMPERATURES**
[72] HEDTKE, ROBERT C., US
[72] REPYEVSKIY, VLADIMIR VICTOROVICH, RU
[73] ROSEMOUNT INC., US
[85] 2008-03-12
[86] 2006-10-19 (PCT/RU2006/000539)
[87] (WO2007/046731)
[30] US (60/728,265) 2005-10-19

[11] **2,624,255**
[13] C

[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **TRANSGENIC PLANT SEED WITH INCREASED LYSINE**
[54] **GRAINE DE PLANTE TRANSGENIQUE A TENEUR AUGMENTEE EN LYSINE**
[72] MALVAR, THOMAS, US
[72] HUANG, SHIHSHIEH, US
[72] LUETHY, MICHAEL H., US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2008-03-28
[86] 2006-10-02 (PCT/US2006/038289)
[87] (WO2007/041419)
[30] US (60/723,178) 2005-10-03

[11] **2,625,752**
[13] C

[51] **Int.Cl. B62D 55/20 (2006.01)**
[25] EN
[54] **ENDLESS TRACK CHAIN ASSEMBLY WITH IN SITU REPLACEABLE WEAR PARTS**
[54] **CHENILLE AVEC PIECES D'USURE REMPLACABLES SUR PLACE**
[72] MULLIGAN, PATRICK J., US
[73] DEERE & COMPANY, US
[86] (2625752)
[87] (2625752)
[22] 2008-03-14
[30] US (11/846,557) 2007-08-29

[11] **2,626,722**
[13] C

[51] **Int.Cl. B60C 7/00 (2006.01) A01B 29/04 (2006.01) B60C 3/00 (2006.01) A01C 7/00 (2006.01)**
[25] FR
[54] **SEMI-HOLLOW TIRE FOR FARM MACHINERY**
[54] **PNEUMATIQUE DE TYPE SEMI-CREUX, NOTAMMENT POUR MACHINE AGRICOLE**
[72] PIOUS, DENIS, FR
[72] PHELRY, OLIVIER, FR
[73] OTICO, FR
[86] (2626722)
[87] (2626722)
[22] 2008-03-19
[30] FR (0702062) 2007-03-21

[11] **2,628,292**
[13] C

[51] **Int.Cl. A01B 63/14 (2006.01) A01B 61/00 (2006.01) A01B 63/16 (2006.01) A01B 63/22 (2006.01) A01B 73/00 (2006.01) A01B 73/04 (2006.01)**
[25] EN
[54] **AGRICULTURAL IMPLEMENT WITH FLEXIBLE WING LOCKING SYSTEM**
[54] **INSTRUMENT ARATOIRE AVEC SYSTEME SOUPLE DE BLOCAGE A OREILLES**
[72] HORN, RODNEY SAMUEL, US
[73] CNH AMERICA LLC, US
[86] (2628292)
[87] (2628292)
[22] 2008-04-03
[30] US (11/846,852) 2007-08-29

[11] **2,629,538**
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DELIVERING MESSAGES IN A COMMUNICATION SYSTEM**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DE MESSAGES DANS UN SYSTEME DE COMMUNICATION**
[72] HEINLA, AHTI, EE
[72] KONNUSSAAR, TEET, EE
[72] TEPANDI, LAURI, EE
[72] MANDRE, INDREK, EE
[73] SKYPE, IE
[85] 2008-05-13
[86] 2005-12-20 (PCT/EP2005/013924)
[87] (WO2007/059796)
[30] US (11/285,396) 2005-11-23

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[11] **2,630,111**
[13] C

[51] **Int.Cl. B60N 2/60 (2006.01) A47C 27/00 (2006.01) B64D 11/06 (2006.01)**

[25] EN
[54] **SEATING ACCESSORY**
[54] **ACCESSOIRE DE SIEGE**
[72] LEEDS, RICHARD M., US
[73] NIGHTGEAR LLC, US
[85] 2008-05-15
[86] 2006-11-20 (PCT/US2006/044942)
[87] (WO2007/061973)
[30] US (60/738,618) 2005-11-21

[11] **2,630,320**
[13] C

[51] **Int.Cl. C08F 20/56 (2006.01) C08G 69/44 (2006.01)**

[25] EN
[54] **A MANUFACTURING METHOD OF CO-POLYESTER RESINS FOR CLEAR MONO-LAYER CONTAINERS WITH IMPROVED GAS BARRIER CHARACTERISTICS**
[54] **PROCEDE DE FABRICATION DE RESINE COPOLYESTER POUR RECEPTACLES MONOCOUCHEs TRANSPARENTS AYANT DES CARACTERISTIQUES AMELIOREES DE PERMEABILITE AUX GAZ**
[72] CHEN, CHI-CHIN, US
[72] KEZIOS, PETER S., US
[72] CODD, HELEN, US
[72] BUCHANAN, KARL, US
[73] DAK AMERICAS LLC, US
[85] 2008-05-16
[86] 2006-12-01 (PCT/US2006/045952)
[87] (WO2007/067421)
[30] US (11/294,369) 2005-12-06

[11] **2,630,823**
[13] C

[51] **Int.Cl. A61M 1/34 (2006.01) A61K 31/70 (2006.01)**

[25] EN
[54] **METHOD FOR EXTRACORPOREAL REMOVAL OF A PATHOGENIC MICROBE, AN INFLAMMATORY CELL OR AN INFLAMMATORY PROTEIN FROM BLOOD**
[54] **METHODE POUR ELIMINATION EXTRACORPORELLE D'UN MICROBE PATHOGENE, D'UNE CELLULE INFLAMMATOIRE OU D'UNE PROTEINE INFLAMMATOIRE DU SANG**
[72] LARM, OLLE, SE
[72] BERGSTROEM, THOMAS, SE
[73] EXTHERA MEDICAL CORPORATION, US
[85] 2008-05-23
[86] 2006-12-13 (PCT/SE2006/001421)
[87] (WO2007/069983)
[30] SE (0502750-3) 2005-12-13

[11] **2,631,691**
[13] C

[51] **Int.Cl. B60R 3/02 (2006.01) E06C 5/02 (2006.01)**

[25] EN
[54] **ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES**
[72] ELLEMENT, NATHAN JOHN, AU
[73] BARJOH PTY LTD, AU
[85] 2008-05-30
[86] 2006-11-29 (PCT/AU2006/001807)
[87] (WO2007/062464)
[30] AU (2005906765) 2005-12-02
[30] AU (2006903004) 2006-06-02

[11] **2,631,882**
[13] C

[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/20 (2006.01)**

[25] EN
[54] **MICRONEEDLE ADAPTER FOR DOSED DRUG DELIVERY DEVICES**
[54] **ADAPTATEUR DE MICRO-AIGUILLE POUR DISPOSITIFS D'ADMINISTRATION DOSEE DE MEDICAMENTS**
[72] LEVIN, YOTAM, IL
[72] YESHURUN, YEHUSHUA, IL
[72] HEFETZ, MEIR, IL
[72] SEFI, YOEL, IL
[72] LAVI, GILAD, IL
[73] NANOPASS TECHNOLOGIES LTD., IL
[85] 2008-06-03
[86] 2006-12-10 (PCT/IL2006/001414)
[87] (WO2007/066341)
[30] US (60/748,280) 2005-12-08

[11] **2,632,316**
[13] C

[51] **Int.Cl. C02F 1/28 (2006.01) C02F 1/42 (2006.01)**

[25] FR
[54] **METHOD FOR REMOVING ORGANIC MATTER FROM WATER AND A DEVICE FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE D'ELIMINATION DE MATIERE ORGANIQUE DANS L'EAU ET DISPOSITIF POUR SA MISE EN OEUVRE**
[72] CROUE, JEAN-PHILIPPE, FR
[72] HUMBERT, HUGUES, FR
[72] GAID, ABDELKADER, FR
[72] SUTY, HERVE, FR
[72] SCHROTTER, JEAN-CHRISTOPHE, FR
[72] POUSSADE, YVAN, FR
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2008-06-03
[86] 2006-12-07 (PCT/FR2006/002671)
[87] (WO2007/066010)
[30] FR (0512433) 2005-12-07

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[11] **2,632,331**
[13] C

[51] **Int.Cl. A61K 38/16 (2006.01)**
[25] EN
[54] **MOLECULES WITH A BETA-AGGREGATING REGION AND THEIR USE IN INDUCING PROTEIN AGGREGATION**
[54] **MOLECULES PRESENTANT UNE REGION D'AGREGATION BETA ET LEUR UTILISATION DANS L'INDUCTION DE L'AGREGATION DE PROTEINES**
[72] SCHYMKOWITZ, JOOST, BE
[72] ROUSSEAU, FREDERIC, BE
[73] VIB VZW, BE
[73] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2008-06-04
[86] 2006-12-22 (PCT/EP2006/070184)
[87] (WO2007/071789)
[30] EP (05112761.1) 2005-12-22
[30] US (60/753,245) 2005-12-22
[30] EP (06125189.8) 2006-12-01
[30] US (60/872,079) 2006-12-01

[11] **2,632,379**
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01) F16L 55/136 (2006.01)**
[25] FR
[54] **PLUG INTENDED TO BE INSERTED INTO A DUCT ON WHICH A FLUID FLOWS AND ASSOCIATED FLUID PROSPECTING WELL**
[54] **MANDRIN DESTINE A ETRE INTRODUIT DANS UN CONDUIT DE CIRCULATION D'UN FLUIDE ET Puits D'EXPLOITATION DE FLUIDE ASSOCIE**
[72] MILLET, FRANCOIS, FR
[72] FOUCHER, PIERRE-ARNAUD, FR
[73] GEOSERVICES EQUIPEMENTS, FR
[85] 2008-06-05
[86] 2006-12-06 (PCT/FR2006/002662)
[87] (WO2007/066003)
[30] FR (05 12435) 2005-12-07

[11] **2,632,437**
[13] C

[51] **Int.Cl. C07D 249/08 (2006.01) A61K 31/4196 (2006.01) A61P 35/00 (2006.01) C07D 405/10 (2006.01)**
[25] EN
[54] **1,2,4-TRIAZOL-1-YL BISPHENYL DERIVATIVES FOR USE IN THE TREATMENT OF ENDOCRINE-DEPENDENT TUMOURS**
[54] **DERIVES DE 1,2,4-TRIAZOL-L-YL BISPHENYLE UTILISES POUR LE TRAITEMENT DE TUMEURS A DEPENDANCE ENDOCRINIENNE**
[72] WOO, LOK WAI LAWRENCE, GB
[72] JACKSON, TOBY, GB
[72] PUROHIT, ATUL, GB
[72] REED, MICHAEL JOHN, GB
[72] POTTER, BARRY VICTOR LLOYD, GB
[73] STERIX LIMITED, GB
[85] 2008-06-05
[86] 2006-12-12 (PCT/GB2006/004630)
[87] (WO2007/068905)
[30] GB (0525323.2) 2005-12-13

[11] **2,632,493**
[13] C

[51] **Int.Cl. C08J 3/20 (2006.01) A61L 24/04 (2006.01) A61L 26/00 (2006.01) C08G 18/12 (2006.01) C08L 75/04 (2006.01) C09J 5/00 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **FOAM CONTROL FOR SYNTHETIC ADHESIVE/SEALANT**
[54] **AGENT ANTIMOUSSE POUR ADHESIF/MATERIAU D'ETANCHEITE SYNTHETIQUE**
[72] ABUZAINA, FERASS, US
[72] MUNOZ, FATIMA, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2632493)
[87] (2632493)
[22] 2008-05-29
[30] US (11/823,341) 2007-06-27

[11] **2,632,850**
[13] C

[51] **Int.Cl. C04B 28/36 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF SULPHUR CEMENT OR A SULPHUR CEMENT-AGGREGATE COMPOSITE**
[54] **PROCEDE DE PREPARATION DE CIMENT AU SOUFRE OU D'UN COMPOSITE D'AGREGAT DE CIMENT AU SOUFRE**
[72] VERBIST, GUY LODE MAGDA MARIA, NL
[72] VAN TRIER, ROB ALOYSIUS MARIA, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[72] ELLIOTT, DOUGLAS C., US
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[54] **UTILISATION DE POLYMERES FILMOGENES DE SOINS CAPILLAIRES A PARTIR DU GROUPE DES POLYURETHANES ET PREPARATIONS PHARMACEUTIQUES ET PANSEMENTS ADHESIFS CONTENANT CES POLYMERES**
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[72] FRANKE, PATRICK, DE
[72] BRACHT, STEFAN, DE
[72] LEHR, CLAUS-MICHAEL, DE
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[54] **PELLICULES HYDROSOLUBLES COMPRENANT DES ALGINATES DE FAIBLE VISCOSITE**
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[72] HUBINETTE, FREDRIK, SE
[73] UPPSALAGRUPPEN MEDICAL AB, SE
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[54] **MEMBRANES DE SEPARATION DE GAZ CONTENANT UNE COUCHE DE SILICE MICROPOREUSE A BASE DE SILICE DOPEE PAR UN ELEMENT TRIVALENT**
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[72] COT, DIDIER, FR
[72] SALA, BEATRICE, FR
[72] BARBOIU, CAMELIA, FR
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[72] KHARRAT, ABDEL M., CA
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **REHYDRATATION DE CELLULES ELECTROCHIMIQUES**
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[72] GRANGE, NATHAN, GB
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[73] INTELLIGENT ENERGY LIMITED, GB
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[72] MARGESON, SCOTT, US
[72] CALL, DERICK, US
[72] HUBER, HOWARD E., JR., US
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[54] **SYSTEME ET PROCEDE D'OPTIMISATION ET D'ALIMENTATION EN ENERGIE D'UNE VANNE**
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[73] T.F.H. PUBLICATIONS, INC., US
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[54] **METHOD AND ARRANGEMENT FOR OPTIMIZING HEAT TRANSFER PROPERTIES IN HEAT EXCHANGE VENTILATION SYSTEMS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'OPTIMISER LES PROPRIETES DE TRANSFERT THERMIQUE DANS DES SYSTEMES DE VENTILATION PAR ECHANGE THERMIQUE**
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[54] **TELEVISEUR SUR IP ET METHODE DE FOURNITURE DE RENSEIGNEMENTS SUR LE TABLEAU DES CANAUX**
[72] SONG, JAE HYUNG, KR
[72] LEE, JOON HUI, KR
[72] THOMAS, GOMER, US
[73] LG ELECTRONICS INC., KR
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[72] LAFFAY, PHILIPPE, FR
[72] DUMONT D'AYOT, FRANCOIS, FR
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[54] **MILIEUX NON TISSES INTEGRANT DES POUDRES ULTRAFINES OU DE TAILLE NANOMETRIQUE**
[72] TEPPER, FREDERICK, US
[72] KALIEDIN, LEONID A., US
[73] ARGONIDE CORPORATION, US
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[54] **PROCEDE D'INHIBITION DE LA POLYMERISATION D'UN COMPOSE DE VINYLE AROMATIQUE**
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[73] HAKUTO CO., LTD., JP
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[54] **CONTINUOUS PROCESS FOR THE PRODUCTION OF VINYL CHLORIDE (CO)POLYMERS**
[54] **PROCEDE CONTINU DE PRODUCTION DE (CO)POLYMERES DE CHLORURE DE VINYLE**
[72] DIRIX, CAROLINA ANNA MARIA CHRISTINA, NL
[72] DE JONG, JOHANNES, JACOBUS THEODORUS, NL
[72] MEULENBRUGGE, LAMBERTUS, NL
[72] VANDUFFEL, KOEN ANTOON KORNELIS, NL
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[54] **PROCEDE ET FORMULE DE PRODUCTION DE PATE ETALEE SURGELEE**
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[72] MORAD, MOHAMMED M., US
[73] RICH PRODUCTS CORPORATION, US
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[54] **CONTENANT AVEC COUVERCLE DE SURBOUCHAGE**
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[72] GETSY, STEPHEN B., US
[73] SILGAN PLASTICS LLC, US
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[54] **CAMPTOTHECIN-ANALOG WITH A NOVEL, "FLIPPED" LACTONE-STABLE, E-RING AND METHODS FOR MAKING AND USING SAME ANALOGUE DE CAMPTOTHECINE PRESENTANT UN NOUVEAU NOYAU EN E "RETOURNE" STABLE A LA LACTONE ET SES PROCEDES DE PREPARATION ET D'UTILISATION**

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[73] ITXC IP HOLDINGS S.A.R.L., LU

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[54] **TEMPERATURE LIMITED HEATERS USING PHASE TRANSFORMATION OF FERROMAGNETIC MATERIAL APPAREILS DE CHAUFFAGE A TEMPERATURE LIMITEE UTILISANT LA TRANSFORMATION DE PHASE DE MATERIAU FERROMAGNETIQUE**

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[72] HORTON, JR., JOSEPH ARNO, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[54] **MECHANICAL BARRIER IN WOUND HEALING BARRIERE MECANIQUE DANS LA CICATRISATION DES PLAIES**

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[73] SHIELDHEART MEDTECH AB, SE

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[30] US (60/858,202) 2006-11-10
[30] US (60/880,646) 2007-01-16

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[54] **USE OF HYDROLYSIS RESISTANT ORGANOMODIFIED SILYLATED SURFACTANTS UTILISATION DE TENSIOACTIFS SILYLES ORGANOMODIFIES, RESISTANTS A L'HYDROLYSE**

[72] WAGNER, ROLAND, DE
[72] PENG, WENQING, CN
[72] POLICELLO, GEORGE A., US
[72] XIA, ZIJUN, CN
[72] LEATHERMAN, MARK D., US
[72] RAJARAMAN, SURESH K., US
[73] MOMENTIVE PERFORMANCE MATERIALS INC., US

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[54] **METHOD FOR RECYCLING MATERIALS FROM USED OBJECTS**

[54] **PROCEDE POUR LE RECYCLAGE DE MATIERES PROVENANT D'OBJETS USAGES**

[72] LAMBERT, CLAUDE, FR

[72] HACHIN, JEAN-MICHEL, FR

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[54] **ENSEMBLE CHEMISE POUR PIEGE A SABLE**

[72] CLARK, KEVIN L., US

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[54] **NITRILES SPIROCYCLIQUES EN TANT QU'INHIBITEURS DE PROTEASE**

[72] SCHUDOK, MANFRED, DE

[72] WAGNER, MICHAEL, DE

[72] BAUER, ARMIN, DE

[72] KOHLMANN, ANNA, DE

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[54] **REMOTE MANIPULATOR FOR MANIPULATING LIVE MULTIPLE SUB-CONDUCTORS IN A SINGLE PHASE BUNDLE**

[54] **TELEMANIPULATEUR POUR MANIPULER DES SOUS-CONDUCTEURS MULTIPLES SOUS TENSION DANS UN FAISCEAU MONOPHASE**

[72] O'CONNELL, DANIEL N., CA

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[72] GLOZMAN, DANIEL, IL

[72] SHOHAM, MOSHE, IL

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[54] **TOOTHBRUSH HAVING THERMOPLASTIC ELASTOMERIC LAMELLAE**

[54] **BROSSE A DENTS COMPORTANT DES LAMELLES ELASTOMERES THERMOPLASTIQUES**

[72] MERL, JOSEF, DE

[72] MUELLER, WOLF-DIETER, DE

[73] GLAXOSMITHKLINE CONSUMER HEALTHCARE GMBH & CO KG, DE

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[25] EN

[54] **A SULFUR TOLERANT NOBLE METAL CONTAINING AROMATICS HYDROGENATION CATALYST AND A METHOD OF MAKING AND USING SUCH CATALYST**

[54] **CATALYSEUR D'HYDROGENATION D'AROMATIQUES CONTENANT UN METAL NOBLE TOLERANT AU SOUFRE ET PROCEDE DE FABRICATION D'UN TEL CATALYSEUR**

[72] SMEGAL, JOHN ANTHONY, US

[72] VAN VEEN, JOHANNES ANTHONIUS ROBERT, NL

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

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[54] **GROOVED CONTACTS CONTACTS RAINURES**

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[54] **VARIABLE HEIGHT BIN LEVEL SENSOR FOR USE WITH A PRODUCT DISPENSING AGRICULTURAL IMPLEMENT**

[54] **DETECTEUR DE NIVEAU DE SILO A HAUTEUR VARIABLE ASSOCIE A UN INSTRUMENT ARATOIRE DE DISTRIBUTION**

[72] KOWALCHUK, TREVOR, CA

[73] CNH CANADA, LTD., CA

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[54] **METHOD FOR MANUFACTURING A CALCINED GYPSUM AND A GYPSUM BOARD**

[54] **PROCEDE DE FABRICATION DE GYPSE CALCINE ET DE PLAQUE DE PLATRE**

[72] TAIRA, SHIZUO, JP

[73] YOSHINO GYPSUM CO., LTD., JP

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[54] **ACYL-COA-DEPENDENT DIACYLGLYCEROL ACYLTRANSFERASE 1 (DGAT1) GENE FROM TROPAEOLUM MAJUS, PROTEIN ENCODED THEREBY AND USES THEREOF**

[54] **GENE DE DIACYLGLYCEROL ACYLTRANSFERASE 1 (DGAT1) ACYL-COA-DEPENDANTE DE CAPUCINE, PROTEINE CODEE PAR CELUI-CI ET UTILISATIONS DE CEUX-CI**

[72] FRANCIS, TAMMY, CA

[72] MIETKIEWSKA, ELZBIETA, CA

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[54] **METHOD OF GENERATING A LASER MARKING IN A SECURITY DOCUMENT AND SECURITY DOCUMENT OF THIS KIND**

[54] **PROCEDE DE PRODUCTION D'UN MARQUAGE LASER DANS UN DOCUMENT DE SECURITE ET DOCUMENT DE SECURITE ASSOCIE**

[72] STAUB, RENE, CH

[72] TOMPKIN, WAYNE ROBERT, CH

[72] HOLLIGER, DANIEL, CH

[72] KROLZIG, OLAF, CH

[72] SCHILLING, ANDREAS, CH

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[54] **MEDICAMENTS POUR LE TRAITEMENT DES SARCOGLYCANOPATHIES**

[72] RICHARD, ISABELLE, FR

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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR

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[54] **HOOKING DEVICE FOR MOVING SYSTEMS OF ROLLING CYLINDERS**

[54] **DISPOSITIF DE CROCHETAGE POUR SYSTEMES MOBILES DE CYLINDRES DE LAMINAGE**

[72] BOSELLI, GIOVANNI, IT

[72] COZZI, MARCO, IT

[72] TRENTI, ERASMO, IT

[72] GEROLI, RICCARDO, IT

[73] TECHINT COMPAGNIA TECNICA INTERNAZIONALE S.P.A., IT

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[25] EN

[54] **A CATALYST AND PROCESS FOR THE MANUFACTURE OF ULTRA-LOW SULFUR DISTILLATE PRODUCT**

[54] **CATALYSEUR ET PROCEDE POUR LA FABRICATION D'UN PRODUIT DISTILLE A TRES FAIBLE TENEUR EN SOUFRE**

[72] BHAN, OPINDER KISHAN, US

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

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[54] **APPLICATION TRANSDERMIQUE DE TRIAZINES EN VUE DE LUTTER CONTRE DES INFECTIONS DE COCCIDIES**

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[72] MUNDT, HANS-CHRISTIAN, DE

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[54] **CAGE DE CONFINEMENT DE RONGEURS A UTILISATION UNIQUE**

[72] CONGER, DEE L., US

[72] PERAZZO, THOMAS M., US

[72] D'ARTENAY, MATTHEW D., US

[72] MCGUFFIE, FRANCESCA, US

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[54] **PROCEDE ET APPAREIL DE GENERATION D'INFORMATIONS RELATIVES A LA DURETE ET/OU LA DEFORMATION D'UN TISSU**

[72] DE KORTE, CHRISTOFFEL LEENDERT, NL

[73] STICHTING KATHOLIEKE UNIVERSITEIT, NL

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[54] **APPAREIL DE PREPARATION MUSCULAIRE**
[72] HIGGINS, DOUGLAS ALASDAIR GOODWIN, GB
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[85] 2009-02-20
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[54] **COMPOSITION INSECTIFUGE ET ECRAN SOLAIRE TRANSPARENTE A BASE D'EAU**
[72] PECHKO, ANDREW H., US
[72] POLYWODA, VINCENT T., US
[73] AVON PRODUCTS, INC., US
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[72] TERPSTRA, RICHARD, US
[72] GUALTIERI, GREG, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2009-02-27
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[30] US (60/823,935) 2006-08-30
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[25] EN
[54] **PROCESS AND INTERMEDIATES FOR THE SYNTHESIS OF (3-ALKYL-5-PIPERIDIN-1-YL-3,3A-DIHYDRO-PYRAZOLO[1,5-A]PYRIMIDIN-7-YL)-AMINO DERIVATIVES AND INTERMEDIATES**
[54] **PROCEDE ET INTERMEDIAIRES SERVANT A LA SYNTHESE DE DERIVES DE (3-ALKYL-5-PIPERIDIN-1-YL-3,3A-DIHYDRO-PYRAZOLO[1,5-A]PYRIMIDIN-7-YL)-AMINO ET INTERMEDIAIRES CORRESPONDANTS**
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[72] KEERTIKAR, KARTIK M., US
[72] KUO, SHEN-CHUN, US
[72] LEE, HONG-CHANG, US
[72] RAGHAVAN, RAMANI R., US
[72] WU, GEORGE G., US
[72] XIE, JI, US
[73] MERCK SHARP & DOHME CORP., US
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[30] US (60/840,648) 2006-08-28
[30] US (60/851,951) 2006-10-14

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[13] C

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[25] EN
[54] **TROCAR ASSEMBLY WITH PNEUMATIC SEALING**
[54] **ENSEMBLE TROCART AVEC ETANCHEITE PNEUMATIQUE**
[72] STEARNS, RALPH, US
[72] STUBBS, JACK B., US
[73] SURGIQUEST, INCORPORATED, US
[85] 2009-03-03
[86] 2006-11-30 (PCT/US2006/045961)
[87] (WO2008/030256)
[30] US (11/517,929) 2006-09-08
[30] US (60/850,006) 2006-10-06

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[13] C

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[54] **COMPRESSOR MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE POUR COMPRESSEUR**
[72] MAIER, WILLIAM C., US
[73] DRESSER-RAND COMPANY, US
[85] 2009-03-19
[86] 2007-09-25 (PCT/US2007/079350)
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[30] US (60/826,876) 2006-09-25

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[13] C

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[25] EN
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[54] **COMPOSITIONS ORALES CONTENANT DES RESEAUX DE GEL**
[72] DECKNER, GEORGE ENDEL, US
[72] BAIG, ARIF ALI, US
[72] LEBLANC, MICHAEL JUDE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2009-03-02
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[13] C

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[25] EN
[54] **TROCAR ASSEMBLY WITH PNEUMATIC SEALING**
[54] **ENSEMBLE TROCART AVEC ETANCHEITE PNEUMATIQUE**
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[72] STUBBS, JACK B., US
[73] SURGIQUEST, INCORPORATED, US
[85] 2009-03-03
[86] 2006-11-30 (PCT/US2006/045961)
[87] (WO2008/030256)
[30] US (11/517,929) 2006-09-08
[30] US (60/850,006) 2006-10-06

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[13] C

[51] **Int.Cl. F04B 39/12 (2006.01) F04B 39/14 (2006.01) F04B 41/06 (2006.01) F25B 31/02 (2006.01) F25D 23/00 (2006.01)**
[25] EN
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[54] **SYSTEME DE MONTAGE POUR COMPRESSEUR**
[72] MAIER, WILLIAM C., US
[73] DRESSER-RAND COMPANY, US
[85] 2009-03-19
[86] 2007-09-25 (PCT/US2007/079350)
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[30] US (60/826,876) 2006-09-25

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[51] **Int.Cl. B01D 33/056 (2006.01) E02B 5/08 (2006.01)**
[25] EN
[54] **WATER SCREEN SYSTEM WITH COMPRESSIBLE BOOT SEAL**
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[72] PORTILLO, ROCKY, US
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[73] BIOSTABLE SCIENCE & ENGINEERING, INC., US
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[72] SHAW, RAYMOND WALTER, AU
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[73] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
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[54] **DERIVES DE 3-AMINO-IMIDAZO [1,2-A] PYRIDINE A EFFET INHIBITEUR DE SGLT1-ET DE SGLT2-POUR LE TRAITEMENT DE DIABETES DE TYPE 1 ET DE TYPE 2**
[72] KLEIN, MARKUS, DE
[72] GERICKE, ROLF, DE
[72] BEIER, NORBERT, DE
[72] CEZANNE, BERTRAM, DE
[72] TSAKLAKIDIS, CHRISTOS, DE
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[54] **PROCEDE D'ISOLEMENT DE BIOMACROMOLECULES UTILISANT UN FAIBLE PH ET DES CATIONS DIVALENTS**
[72] ROMERO, JONATHAN, US
[72] CHROSTOWSKI, JAMES, US
[72] DE VILMORIN, PHILIPPE GEORGES, US
[72] CASE, JENNIFER YUN, US
[73] BIOGEN IDEC MA INC., US
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- [73] HYDRIL USA MANUFACTURING LLC, US
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- [72] CLARKE, TIMOTHY, GB
- [73] RUBBERATKINS LIMITED, GB
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- [72] PANCHAUD, PHILIPPE, CH
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- [54] **PROCEDES DE TRAITEMENT DE TROUBLES OU D'AFFECTIONS DERMATOLOGIQUES**
- [72] HUNT, DAVID W. C., CA
- [72] MORRIS, JEROME ARTHUR, CA
- [72] JIANG, HUIJUN, CA
- [72] LEUNG, DANNY, CA
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- [54] **COUSSIN SOUPLE POUR LA PROTECTION CONTRE LES CHOCS**
- [72] ONROT, MARTIN PAUL, CA
- [72] GRANT ONROT, IRIS, US
- [73] COMFIHIPS, LLC, US
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- [72] KUSHIDA, TOSHIHIKO, JP
- [72] HIRAI, TATSUO, JP
- [73] MAEDA METAL INDUSTRIES, LTD., JP
- [86] (2668778)
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[54] **NOUVEAUX AMIDES AGISSANT SUR LES RECEPTEURS D'ADENOSINE**

[72] LUNDSTEDT, TORBJORN, SE

[72] SEIFERT, ELISABETH, SE

[72] LEK, PER, SE

[72] BOMAN, ARNE, SE

[73] ANAMAR AB, SE

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[54] **INSTALLATION POUR ENCOLLER DES FIBRES POUR LA PRODUCTION DE PANNEAUX DE FIBRES**

[72] AENGENVOORT, DIETER, DE

[72] SCHOELER, MICHAEL, DE

[72] SCHUERMANN, KLAUS, DE

[72] SEBASTIAN, LOTHAR, DE

[73] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH, DE

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[54] **MATERIAUX ET PROCEDES DESTINES A INTRODUIRE UN MATERIAU GENETIQUE DANS DES CELLULES VIVANTES**

[72] YUN, YANG H., US

[72] LOPINA, STEPHANIE, US

[72] GUPTA, ANIRBAN SEN, IN

[72] DITTO, ANDREW, US

[72] SARKAR, DEBANJAN, US

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[54] **HONEYCOMB FROM PAPER HAVING A HIGH MELT POINT THERMOPLASTIC FIBER**

[54] **STRUCTURE ALVEOLAIRE COMPOSEE DE PAPIER CONTENANT UNE FIBRE THERMOPLASTIQUE A POINT DE FUSION ELEVE**

[72] LEVIT, MIKHAIL R., US

[72] KHAN, SUBHOTOSH, US

[72] HENDREN, GARY LEE, US

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

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[54] **AMELIORATIONS APPORTEES OU RELATIVES A DES BOISSONS GAZEUSES**

[72] TAYLOR, ROY KENNETH, GB

[73] THOS. BENTLEY & SON LIMITED, GB

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[54] **SYSTEME INDICATEUR DE L'ETAT DE CHARGE D'UN VEHICULE**

[72] BROWN, DUNCAN, GB

[72] SWEENEY, FRANK, GB

[73] VISHAY PM ONBOARD LTD, GB

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[54] **SCREENING METHOD USING SAMPLE ADSORPTION ON FILTER PAPER**

[54] **PROCEDE DE CRIBLAGE UTILISANT L'ADSORPTION D'ECHANTILLON SUR UN PAPIER FILTRE**

[72] HOUEN, GUNNAR, DK
[72] HOUGAARD, DAVID M., DK
[72] SKOGSTRAND, KRISTIN, DK
[72] JORGENSEN, CHARLOTTE SVAERKE, DK

[73] STATENS SERUM INSTITUT, DK

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[54] **GRG23 EPSP SYNTHASES AMELIOREES : COMPOSITIONS ET PROCEDES D'UTILISATION**

[72] SCHOUTEN, LAURA COOPER, US
[72] PETERS, CHERYL L., US
[72] VANDE BERG, BRIAN, US
[72] HINSON, TODD, US
[72] BELINSON, VADIM, US

[73] ATHENIX CORPORATION, US

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[54] **ELEMENTS DE DEPLACEMENT ET PROCEDES DE DEPLACEMENT CONSISTANT A UTILISER LESDITS ELEMENTS POUR FORMER DES CORPS DE TREPAN POUR TREPANS ROTATIFS DE FORAGE SOUTERRAIN**

[72] SMITH, REDD H., US
[72] STEVENS, JOHN H., US

[73] BAKER HUGHES INCORPORATED, US

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[54] **METHOD AND DEVICE FOR REMOVAL OF ELEMENTS RESOLVED IN A METAL MELT**

[54] **PROCEDE ET DISPOSITIF POUR LE RETRAIT D'ELEMENTS DISSOUS DANS UN BAIN FONDU METALLIQUE**

[72] VENAAS, KARL, NO
[73] ALU INNOVATION AS, NO

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[54] **PROCESS FOR REDUCING IMPURITIES IN OXYCODONE BASE**

[54] **PROCEDE POUR REDUIRE LES IMPURETES DANS UNE BASE D'OXYCODONE**

[72] COX, D. PHILLIP, US
[72] ZHANG, YONG, US
[73] NORAMCO, INC., US

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[54] **COMPOSITION A LIBERATION PROLONGEE ET PROCEDE DE PRODUCTION CORRESPONDANT**

[72] FUTO, TOMOMICHI, JP
[72] SAITO, KAZUHIRO, JP
[72] HOSHINO, TETSUO, JP
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[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

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[54] **PROCEDE DE PREPARATION DE 3,5-DI-OMICRON-ACYL-2-FLUORO-2-C-METHYL-D-RIBONO-GAMMA-LACTONE**
[72] CEDILOTE, MIALI, US
[72] CLEARY, THOMAS P., US
[72] IDING, HANS, DE
[72] ZHANG, PINGSHENG, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **DESHYDRATATION DU METHANOL EN DIMETHYL ETHER EMPLOYANT DES CATALYSEURS A BASE D'UNE ZEOLITHE SUPPORTEE SUR DU CARBURE DE SILICIUM**
[72] IVANOVA, SVETLANA, FR
[72] VANHAECKE, ESTELLE, FR
[72] LIBS, SUZANNE, FR
[72] LOUIS, BENOIT, FR
[72] PHAM-HUU, CUONG, FR
[72] LEDOUX, MARC, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE LOUIS PASTEUR, FR
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[54] **PREPARATION MEDICALE SOUS FORME SOLIDE CONTENANT UN MANNITOL OU UN LACTOSE**
[72] WATANABE, TOMOYUKI, JP
[72] MAEDA, KAZUKO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[73] UBE INDUSTRIES, LTD., JP
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[54] **INHIBITEURS DE CORROSION A BASE D'AMINE FONCTIONNALISEE DESTINES A DES SURFACES METALLIQUES GALVANISEES ET PROCEDE D'UTILISATION DE CEUX-CI**
[72] KIDMABI, SRIKANTH S., US
[73] NALCO COMPANY, US
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[72] CHAUVIERE, EUGENE CHARLES, III, US
[73] HYDRIL USA MANUFACTURING LLC, US
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[54] **PROCEDE DE FABRICATION ET ELEMENT DE STRUCTURE**
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[73] LAFARGE, FR
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[54] **SOLUTION DE NETTOYAGE A FAIBLE RESIDU**
[72] KONG, STEPHEN BRADFORD, US
[72] BURCIAGA, SONIA H., US
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[73] THE CLOROX COMPANY, US
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[72] POHJOLA, TEEMU, FI
[73] GEMALTO OY, FI
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[54] **MOLECULES DE TRANSPORT UTILISANT DES POLYPEPTIDES TAT DU VIH A SEQUENCE INVERSE**

[72] WAUGH, JACOB M., US
[72] LEE, JAE HOON, US
[73] REVANCE THERAPEUTICS, INC., US
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[54] **CHEVAUCHEMENT A POINT DE CONTROLE DE SERVICE (SCP) COMMANDE ENTRE GSM ET IMS**

[72] NOLDUS, ROGIER AUGUST CASPAR JOSEPH, NL
[72] TERRILL, STEPHEN, ES
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **AGENTS MODULANT LE RECEPTEUR SENSIBLE AU CALCIUM**

[72] TASKER, ANDREW, US
[72] HARRINGTON, PAUL E., US
[72] FOTSCH, CHRISTOPHER H., US
[72] COULTER, THOMAS S., GB
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[72] GHIRON, CHIARA, IT
[72] KELLY, MICHAEL GERARD, US
[72] POON, STEVE FONG, US
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[54] **PROMEDICAMENTS DE COMPOSES DE 2,4-PYRIMIDINEDIAMINE ET LEURS UTILISATIONS**

[72] BHAMIDIPATI, SOMASEKHAR, US
[72] SINGH, RAJINDER, US
[72] SUN, THOMAS, US
[72] MASUDA, ESTEBAN, US
[73] RIGEL PHARMACEUTICALS, INC., US
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[54] **DEVICE ATTACHED TO A BLISTER**

[54] **DISPOSITIF MONTE SUR UN EMBALLAGE-COQUE**

[72] DEHLIN, MARCUS, SE
[72] SANDBERG, LARS, SE
[72] ROKAHR, INGRID, SE
[73] STORA ENSO AB, SE
[85] 2009-06-19
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[54] **SORTER**

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[72] EDELMANN, KLAUS, DE
[72] EHRHARDT-CASPERS, HELGE, DE
[73] EDELMANN, KLAUS, DE
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[54] **DEVICE FOR STORING LUGGAGE FOR A PUBLIC TRANSPORT VEHICLE**

[54] **DISPOSITIF DE RANGEMENT DE BAGAGES POUR VEHICULE DE TRANSPORT EN COMMUN**

[72] ALBERTI, JEROME, FR

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[54] **SPINAL ANCHORING SCREW**

[54] **VIS D'ANCRAGE POUR COLONNE VERTEBRALE**

[72] ARNOLD, BENJAMIN, US

[72] BARTISH, CHARLES M., JR., US

[72] KWAK, SEUNGKYU DANIEL, US

[72] DUNBAR, WILLIAM L., JR., US

[72] UPAL, ANWAR M., US

[72] HAWKINS, JOHN RILEY, US

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[54] **SINGLE SELECT CLINICAL INFORMATICS**

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[72] BUXEY, FARZAD D., US

[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

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[54] **NACELLE DE REACTEUR D'AERONEF ET AERONEF COMPORTANT UNE TELLE NACELLE**

[72] BULIN, GUILLAUME, FR

[72] OBERLE, PATRICK, FR

[72] SURPLY, THIERRY, FR

[73] AIRBUS OPERATIONS SAS, FR

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[54] **CAPSULE, MEANS FOR PIERCING THE BASE OF A CAPSULE AND DEVICE FOR PREPARING A BEVERAGE**

[54] **CAPSULE, MOYEN DE TRANSPERCEMENT DU FOND DE CAPSULE ET DISPOSITIF DE PREPARATION D'UNE BOISSON**

[72] AARDENBURG, KEES, CH

[73] SWISS CAFFE ASIA LTD., CN

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[25] EN

[54] **INTEGRATED CONTROLLED FREEZE ZONE (CFZ) TOWER AND DIVIDING WALL (DWC) FOR ENHANCED HYDROCARBON RECOVERY**

[54] **TOUR A ZONE CFZ (CONTROLLED FREEZE ZONE) INTEGREE ET PAROI DE SEPARATION (DWC) POUR AMELIORER LA RECUPERATION D'HYDROCARBURES**

[72] SINGH, VIKRAM, US

[72] GRAVE, EDWARD J., US

[72] NORTHROP, P. SCOTT, US

[72] SUNDARAM, NARASIMHAN, US

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[54] **VIS A OS ASYMETRIQUE DE FACON ROTATIVE**
[72] BOTTLANG, MICHAEL, US
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[73] APEX BIOMEDICAL COMPANY, LLC, US
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[54] **APPAREIL CHIRURGICAL COMPORTANT UN DISPOSITIF DE PENETRATION ANNULAIRE**
[72] SMITH, ROBERT C., US
[73] TYCO HEALTHCARE GROUP LP, US
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[72] KOSTKA, MIROSLAV, CH
[73] INVENTIO AG, CH
[85] 2009-09-10
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[54] **SUPPORT POUR BEBE**
[72] RAMER, KEVIN, CA
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[72] HONARD, MARK R., US
[73] LIQUID MOLDING SYSTEMS, INC., US
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[54] **DISPOSITIF DE FORMATION D'IMAGE AMELIORE**
[72] BECHTEL, JON H., US
[72] ANDRUS, JEREMY C., US
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[72] SMITH, DAWN A., US
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[25] EN
[54] **FLUIDIZED CATALYTIC PROCESS FOR PRODUCTION OF DIMETHYL ETHER FROM METHANOL**
[54] **PROCEDE AU CATALYSEUR FLUIDE DE PRODUCTION D'ETHER DIMETHYLE A PARTIR DE METHANOL**
[72] LI, ZHENG, CN
[72] FU, QIANG, CN
[72] XIE, CHAOGANG, CN
[72] LI, MINGGANG, CN
[72] MAO, ANGUO, CN
[72] LI, LISHENG, CN
[72] ZHU, GENQUAN, CN
[72] ZHANG, FENGMEL, CN
[72] LUO, YIBIN, CN
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[73] RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC, CN
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[54] **LIQUID DISTRIBUTOR IN PRESSURIZED FLUID SYSTEM**
[54] **DISTRIBUTEUR DE LIQUIDE DANS UN SYSTEME DE FLUIDE SOUS PRESSION**
[72] LEBREUX, ULDEGE, CA
[72] LEBREUX, MICHEL, CA
[73] PRODUCTIONS DR, CA
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[54] **CAPUCHON POUR RECIPIENT DE BOISSON ANTI-GOUTTES**
[72] SAMSON, ILAN ZADIK, GB
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[13] C

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **CAPTURE OF CARBON DIOXIDE (CO₂) FROM AIR**
[54] **CAPTAGE DE DIOXYDE DE CARBONE (CO₂) DANS L'AIR**
[72] WRIGHT, ALLEN B., US
[72] LACKNER, KLAUS S., US
[72] LEON-GUERRERO, ED, US
[72] GINSTER, URSULA, US
[72] CATTERSON, TYMOTHY, US
[72] MADISON, KARL, US
[72] ISHIKAWA, RYUHEI, US
[72] GRIMM, GEORGE, US
[72] MALCOMSON, MARK, US
[72] LIU, PING, US
[73] KILIMANJARO ENERGY, INC., US
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[30] US (60/912,649) 2007-04-18
[30] US (60/946,954) 2007-06-28
[30] US (60/980,412) 2007-10-16
[30] US (60/985,596) 2007-11-05

[11] **2,685,100**
[13] C

[51] **Int.Cl. C05F 11/08 (2006.01)**
[25] EN
[54] **USE OF TSUKAMURELLA PAUROMETABOLA TO STIMULATE PLANT GROWTH**
[54] **UTILISATION DE TSUKAMURELLA PAUROMETABOLA POUR STIMULER LA CROISSANCE DES PLANTES**
[72] MENA CAMPOS, JESUS, CU
[72] PIMENTEL VAZQUEZ, EULOGIO, CU
[72] MARIN BRUZOS, MARIETA, CU
[72] HERNANDEZ GARCIA, ARMANDO TOMAS, CU
[72] SANCHEZ ORTIZ, ILEANA, CU
[72] RAMIREZ NUNEZ, YAMILKA, CU
[72] GONZALEZ BLANCO, SONIA, CU
[72] GARCIA SIVERIO, MARIANELA, CU
[72] BORROTO NORDELO, CARLOS GUILLERMO, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
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[25] EN
[54] **CATALYSTS**
[54] **CATALYSEURS**
[72] VISAGIE, JACOBUS LUCAS, ZA
[72] BOTHA, JAN MATTHEUS, ZA
[72] KOORTZEN, JOHANNES GERHARDUS, ZA
[72] DATT, MICHAEL STEVEN, ZA
[72] BOHMER, ALTA, ZA
[72] VAN DE LOOSDRECHT, JAN, ZA
[72] SAIB, ABDOL MUTHALIB, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
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[30] ZA (2007/03621) 2007-05-04

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[13] C

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[25] EN

[54] **COLORED SUTURE**

[54] **SUTURE COLOREE**

[72] SIMMELINK, JOSEPH ARNOLD
PAUL MARIA, NL

[72] VAZ, CLAUDIA MARIA, NL

[73] DSM IP ASSETS B.V., NL

[85] 2009-11-05

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[51] **Int.Cl. A01K 5/02 (2006.01) A01J 5/007 (2006.01) A01K 29/00 (2006.01)**

[25] EN

[54] **METHOD OF AND DEVICE FOR MANAGING A GROUP OF DAIRY ANIMALS, AS WELL AS A COMPUTER PROGRAM PRODUCT THEREFOR**

[54] **PROCEDE ET DISPOSITIF DE GESTION D'UN TROUPEAU D'ANIMAUX LAITIERS ET LOGICIEL A CET EFFET**

[72] GERRIT, ANDRE, NL

[73] MAASLAND N.V., NL

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[11] **2,688,685**
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[54] **REMOVAL OF HEAVY HYDROCARBONS FROM GAS MIXTURES CONTAINING HEAVY HYDROCARBONS AND METHANE**

[54] **RETRAIT D'HYDROCARBURES LOURDS DE MELANGES GAZEUX CONTENANT DES HYDROCARBURES LOURDS ET DU METHANE**

[72] KELLEY, BRUCE T., US

[72] NORTHROP, PAUL S., US

[72] CHANCE, RONALD R., US

[72] DECKMAN, HARRY W., US

[72] CORCORAN, EDWARD W., US

[72] THOMAS, EUGENE R., US

[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

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[54] **VANADIUM-DRIER INTAGLIO INK**

[54] **ENCRE POUR HELIOGRAVURE A SECHEUR AU VANADIUM**

[72] LEFEBVRE, OLIVIER, CH

[72] SCHALLER, CHRISTOPHE, CH

[72] DEGOTT, PIERRE, CH

[72] MUELLER, EDGAR, CH

[73] SICPA HOLDING SA, CH

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[25] EN

[54] **POLYMER-MODIFIED BUILDING MATERIAL DRY MIXES**

[54] **MELANGES SECS DE MATERIAUX DE CONSTRUCTION TREMPES ET REVENUS PAR POLYMERES**

[72] GAEBERLEIN, PETER, DE

[72] SCHINABECK, MICHAEL, DE

[72] HERTH, GREGOR, DE

[72] FRIEDRICH, STEFAN, DE

[72] STOHR, WERNER, DE

[72] EHLE, ALEXANDER, DE

[72] KRATZER, KORNELIA, DE

[72] STREICHER, MARKUS, DE

[72] SCHWARZ, VOLKER, DE

[72] KRAMER, ASTRID, DE

[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE

[85] 2009-12-02

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[25] EN

[54] **QUALITY OF SERVICE INFORMATION CONFIGURATION**

[54] **CONFIGURATION D'INFORMATIONS DE QUALITE DE SERVICE**

[72] TINNAKORNSRISUPHAP, PEERAPOL, US

[72] WANG, JUN, US

[72] ULUPINAR, FATIH, US

[72] JIN, HAIPENG, US

[72] AGASHE, PARAG ARUN, US

[72] HSU, RAYMOND TAH-SHENG, US

[72] MAHENDRAN, ARUNGUNDRAM C., US

[73] QUALCOMM INCORPORATED, US

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[54] **SAFETY LUER CONNECTION**
[54] **RACCORD LUER DE SECURITE**
[72] YOW, D. GREGORY, US
[72] WALBORN, JONATHAN, US
[73] CAREFUSION 303, INC., US
[85] 2009-12-18
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[54] **CHATTING SYSTEM, METHOD AND APPARATUS FOR VIRTUAL PET**
[54] **SYSTEME, PROCEDE ET APPAREIL DE DISCUSSION POUR ANIMAL DE COMPAGNIE VIRTUEL**
[72] LIU, YUNFENG, CN
[72] YANG, HAISONG, CN
[72] LIU, ZHIYUAN, CN
[72] YU, RONGLING, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2009-12-29
[86] 2008-03-31 (PCT/CN2008/070642)
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[54] **PURIFICATION OF PEGYLATED POLYPEPTIDES**
[54] **PURIFICATION DE POLYPEPTIDES POLYETHYLENE-GLYCOLES**
[72] BURG, JOSEF, DE
[72] REICHERT, KLAUS, DE
[72] SCHROTH, AXEL, DE
[72] SCHURIG, HARTMUT, DE
[72] WESSNER, AXEL, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] FR
[54] **SPRING FOR A CASCADE-TYPE THRUST REVERSER SHUTTER FOR AN AIRCRAFT JET ENGINE**
[54] **RESSORT POUR VOLET D'INVERSEUR DE POUSSEE A GRILLES POUR TURBOREACTEUR D'AERONEF**
[72] HOGIE, JEAN-PAUL, FR
[73] AIRCELLE, FR
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[25] EN
[54] **COLD-FORMING STEEL ARTICLE**
[54] **ARTICLE EN ACIER A FORMAGE A FROID**
[72] JESNER, GERHARD, AT
[72] CALISKANOGLU, DEVRIM, AT
[73] BOEHLER EDELSTAHL GMBH & CO KG, AT
[86] (2696389)
[87] (2696389)
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[11] **2,696,561**
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[25] FR
[54] **NEGATIVE PRESSURE CLAMP WITH FLEXIBLE WORKING PLATE MAINTAINED BY LUGS**
[54] **ETAU A DEPRESSION A PLAQUE DE TRAVAIL SOUPLE MAINTENUE PAR DES PLOTS**
[72] BARLIER, CLAUDE, FR
[72] JANNOT, THIBAUT, FR
[72] MICHEL, RUDY, FR
[72] SIEGEL, ROMAIN, FR
[73] CIRTES SRC, FR
[85] 2010-02-09
[86] 2008-08-28 (PCT/FR2008/051538)
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[30] FR (0757232) 2007-08-29

[11] **2,698,487**
[13] C

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[54] **COUPLER**
[54] **ELEMENT D'ACCOUPLLEMENT**
[72] SCHAFFER, JONATHAN MICHAEL, GB
[73] PLUM PRODUCTS HOLDINGS PTY LTD, AU
[85] 2010-03-04
[86] 2007-09-10 (PCT/GB2007/003400)
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[30] GB (0704160.1) 2007-03-03

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[25] EN
[54] **PUBLISHING LOCATION FOR A LIMITED TIME**
[54] **EMPLACEMENT DE PUBLICATION A DUREE LIMITEE**
[72] BOCKING, ANDREW DOUGLAS, CA
[72] GANESHALINGAM, THEBAN, CA
[72] BROWN, MICHAEL STEPHEN, CA
[72] LITTLE, HERBERT ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2698927)
[87] (2698927)
[22] 2010-04-06
[30] EP (09157669.4) 2009-04-08

[11] **2,699,840**
[13] C

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[25] FR
[54] **LOWER REAR AERODYNAMIC FAIRING FOR AN AIRCRAFT ENGINE ATTACHMENT DEVICE**
[54] **CARENAGE AERODYNAMIQUE ARRIERE INFERIEUR POUR DISPOSITIF D'ACCROCHAGE D'UN MOTEUR D'AERONEF**
[72] JOURNADE, FREDERIC, FR
[72] RENAUD, ERIC, FR
[72] JALBERT, DELPHINE, FR
[73] AIRBUS OPERATIONS, FR
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[54] **C7-SUBSTITUTED CAMPTOTHECIN ANALOGS**

[54] **ANALOGUES DE CAMPTOTHECINE SUBSTITUES EN C7**

[72] KOCHAT, HARRY, US

[72] HAUSHEER, FREDERICK, US

[72] CHEN, XINGHAI, US

[72] NARKUNAN, KESAVARAM, US

[73] BIONUMERIK PHARMACEUTICALS, INC., US

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[54] **SAIL PROPULSION SYSTEM**

[54] **SYSTEME DE PROPULSION DE VOILE**

[72] CARICATO, PIETRO, IT

[73] CARICATO, PIETRO, IT

[85] 2010-04-12

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[54] **PLUG MOUNTING**

[54] **FIXATION ENFICHABLE**

[72] COSTABEL, SASCHA, DE

[73] SFS INTEC HOLDING AG, CH

[85] 2010-04-21

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[54] **DEVICE FOR DISPENSING FLUID**

[54] **DISPOSITIF DE DISTRIBUTION DE FLUIDE**

[72] LIMBERT, DEAN PHILIP, GB

[72] MATTHEWS, SHAUN KERRY, GB

[73] PIBED LIMITED, GB

[85] 2010-04-30

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[25] EN

[54] **SUCCINIC ACID PRODUCTION IN A EUKARYOTIC CELL**

[54] **PRODUCTION D'ACIDE SUCCINIQUE DANS UNE CELLULE EUKARYOTE**

[72] VERWAAL, RENE, NL

[72] WU, LIANG, NL

[72] DAMVELD, ROBBERTUS ANTONIUS, NL

[72] SAGT, CORNELIS MARIA JACOBUS, NL

[73] DSM IP ASSETS B.V., NL

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[30] EP (07121117.1) 2007-11-20

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[54] **TIRE PRESSURE MONITORING SYSTEM AND PRESSURE MONITORING UNIT**

[54] **DISPOSITIF DE CONTROLE DE LA PRESSION DES PNEUS ET APPAREIL DE CONTROLE DE LA PRESSION**

[72] ISOMURA, MAKOTO, JP

[72] BESSHO, MAKOTO, JP

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

[86] (2705180)

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[25] EN

[54] **SYSTEM AND METHOD FOR SYNCHRONIZING MEDICATION CONFIGURATION INFORMATION AMONG SYSTEMS CONTAINING MEDICATION CONFIGURATION INFORMATION**

[54] **SYSTEME ET PROCEDE POUR SYNCHRONISER DES INFORMATIONS DE CONFIGURATION DE MEDICATION PARMIS DES SYSTEMES CONTENANT DES INFORMATIONS DE CONFIGURATION DE MEDICATION**

[72] WEHBA, STEVEN R., US

[72] RINDA, JEFFREY E., US

[72] WARD, PATRICK, US

[73] HOSPIRA, INC., US

[85] 2010-05-07

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[25] EN

[54] **MODIFIED NEOMYCIN-PHOSPHOTRANSFERASE GENE THAT INCREASES EXPRESSION RATES OF CO-INTEGRATED GENE AND USES THEREOF**

[54] **GENE MODIFIE DE LA NEOMYCINE PHOSPHOTRANSFERASE QUI AUGMENTE LES TAUX D'EXPRESSION DU GENE CO-INTEGRE ET SES UTILISATIONS**

[72] ENENKEL, BARBARA, DE
[72] SAUTTER, KERSTIN, DE
[72] OTTO, RALF, DE
[72] FIEDER, JUERGEN, DE
[72] BERGEMANN, KLAUS, DE
[73] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE

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[30] DE (103 30 686.2) 2003-07-08

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[13] C

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[54] **WIND FARM AND METHOD FOR CONTROLLING A WIND FARM**

[54] **PARC EOLIEN ET METHODE DE REGULATION APPLICABLE**

[72] RIESBERG, ANDRE, DE
[72] RADEMACHER, HENNING, DE
[72] HARDEN, HENNIG, DE
[72] KUNFT, GUNTRAM, DE
[73] SENVION SE, DE

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[87] (2707797)
[22] 2010-06-17
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[13] C

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[25] EN

[54] **APPARATUS AND METHODS FOR CONTROLLING AND COMMUNICATING WITH DOWNHOLE DEVICES**

[54] **APPAREIL ET PROCEDES POUR COMMANDER ET COMMUNIQUER AVEC DES DISPOSITIFS DE FOND DE TROU**

[72] LERCHE, NOLAN C., US
[72] BROOKES, JAMES E., US
[73] HUNTING TITAN, INC., US

[85] 2010-06-04
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[54] **PROCESS AND APPARATUS FOR PASTEURIZING IN-SHELL EGGS**

[54] **APPAREIL ET PROCEDE DE PASTEURISATION D'OEUF ENTIER**

[72] POLSTER, LOUIS S., US
[73] POLSTER, LOUIS S., US

[86] (2708346)
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[22] 1998-12-23
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[30] US (09/002,244) 1997-12-31

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[54] **METHOD AND APPARATUS FOR STENTING**

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

[72] RICHTER, YORAM, IL
[72] EDELMAN, ELAZER, US
[73] MEDINOL, LTD., IL

[86] (2708607)
[87] (2708607)
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[30] US (60/275,419) 2001-03-13

[11] **2,708,758**
[13] C

[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/375 (2006.01)**

[25] EN

[54] **MEDICAL ELECTRODE, ELECTRODE BUNDLE AND ELECTRODE BUNDLE ARRAY**

[54] **ELECTRODE MEDICALE, FAISCEAU D'ELECTRODES ET ENSEMBLE DE FAISCEAU D'ELECTRODES**

[72] SCHOUENBORG, JENS, SE
[73] NEURONANO AB, SE

[85] 2010-06-10
[86] 2008-12-03 (PCT/SE2008/000680)
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[51] **Int.Cl. E21B 17/00 (2006.01)**

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[54] **WELL TUBINGS WITH POLYMER LINERS**

[54] **TUBAGES DE Puits A REVETEMENT POLYMERE**

[72] ANKER, MARTIN, SE
[72] LIEDAUER, SIEGFRIED, AT
[72] OBERNDORFER, MARKUS, AT
[72] THAYER, KARIN, AT
[73] BOREALIS AG, AT
[73] OMV EXPLORATION & PRODUCTION GMBH, AT

[85] 2010-06-16
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[54] **HYDROPROCESSING CATALYSTS WITH LOW SURFACE AREA BINDERS**
[54] **CATALYSEURS D'HYDROTRAITEMENT A FAIBLE AIRE DE SURFACE**
[72] KOWALSKI, JOCELYN A., US
[72] ELIA, CHRISTINE N., US
[72] SANTIESTEBAN, JOSE G., US
[72] ACHARYA, MADHAV, US
[72] DAAGE, MICHEL A., US
[72] DANDEKAR, AJIT B., US
[72] SINCLAIR, DARDEN, US
[72] KALYANARAMAN, MOHAN, US
[72] ZHANG, LEI, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2010-06-21
[86] 2008-12-24 (PCT/US2008/014055)
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[30] US (61/009,376) 2007-12-28

[11] **2,710,712**
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[25] EN
[54] **CONTINUOUS SLOT IN SHROUD**
[54] **RAINURE CONTINUE DANS UNE JUPE**
[72] NICHOLS, JASON, CA
[72] TOWNSEND, PETER, CA
[72] DUONG, HIEN, CA
[72] RUKIN, GRIGORY, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2710712)
[87] (2710712)
[22] 2010-07-21
[30] US (12/508,903) 2009-07-24

[11] **2,710,785**
[13] C

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[25] EN
[54] **CUTTING A SOFT FOOD MASS**
[54] **DECOUPE D'UNE MASSE DE DENREE ALIMENTAIRE MOLLE**
[72] ZEUSCHNER, ROLAND, DE
[73] HOCHLAND NATEC GMBH, DE
[85] 2010-06-25
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[30] DE (10 2007 063 295.0) 2007-12-27

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[13] C

[51] **Int.Cl. A23B 7/04 (2006.01) A23L 1/48 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF MAKING FROZEN INFANT AND TODDLER FOOD**
[54] **COMPOSITIONS ET PROCEDES DE FABRICATION D'ALIMENTS CONGELES POUR ENFANTSET BAMBINS**
[72] HIGGINS, LEIGHANNE, US
[73] NESTEC S.A., CH
[85] 2010-06-29
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[13] C

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[54] **DISPOSITIF ELECTRONIQUE**
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[73] SONY COMPUTER ENTERTAINMENT INC., JP
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[54] **SYSTEME ET PROCEDE DE COMMANDE DE NOTIFICATIONS D'EVENEMENTS**
[72] ABDEL-KADER, SHERIF ALY, CA
[72] VYMENETS, LEONID, CA
[72] TANEJA, MUNISH, CA
[73] BLACKBERRY LIMITED, CA
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[72] PLINER, SERGEY YOURIEVICH, RU
[72] SHMOTIEV, SERGEY FEDOROVICH, RU
[72] SYCHEV, VYACHESLAV MIKHAILOVICH, RU
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[72] LODI, CARLO ALBERTO, IT
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[72] FECTEAU, KARL, CA
[73] CORPORATION NUVOLT INC., CA
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[72] SAUBERT, MICHAEL, US
[73] SEARS BRANDS, LLC, US
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[72] BESORE, JOHN K., US
[72] DRAKE, JEFF DONALD, US
[72] FINCH, MICHAEL F., US
[72] FRANKS, DARIN, US
[72] ROETKER, JOHN JOSEPH, US
[72] ROOT, STEVEN KEITH, US
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[54] **REAL-TIME MONITORING, FEEDBACK, IDENTIFICATION AND LABELING SYSTEMS FOR CONDOM AND GLOVE PRODUCTS QUALITY INFORMATION AND METHODS THEREOF**

[54] **SURVEILLANCE EN TEMPS REEL, RETROACTION, IDENTIFICATION ET SYSTEMES D'ETIQUETAGE AVEC RENSEIGNEMENTS SUR LA QUALITE DES PRODUITS TELS QUE DES CONDOMS ET GANTS, ET PROCEDES CONNEXES**

[72] CHAN, VICTOR W. J., CA
[72] CHEN, RULIN, CN
[73] CHAN, VICTOR W. J., CA
[73] CHEN, RULIN, CN
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[54] **APPARATUS AND METHOD FOR PROVING AT LOW TEMPERATURES**

[54] **APPAREIL ET PROCEDE DE VERIFICATION A BASSE TEMPERATURE**

[72] DAY, DONALD, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
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[54] **FOOTBED FOR A SKATE BOOT**

[54] **ASSISE PLANTAIRE POUR CHAUSSURE DE PATIN**

[72] CHAMPAGNE, GAETAN, CA
[72] LAVIGNE, OLIVIER, CA
[73] BAUER HOCKEY CORP., CA
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[54] **SYSTEMES ET PROCEDES POUR LE TRANSPORT SUR D'UN MEDICAMENT**

[72] GARFIELD, JARED, US
[72] SLUMP, JOHN, US
[72] LYON, GREGORY, US
[73] J&J SOLUTIONS, INC., US
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[54] **PROCEDE D'INDUCTION DE PLAQUETTES SANGUINES**
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[72] TAKAKURA, NOBUYUKI, JP
[73] OSAKA UNIVERSITY, JP
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[54] **TECHNIQUES TO MANAGE A WHITEBOARD FOR MULTIMEDIA CONFERENCE EVENTS**
[54] **TECHNIQUES POUR GERER UN TABLEAU BLANC POUR DES EVENEMENTS DE CONFERENCES MULTIMEDIAS**
[72] HAWKINS, QUINN, US
[72] THAKKAR, PULIN, US
[72] SHARMA, KAPIL, US
[72] BHATTACHARJEE, AVRONIL, US
[72] EVERSOLE, ADAM, US
[72] QIN, BO, US
[73] MICROSOFT CORPORATION, US
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[54] **DETERGENT COMPOSITION COMPRISING A VARIANT OF A FAMILY 44 XYLOGLUCANASE**
[54] **COMPOSITION DETERGENTE COMPRENANT UN VARIANT DE XYLOGLUCANASE DE LA FAMILLE 44**
[72] LANT, NEIL JOSEPH, GB
[72] BESENMATTER, WERNER, DK
[72] FRIIS, ESBEN PETER, DK
[72] GIBSON, KEITH, DK
[72] RASMUSSEN, FRANK WINTHER, DK
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[54] **MATERIAU PYROPHORE**
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[72] SMITH, PAUL, GB
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[54] **METHOD OF MAKING 5, 10, 15, 20-TETRAKIS(CARBOXYPHENYL) PORPHINE SOLUTIONS AND COMPOSITIONS THEREOF**
[54] **COMPOSITIONS ET PROCEDES POUR DETECTER DES ETATS PRECANCEREUX DANS DES ECHANTILLONS CELLULAIRES ET TISSULAIRES AU MOYEN DE LA 5, 10, 15, 20-TETRAKIS (CARBOXYPHENYL) PORPHINE**
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[54] **INTERRUPTEUR ELECTRIQUE A ACTIVATION THERMIQUE**
[72] NEILLY, WILLIAM C., US
[72] GABREY, KEVIN L., US
[73] GABREY, KEVIN L., US
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[25] EN
[54] **REDUCING WLAN POWER CONSUMPTION ON A MOBILE DEVICE UTILIZING A CELLULAR RADIO INTERFACE**
[54] **REDUCTION DE LA CONSOMMATION EN ENERGIE D'UN RESEAU LOCAL SANS FIL SUR UN DISPOSITIF MOBILE UTILISANT UNE INTERFACE RADIO CELLULAIRE**
[72] BAKTHAVATHSALU, KRISHNA K., CA
[72] BARBU, ION, CA
[72] MENDAHAWI, NAYEF F., CA
[72] KHOLAIF, AHMAD M., CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **METHODS OF LUBRICATING FOOD PROCESSING EQUIPMENT AND RELATED FOOD GRADE, HIGH TEMPERATURE LUBRICANTS AND COMPOSITIONS**
[54] **PROCEDE DE LUBRIFICATION D'EQUIPEMENT DE FABRICATION ALIMENTAIRE ET LUBRIFIANTS ET COMPOSITIONS A HAUTE TEMPERATURE DE QUALITE ALIMENTAIRE ASSOCIES**
[72] BURGO, ROCCO, US
[72] HOUSEL, TYLER, US
[73] INOLEX INVESTMENT CORPORATION, US
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[54] **INFORMATION-RETRIEVAL DEVICE BASED ON A COLLECTION OF FOLDED SHEETS AND CORRESPONDING METHOD**
[54] **DISPOSITIF D'EXTRACTION D'INFORMATIONS FIGURANT DANS UN ENSEMBLE DE FEUILLES PLIEES ET METHODE CORRESPONDANTE**
[72] TSCHANZ, PIERRE-YVES, CH
[73] TSCHANZ, PIERRE-YVES, CH
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[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF WEB PAGE RENDERING**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF ET METHODE DE RENDU DE PAGE WEB**
[72] CUNDILL, ANDREW PHILIP, CA
[72] ROGERS, JEFFREY CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MODULE ET SYSTEME NUMERIQUE DE MISE EN FORME D'IMPULSIONS LASER**
[72] DELADURANTAYE, PASCAL, CA
[72] DUCHESNE, FRANCOIS, CA
[72] JACOB, MICHEL, CA
[72] MIMEAULT, YVAN, CA
[72] PARENT, ANDRE, CA
[72] TAILLON, YVES, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **REMORQUE**
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[72] METHOT, JEAN-CHRISTIAN, CA
[72] LONG, RUSSELL S., US
[72] GUILLOT, MICHEL, CA
[73] ALUTREC INC., CA
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HERMANN UDO, CA
[72] HERTEL ALEXANDER WOLFGANG
KARL KURT, CA
[72] GRAHAM, JOHN DAVID TREVER,
CA
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[54] **COOKING TABLE**
[54] **TABLE DE CUISSON**
[72] LEBRUN, ANTOINE, FR
[73] AKTIEBOLAGET ELECTROLUX, SE
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[30] SE (0801488-8) 2008-06-24

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[25] EN
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[54] **CHARIOT DE PONT ROULANT**
[72] TARKIAINEN, JOHANNES, FI
[72] RANTALA, KIMMO, FI
[72] KUIVAMAEMI, ISMO, FI
[72] AKESSON, MATS, FI
[72] SALOVAARA, JUHANI, FI
[73] KONECRANES PLC, FI
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[54] **IMPLANT OSSEUX DENTAIRE, PROCÉDE D'IMPLANTATION DE L'IMPLANT OSSEUX DENTAIRE ET PROCÉDES ET SYSTÈMES POUR LA FABRICATION D'IMPLANTS OSSEUX DENTAIRES**
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[54] **SYSTEME DE CODAGE AUDIO UTILISANT DES CARACTERISTIQUES D'UN SIGNAL DECODE POUR ADAPTER DES COMPOSANTS SPECTRAUX SYNTHETISES**
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[72] FELLERS, MATTHEW CONRAD, US
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[54] **SYSTEME DE DISTRIBUTION ET DE REGULATION DE CARBURANT EQUIPE D'UNE POMPE D'ACTIONNEMENT A DEPLACEMENT VARIABLE VENANT EN APPOINT A UNE POMPE PRINCIPALE A DEPLACEMENT FIXE**
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[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE D'UN PROCESSUS D'USINAGE AU LASER EXECUTE SUR UNE PIECE, AINSI QUE TETE D'USINAGE AU LASER EQUIPEE D'UN TEL DISPOSITIF**

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[54] **SYSTEME AMELIORE DE RACCORDEMENT DU CANON A LA CARCASSE D'UN FUSIL A VERROU**
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[54] **FEUILLE MICROPOREUSE MONOCOUCHE A FONCTION D'ARRET POUR BATTERIES**
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[72] BUSCH, DETLEF, DE
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[54] **SYSTEME DE SUPERPOSITION D'ICONES DYNAMIQUES ET METHODE DE PRODUCTION DE SUPERPOSITIONS D'ICONES DYNAMIQUES**
[72] NESTLER, ROGER H., US
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[73] EXELIS INC., US
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[72] SILVERMAN, BEN, CA
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[54] **SLICE MASK AND MOAT PATTERN PARTIAL ENCRYPTION**

[54] **EMBROUILLAGE PARTIEL DE PROFIL MOAT A MASQUAGE DE TRANCHES**

[72] CANDELORE, BRANT L., US
[72] DEROVANESSIAN, HENRY, US
[72] PEDLOW, LEO M., JR., US
[73] SONY ELECTRONICS INC., US
[86] (2748417)
[87] (2748417)
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[62] 2,413,955
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[11] **2,748,820**
[13] C

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[54] **NUT PLATE INTEGRAL EPOXY FILLED SLEEVE**

[54] **MANCHON REMPLI DE RESINE EPOXYDE INTEGRE A UNE PLAQUE D'ECROU**

[72] ROOSA, PATRICK, US
[72] AUSTIN, NORMAN, US
[72] RICE, EDWARD CLAUDE, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2011-06-30
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[87] (WO2010/078200)
[30] US (61/204,037) 2008-12-31
[30] US (12/645,253) 2009-12-22

[11] **2,749,560**
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[54] **CABLE GRIPPING DEVICE**

[54] **DISPOSITIF DE PREHENSION DE CABLE**

[72] JOLLY, ROBERT K., US
[72] MAGNO, JOEY D., JR., US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[86] (2749560)
[87] (2749560)
[22] 2011-08-18
[30] US (12/917,139) 2010-11-01

[11] **2,750,537**
[13] C

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[54] **LIGHT SOURCE WITH LEDS, LIGHT GUIDE AND REFLECTOR**

[54] **SOURCE DE LUMIERE AVEC DIODES ELECTROLUMINESCENTES, GUIDE DE LUMIERE ET REFLECTEUR**

[72] LUO, HONG, US
[73] OSRAM SYLVANIA INC., US
[85] 2011-07-22
[86] 2010-02-18 (PCT/US2010/024613)
[87] (WO2010/096578)
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[11] **2,751,843**
[13] C

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[54] **SELECT SERVING AND FLAVORED SPARKLING BEVERAGE MAKER**

[54] **DISPOSITIF DE FABRICATION DE BOISSONS PETILLANTES AROMATISEES AVEC SELECTEUR DE PORTIONS**

[72] SANTOITEMMO, CARL, US
[73] PRIMO PRODUCTS, LLC, US
[86] (2751843)
[87] (2751843)
[22] 2011-09-01
[30] US (12/874,488) 2010-09-02

[11] **2,752,751**
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[54] **ABSORBENT PRODUCT**

[54] **PRODUIT ABSORBANT**

[72] AKIYAMA, IKUO, JP
[73] LIVEDO CORPORATION, JP
[85] 2011-08-16
[86] 2010-11-15 (PCT/JP2010/006703)
[87] (WO2011/070728)
[30] JP (2009-280100) 2009-12-10

[11] **2,753,880**
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[51] **Int.Cl. B21D 31/00 (2006.01) B21D 26/021 (2011.01) B23P 25/00 (2006.01) B23Q 3/08 (2006.01) B24B 13/00 (2006.01) B25B 11/00 (2006.01)**

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[54] **SYSTEMS AND METHODS FOR PROFILING SHEET PRODUCTS**

[54] **SYSTEMES ET PROCEDES DE PROFILAGE DE PRODUITS FORMANT FEUILLE**

[72] CORY, DEAN, GB
[72] JONES, DAVID, GB
[73] TITANIUM METALS CORPORATION, US
[85] 2011-08-26
[86] 2010-02-26 (PCT/US2010/025537)
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[54] **MANIFOLD FOR A FUEL CELL SYSTEM**

[54] **COLLECTEUR D'UN SYSTEME DE PILE A COMBUSTIBLE**

[72] YE, JIANMING, CA
[72] BAZZARELLA, RICARDO, CA
[72] CARGNELLI, JOSEPH, CA
[73] HYDROGENICS CORPORATION, CA
[86] (2755239)
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[25] EN
[54] **APPARATUS FOR ADJUSTING SADDLE RETAINING ANGLE OF BICYCLE**
[54] **APPAREIL DE REGLAGE DE L'ANGLE D'INCLINAISON DE LA SELLE D'UN VELO**
[72] CHOI, JONG TAE, KR
[73] CHOI, JONG TAE, KR
[85] 2011-10-07
[86] 2011-06-09 (PCT/KR2011/004228)
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[25] EN
[54] **FILM COMPOSITION AND METHOD OF MAKING THE SAME**
[54] **COMPOSITION DE FILM ET PROCEDE POUR SA REALISATION**
[72] SONG, KWANGJIN, US
[72] LU, PANG-CHIA, US
[72] LERNOUX, ETIENNE RENE HENRI, FR
[72] CRETEKOS, GEORGE FORMAN, US
[73] JINDAL FILMS AMERICAS LLC, US
[85] 2011-09-19
[86] 2009-04-15 (PCT/US2009/040678)
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[13] C

[51] **Int.Cl. H04J 11/00 (2006.01) H04J 1/00 (2006.01)**
[25] EN
[54] **WIRELESS TRANSMISSION METHOD, WIRELESS TRANSMISSION SYSTEM, AND TRANSMISSION APPARATUS AND RECEPTION APPARATUS OF WIRELESS TRANSMISSION SYSTEM**
[54] **PROCEDE DE TRANSMISSION SANS FIL, SYSTEME DE TRANSMISSION SANS FIL ET APPAREIL D'EMISSION ET APPAREIL DE RECEPTION D'UN SYSTEME DE TRANSMISSION SANS FIL**
[72] YAMASHITA, FUMIHIRO, JP
[72] ABE, JUNICHI, JP
[72] KOBAYASHI, KIYOSHI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2011-09-21
[86] 2010-03-31 (PCT/JP2010/002356)
[87] (WO2010/113499)
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[51] **Int.Cl. D05C 17/02 (2006.01) A47G 27/02 (2006.01) B60N 3/04 (2006.01) B60R 13/08 (2006.01) D03D 27/00 (2006.01)**
[25] EN
[54] **TUFTED CARPET FOR AUTOMOTIVE APPLICATIONS**
[54] **MOQUETTE TOUFFETEE POUR APPLICATIONS AUTOMOBILES**
[72] MEENAKSHISUNDARAM, MEGANATHAN, CH
[72] TAYLOR, JAMES P., CH
[73] AUTONEUM MANAGEMENT AG, CH
[85] 2011-09-27
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[13] C

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[25] EN
[54] **ANCHOR AND HYDRAULIC SETTING ASSEMBLY**
[54] **ANCRE ET ENSEMBLE DE MONTAGE HYDRAULIQUE**
[72] HARRIS, MICHAEL J., US
[72] STULBERG, MARTIN ALFRED, US
[73] KEY ENERGY SERVICES, LLC, US
[85] 2011-09-29
[86] 2010-03-26 (PCT/US2010/000911)
[87] (WO2010/114592)
[30] US (61/166,169) 2009-04-02
[30] US (12/592,026) 2009-11-19
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[11] **2,757,805**
[13] C

[51] **Int.Cl. B22D 23/00 (2006.01) B22D 27/08 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING PARTICULATE-REINFORCED COMPOSITES AND COMPOSITES PRODUCED THEREBY**
[54] **METHODE DE PRODUCTION DE PRODUITS COMPOSITES RENFORCES A L'AIDE DE PARTICULES ET PRODUITS COMPOSITES AINSI FABRIQUES**
[72] HAN, QINGYOU, US
[72] LIU, ZHIWEI, CN
[73] PURDUE RESEARCH FOUNDATION, US
[86] (2757805)
[87] (2757805)
[22] 2011-11-10
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[13] C

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[25] FR
[54] **DEVICE FOR REDUCING THE AERODYNAMIC NOISE OF AN AIRCRAFT LANDING GEAR**
[54] **DISPOSITIF DE REDUCTION DU BRUIT AERODYNAMIQUE D'UN ATTERRISSEUR D'AERONEF**
[72] MASSON, RICHARD, FR
[72] ROUGIER, THIERRY, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2011-10-12
[86] 2010-04-15 (PCT/EP2010/054988)
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[30] FR (0901845) 2009-04-16

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[13] C

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[25] EN
[54] **COLLABORATIVE RULES BASED SECURITY**
[54] **SECURITE REPOSANT SUR DES REGLES COLLABORATIVES**
[72] PATEL, DEPTI, US
[72] RENCHER, ROBERT JOHN, US
[72] RUBERT, JAMES M., US
[72] NELSON, DAVID WAYNE, US
[73] THE BOEING COMPANY, US
[86] (2758810)
[87] (2758810)
[22] 2011-11-18
[30] US (12/969323) 2010-12-15

[11] **2,761,644**
[13] C

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[25] EN
[54] **METHOD OF MANUFACTURING POWDER METAL PLATES**
[54] **PROCEDE DE FABRICATION DE PLAQUES METALLIQUES A BASE DE POUVRE**
[72] HODJAT, YAHYA, US
[72] LAWCOCK, ROGER, CA
[72] SHIVANATH, ROHITH, CA
[73] THE GATES CORPORATION, US
[85] 2011-11-09
[86] 2010-06-15 (PCT/US2010/001713)
[87] (WO2010/147640)
[30] US (12/456,493) 2009-06-17

[11] **2,758,462**
[13] C

[51] **Int.Cl. F21S 8/04 (2006.01) F21V 7/04 (2006.01)**
[25] EN
[54] **GARAGE LIGHT LUMINAIRE WITH CIRCULAR COMPACT FLUORESCENT EMERGENCY LIGHTING OPTICS**
[54] **LUMINAIRE DE GARAGE A SYSTEME OPTIQUE D'ECLAIRAGE D'URGENCE FLUORESCENT COMPACT CIRCULAIRE**
[72] BAROZZINI, CLAUDE, US
[72] SUMMERFORD, ROBERT L., US
[73] GENLYTE THOMAS GROUP LLC, US
[86] (2758462)
[87] (2758462)
[22] 2004-12-02
[62] 2,489,061
[30] US (10/865,301) 2004-06-10

[11] **2,760,036**
[13] C

[51] **Int.Cl. B01D 3/38 (2006.01)**
[25] EN
[54] **OIL-SEPARATOR VESSEL FOR COMBINED LIGHT AND HEAVY OILS WITH A (TWO-SECTIONS) TWO-CHAMBERS MAINTAIN A DIFFERENT LEVEL OF LIQUID IN THE CHAMBERS THAT ACHIEVES A BIG DIFFERENCE IN THE TEMPERATURES OF COOLING WATER AND A LIGHT OIL SEPARATED ON TOP OF CHAMBER**
[54] **CONTENANT SEPARATEUR D'HUILE POUR HUILES LEGERES ET LOURDES COMBINEES, AVEC DEUX CHAMBRES (DEUX SECTIONS) MAINTENANT UN NIVEAU D'HUILE DIFFERENT DANS CHAQUE CHAMBRE, CE QUI CREE UN DIFFERENCE IMPORTANTE DE TEMPERATURE DE L'EAU DE REFROIDISSEMENT, L'HUILE LEGERE ETANT SEPAREE AUSOMMET DE LA CHAMBRE**
[72] MOCHEV, VASIL ILIEV, CA
[72] MOCHEV, TODOR ILIEV, CA
[72] TERZIYSKI, SACHO HRISTOV, CA
[73] MOCHEV, VASIL ILIEV, CA
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[87] (2760036)
[22] 2003-03-12
[62] 2,421,141

[11] **2,762,017**
[13] C

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[25] EN
[54] **EVAPORATOR**
[54] **EVAPORATEUR**
[72] LIM, HONG-YOUNG, KR
[72] OH, KWANG HUN, KR
[72] JEON, YOUNG-HA, KR
[73] HALLA VISTEON CLIMATE CONTROL CORPORATION, KR
[86] (2762017)
[87] (2762017)
[22] 2008-08-27
[62] 2,698,575
[30] KR (10-2007-0089014) 2007-09-03

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[13] C

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[25] EN
[54] **VARIABLE CAPACITY VANE PUMP WITH DUAL CONTROL CHAMBERS**
[54] **POMPE A PALETTES DE CAPACITE VARIABLE COMPRENANT DES CHAMBRES DE COMMANDE DOUBLES**
[72] WILLIAMSON, MATTHEW, CA
[72] SHULVER, DAVID R., CA
[73] MAGNA POWERTRAIN INC, CA
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[87] (2762087)
[22] 2005-12-21
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[30] US (60/639,185) 2004-12-22

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[11] **2,762,173**
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[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/28 (2006.01) A47L 9/32 (2006.01)**

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[54] **STEERABLE UPRIGHT VACUUM CLEANER**

[54] **ASPIRATEUR VERTICAL ORIENTABLE**

[72] MARSH, SAMUEL A., US

[72] FRY, MICHAEL L., US

[72] CROUCH, JAMES T., US

[72] HAWKINS, KYLE A., US

[73] PANASONIC CORPORATION OF NORTH AMERICA, US

[86] (2762173)

[87] (2762173)

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[30] US (61/429,940) 2011-01-05

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[13] C

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 1/16 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**

[25] EN

[54] **APPARATUS FOR VIBRATING A PORTABLE ELECTRONIC DEVICE**

[54] **ALERTE VIBRANTE POUR DISPOSITIF ELECTRONIQUE PORTATIF**

[72] IDZIK, JACEK S., CA

[72] LITINGTUN, SIONG (SHAWN), CA

[73] BLACKBERRY LIMITED, CA

[86] (2762570)

[87] (2762570)

[22] 2011-12-21

[30] EP (10196675.2) 2010-12-22

[11] **2,763,806**
[13] C

[51] **Int.Cl. B01D 3/38 (2006.01) B01D 3/10 (2006.01)**

[25] EN

[54] **TILTED SMALL COOLER WITH IMPLEMENTING A NEW METOD OF PULSE, COOLING SPEED OF DISTILLATION AND VACUUM DISTILLATION IN PRODUCTION OF ESSENTIALS OILS**

[54] **REFROIDISSEUR COMPACT INCLINE METTANT EN OEUVRE UN NOUVEAU PROCEDE DE DISTILLATION ACCELEREE A VIDE PULSE POUR LA PRODUCTION D'HUILES ESSENTIELLES**

[72] MOCHEV, VASIL ILIEV, CA

[72] MOCHEV, TODOR ILIEV, CA

[72] TERZIYSKI, SACHO HRISTOV, CA

[73] MOCHEV, VASIL ILIEV, CA

[86] (2763806)

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[22] 2003-03-12

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[11] **2,764,400**
[13] C

[51] **Int.Cl. C07K 14/39 (2006.01) C07K 19/00 (2006.01) C12N 15/31 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01) C07K 16/14 (2006.01)**

[25] EN

[54] **NOVEL CENTROMERIC PROTEIN SHUGOSHIN**

[54] **NOUVELLE PROTEINE CENTROMERIQUE DESIGNEE SOUS LE NOM DE SHUGOSHINE**

[72] WATANABE, YOSHINORI, JP

[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP

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[30] JP (2003-401943) 2003-12-01

[30] JP (2004-279450) 2004-09-27

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[13] C

[51] **Int.Cl. G01V 9/00 (2006.01) E21B 25/08 (2006.01) E21B 43/00 (2006.01)**

[25] EN

[54] **METHOD FOR CREATING A 3D MODEL OF A HYDROCARBON RESERVOIR, AND METHOD FOR COMPARATIVE TESTING OF HYDROCARBON RECOVERY TECHNIQUES**

[54] **METHODE DE MODELISATION EN 3D D'UN RESERVOIR D'HYDROCARBURES ET D'ESSAIS COMPARATIFS DES TECHNIQUES DE RECUPERATION**

[72] FREDERICK, LARRY, CA

[73] HUSKY OIL OPERATIONS LIMITED, CA

[86] (2764539)

[87] (2764539)

[22] 2012-01-16

[11] **2,767,104**
[13] C

[51] **Int.Cl. F16K 37/00 (2006.01) E03C 1/05 (2006.01) F16K 31/02 (2006.01) F16K 51/00 (2006.01)**

[25] EN

[54] **MULTI-MODE HANDS FREE AUTOMATIC FAUCET**

[54] **ROBINET DE PUISAGE AUTOMATIQUE MULTI-MODE MAINS LIBRES**

[72] JONTE, PATRICK B., US

[72] RODENBECK, ROBERT W., US

[72] BURKE, DAVID M., US

[72] MARTY, GARRY R., US

[72] HUFFINGTON, TODD, US

[73] MASCO CORPORATION OF INDIANA, US

[86] (2767104)

[87] (2767104)

[22] 2007-12-11

[62] 2,672,853

[30] US (11/641,574) 2006-12-19

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[13] C

[51] **Int.Cl. H04L 9/16 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEM, METHOD AND DEVICE WITH LIMITED ENCRYPTION KEY RETRIEVAL**
[54] **SYSTEME DE COMMUNICATION, PROCEDE ET DISPOSITIF AVEC RECUPERATION LIMITEE DE CLE DE CHIFFREMENT**
[72] STARR, MATTHEW RAYMOND, AU
[72] PRICE-WHITE, STEPHEN CAMERON, AU
[73] MEMJET TECHNOLOGY LIMITED, IE
[85] 2012-01-04
[86] 2010-09-20 (PCT/AU2010/001222)
[87] (WO2011/038443)
[30] US (61/246,531) 2009-09-29

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[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR XML DATA STORAGE, QUERY REWRITES, VISUALIZATION, MAPPING AND REFERENCING**
[54] **PROCEDE ET SYSTEME POUR STOCKER, REECRIRE DES INTERROGATIONS, VISUALISER, MAPPER ET REFERENCER DES DONNEES XML**
[72] KRISHNAPRASAD, MURALIDHAR, US
[72] KRISHNAMURTHY, VISWANATHAN, US
[72] MURTHY, RAVI, US
[72] NIMANI, VISAR, US
[73] ORACLE INTERNATIONAL CORPORATION, US
[86] (2767315)
[87] (2767315)
[22] 2001-09-07
[62] 2,421,214
[30] US (60/230,878) 2000-09-07
[30] US (09/948,949) 2001-09-06
[30] US (09/948,998) 2001-09-06
[30] US (09/949,020) 2001-09-06

[11] **2,769,156**
[13] C

[51] **Int.Cl. C07D 213/80 (2006.01) C07D 213/803 (2006.01)**
[25] EN
[54] **METHOD AND SUBSTANCES FOR PREPARATION OF N-SUBSTITUTED PYRIDINIUM COMPOUNDS**
[54] **PROCEDE ET SUBSTANCES POUR PREPARER DES COMPOSES DE PYRIDINIUM A SUBSTITUTION N**
[72] HEINDL, DIETER, DE
[72] GEBAUER, PETER, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-01-25
[86] 2010-07-23 (PCT/EP2010/004524)
[87] (WO2011/012271)
[30] EP (09166456.5) 2009-07-27

[11] **2,770,138**
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **CLUSTER SERVER OF AN INSTANT MESSAGING SYSTEM AND MESSAGING METHOD BETWEEN CLUSTERS**
[54] **SERVEUR DE GRAPPE DANS UN SYSTEME DE MESSAGERIE INSTANTANEE ET PROCEDE DE COMMUNICATION ENTRE GRAPPES**
[72] CUI, ZHENFENG, CN
[72] LU, JIANFENG, CN
[73] ZTE CORPORATION, CN
[85] 2012-02-03
[86] 2009-12-24 (PCT/CN2009/075954)
[87] (WO2011/015018)
[30] CN (200910090237.2) 2009-08-03

[11] **2,770,640**
[13] C

[51] **Int.Cl. A47H 23/04 (2006.01) A47H 1/104 (2006.01)**
[25] EN
[54] **ARCHED WINDOW COVERING CAPABLE OF ADJUSTING SIZE**
[54] **STORE DE FENETRE CINTREE DE DIMENSIONS AJUSTABLES**
[72] CHEN, LIN, TW
[73] NIEN MADE ENTERPRISE CO., LTD., TW
[86] (2770640)
[87] (2770640)
[22] 2012-03-06

[11] **2,770,672**
[13] C

[51] **Int.Cl. H02B 15/02 (2006.01) G09B 29/00 (2006.01)**
[25] EN
[54] **WIRING DIAGRAM VISUALIZATION SYSTEM**
[54] **SYSTEME DE VISUALISATION DE SCHEMA DE CABLAGE**
[72] ROSMAN LAFEVER, MONICA C., US
[72] EAMES, PATRICK J., US
[72] HADLEY, BRENT LOUIS, US
[73] THE BOEING COMPANY, US
[86] (2770672)
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[30] US (13/116,198) 2011-05-26

[11] **2,770,748**
[13] C

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[54] **ANTI-ABRASIVE PROTECTIVE PACKAGING MATERIAL AND METHOD OF MAKING THEREOF**
[54] **MATERIAU D'EMBALLAGE ANTI-ABRASIF ET SA METHODE DE FABRICATION**
[72] DUNN, CHARLES M., US
[73] SIGNODE INTERNATIONAL IP HOLDINGS LLC, US
[86] (2770748)
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[54] **ENSEMBLE LAMPE ALIMENTE PAR VOIE INDUCTIVE**
[72] BAARMAN, DAVID W., US
[73] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US
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[54] **SIGNAL PROCESSING METHOD,
SIGNAL PROCESSING DEVICE,
AND CORIOLIS FLOW METER**
[54] **PROCEDE DE TRAITEMENT DE
SIGNAL, DISPOSITIF DE
TRAITEMENT DE SIGNAL ET
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[72] KITAMI, HIROKAZU, JP
[72] SHIMADA, HIDEKI, JP
[73] OVAL CORPORATION, JP
[85] 2012-02-17
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[87] (WO2011/102031)
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[25] EN
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[54] **MANCHONS BALADEURS EN
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FORAGE**

[72] GARCIA, CESAR G., US
[72] ZIMMERMAN, PATRICK J., US
[72] WARD, DAVID, US
[72] FLORES, ANTONIO B., US
[72] DEDMAN, MICHAEL, US
[73] WEATHERFORD/LAMB, INC., US
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[25] EN
[54] **EXPANSION DEVICE WITH SLIPS
AND WEDGES HAVING BRIDGES**
[54] **DISPOSITIF D'EXPANSION AVEC
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[72] BUCKNER, ROBERT K., US
[73] HALLIBURTON ENERGY
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[85] 2012-02-28
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[25] FR
[54] **BRAKING SYSTEM
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[54] **ARCHITECTURE DE SYSTEME
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[72] THIBAUT, JULIEN, FR
[72] MUDRY, STEPHANE, FR
[72] ONFROY, DOMINIQUE, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2773630)
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[25] EN
[54] **TOWER FOR A WIND POWER
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ERECTING A TOWER FOR A
WIND POWER STATION**
[54] **MAT D'EOLIENNE ET PROCEDE
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[72] GREGOR, PRASS, DE
[73] TIMBER TOWER GMBH, DE
[85] 2012-03-09
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[54] **CORROSION INHIBITOR
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AND ASSOCIATED METHODS**
[54] **COMPOSITIONS
D'INTENSIFICATION
D'INHIBITEUR DE CORROSION
ET LEURS PROCEDES ASSOCIES**

[72] CASSIDY, JUANITA M., US
[72] LANE, JIM L., US
[72] KISER, CHAD E., US
[73] HALLIBURTON ENERGY
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[13] C

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[54] **MODULAR SYSTEM FOR
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COMPONENTS**
[54] **SYSTEME MODULAIRE POUR
LES COMPOSANTES DE
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[72] BYRNS, PATRIC, CA
[72] CHAHLEY, CHRIS, CA
[73] PRAIRIE MACHINE & PARTS MFG.
- PARTNERSHIP, CA
[86] (2774597)
[87] (2774597)
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[54] **DATA CENTER NETWORK DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION EN RESEAU DE CENTRE DE DONNEES**
[72] CHAPEL, STEVE, US
[72] PACHOUD, WILLIAM, US
[73] ZONIT STRUCTURED SOLUTIONS, LLC, US
[85] 2012-03-26
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[25] EN
[54] **DISPLAY SYSTEM WITH MOUNTING ASSEMBLIES AND ASSOCIATED METHODS**
[54] **SYSTEME D'AFFICHAGE AVEC NECESSAIRES DE MONTAGE ET METHODES CONNEXES**
[72] BOWSER, JOSEPH HARLAN, US
[72] TRINH, NICK QUANG, US
[72] KOSTKA, JIM W, US
[72] JURIC, NICHOLAS C., US
[73] TARGET BRANDS, INC., US
[86] (2776372)
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[54] **SUPPLY STOP WITH CONNECTION VERIFICATION**
[54] **BLOQUEUR D'ALIMENTATION AVEC VERIFICATION DE RACCORDEMENT**
[72] TURNAU, WILLIAM FRANKLIN, III, US
[72] SCHUTTE, JOSEPH P., US
[73] BRASSCRAFT MANUFACTURING COMPANY, US
[86] (2776737)
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[25] EN
[54] **POUCH WITH CONNECTORS AND SYSTEM OF SUCH POUCHES**
[54] **SACHETS AVEC CONNECTEURS ET SYSTEME D'UTILISATION**
[72] ACKERMAN, BRYAN L., US
[72] VALENTINE, BETHANNE L., US
[72] DEWANE, NANCY F., US
[72] MUSALIAR, IMTIAZ A., US
[72] SCHMITT, LARRY T., US
[72] KAFKIS, MARIA ECONOMOPOULOS, US
[72] DANIEL, LUCAS, US
[72] HINTZMAN, ANN, US
[72] VANDERBRANDEN, DAVID J., US
[72] GARCIA, SARAH I., US
[72] KARIYA, MORITSUGU, US
[72] TERNOVITS, SCOTT, US
[73] S.C. JOHNSON & SON, INC., US
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[87] (2779020)
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[13] C

[51] **Int.Cl. H04N 5/225 (2006.01)**
[25] EN
[54] **MOVING IMAGE PROCESSING PROGRAM, MOVING IMAGE PROCESSING DEVICE, MOVING IMAGE PROCESSING METHOD, AND IMAGE-CAPTURING DEVICE PROVIDED WITH MOVING IMAGE PROCESSING DEVICE**
[54] **PROGRAMME DE TRAITEMENT D'IMAGES EN MOUVEMENT, DISPOSITIF ET PROCEDE DE TRAITEMENT CONNEXE, ET CAPTEUR D'IMAGES EN MOUVEMENT EQUIPE DU DISPOSITIF DE TRAITEMENT CORRESPONDANT**
[72] OHBA, AKIO, JP
[72] SEGAWA, HIROYUKI, JP
[72] INADA, TETSUGO, JP
[73] SONY COMPUTER ENTERTAINMENT INC., JP
[85] 2012-04-26
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[11] **2,779,554**
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[54] **COMPOSITIONS AND KITS FOR DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION**
[54] **COMPOSITIONS ET TROUSSES POUR LA DETECTION DU VIH-1 PAR AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] BEE, GARY G., US
[72] YANG, YEASING Y., US
[72] KOLK, DAN P., US
[72] GIACHETTI, CRISTINA, US
[72] MCDONOUGH, SHERRYL H., US
[73] GEN-PROBE INCORPORATED, US
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[25] EN
[54] **OXYGEN MIXER FOR OXYGEN COMBUSTION BOILER**
[54] **APPAREIL DE MELANGE D'OXYGENE POUR CHAUDIERE A COMBUSTION D'OXYGENE**
[72] UCHIDA, TERUTOSHI, JP
[72] ISHII, TORU, JP
[72] YAMADA, TOSHIHIKO, JP
[72] WATANABE, SHUZO, JP
[72] ISO, YOSHIYUKI, JP
[73] IHI CORPORATION, JP
[85] 2012-04-26
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[87] (WO2011/055528)
[30] JP (2009-255963) 2009-11-09

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[13] C
[51] **Int.Cl. B60K 35/00 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **MORPHABLE PAD FOR TACTILE CONTROL**
[54] **BLOC MORPHABLE POUR COMMANDE TACTILE**
[72] SCHEUFLER, NICK, US
[72] FEIT, STEVEN, US
[72] CHOI, DAVE, US
[72] MILLER, ROSS, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2012-05-03
[86] 2010-12-09 (PCT/US2010/059700)
[87] (WO2011/075390)
[30] US (61/288,203) 2009-12-18

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[25] EN
[54] **WHEELBARROW LEG STABILIZER**
[54] **STABILISATEUR DE PATTES DE BROUETTE**
[72] ALBERT, BARRY R., US
[72] MARSHALL, DANIEL F., US
[72] MULLEN, JOSHUA O., US
[72] LUPEY, MICHAEL J., JR., US
[73] AMES TRUE TEMPER, INC., US
[86] (2780132)
[87] (2780132)
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[54] **NOVEL PEROXIDE DERIVATIVES, THEIR PROCESS OF PREPARATION AND THEIR USE IN HUMAN MEDICINE AND IN COSMETICS FOR THE TREATMENT OR PREVENTION OF ACNE**
[54] **NOUVEAUX DERIVES DE PEROXYDE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION EN MEDECINE HUMAINE ET DANS DES COSMETIQUES POUR LE TRAITEMENT OU LA PREVENTION DE L'ACNE**
[72] BOUIX-PETER, CLAIRE, FR
[72] PASCAL, JEAN-CLAUDE, FR
[72] RODEVILLE, NICOLAS, FR
[73] GALDERMA RESEARCH & DEVELOPMENT, FR
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[51] **Int.Cl. C08F 2/00 (2006.01) C08F 2/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING POLYMER PARTICLE SIZE**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'AJUSTER LA TAILLE DE PARTICULES DE POLYMERE**
[72] HOTTOVY, JOHN D., US
[72] HENDRICKSON, GREGORY G., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[25] EN
[54] **METHOD AND APPARATUS FOR BOREHOLE POSITIONING**
[54] **PROCEDE ET APPAREIL PERMETTANT DE POSITIONNER UN SONDAGE**
[72] KRUEGER, VOLKER, DE
[72] WITTE, JOHANNES, DE
[73] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **METHOD FOR PACKAGING POLYCRYSTALLINE SILICON**
[54] **METHODE D'EMBALLAGE DE SILICIUM POLYCRISTALLIN**
[72] VIETZ, MATTHIAS, AT
[72] HOELZLWIMMER, RAINER, DE
[73] WACKER CHEMIE AG, DE
[86] (2783460)
[87] (2783460)
[22] 2012-07-24
[30] DE (10 2011 081 196.6) 2011-08-18

[11] **2,783,748**
[13] C
[51] **Int.Cl. F01K 17/04 (2006.01) F01K 23/06 (2006.01)**
[25] EN
[54] **POWER PLANT WITH CO2 CAPTURE AND METHOD TO OPERATE SUCH POWER PLANT**
[54] **CENTRALE DE PRODUCTION D'ENERGIE PERMETTANT LA CAPTURE DE CO2, ET PROCEDE D'EXPLOITATION DE LADITE CENTRALE DE PRODUCTION D'ENERGIE**
[72] JOENSSON, STAFFAN, CH
[72] LI, HONGTAO, CH
[72] CONTE, ENRICO, CH
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **DIMERIC CORE-SHELL NANOSTRUCTURE LABELED WITH RAMAN ACTIVE MOLECULE LOCALIZED AT INTERPARTICLE JUNCTION, USE THEREOF, AND METHOD FOR PREPARING THE SAME**

[54] **NANOPARTICLE COEUR-ECORCE HETERODIMERE DANS LAQUELLE DES MOLECULES ACTIVES A EFFET RAMAN SONT SITUEES AU NIVEAU D'UNE PARTIE DE LIAISON D'UNE NANOPARTICULE HETERODIMERE, UTILISATION DE CELLE-CI, ET PROCEDE DE PREPARATION CORRESPONDANT**

[72] SUH, YUNG DOUG, KR
[72] NAM, JWA MIN, KR
[72] LIM, DONG KWON, KR
[72] JEON, KI SEOK, KR
[73] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
[73] SNU R&DB FOUNDATION, KR
[85] 2012-06-08
[86] 2010-12-10 (PCT/KR2010/008862)
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[30] KR (10-2009-0123017) 2009-12-11

[11] **2,784,030**
[13] C

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[25] EN

[54] **METHOD AND PROCESS FOR DRY DISCHARGE IN A PRESSURIZED PRETREATMENT REACTOR**

[54] **PROCEDE ET PROCESSUS POUR DECHARGE A SEC DANS UN REACTEUR DE PRETRAITEMENT SOUS PRESSION**

[72] BOLLES, JOHN, US
[72] RAWLS, JOSEPH MONROE, US
[72] STROMBERG, BERTIL, US
[73] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT
[85] 2012-06-11
[86] 2010-12-21 (PCT/US2010/061405)
[87] (WO2011/084761)
[30] US (61/288,520) 2009-12-21
[30] US (12/972,625) 2010-12-20

[11] **2,784,248**
[13] C

[51] **Int.Cl. C08J 5/04 (2006.01) C04B 16/04 (2006.01) C08K 3/00 (2006.01) C08L 25/08 (2006.01) C09K 8/473 (2006.01) C09K 8/56 (2006.01) C09K 8/62 (2006.01) E21B 21/06 (2006.01) E21B 33/13 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **THERMOSET NANOCOMPOSITE PARTICLES, PROCESSING FOR THEIR PRODUCTION, AND THEIR USE IN OIL AND NATURAL GAS DRILLING APPLICATIONS**

[54] **PARTICULES NANOCOMPOSITES THERMODURCIES, PROCEDE DE PRODUCTION ASSOCIE ET UTILISATION DANS DES APPLICATIONS DE FORAGE DE PETROLE ET DE GAZ NATUREL**

[72] BICERANO, JOZEF, US
[72] ALBRIGHT, ROBERT L., US
[73] SUN DRILLING PRODUCTS CORPORATION, US
[86] (2784248)
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[22] 2005-12-30
[62] 2,563,549
[30] US (60/640,965) 2004-12-30

[11] **2,784,554**
[13] C

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[54] **HEAD RECOGNITION METHOD**

[54] **PROCEDE DE RECONNAISSANCE DE TETE**

[72] BAELE, XAVIER, BE
[72] THOLLOT, JULIEN, BE
[72] MARTINEZ GONZALEZ, JAVIER, BE
[72] SIMONS, KEVIN, BE
[73] SOFTKINETIC SOFTWARE, BE
[85] 2012-06-14
[86] 2010-12-28 (PCT/EP2010/070817)
[87] (WO2011/080280)
[30] EP (09180783.4) 2009-12-28

[11] **2,784,584**
[13] C

[51] **Int.Cl. H01Q 1/00 (2006.01) H01Q 1/12 (2006.01)**

[25] EN

[54] **SYSTEMS, METHODS AND APPARATUS FOR MOUNTING AN OBJECT TO A STRUCTURE**

[54] **SYSTEMES, PROCEDES ET APPAREIL PERMETTANT DE MONTER UN OBJET SUR UNE STRUCTURE**

[72] MARTCH, HENRY GREGG, US
[72] FRUH, JASON, US
[73] ECHOSTAR TECHNOLOGIES LLC, US
[85] 2012-06-14
[86] 2010-12-16 (PCT/US2010/060710)
[87] (WO2011/084576)
[30] US (12/639,814) 2009-12-16

[11] **2,784,975**
[13] C

[51] **Int.Cl. A46B 11/00 (2006.01)**

[25] EN

[54] **ORAL CARE SYSTEM WITH DETACHABLE DISPENSER**

[54] **DISPOSITIF DE SOIN ORAL COMPORTANT UN DISTRIBUTEUR AMOVIBLE**

[72] JIMENEZ, EDUARDO, US
[72] KENNEDY, SHARON, US
[72] MOSKOVICH, ROBERT, US
[72] GATZEMEYER, JOHN, US
[72] STORZ, JOACHIM, AT
[72] KLAUSEGGER, RAIMUND, AT
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2012-06-19
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[13] C

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[25] EN
[54] **NOX REMOVAL SYSTEM FOR BIOGAS ENGINES AT ANAEROBIC DIGESTION FACILITIES**
[54] **SYSTEME D'ELIMINATION DU NOX POUR LES MOTEURS A BIOGAZ DANS LES INSTALLATIONS DE BIOMETHANISATION**
[72] MATELICH, MICHAEL, US
[73] BIOGAS & ELECTRIC, LLC, US
[85] 2012-06-21
[86] 2010-12-22 (PCT/US2010/061780)
[87] (WO2011/082060)
[30] US (61/335,072) 2009-12-31
[30] US (12/882,901) 2010-09-15

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[13] C

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[25] EN
[54] **REVERSE OPENING SLIDE FASTENER**
[54] **FERMETURE A GLISSIERE A OUVERTURE INVERSEE**
[72] NOZAKI, JIRO, JP
[72] AKASHI, SHUNJI, JP
[73] YKK CORPORATION, JP
[85] 2012-06-22
[86] 2009-12-25 (PCT/JP2009/071566)
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[11] **2,785,519**
[13] C

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **SAFETY NEEDLE ASSEMBLY WITH DISPLACEABLE LOCKING TONGUE**
[54] **ENSEMBLE AIGUILLE DE SECURITE COMPRENANT UNE LANGUETTE DE VERROUILLAGE MOBILE**
[72] WEI, MIN, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2012-06-22
[86] 2009-12-22 (PCT/US2009/069182)
[87] (WO2011/078851)

[11] **2,785,693**
[13] C

[51] **Int.Cl. F41G 7/26 (2006.01)**
[25] EN
[54] **METHOD FOR CORRECTING THE TRAJECTORY OF A PROJECTILE, IN PARTICULAR OF A TERMINAL PHASE-GUIDED PROJECTILE, AND PROJECTILE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE POUR CORRIGER LA TRAJECTOIRE D'UN PROJECTILE GUIDE EN PARTICULIER EN PHASE FINALE ET PROJECTILE POUR LA MISE EN OEUVRE DU PROCEDE**
[72] SEIDENSTICKER, JENS, DE
[73] RHEINMETALL AIR DEFENCE AG, CH
[85] 2012-06-26
[86] 2010-12-07 (PCT/EP2010/007428)
[87] (WO2011/085758)
[30] DE (10 2010 004 820.8) 2010-01-15

[11] **2,785,750**
[13] C

[51] **Int.Cl. E21B 19/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO SUPPORT A TUBULAR MEMBER**
[54] **APPAREIL ET PROCEDE POUR SUPPORTER UN ELEMENT TUBULAIRE**
[72] THIBODEAUX, ROBERT, JR., US
[72] ANGELLE, JEREMY RICHARD, US
[73] FRANK'S INTERNATIONAL, LLC, US
[85] 2012-06-26
[86] 2010-12-17 (PCT/US2010/061038)
[87] (WO2011/084690)
[30] US (61/287,659) 2009-12-17
[30] US (12/970,716) 2010-12-16

[11] **2,787,642**
[13] C

[51] **Int.Cl. E04B 1/94 (2006.01) A62C 2/06 (2006.01)**
[25] EN
[54] **MEANS FOR FIRESTOPPING A CURTAIN WALL CONSTRUCTION**
[54] **DISPOSITIF COUPE-FEU POUR MUR RIDEAU**
[72] STAHL, JAMES P., JR., US
[72] LOPES, JULIO, US
[72] DEMARCO, CHRISTOPHER, US
[73] SPECIFIED TECHNOLOGIES INC., US
[86] (2787642)
[87] (2787642)
[22] 2012-08-24
[30] US (61/573,862) 2011-09-13
[30] US (13/573,051) 2012-08-16

[11] **2,787,733**
[13] C

[51] **Int.Cl. F01D 5/00 (2006.01) B23P 19/02 (2006.01) F01D 25/28 (2006.01)**
[25] EN
[54] **REMOVAL OF STUCK BLADE IN A TURBINE ENGINE**
[54] **RETRAIT D'UNE AUBE COINCEE DANS UN MOTEUR A TURBINE**
[72] SILIETI, MAHMOOD K., US
[72] LEAGON, JONATHAN M., US
[72] MOORE, KENNETH L., US
[72] BARKER, ROBERT D., US
[73] SIEMENS ENERGY, INC., US
[85] 2012-07-20
[86] 2010-12-21 (PCT/US2010/061404)
[87] (WO2011/090651)
[30] US (61/297,393) 2010-01-22
[30] US (12/942,088) 2010-11-09

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[13] C

[51] **Int.Cl. B21J 5/08 (2006.01) B21J 9/06 (2006.01) B21K 1/30 (2006.01) B21K 21/12 (2006.01)**

[25] EN

[54] **METHOD AND TOOL FOR PRODUCING A COMPONENT AND A COMPONENT PRODUCED BY FORMING**

[54] **PROCEDE ET OUTIL DE FABRICATION D'UNE PIECE ET PIECE FABRIQUEE PAR FORMAGE**

[72] GERLACH, LARS, DE

[72] WERBS, MICHAEL, DE

[72] BAWOHL, ANDREAS, DE

[72] GEISINGER, KARL, DE

[73] SCHULER CARTEC GMBH & CO. KG, DE

[85] 2012-07-26

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[87] (WO2011/103985)

[30] DE (10 2010 009 345.9) 2010-02-25

[11] **2,789,817**
[13] C

[51] **Int.Cl. B66F 9/04 (2006.01) B65G 69/24 (2006.01) B66F 3/35 (2006.01) B66F 7/08 (2006.01)**

[25] EN

[54] **VARIABLE-CAPACITY SELF-ADJUSTING PNEUMATIC LOAD ELEVATOR**

[54] **MONTE-CHARGE PNEUMATIQUE AUTO-AJUSTABLE ET A CAPACITE VARIABLE**

[72] STONE, ROBERT M., US

[73] BISHAMON INDUSTRIES CORPORATION, US

[85] 2012-08-14

[86] 2011-04-07 (PCT/US2011/031498)

[87] (WO2011/133330)

[30] US (12/765,811) 2010-04-22

[11] **2,789,927**
[13] C

[51] **Int.Cl. H05B 6/10 (2006.01) C21D 1/42 (2006.01) C21D 9/56 (2006.01)**

[25] EN

[54] **TRANSVERSE FLUX INDUCTION HEATING DEVICE**

[54] **DIPPOSITIF DE CHAUFFAGE PAR INDUCTION A FLUX TRANSVERSAL**

[72] UMETSU, KENJI, JP

[72] UEKI, TSUTOMU, JP

[72] MAYUMI, YASUHIRO, JP

[72] TAKECHI, TOSHIYA, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2012-08-14

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[13] C

[51] **Int.Cl. C09K 8/36 (2006.01)**

[25] EN

[54] **INVERT DRILLING FLUIDS HAVING ENHANCED RHEOLOGY AND METHODS OF DRILLING BOREHOLES**

[54] **FLUIDES DE FORAGE INVERSES A RHEOLOGIE AMELIOREE ET PROCEDES DE FORAGE DE Puits de forage**

[72] MAGHRABI, SHADAAB SYED, IN

[72] WAGLE, VIKRANT BHAVANISHANKAR, IN

[72] TEKE, KUSHABHAU DAGADU, IN

[72] KULKARNI, DHANASHREE GAJANAN, IN

[72] KULKARNI, KUNAI SHARAD, IN

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2012-08-21

[86] 2011-03-04 (PCT/GB2011/000303)

[87] (WO2011/110803)

[30] US (12/660,873) 2010-03-06

[11] **2,790,905**
[13] C

[51] **Int.Cl. B25D 9/14 (2006.01) B25D 9/06 (2006.01) C21B 7/12 (2006.01) B22D 41/14 (2006.01)**

[25] EN

[54] **IMPACT TOOL FOR A HAMMER DEVICE AND METHOD FOR OPENING A TAPPING OPENING**

[54] **OUTIL DE CHOC POUR APPAREIL DE MARTELAGE ET METHODE POUR PRATIQUER UNE OUVERTURE DE SOUTIRAGE**

[72] SCHANTL, WERNER, AT

[72] WOLFSBERGER, MICHAEL, AT

[73] TMT-BBG RESEARCH AND DEVELOPMENT GMBH, AT

[86] (2790905)

[87] (2790905)

[22] 2012-09-26

[30] AT (A 1397/2011) 2011-09-27

[11] **2,790,957**
[13] C

[51] **Int.Cl. B07B 1/28 (2006.01) B01D 33/03 (2006.01) B07B 1/42 (2006.01) B07B 1/46 (2006.01) B07B 13/18 (2006.01) E21B 21/06 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR SEPARATING SOLIDS FROM A SOLIDS LADEN DRILLING FLUID**

[54] **APPAREIL ET PROCEDE PERMETTANT DE SEPARER DES CORPS SOLIDES DANS UN FLUIDE DE FORAGE CONTENANT DES CORPS SOLIDES**

[72] SCOTT, ERIC, US

[72] BURNETT, GEORGE ALEXANDER, GB

[72] EL DORRY, KHALED, US

[72] RONQUILLO, NAHUM, US

[73] NATIONAL OILWELL VARCO, L.P., US

[85] 2012-08-23

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[25] EN

[54] **COGENERATIVE ORC SYSTEM**

[54] **SYSTEME ORC COGENERATIF**

[72] GAIA, MARIO, IT

[72] BINI, ROBERTO, IT

[73] TURBODEN S.R.L., IT

[85] 2012-09-05

[86] 2011-03-09 (PCT/IT2011/000061)

[87] (WO2011/111082)

[30] IT (BS2010A000046) 2010-03-10

[11] **2,792,608**
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[51] **Int.Cl. A61M 25/16 (2006.01) A61M 29/02 (2006.01)**

[25] EN

[54] **CATHETER ASSEMBLY**

[54] **ENSEMBLE CATHETER**

[72] VOGELBAUM, MICHAEL A., US

[72] CHEN, JI-FENG, US

[72] GAO, SHENGQIANG, US

[73] THE CLEVELAND CLINIC FOUNDATION, US

[85] 2012-09-07

[86] 2011-03-10 (PCT/US2011/027879)

[87] (WO2011/112800)

[30] US (61/312,401) 2010-03-10

[11] **2,793,110**
[13] C

[51] **Int.Cl. F16K 11/074 (2006.01) F16K 3/08 (2006.01) F16K 3/314 (2006.01) F16K 31/52 (2006.01)**

[25] EN

[54] **MIXING VALVE**

[54] **MELANGEUR**

[72] ROSKO, MICHAEL SCOT, US

[72] THOMAS, KURT JUDSON, US

[72] PINETTE, THOMAS C., US

[72] BARBER, JOSHUA R., US

[73] MASCO CORPORATION OF INDIANA, US

[86] (2793110)

[87] (2793110)

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[54] **A CASK**

[54] **TONNEAU**

[72] SAVAGE, NICK, GB

[72] KERMANI, ABDY, GB

[72] BEVERIDGE, JIM, GB

[73] DIAGEO GREAT BRITAIN LIMITED, GB

[85] 2012-09-26

[86] 2011-04-11 (PCT/GB2011/050707)

[87] (WO2011/128670)

[30] GB (1006278.4) 2010-04-15

[30] GB (1013486.4) 2010-08-11

[11] **2,794,947**
[13] C

[51] **Int.Cl. B64C 25/30 (2006.01) B64C 25/26 (2006.01) B64C 25/42 (2006.01)**

[25] FR

[54] **EMERGENCY MODE AIRCRAFT LANDING GEAR DEPLOYMENT PROCESS**

[54] **PROCEDE DE DEPLOIEMENT D'ATTERISSEURS D'AERONEF EN MODE SECOURS**

[72] FRANK, DAVID, FR

[73] MESSIER-BUGATTI-DOWTY, FR

[86] (2794947)

[87] (2794947)

[22] 2012-10-30

[30] FR (11 60214) 2011-11-09

[11] **2,795,186**
[13] C

[51] **Int.Cl. F16C 19/26 (2006.01) F16C 19/44 (2006.01) F16C 33/64 (2006.01) F16C 33/78 (2006.01) F16D 3/41 (2006.01)**

[25] EN

[54] **SHELL-TYPE NEEDLE BEARING AND CROSS-TYPE UNIVERSAL JOINT**

[54] **ROULEMENT A AIGUILLES DU TYPE COQUE ET JOINT DE CARDAN DU TYPE EN FORME DE CROIX**

[72] HIGUCHI, MASATO, JP

[72] WATANABE, EISHO, JP

[73] NSK LTD., JP

[85] 2012-10-01

[86] 2012-01-25 (PCT/JP2012/051555)

[87] (WO2012/102306)

[30] JP (2011-013845) 2011-01-26

[30] JP (2011-274112) 2011-12-15

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[13] C

[51] **Int.Cl. A47D 5/00 (2006.01) A47D 7/04 (2006.01) A47D 13/06 (2006.01)**

[25] EN

[54] **CHANGER ASSEMBLY AND PLAYARD WITH STOW-AWAY CHANGER**

[54] **ENSEMBLE DE TABLE A LANGER ET PARC DOTE D'UN DISPOSITIF DE TABLE A LANGER RETRACTABLE**

[72] GILLETT, MICHAEL H., US

[72] GILLETT, SHARON A., US

[72] PACELLA, JONATHAN M., US

[72] MOUNTZ, JONATHAN K., US

[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK

[86] (2795777)

[87] (2795777)

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[30] US (61/629,296) 2011-11-16

[11] **2,796,058**
[13] C

[51] **Int.Cl. C02F 1/24 (2006.01) B01D 17/02 (2006.01) B01D 19/00 (2006.01) B01F 5/04 (2006.01) B03D 1/24 (2006.01)**

[25] EN

[54] **A FLOTATION UNIT FOR PURIFYING WATER, SUCH AS A CFU (COMPACT FLOTATION UNIT)**

[54] **UNITE DE FLOTTATION POUR LA PURIFICATION DE L'EAU, TELLE QU'UNE UNITE DE FLOTTATION COMPACTE**

[72] RABE, KARSTEN, NO

[72] HARDLI, LARS, NO

[73] SCHLUMBERGER NORGE AS, NO

[85] 2012-10-10

[86] 2011-04-08 (PCT/IB2011/051527)

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[13] C

[51] **Int.Cl. A61L 15/22 (2006.01) A61L 15/60 (2006.01)**
[25] EN
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[54] **COMPOSITION ANTIMICROBIENNE COMPRENANT UN COMPOSANT HYDROPHILE**
[72] LOEWENHIELM, PETER, SE
[72] HOLMEN, MALIN, SE
[72] HANSSON, DENNIS, SE
[72] BERGSTRAND, SOFIA, SE
[72] ARESKOU, STEFAN, SE
[73] MOELNLYCKE HEALTH CARE AB, SE
[85] 2012-10-11
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[87] (WO2011/129759)
[30] US (61/323,926) 2010-04-14
[30] SE (1050367-0) 2010-04-14

[11] **2,796,512**
[13] C

[51] **Int.Cl. B03C 1/02 (2006.01)**
[25] EN
[54] **VERTICAL RING HIGH GRADIENT MAGNETIC SEPARATOR**
[54] **SEPARATEUR MAGNETIQUE DE GRADIENT ELEVE VERTICAL D'ANNEAU**
[72] WANG, ZHAOLIAN, CN
[72] ZHOU, YUZHOU, CN
[72] JIA, HONGLI, CN
[72] LIU, FENGLIANG, CN
[72] ZENG, LIANGLIANG, CN
[72] LIU, SHICHANG, CN
[73] SHANDONG HUATE MAGNET TECHNOLOGY CO., LTD, CN
[85] 2012-09-19
[86] 2011-11-21 (PCT/CN2011/082524)
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[30] CN (201110233277.5) 2011-08-15
[30] CN (201120295548.5) 2011-08-15

[11] **2,797,612**
[13] C

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[25] EN
[54] **WIPER BLADE**
[54] **BALAI D'ESSUIE-GLACE**
[72] KIM, IN KYU, KR
[72] NAM, KYUNG JONG, KR
[72] JEON, SANG JIN, KR
[72] KIM, KYUNG SU, KR
[73] THE KOREA DEVELOPMENT BANK, KR
[86] (2797612)
[87] (2797612)
[22] 2012-11-29
[30] KR (10-2011-0127918) 2011-12-01
[30] KR (10-2012-0073347) 2012-07-05

[11] **2,798,668**
[13] C

[51] **Int.Cl. B60N 2/14 (2006.01) B60W 50/12 (2012.01) B60N 2/44 (2006.01) B66C 13/54 (2006.01) B66F 9/075 (2006.01)**
[25] EN
[54] **SEAT REPOSITIONING DEVICE WITH RELEASE ON CONTROL HANDLE**
[54] **DISPOSITIF DE DEPLACEMENT DU SIEGE MUNI D'UNE POIGNEE DE COMMANDE LIBERABLE**
[72] BILLGER, STEVEN C., US
[72] GILLILAND, KEVIN A., US
[72] KAISER, ERIC J., US
[72] KLUVER, LEROY M., US
[72] POLLACK, JAY G., US
[72] PULSKAMP, STEVEN R., US
[72] THOBE, NICHOLAS D., US
[72] WINNER, DEAN E., US
[73] CROWN EQUIPMENT CORPORATION, US
[86] (2798668)
[87] (2798668)
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[30] US (10/948,495) 2004-09-23

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[13] C

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[25] EN
[54] **CLOTHES TREATING APPARATUS AND FILTER TECHNOLOGY**
[54] **APPAREIL DE TRAITEMENT DE VETEMENTS ET TECHNOLOGIE DE FILTRATION**
[72] KIM, DONGHYUN, KR
[72] KIM, JEONGYUN, KR
[72] LEE, YONGJU, KR
[72] NOH, HYUNWOO, KR
[72] LEE, SANGIK, KR
[73] LG ELECTRONICS INC., KR
[85] 2012-11-06
[86] 2011-05-04 (PCT/KR2011/003339)
[87] (WO2011/139092)
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[30] KR (10-2010-0042796) 2010-05-07
[30] KR (10-2010-0042780) 2010-05-07
[30] KR (10-2010-0042761) 2010-05-07
[30] KR (10-2010-0065803) 2010-07-08
[30] KR (10-2010-0069514) 2010-07-19
[30] KR (10-2010-0069515) 2010-07-19
[30] KR (10-2010-0082476) 2010-08-25
[30] KR (10-2010-0085896) 2010-09-02
[30] KR (10-2010-0085893) 2010-09-02

[11] **2,800,572**
[13] C

[51] **Int.Cl. B41J 2/175 (2006.01) B41F 31/00 (2006.01) B41J 2/045 (2006.01)**
[25] EN
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[54] **ALIMENTATION EN LIQUIDE**
[72] STATHEM, RALPH L., US
[72] DONNING, MARK C., US
[72] OLSEN, DAVID, US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2012-11-06
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[13] C

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[54] **ELASTOMERIC NANOCOMPOSITE MANUFACTURING**

[54] **FABRICATION D'UN NANOCOMPOSITE ELASTOMERIQUE**

[72] SOISSON, JOHN P., US

[72] CHEN, YUAN-JU, US

[72] WENG, WEIQING, US

[72] RODGERS, MICHAEL B., US

[72] WEBB, ROBERT N., US

[73] EXXONMOBIL CHEMICAL PATENTS INC., US

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[11] **2,800,826**
[13] C

[51] **Int.Cl. A01C 11/02 (2006.01)**

[25] EN

[54] **PICK-UP AND DELIVERY SYSTEM AND ASSOCIATED METHODS**

[54] **SYSTEME DE SAISIE ET DE DELIVRANCE ET PROCEDES ASSOCIES**

[72] RUBATINO, FREDRICK T., US

[72] TEODORO, MICHAEL W., US

[73] WEYERHAEUSER NR COMPANY, US

[85] 2012-11-26

[86] 2011-06-08 (PCT/US2011/039668)

[87] (WO2012/005858)

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[11] **2,801,280**
[13] C

[51] **Int.Cl. C01B 33/20 (2006.01) H01M 4/58 (2010.01)**

[25] EN

[54] **METHOD FOR PRODUCING LITHIUM-CONTAINING COMPOSITE OXIDE**

[54] **PROCEDE DE PRODUCTION D'UN OXYDE COMPLEXE CONTENANT DU LITHIUM**

[72] NISHIJIMA, MOTOAKI, JP

[72] OHIRA, KOJI, JP

[72] SUEKI, TOSHITSUGU, JP

[72] ESAKI, SHOUGO, JP

[72] TANAKA, ISAO, JP

[72] KOYAMA, YUKINORI, JP

[72] TANAKA, KATSUHISA, JP

[72] FUJITA, KOJI, JP

[72] MURAI, SHUNSUKE, JP

[73] SHARP KABUSHIKI KAISHA, JP

[85] 2012-11-30

[86] 2011-06-01 (PCT/JP2011/062599)

[87] (WO2011/152455)

[30] JP (2010-126504) 2010-06-02

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[30] JP (2010-126499) 2010-06-02

[11] **2,801,976**
[13] C

[51] **Int.Cl. F01C 1/00 (2006.01)**

[25] EN

[54] **METERING GEAR PUMP OR SEGMENT, AND METERING GEAR PUMP ASSEMBLY COMPRISING A PLURALITY OF METERING GEAR PUMPS OR SEGMENTS**

[54] **POMPE OU SEGMENT DE DOSAGE ET ENSEMBLE POMPE DE DOSAGE COMPRENANT UNE PLURALITE DE POMPES OU DE SEGMENTS DE DOSAGE**

[72] MCGUFFEY, GRANT, US

[73] ILLINOIS TOOL WORKS INC., US

[85] 2012-11-06

[86] 2011-03-30 (PCT/US2011/000564)

[87] (WO2011/146099)

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[13] C

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[54] **NON-PNEUMATIC TIRE**

[54] **PNEU NON GONFLABLE**

[72] VAN DE WIELE, HUGO, BE

[73] ARTIC INVESTMENTS S.A., LU

[85] 2012-12-13

[86] 2011-06-20 (PCT/EP2011/060227)

[87] (WO2011/157847)

[30] EP (10166541.2) 2010-06-18

[11] **2,802,657**
[13] C

[51] **Int.Cl. B65D 30/24 (2006.01) B32B 27/08 (2006.01) B65D 33/25 (2006.01) B65D 81/20 (2006.01)**

[25] EN

[54] **VACUUM VALVE AND METHOD OF MANUFACTURING THE SAME**

[54] **SOUPAPE A VIDE ET SON PROCEDE DE FABRICATION**

[72] SO, JAE-GWANG, KR

[72] KIM, KUM-JA, KR

[73] ROLLPACK CO., LTD., KR

[85] 2012-12-13

[86] 2011-05-25 (PCT/KR2011/003838)

[87] (WO2011/159036)

[30] KR (10-2010-0057083) 2010-06-16

[11] **2,803,977**
[13] C

[51] **Int.Cl. C10G 1/04 (2006.01) B01D 17/02 (2006.01) C10G 7/00 (2006.01) C10G 21/00 (2006.01)**

[25] EN

[54] **PROCESSES AND SYSTEMS FOR SOLVENT EXTRACTION OF BITUMEN FROM OIL SANDS**

[54] **PROCEDE ET SYSTEMES D'EXTRACTION AU SOLVANT DE BITUME A PARTIR DE SABLES BITUMINEUX**

[72] SPEIRS, BRIAN C., CA

[72] MYERS, RONALD D., CA

[73] IMPERIAL OIL RESOURCES LIMITED, CA

[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[86] (2803977)

[87] (2803977)

[22] 2010-12-10

[62] 2,724,806

[30] CA (2,689,469) 2009-12-30

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[11] **2,805,048**
[13] C

[51] **Int.Cl. G11C 11/4063 (2006.01) G11C 11/406 (2006.01) G11C 11/4076 (2006.01) G11C 11/4096 (2006.01)**

[25] EN

[54] **A HIGH SPEED DRAM ARCHITECTURE WITH UNIFORM ACCESS LATENCY**

[54] **ARCHITECTURE DRAM A HAUT DEBIT DOTE D'UNE CAPACITE D'ACCES UNIFORME**

[72] DEMONE, PAUL W., CA

[73] CONVERSANT INTELLECTUAL PROPERTY MANAGEMENT INC., CA

[86] (2805048)

[87] (2805048)

[22] 2001-06-29

[62] 2,414,920

[30] US (60/216,679) 2000-07-07

[30] CA (2,313,954) 2000-07-07

[11] **2,805,537**
[13] C

[51] **Int.Cl. B29C 63/18 (2006.01) A61F 2/95 (2013.01) A61F 2/82 (2013.01)**

[25] EN

[54] **STENT SHEATHING TECHNOLOGY**

[54] **TECHNOLOGIE DE GAINAGE D'ENDOPROTHESE**

[72] SEYLER, PAUL R., US

[72] MOTSENBOCKER, THOMAS, US

[72] BATTAGLIA, JAMES L., US

[73] MACHINE SOLUTIONS, INC., US

[86] (2805537)

[87] (2805537)

[22] 2005-11-02

[62] 2,585,888

[30] US (60/624,432) 2004-11-02

[11] **2,806,280**
[13] C

[51] **Int.Cl. B02C 23/08 (2006.01)**

[25] EN

[54] **PRODUCTION OF CLEAN GLASS PARTICLES FROM POST-CONSUMER WASTE**

[54] **FABRICATION DE PARTICULES DE VERRE PROPRE A PARTIR DE DECHETS POST-CONSOMMATION**

[72] ANDELA, CYNTHIA, US

[73] GLASS PROCESSING SOLUTIONS, LLC, US

[85] 2013-01-22

[86] 2011-07-22 (PCT/US2011/044944)

[87] (WO2012/018551)

[30] US (12/805,335) 2010-07-26

[11] **2,806,286**
[13] C

[51] **Int.Cl. C04B 5/00 (2006.01) C04B 5/06 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING STONE MATERIAL USING MOLTEN SLAG**

[54] **PROCEDE DE FABRICATION DE MATIERE PIERREUSE REDUCTRICE A L'AIDE DE LAITIER FONDU**

[72] WANG, QINGTAO, CN

[72] YU, XIANJIN, CN

[72] ZHAO, XIN, CN

[72] GONG, BENKUI, CN

[72] WEI, ZHENXIA, CN

[72] LI, YUEYUN, CN

[72] MING, JUN, CN

[73] SHANDONG COKING GROUP CO., LTD., CN

[85] 2013-01-22

[86] 2011-09-20 (PCT/CN2011/079894)

[87] (WO2012/041172)

[30] CN (201010293048.8) 2010-09-27

[11] **2,806,292**
[13] C

[51] **Int.Cl. C04B 38/02 (2006.01) C04B 5/00 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING FOAM MATERIAL USING MOLTEN SLAG**

[54] **PROCEDE DE FABRICATION D'UN MATERIAU ALVEOLE PAR UTILISATION D'UN LAITIER FONDU**

[72] WANG, QINGTAO, CN

[72] YU, XIANJIN, CN

[72] ZHAO, XIN, CN

[72] GONG, BENKUI, CN

[72] WEI, ZHENXIA, CN

[72] LI, YUEYUN, CN

[72] MING, JUN, CN

[73] SHANDONG COKING GROUP CO., LTD., CN

[85] 2013-01-22

[86] 2011-09-20 (PCT/CN2011/079896)

[87] (WO2012/041174)

[30] CN (201010293064.7) 2010-09-27

[11] **2,806,477**
[13] C

[51] **Int.Cl. G01N 33/66 (2006.01)**

[25] EN

[54] **DIAGNOSTIC TAPE CASSETTE, PARTICULARLY FOR BLOOD SUGAR TESTS**

[54] **CASSETTE DE RUBAN DE DIAGNOSTIC, EN PARTICULIER POUR DES TESTS DE GLYCEMIE**

[72] SACHERER, KLAUS-DIETER, DE

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

[86] (2806477)

[87] (2806477)

[22] 2007-08-21

[62] 2,741,488

[30] EP (06017404.2) 2006-08-22

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[11] **2,806,553**
[13] C

[51] **Int.Cl. F23Q 3/00 (2006.01) F23N 5/12 (2006.01) F23Q 9/00 (2006.01)**

[25] EN

[54] **IGNITOR SPARK STATUS INDICATOR**

[54] **INDICATEUR D'ETAT D'ETINCELLE D'ALLUMEUR**

[72] BOGUSZEWSKI, STANLEY, US

[72] CHASE, PAUL H., US

[73] ALSTOM TECHNOLOGY LTD, CH

[85] 2013-01-24

[86] 2011-07-12 (PCT/US2011/043627)

[87] (WO2012/015586)

[30] US (12/846,063) 2010-07-29

[11] **2,807,112**
[13] C

[51] **Int.Cl. F16L 55/163 (2006.01) F16L 55/162 (2006.01) F16L 55/164 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR HEAT CURING OF PIPE LINERS**

[54] **APPAREIL ET PROCEDE DE DURCISSEMENT THERMIQUE DE GAINES DE TUYAUX**

[72] D'HULSTER, GERALD, US

[72] GOULD, JAMES, US

[73] PERMA-LINER INDUSTRIES, LLC, US

[85] 2013-01-29

[86] 2011-08-01 (PCT/US2011/046159)

[87] (WO2012/016244)

[30] US (61/369,439) 2010-07-30

[11] **2,807,356**
[13] C

[51] **Int.Cl. H02S 20/32 (2014.01) F24J 2/38 (2014.01) F24J 2/52 (2006.01)**

[25] EN

[54] **AUTOMATIC SOLAR TRACKING ADJUSTMENT/CONTROL APPARATUS OF SOLAR GENERATION SYSTEM**

[54] **AJUSTEMENT DE POURSUITE D'ENERGIE SOLAIRE AUTOMATIQUE/APPAREIL DE COMMANDE DE SYSTEME GENERATEUR SOLAIRE**

[72] LUO, CHIA CHING, TW

[73] TOPPER SUN ENERGY TECHNOLOGY CO., LTD., TW

[86] (2807356)

[87] (2807356)

[22] 2013-02-22

[30] TW (101114440) 2012-04-23

[30] TW (101140712) 2012-11-02

[11] **2,808,030**
[13] C

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 39/08 (2006.01)**

[25] EN

[54] **PRESSURE SENSOR AND METHOD OF USE**

[54] **CAPTEUR DE PRESSION ET SON PROCEDE D'UTILISATION**

[72] HILLS, CHRIS, US

[72] STRINGHAM, MARK, US

[72] ALLEN, BLAKE, US

[73] ZEVEEX, INC., US

[85] 2013-02-05

[86] 2011-08-10 (PCT/US2011/047298)

[87] (WO2012/021656)

[30] US (61/372,822) 2010-08-11

[30] US (13/206,442) 2011-08-09

[11] **2,808,366**
[13] C

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

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB32AC13**

[54] **VARIETE DE SOYA XB32AC13 A HAUT RENDEMENT**

[72] CORBIN, THOMAS C., US

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

[86] (2808366)

[87] (2808366)

[22] 2013-03-06

[30] US (13/771,276) 2013-02-20

[11] **2,808,384**
[13] C

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

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB32AE13**

[54] **VARIETE DE SOYA XB32AE13 A HAUT RENDEMENT**

[72] STEIGER, DEBRA K., US

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

[86] (2808384)

[87] (2808384)

[22] 2013-03-06

[30] US (13/771,280) 2013-02-20

[11] **2,808,427**
[13] C

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

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB33U13**

[54] **VARIETE DE SOJA A HAUT RENDEMENT XB33U13**

[72] CORBIN, THOMAS C., US

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

[86] (2808427)

[87] (2808427)

[22] 2013-03-06

[30] US (13/771,217) 2013-02-20

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[11] **2,808,433**

[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) C11B 1/00 (2006.01) C12N 5/04 (2006.01) C12Q 1/68 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XR31AE13**
[54] **VARIETE DE SOJA A HAUT RENDEMENT XR31AE13**
[72] SCHNEBLY, STEVEN R., US
[72] SPEAR, JORDAN, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2808433)
[87] (2808433)
[22] 2013-03-06
[30] US (13/771,208) 2013-02-20

[11] **2,808,525**

[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB28R13**
[54] **VARIETE DE SOYA XB28R13 A HAUT RENDEMENT**
[72] KYLE, DONALD, US
[72] CORBIN, THOMAS C., US
[72] STREIT, LEON G., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2808525)
[87] (2808525)
[22] 2013-03-06
[30] US (13/771,237) 2013-02-20

[11] **2,808,529**

[13] C

- [51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/12 (2006.01)**
- [25] EN
[54] **SYSTEM AND METHOD FOR FLUID DIVERSION AND FLUID ISOLATION**
[54] **SYSTEME ET METHODE DE DERIVATION DE FLUIDE ET D'ISOLEMENT DE FLUIDE**
[72] ROGERS, HENRY E., US
[72] HOLDEN, STEVEN L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-02-12
[86] 2011-03-03 (PCT/GB2011/000298)
[87] (WO2011/107745)
[30] US (12/718,761) 2010-03-05

[11] **2,808,548**

[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB26AU13**
[54] **VARIETE DE SOYA XB26AU13 A HAUT RENDEMENT**
[72] KYLE, DONALD, US
[72] CORBIN, THOMAS C., US
[72] STREIT, LEON G., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2808548)
[87] (2808548)
[22] 2013-03-06
[30] US (13/771,225) 2013-02-20

[11] **2,808,553**

[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB29AA13**
[54] **VARIETE DE SOYA XB29AA13 A HAUT RENDEMENT**
[72] ALT, JESSIE LYNN, US
[72] STREIT, LEON G., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2808553)
[87] (2808553)
[22] 2013-03-06
[30] US (13/771,246) 2013-02-20

[11] **2,808,557**

[13] C

- [51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
- [25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB31AG13**
[54] **VARIETE DE SOYA XB31AG13 A HAUT RENDEMENT**
[72] STEIGER, DEBRA K., US
[72] CORBIN, THOMAS C., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2808557)
[87] (2808557)
[22] 2013-03-06
[30] US (13/771,259) 2013-02-20

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[11] **2,808,558**
[13] C

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

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XR31L13**

[54] **VARIETE DE SOYA XR31L13 A HAUT RENDEMENT**

[72] KYLE, DONALD, US

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

[86] (2808558)

[87] (2808558)

[22] 2013-03-06

[30] US (13/771,204) 2013-02-20

[11] **2,808,559**
[13] C

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

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB31C13**

[54] **VARIETE DE SOYA XB31C13 A HAUT RENDEMENT**

[72] KYLE, DONALD, US

[72] SALOIS, CATLYNN G., US

[72] STEIGER, DEBRA K., US

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

[86] (2808559)

[87] (2808559)

[22] 2013-03-06

[30] US (13/771,265) 2013-02-20

[11] **2,808,560**
[13] C

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

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XB29K13**

[54] **VARIETE DE SOYA XB29K13 A HAUT RENDEMENT**

[72] FORTH, KATHRYN ANNE, US

[72] STIEGER, DEBRA K., US

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

[86] (2808560)

[87] (2808560)

[22] 2013-03-06

[30] US (13/771,251) 2013-02-20

[11] **2,808,687**
[13] C

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

[25] EN

[54] **HIGH YIELDING SOYBEAN VARIETY XR33S13**

[54] **VARIETE DE SOYA XR33S13 A HAUT RENDEMENT**

[72] KYLE, DONALD, US

[72] SCHNEBLY, STEVEN R., US

[72] SPEAR, JORDAN, US

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

[86] (2808687)

[87] (2808687)

[22] 2013-03-06

[30] US (13/771,163) 2013-02-20

[11] **2,810,375**
[13] C

[51] **Int.Cl. G01L 1/24 (2006.01) G02B 6/024 (2006.01)**

[25] EN

[54] **PHASE MODULATOR, PHASE MODULATOR ASSEMBLY, AND PHOTENSOR**

[54] **MODULATEUR DE PHASE, ENSEMBLE DE MODULATEUR DE PHASE ET CAPTEUR OPTIQUE**

[72] SASAKI, KINICHI, JP

[72] TAKAHASHI, MASAO, JP

[72] HAMAGUCHI, MASAHIRO, JP

[72] MIYABE, TAKASHI, JP

[72] KUWABARA, TSUYOSHI, JP

[72] UMEMURA, TOKIHIRO, JP

[73] KABUSHIKI KAISHA TOSHIBA, JP

[73] TOSHIBA INDUSTRIAL PRODUCTS MANUFACTURING CORPORATION, JP

[86] (2810375)

[87] (2810375)

[22] 2009-01-09

[62] 2,711,784

[30] JP (2008-003540) 2008-01-10

[11] **2,810,495**
[13] C

[51] **Int.Cl. B01F 7/00 (2006.01) B01D 11/04 (2006.01) B01F 7/24 (2006.01) C22B 3/02 (2006.01) C22B 3/26 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR DISPERSING TWO SOLUTIONS IN EACH OTHER IN SOLVENT EXTRACTION**

[54] **DISPOSITIF ET PROCEDE DE DISPERSION DE DEUX SOLUTIONS L'UNE DANS L'AUTRE DANS L'EXTRACTION DE SOLVANTS**

[72] LILJA, LAUNO, FI

[72] HULTHOLM, STIG-ERIK, FI

[72] EKMAN, EERO, FI

[72] NYMAN, BROR, FI

[73] OUTOTEC OYJ, FI

[85] 2013-03-05

[86] 2011-09-15 (PCT/FI2011/050794)

[87] (WO2012/035207)

[30] FI (20100317) 2010-09-16

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10 février 2015**

[11] **2,810,658**
[13] C

[51] **Int.Cl. F21V 19/00 (2006.01)**
[25] EN
[54] **LED LIGHT BULB AND LED LIGHT-EMITTING STRIP BEING CAPABLE OF EMITTING 4.PI. LIGHT**

[54] **AMPOULE A DEL ET BANDE EMETTRICE DE LUMIERE A DEL CAPABLE D'EMETTRE UNE LUMIERE DE 4.PI.**

[72] GE, SHICHAO, CN
[72] LIU, HUABIN, CN
[72] GE, TIEHAN, CN
[73] ZHEJIANG LEDISON OPTOELECTRONICS CO., LTD., CN
[85] 2013-03-06
[86] 2011-09-01 (PCT/CN2011/079234)
[87] (WO2012/031533)
[30] CN (201010278760.0) 2010-09-08
[30] CN (201020617406.1) 2010-11-22
[30] CN (201020685204.0) 2010-12-29
[30] CN (201010610092.7) 2010-12-29
[30] CN (201120148206.0) 2011-05-11
[30] CN (201120148195.6) 2011-05-11
[30] CN (201120319651.9) 2011-08-29

[11] **2,811,065**
[13] C

[51] **Int.Cl. B63H 9/02 (2006.01)**
[25] EN
[54] **MAGNUS ROTOR**

[54] **ROTOR A EFFET MAGNUS**

[72] ROHDEN, ROLF, DE
[73] WOBLEN PROPERTIES GMBH, DE
[85] 2013-03-11
[86] 2011-08-31 (PCT/EP2011/064996)
[87] (WO2012/034861)
[30] DE (10 2010 040 917.0) 2010-09-16

[11] **2,812,910**
[13] C

[51] **Int.Cl. C07D 401/10 (2006.01) C07D 235/18 (2006.01) C07D 401/14 (2006.01) C07D 471/04 (2006.01)**

[25] EN
[54] **METHOD OF PREPARING BENZOIMIDAZOLE DERIVATIVES**

[54] **PROCEDE DE PREPARATION DE DERIVES DE BENZOIMIDAZOLE**

[72] KIM, IN WOO, KR
[72] KIM, JI DUCK, KR
[72] YOON, HONG CHUL, KR
[72] YOON, HEE KYOON, KR
[72] LEE, BYUNG GOO, KR
[72] LEE, JOON HWAN, KR
[72] LIM, YOUNG MOOK, KR
[72] CHOI, SOO JIN, KR
[73] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[85] 2013-03-27
[86] 2011-09-27 (PCT/KR2011/007109)
[87] (WO2012/044043)
[30] KR (10-2010-0093818) 2010-09-28

[11] **2,814,302**
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[51] **Int.Cl. C12P 5/02 (2006.01) B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/62 (2006.01) C12M 1/00 (2006.01) C12P 3/00 (2006.01)**

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[54] **METHODS AND APPARATUSES FOR PRODUCING BIOGASES**

[54] **PROCEDES ET APPAREILS POUR PRODUIRE DES BIOGAZ**

[72] RIVARD, PIERRE, CA
[73] RIVARD, PIERRE, CA
[85] 2013-04-30
[86] 2011-11-01 (PCT/CA2011/001215)
[87] (WO2012/058755)
[30] US (61/410,699) 2010-11-05

[11] **2,815,296**
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[25] EN
[54] **SMB PROCESS**

[54] **PROCEDE SMB**

[72] KELLIHER, ADAM, GB
[72] MORRISON, ANGUS, GB
[72] OROSKAR, ANIL, US
[72] NAIR REMA, RAKESH VIKRAMAN, US
[72] AGARWAL, ABHILESH, US
[73] BASF PHARMA (CALLANISH) LIMITED, GB
[85] 2013-04-19
[86] 2012-07-06 (PCT/GB2012/051591)
[87] (WO2013/005046)
[30] GB (1111601.9) 2011-07-06

[11] **2,815,302**
[13] C

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[25] EN
[54] **IMPROVED SMB PROCESS**

[54] **PROCEDE SMB AMELIORE**

[72] KELLIHER, ADAM, GB
[72] MORRISON, ANGUS, GB
[72] OROSKAR, ANIL, US
[72] NAIR REMA, RAKESH VIKRAMAN, US
[72] AGARWAL, ABHILESH, US
[73] BASF PHARMA (CALLANISH) LIMITED, GB
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[87] (WO2013/005052)
[30] GB (1111591.2) 2011-07-06

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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/14 (2006.01) A61M 5/158 (2006.01) A61M 5/172 (2006.01) A61M 39/10 (2006.01)**

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[54] **ALIGNMENT AND CONNECTION SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCÉDES D'ALIGNEMENT ET DE CONNEXION**

[72] CHONG, COLIN A., US

[72] BIKOVSKY, RAFAEL, US

[72] QUITOVIERA, NEIL ANDRE, US

[72] IBRANYAN, ARSEN, US

[72] YAVORSKY, MATTHEW WILLIAM, US

[72] ALEXANDER, MONA-LISA, US

[73] MEDTRONIC MINIMED, INC., US

[85] 2013-04-23

[86] 2011-12-21 (PCT/US2011/066501)

[87] (WO2012/088277)

[30] US (12/974,106) 2010-12-21

[11] **2,815,860**
[13] C

[51] **Int.Cl. E21B 7/08 (2006.01) E21B 23/12 (2006.01)**

[25] EN

[54] **COMBINATION WHIPSTOCK AND COMPLETION DEFLECTOR**

[54] **SYSTEME COMBINE DE SIFFLET DEVIATEUR ET DE DEFLECTEUR DE CONDITIONNEMENT**

[72] STEELE, DAVID JOE, US

[72] DESHMUKH, ADITYA SHAILESH, US

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-04-24

[86] 2011-11-02 (PCT/US2011/058905)

[87] (WO2012/061465)

[30] US (12/939,223) 2010-11-04

[11] **2,816,828**
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[54] **METHOD AND APPARATUS FOR STERILIZING INFECTIOUS MATERIAL**

[54] **PROCEDE ET APPAREIL DE STERILISATION DE MATIERES INFECTIEUSES**

[72] MARKS, DANIEL B., US

[72] FLUCHEL, DONALD G., US

[72] KARA, ARDA, US

[73] PROGRESSIVE RECOVERY, INC., US

[85] 2013-05-02

[86] 2011-10-20 (PCT/US2011/057093)

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[30] US (13/277,643) 2011-10-20

[11] **2,817,249**
[13] C

[51] **Int.Cl. C07D 249/12 (2006.01) A61K 31/4196 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **POLYMORPHIC FORMS OF 2-(5-BROMO-4-(4-CYCLOPROPYLNAPHTHALEN-1-YL)-4H-1,2,4-TRIAZOL-3-YLTHIO) ACETIC ACID AND USES THEREOF**

[54] **FORMES POLYMORPHES DE L'ACIDE 2-(5-BROMO-4-(4-CYCLOPROPYLNAPHTALEN-1-YL)-4H-1,2,4-TRIAZOL-3-YLTHIO) ACETIQUE ET LEURS UTILISATIONS**

[72] GALVIN, GABRIEL, US

[72] TREIBER, LASZLO, R., US

[72] ZAMANSKY, IRINA, US

[72] GIRARDET, JEAN-LUC, US

[73] ARDEA BIOSCIENCES, INC., US

[85] 2013-05-07

[86] 2011-12-28 (PCT/US2011/067657)

[87] (WO2012/092395)

[30] US (61/428,660) 2010-12-30

[11] **2,817,810**
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[25] EN

[54] **ELIMINATION OF SHRINKAGE CAVITY IN CAST INGOTS**

[54] **ELIMINATION DE LA CAVITE DE RETRAIT DANS DES LINGOTS COULES**

[72] ANDERSON, MARK, US

[72] BISCHOFF, TODD F., US

[72] BOORMAN, JAMES, US

[72] FENTON, WAYNE J., US

[72] SINDEN, DAVID, US

[72] TINGEY, JOHN STEVEN, US

[72] WAGSTAFF, ROBERT BRUCE, US

[73] NOVELIS INC., CA

[85] 2013-05-13

[86] 2011-12-21 (PCT/CA2011/050790)

[87] (WO2012/083452)

[30] US (61/460,029) 2010-12-22

[11] **2,818,530**
[13] C

[51] **Int.Cl. B25G 3/02 (2006.01) B25G 1/10 (2006.01) B25G 3/04 (2006.01) B25G 3/26 (2006.01)**

[25] EN

[54] **ERGONOMIC TOOL HANDLE ENHANCEMENT**

[54] **PERFECTIONNEMENT A UNE POIGNEE D'OUTIL ERGONOMIQUE**

[72] LEE, SUNG K., US

[73] SUPREME INVENTION, INC., US

[85] 2013-05-17

[86] 2011-12-14 (PCT/US2011/065000)

[87] (WO2012/082958)

[30] US (61/422,811) 2010-12-14

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[13] C

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[25] EN
[54] **MOBILE COMMUNICATION METHOD, SUBSCRIBER MANAGEMENT SERVER, AND MOBILITY MANAGEMENT NODE**
[54] **PROCEDE DE COMMUNICATION MOBILE, SERVEUR DE GESTION D'ABONNE ET NŒUD DE GESTION DE MOBILITE**
[72] HAPSARI, WURI
ANDARMAWANTI, JP
[72] TAKAHASHI, HIDEAKI, JP
[73] NTT DOCOMO, INC., JP
[85] 2013-05-28
[86] 2011-11-17 (PCT/JP2011/076550)
[87] (WO2012/073716)
[30] JP (2010-267205) 2010-11-30

[11] **2,821,234**
[13] C

[51] **Int.Cl. A47L 5/30 (2006.01) A47L 9/04 (2006.01) A47L 9/12 (2006.01) A47L 9/14 (2006.01) A47L 9/22 (2006.01) A47L 9/28 (2006.01) A47L 9/32 (2006.01)**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] GREY, NICHOLAS GERALD, GB
[73] GREY TECHNOLOGY LIMITED, GB
[85] 2013-06-11
[86] 2011-12-21 (PCT/GB2011/052542)
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[11] **2,824,169**
[13] C

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHOD FOR FRACTURING A FORMATION USING A FRACTURING FLUID MIXTURE**
[54] **PROCEDE POUR FRACTURER UNE FORMATION A L'AIDE D'UN MELANGE DE FLUIDES DE FRACTURATION**
[72] NEVISON, GRANT W., CA
[73] MILLENNIUM STIMULATION SERVICES LTD., CA
[85] 2013-07-09
[86] 2011-10-03 (PCT/CA2011/001112)
[87] (WO2012/097424)
[30] US (61/433,441) 2011-01-17

[11] **2,825,457**
[13] C

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[25] EN
[54] **SECURE RESET OF PERSONAL AND SERVICE PROVIDER INFORMATION ON MOBILE DEVICES**
[54] **REINITIALISATION SECURISEE D'INFORMATIONS PERSONNELLES ET DE FOURNISSEURS DE SERVICES SUR DES APPAREILS MOBILES**
[72] WALL, JONATHAN, US
[72] VON BEHREN, ROB, US
[73] GOOGLE INC., US
[85] 2013-08-02
[86] 2013-04-05 (PCT/US2013/035521)
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[30] US (61/621,081) 2012-04-06
[30] US (13/547,029) 2012-07-11

[11] **2,829,436**
[13] C

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/16 (2006.01)**
[25] EN
[54] **USE OF SWELLABLE MATERIAL IN AN ANNULAR SEAL ELEMENT TO PREVENT LEAKAGE IN A SUBTERRANEAN WELL**
[54] **UTILISATION D'UNE MATIERE GONFLABLE DANS UN ELEMENT D'ETANCHEITE ANNULAIRE POUR EMPECHER TOUTE FUITE DANS UN Puits SOUTERRAIN**
[72] WEBB, EARL, US
[72] ALLISON, DAVID B., US
[72] SEVRE, ALF K., US
[72] MACDONALD, MICHAEL, US
[72] BOZEMAN, TIMOTHY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2829436)
[87] (2829436)
[22] 2009-11-16
[62] 2,743,638
[30] US (12/276,790) 2008-11-24

[11] **2,829,702**
[13] C

[51] **Int.Cl. C12P 5/00 (2006.01) C01B 31/18 (2006.01) C07C 1/02 (2006.01) C10L 1/02 (2006.01) C12M 1/04 (2006.01) C12P 5/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR THE PRODUCTION OF HYDROCARBON PRODUCTS**
[54] **PROCEDES ET SYSTEMES POUR PRODUIRE DES PRODUITS HYDROCARBONES**
[72] SCHULTZ, MICHAEL, US
[72] OBERN, JAMES, US
[72] SIMPSON, SEAN, NZ
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[86] (2829702)
[87] (2829702)
[22] 2011-10-21
[62] 2,789,330
[30] US (61/405,854) 2010-10-22
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[30] NZ (NZ589700) 2010-12-03
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[11] **2,829,986**
[13] C

[51] **Int.Cl. G01R 31/28 (2006.01) G01R 1/073 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE AUTOMATED TESTING AND VALIDATION OF ELECTRONIC COMPONENTS**
[54] **APPAREIL POUR LE TEST ET LA VALIDATION AUTOMATISES DE COMPOSANTS ELECTRONIQUES**
[72] RASHIDZADEH, RASHID, CA
[72] KANDALAFT, NABEEH, CA
[72] AHMADI, MAJID, CA
[73] UNIVERSITY OF WINDSOR, CA
[85] 2013-09-12
[86] 2012-03-07 (PCT/CA2012/000214)
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[30] US (61/457,404) 2011-03-21

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[13] C

[51] **Int.Cl. C08L 79/02 (2006.01) C08J 5/24 (2006.01) C08L 1/02 (2006.01)**
[25] EN
[54] **FLEXIBLE, SEMICONDUCTING NANOCOMPOSITE MATERIALS BASED ON NANOCRYSTALLINE CELLULOSE AND POLYANILINE**
[54] **MATERIAUX NANOCOMPOSITES SEMI-CONDUCTEURS, FLEXIBLES, A BASE DE CELLULOSE NANOCRYSTALLINE ET DE POLYANILINE**
[72] HAMAD, WADOOD YASSER, CA
[72] ATIFI, SIHAM, CA
[73] FPINNOVATIONS, CA
[85] 2013-09-24
[86] 2012-03-28 (PCT/CA2012/000281)
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[11] **2,832,153**
[13] C

[51] **Int.Cl. F02C 7/32 (2006.01) B64D 41/00 (2006.01) F01D 15/10 (2006.01) F01D 25/18 (2006.01) F02C 7/00 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **GENERATING DEVICE FOR AIRCRAFT**
[54] **APPAREIL GENERATEUR POUR AERONEF**
[72] GOI, TATSUHIKO, JP
[72] TANAKA, KENICHIRO, JP
[72] WATANABE, KOJI, JP
[72] FUJII, ISAO, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2013-10-02
[86] 2012-04-04 (PCT/JP2012/059246)
[87] (WO2012/137843)
[30] JP (2011-085428) 2011-04-07

[11] **2,836,378**
[13] C

[51] **Int.Cl. B60P 1/00 (2006.01)**
[25] EN
[54] **FOLDING VEHICLE STAIRCASE**
[54] **ESCALIER PLIANT POUR VEHICULES**
[72] KLASSEN, FRANK, CA
[73] KLASSEN, FRANK, CA
[86] (2836378)
[87] (2836378)
[22] 2013-12-12
[30] US (14/102,599) 2013-12-11

[11] **2,844,496**
[13] C

[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **SUPPORTING DOWNLINK, DL, TRIGGERED CQI FEEDBACK ON THE HS-DPCCH CHANNEL IN A CELL IN CELL_FACH STATE**
[54] **SUPPORT DE RETROACTION D'INDICATEUR DE QUALITE DE CANAL (CQI) DECLENCHEE PAR LIAISON DESCENDANTE, DL, SUR UN CANAL HS-DPCCH DANS UNE CELLULE DANS L'ETAT FACH D'UNE CELLULE**
[72] MOHAN, SIDDHARTH, US
[72] SAMBHWANI, SHARAD DEEPAK, US
[72] AGARWAL, RAVI, US
[72] KAPOOR, ROHIT, US
[72] BHARADWAJ, ARJUN, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-06
[86] 2012-08-14 (PCT/US2012/050756)
[87] (WO2013/025694)
[30] US (61/523,774) 2011-08-15
[30] US (61/556,662) 2011-11-07
[30] US (61/646,150) 2012-05-11
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[11] **2,844,937**
[13] C

[51] **Int.Cl. H04B 7/01 (2006.01) H04W 56/00 (2009.01) H04B 1/76 (2006.01)**
[25] EN
[54] **PHASE CORRECTION FOR OFDM AND MIMO TRANSMISSIONS**
[54] **CORRECTION DE PHASE POUR TRANSMISSIONS OFDM ET MIMO**
[72] WALTON, J. RODNEY, US
[72] WALLACE, MARK S., US
[72] MEDVEDEV, IRINA, US
[72] HOWARD, STEVEN J., US
[73] QUALCOMM INCORPORATED, US
[86] (2844937)
[87] (2844937)
[22] 2007-05-22
[62] 2,650,431
[30] US (60/802,632) 2006-05-22

[11] **2,845,162**
[13] C

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[25] EN
[54] **FUNGICIDAL COMPOSITION COMPRISING ONE OR MORE FUNGICIDES AND A SAFENER**
[54] **COMPOSITION FONGICIDE COMPORTANT UN OU PLUSIEURS FONGICIDES ET UN PHYTOPROTECTEUR**
[72] FISCHER, REINER, DE
[72] DAHMEN, PETER, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[73] BAYER CROPSCIENCE AG, DE
[86] (2845162)
[87] (2845162)
[22] 2005-09-29
[62] 2,583,307
[30] DE (10 2004 049 041.4) 2004-10-08

[11] **2,847,960**
[13] C

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[25] EN
[54] **PROCESSES FOR PREPARATION OF OIL COMPOSITIONS**
[54] **PROCEDES DE PREPARATION DE COMPOSITIONS D'HUILE**
[72] ARHANCET, JUAN P., US
[72] HEISE, JERALD D., US
[72] MAKADIA, VALLABH, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2847960)
[87] (2847960)
[22] 2005-11-04
[62] 2,586,218
[30] US (60/625,506) 2004-11-04
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[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME DE TRAITEMENT D'INFORMATIONS**
[72] NISHIOKA, YUHEI, JP
[73] RAKUTEN, INC., JP
[85] 2013-11-18
[86] 2013-02-28 (PCT/JP2013/055503)
[87] (WO2014/020929)
[30] JP (2012-169503) 2012-07-31

[11] **2,848,937**
[13] C

[51] **Int.Cl. G01S 19/10 (2010.01) H04W 4/02 (2009.01) H04W 84/18 (2009.01) H04W 88/02 (2009.01) G01S 19/12 (2010.01) G01S 19/48 (2010.01) G01S 5/02 (2010.01) G08B 21/22 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR GEOLOCATING AN INDIVIDUAL WITH RESPECT TO A PERIMETER**
[54] **APPAREILS ET PROCEDES DE GEOLOCALISATION D'UNE PERSONNE PAR RAPPORT A UN PERIMETRE**
[72] MESSIER, YVES, CA
[72] FAMA, ANTONIO, CA
[72] MILLER, BRIAN, CA
[72] GERVAIS, FRANCOIS, CA
[72] BARON, JEROME, CA
[72] MARQUIS, PATRICK-OLIVIER, CA
[73] ILOC TECHNOLOGIES INC., CA
[85] 2014-03-17
[86] 2013-04-10 (PCT/CA2013/050285)
[87] (WO2013/159217)
[30] US (61/637,610) 2012-04-24
[30] US (61/717,800) 2012-10-24

[11] **2,852,977**
[13] C

[51] **Int.Cl. C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) C13K 1/02 (2006.01) D21C 1/04 (2006.01) D21C 1/06 (2006.01) D21C 1/10 (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] (2852977)
[87] (2852977)
[22] 2007-10-26
[62] 2,823,439
[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] **2,853,790**
[13] C

[51] **Int.Cl. H04L 12/66 (2006.01)**
[25] EN
[54] **INTERNET PROTOCOL (IP) ADDRESS TRANSLATION**
[54] **TRADUCTION D'ADRESSES DE PROTOCOLE INTERNET (IP)**
[72] DONLEY, CHRISTOPHER J., US
[72] GRUNDEMANN, CHRISTOPHER, US
[72] SARAWAT, VIKAS, US
[73] CABLE TELEVISION LABORATORIES, INC., US
[85] 2014-04-28
[86] 2012-10-31 (PCT/US2012/062731)
[87] (WO2013/066969)
[30] US (13/285,676) 2011-10-31

[11] **2,854,210**
[13] C

[51] **Int.Cl. B22D 15/04 (2006.01) B22D 30/00 (2006.01)**
[25] EN
[54] **COOLING OF CHILL MOLDS USING BAFFLES**
[54] **REFROIDISSEMENT DE MOULES DE REFROIDISSEMENT AU MOYEN DE DEFLECTEURS**
[72] TROVANT, MICHAEL, CA
[72] BROWN, LUCAS ALEXANDER, CA
[72] CESTA, TONY, CA
[72] STOKMAN-CONNELL, KATHARINE ELIZABETH, CA
[72] MCCAFFREY, FELIM PATRICK, CA
[73] HATCH LTD., CA
[85] 2014-05-01
[86] 2012-11-05 (PCT/CA2012/001019)
[87] (WO2013/063693)
[30] US (61/555,522) 2011-11-04

[11] **2,857,072**
[13] C

[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **INSTRUMENT DOCKING PORTS FOR TRANS-ENDOSCOPIC AND LAPAROSCOPIC SURGERY ACCESS PORTS**
[54] **ORIFICES D'ACCUEIL D'INSTRUMENTS POUR ORIFICES D'ACCES DE CHIRURGIE TRANS-ENDOSCOPIQUES ET LAPAROSCOPIQUES**
[72] AMSON, BRADLEY, CA
[72] TANG, BAO, CA
[73] TANAM MEDICAL INC., CA
[86] (2857072)
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[22] 2014-02-24
[62] 2,843,679

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[13] C

[51] **Int.Cl. A01N 37/46 (2006.01) A01N 43/48 (2006.01)**
[25] EN
[54] **METHOD FOR PROTECTING PHYTOPATHOGENIC AGENTS BY KIRALAXYL, THE USE THEREOF AND USED SUBSTANCES**
[54] **PROCEDE POUR ASSURER UNE PROTECTION CONTRE LES AGENTS PHYTOPATHOGENES AU MOYEN DE KIRALAXYL, UTILISATION CORRESPONDANTE, ET SUBSTANCES A CET EFFET**
[72] GEWEHR, MARKUS, DE
[72] BURGERS, JAN WILLEM, DE
[72] WILHELM, RONALD, DE
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[54] **COMMUNICATION SANS FIL BIDIRECTIONNELLE SIMULTANEE MONOCANAL**
[72] SARCA, OCTAVIAN, CA
[73] REDLINE COMMUNICATIONS INC., CA
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[54] **MEMBRANES ECHANGEUSE D'IONS SELECTIVEMENT PERMEABLES A DES IONS SPECIFIQUES**
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[73] SALTWORKS TECHNOLOGIES INC., CA
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[54] **METHODS AND DEVICES
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PACKAGING AND DISPLAY**
[54] **PROCEDES ET DISPOSITIFS LIES
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[72] CARROLL, OWEN, CA
[71] DECOR GRATES INCORPORATED,
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[54] **METHOD TO USE A STABLE
FOAM COMPOSED OF BUBBLES
OF VARIOUS
FOOD/SUPPLEMENT/COSMETIC/
PHARMACEUTICAL
SUBSTANCES TO INCREASE THE
BIO-AVAILABILITY OF
OTHERWISE INERT
MOLECULAR HYDROGEN GAS
FOR MEDICALLY USEFUL
HEALTH MAINTENANCE,
HEALTH PROMOTION, ANTI-
AGING AND GENERALIZED
DISEASE PROCESS
INTERFERENCE PURPOSES IN
BIOLOGICAL LIVING SYSTEMS
IN A MANNER WHICH...**
[54] **PROCEDE VISANT A UTILISER
UNE MOUSSE STABLE
COMPOSEE DE BULLES DE
DIVERSES SUBSTANCES
ALIMENTAIRES,
COMPLEMENTAIRES,
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PHARMACEUTIQUES POUR
AUGMENTER LA
BIODISPONIBILITE DE
L'HYDROGENE GAZEUX
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[54] **STRUCTURE DE FIXATION
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[72] SU, YUCHE, TW
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[54] **AMELIORATION DE CLASSEMENT DE RECHERCHE LOCAL AU MOYEN D'UN MODELE DE TYPHON**
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[54] **STRATIFIE DE METAL ET DE GRANITE**
[72] ARBESMAN, RAY, CA
[72] PHAM, NGHI, CA
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[72] JANG, JUN KYU J. K. J., CA
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[54] **BIRD SCARING DEVICE AND SYSTEM FOR USING**
[54] **DISPOSITIF DESTINE A EFFAROUCHER LES OISEAUX ET SON SYSTEME D~UTILISATION**
[72] WAMBOLT, STEVE, CA
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[54] **OUTIL DE REGLAGE DE TENSION**
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[54] **SYSTEME DE MESURE SPECTROSCOPIQUE ACTIVE PAR EFFILEMENT DE FIBRE**
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[72] O'REGAN, ROBERT JAMES BENNET, CA
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[72] ROMANO, CHRISTOPHER M., US
[72] REMMELE, THOMAS E., US
[71] VINESS, TERRY L., US
[71] ROMANO, CHRISTOPHER M., US
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[54] **PROCEDE DE COMMUNICATION DE MODIFICATIONS DANS UNE BASE DE DONNEES PRINCIPALE VERS UNE APPLICATION CLIENT**
[72] LATROUS, YOUSSEF, CA
[72] BUCKINGHAM, RONALD BRETT, CA
[72] TUPJA, RAVIK, CA
[71] BROADVIEW NETWORKS, INC., US
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[54] **OUTIL POUR ECROUS DE ROUE**
[72] LINDHE, TIM, CA
[71] LINDHE, TIM, CA
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[54] **AIR HEATER SYSTEMS AND CONTROL METHODS**
[54] **SYSTEMES DE CHAUFFAGE D'AIR ET PROCEDES DE COMMANDE**
[72] JAMESON, JULIAN, CA
[71] JAMESON, JULIAN, CA
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[54] **DESSUS DE RECIPIENT DE CUISSON EMPECHANT LE DEBORDEMENT DES LIQUIDES EN EBULLITION**
[72] HARECKER, ARMIN, CA
[71] PRODUCT SPECIALTIES INC., CA
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[54] **DISPOSITIF DE RATTRAPAGE DE JEU A ROCHET**
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[72] MCGURTY, LISA M., US
[72] WERT, BRYAN DAVID, US
[72] STRAWN, THOMAS MAXWELL, US
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[54] **METHODE ET SYSTEME DE GESTION DE PHOTOS**
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[72] KEAST, LESLIE A., CA
[71] REM TECHNOLOGY INC., CA
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[71] CASTEGNIER, GUY, CA
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[54] **SYSTEME DE SURVEILLANCE DE PILOTES DE TELEPHONE INTELLIGENT GDUTM**
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[72] WIACEK, MARCIN, CA
[71] 7179651 CANADA INC., CA
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[54] **FEUILLE DE SCELLEMENT POUR FERMER UNE FEUILLE DEFINISSANT UN CONTENANT RECONFIGURABLE ENTRE DIFFERENTES POSOLOGIES**
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[72] BOUTHLETTE, ETIENNE, CA
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[72] JOVANOVIC, ALEKSANDAR, RS
[71] 7680597 CANADA INC., CA
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[71] RV GOLF CLUB, US
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[54] **CASQUE AVEC MENTONNIERE**
[72] BEAUCHAMP, PIERRE-LUC, CA
[72] LEFEBVRE, MICHEL, CA
[72] LEFEBVRE, PATRICK, CA
[72] MORIN, SEBASTIEN, CA
[71] SPORT MASKA INC., CA
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[54] **IMPROVEMENTS TO TENSION SYSTEMS FOR FLEXIBLE ROOFS**
[54] **AMELIORATIONS AUX SYSTEMES DE TENSION POUR TOITS FLEXIBLES**
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[71] PETERS, JOSHUA, US
[71] DYCK, PEDRO N., CA
[71] ALVAREZ, NAVIL M., MX
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[54] **AMELIORATIONS APPORTEES AUX SYSTEMES DE TENSION POUR TOITS FLEXIBLES**
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[71] PETERS, JOSHUA, US
[71] DYCK, PEDRO N., CA
[71] ALVAREZ, NAVIL M., MX
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[54] **BOITIER COUDE REGLABLE POUR TRAIN DE TIGES DIRECTIONNEL**
[72] ROBERTS, PAUL DONALD, US
[72] LAGRANGE, TIMOTHY EDWARD, US
[71] ROBERTS, PAUL DONALD, US
[71] LAGRANGE, TIMOTHY EDWARD, US
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[71] IDEAL SANITARY WARE CO., LTD., CN
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[72] JEBRAN, NASSIM, CA
[72] MAZZULLO, LOUIE, CA
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[72] BASKOVIC, BERNARD, CA
[71] 2397593 ONTARIO INC., CA
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[54] **MARCHE POUR ATTELAGE EN PLASTIQUE MOULEE PAR INJECTION**
[72] MASANEK, FREDERICK W., JR., US
[72] MACNEIL, DAVID F., US
[71] MACNEIL IP LLC, US
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[54] **DOOR ASSEMBLY**
[54] **ENSEMBLE DE PORTE**
[72] WEI, WUXIANG, CN
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[25] EN
[54] **AIR SUSPENSION PRESSURE DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE DE PRESSION DE SUSPENSION PNEUMATIQUE**
[72] ROBERTS, BYRON W., CA
[71] QUESTAR VENTURES INC., CA
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[71] INTERLOOP LIMITED, PK
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[30] US (14/134,975) 2013-12-19

[21] **2,847,934**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 20/20 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SALES AND INVENTORY MANAGEMENT**
[54] **SYSTEMES ET PROCEDES POUR GESTION DES VENTES ET DES STOCKS**
[72] GREEN, ERIC, CA
[72] SHERMAN, NEAL, CA
[71] ASKUIITY INC., CA
[22] 2014-04-01
[41] 2015-01-29
[30] US (61/859,499) 2013-07-29

[21] **2,849,838**
[13] A1

[51] **Int.Cl. A62D 3/33 (2007.01) B09B 3/00 (2006.01) C09K 15/34 (2006.01) C09D 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATMENT OF HAZARDOUS PAINT RESIDUE WITH NON-SEPARATING, NON-EMBEDDING, NON-TOXIC, COMPATIBLE, DRY STABILIZER AND BLAST MEDIA PRE-BLEND**
[54] **PROCEDE DE TRAITEMENT DE RESIDUS DE PEINTURE DANGEREUX AU MOYEN D-UN PRE-MELANGE DE MILIEU DE SOUFFLAGE ET DE STABILISATEUR SEC SANS SEPARATION, NON ENROBANT, NON TOXIQUE ET COMPATIBLE**
[72] FORRESTER, KEITH E., US
[71] FORRESTER, KEITH E., US
[22] 2014-04-24
[41] 2015-01-25
[30] US (13/951,126) 2013-07-25

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[21] **2,851,017**
[13] A1

[51] **Int.Cl. A47C 7/40 (2006.01) A47C 1/024 (2006.01)**
[25] EN
[54] **A CHAIR WITH A PIVOTING BACKREST**
[54] **CHAISE A DOSSIER PIVOTANT**
[72] PIRETTI, GIANCARLO, IT
[71] PRO-CORD S.P.A., IT
[22] 2014-05-08
[41] 2015-01-31
[30] IT (T02013A000650) 2013-07-31

[21] **2,851,107**
[13] A1

[51] **Int.Cl. H04B 10/27 (2013.01) H04B 10/29 (2013.01) B64D 47/00 (2006.01) G02B 6/26 (2006.01)**
[25] EN
[54] **PLASTIC OPTICAL FIBER BUS NETWORK**
[54] **RESEAU DE FIBRES OPTIQUES EN PLASTIQUE DE TYPE BUS**
[72] CHAN, ERIC Y., US
[72] KOSHINZ, DENNIS G., US
[72] TRUONG, TUONG K., US
[72] PANG, HENRY B., US
[71] THE BOEING COMPANY, US
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[41] 2015-01-30
[30] US (13/954,674) 2013-07-30

[21] **2,851,420**
[13] A1

[51] **Int.Cl. B64C 1/10 (2006.01)**
[25] EN
[54] **NATURAL-PATH TEARSTRAPS AND STIFFENERS FOR SPHERICAL OR NEAR-SPHERICAL COMPOSITE PRESSURE BULKHEADS**
[54] **ATTACHES A DECHIRER DE FORME NATURELLE ET RAIDISSEURS POUR CLOISONS DE COMPRESSION FAITE D-UN MATERIAU COMPOSE SPHERIQUES OU QUASI SPHERIQUES**
[72] ROSMAN, RICHARD R., US
[72] CAMPANA, JOSEPH H., US
[71] THE BOEING COMPANY, US
[22] 2014-05-12
[41] 2015-01-30
[30] US (13/954145) 2013-07-30

[21] **2,851,946**
[13] A1

[51] **Int.Cl. G01N 27/414 (2006.01)**
[25] EN
[54] **PH SENSOR WITH BONDING AGENT DISPOSED IN A PATTERN**
[54] **CAPTEUR DE PH AVEC AGENT DE LIAISON DISPOSE SELON UN MOTIF**
[72] HORKHEIMER, DONALD, US
[72] FECHNER, PAUL S., US
[72] WILLITS, DAVID S., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2014-05-12
[41] 2015-01-29
[30] US (13/952,879) 2013-07-29

[21] **2,851,954**
[13] A1

[51] **Int.Cl. G01N 27/414 (2006.01)**
[25] EN
[54] **PH SENSOR WITH SUBSTRATE OR BONDING LAYER CONFIGURED TO MAINTAIN PIEZORESISTANCE OF THE ISFET DIE**
[54] **CAPTEUR DE PH AVEC SUBSTRAT OU COUCHE DE LIAISON CONFIGURE POUR MAINTENIR LA PIEZORESISTANCE DU DE A TRANSISTORS A EFFET DE CHAMP SENSIBLES AUX IONS**
[72] HORKHEIMER, DONALD, US
[72] FECHNER, PAUL S., US
[72] WILLITS, DAVID S., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2014-05-12
[41] 2015-01-29
[30] US (13/952,888) 2013-07-29

[21] **2,852,251**
[13] A1

[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01) A41D 13/06 (2006.01) A43B 5/16 (2006.01) A43B 7/32 (2006.01) A63C 3/00 (2006.01)**
[25] EN
[54] **ATHLETE PROTECTION APPARATUS**
[54] **DISPOSITIF DE PROTECTION D'ATHLETE**
[72] WEAVER, ARTHUR, US
[71] WEAVER, ARTHUR, US
[22] 2014-05-20
[41] 2015-01-30
[30] US (61860019) 2013-07-30
[30] US (61985046) 2014-04-28

[21] **2,852,436**
[13] A1

[51] **Int.Cl. G10K 11/168 (2006.01) B32B 3/12 (2006.01) B64D 29/00 (2006.01) F02C 7/24 (2006.01) F16S 1/10 (2006.01)**
[25] EN
[54] **ACOUSTIC PANEL**
[54] **PANNEAU ACOUSTIQUE**
[72] HERRERA, ERIC, US
[72] NESBITT, ERIC H., US
[71] THE BOEING COMPANY, US
[22] 2014-05-26
[41] 2015-01-29
[30] US (13/953287) 2013-07-29

[21] **2,852,509**
[13] A1

[51] **Int.Cl. B60K 13/02 (2006.01)**
[25] EN
[54] **AIR CLEANER DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE NETTOYAGE D'AIR POUR VEHICULE**
[72] ABE, RYUICHI, JP
[72] KINOSHITA, RYOSUKE, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2014-05-28
[41] 2015-01-31
[30] JP (2013-158560) 2013-07-31
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[21] **2,853,604**
 [13] A1

[51] **Int.Cl. E05D 15/06 (2006.01) E05F 5/00 (2006.01)**
 [25] EN
 [54] **ADJUSTABLE CARRIAGE AND SHIFTING DEVICE**
 [54] **CHARIOT REGLABLE ET DISPOSITIF DE COMMUTATION**
 [72] HABB, GREGOR, CH
 [72] ETTMULLER, PETER, CH
 [72] KAPPELER, MYRTA, CH
 [72] MEILI, FELIX, CH
 [71] HAWA AG, CH
 [22] 2014-06-06
 [41] 2015-01-26
 [30] EP (EP13178194.0) 2013-07-26

[21] **2,854,529**
 [13] A1

[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/071 (2010.01) A61F 2/24 (2006.01) A61L 27/36 (2006.01)**
 [25] EN
 [54] **METHOD FOR PREPARING BIOLOGICAL TISSUE**
 [54] **PROCEDE POUR PREPARER UN TISSU BIOLOGIQUE**
 [72] RZANY, ALEXANDER, DE
 [72] ERDBRUEGGER, WILHELM, DE
 [71] BIOTRONIK AG, CH
 [22] 2014-06-16
 [41] 2015-01-31
 [30] EP (EP 13178696.4) 2013-07-31

[21] **2,854,762**
 [13] A1

[51] **Int.Cl. A01C 23/00 (2006.01)**
 [25] EN
 [54] **HIGH CLEARANCE ADJUSTABLE SPRAYER**
 [54] **PULVERISATEUR ENJAMBEUR REGLABLE**
 [72] JONES, MATTHEW, US
 [72] ANTHOFER, STEVE, US
 [71] WINFIELD SOLUTIONS, LLC, US
 [22] 2014-06-20
 [41] 2015-01-30
 [30] US (13/954,714) 2013-07-30

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 [13] A1

[51] **Int.Cl. B64D 33/02 (2006.01) B64C 1/14 (2006.01) B64D 41/00 (2006.01)**
 [25] EN
 [54] **AUXILIARY POWER UNIT INLET APPARATUS AND METHODS**
 [54] **PROCEDES ET DISPOSITIF A ENTREE DE GROUPE AUXILIAIRE DE BORD**
 [72] TRETOW, PAUL R., US
 [72] CHAMBERS, DAVID S., US
 [72] WILLIE, ROBERT H., US
 [71] THE BOEING COMPANY, US
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[21] **2,855,034**
 [13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) H03K 3/00 (2006.01)**
 [25] EN
 [54] **SYSTEMS AND METHODS FOR OPERATING AN ELECTROSURGICAL GENERATOR**
 [54] **SYSTEMES ET PROCEDES POUR FAIRE FONCTIONNER UN GENERATEUR ELECTROCHIRURGICAL**
 [72] COULSON, REBECCA J., US
 [72] COUTURE, GARY M., US
 [72] ANDERSON, SARA E., US
 [72] MANLEY, PRAKASH, US
 [71] COVIDIEN LP, US
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 [41] 2015-01-29
 [30] US (61/859,591) 2013-07-29
 [30] US (14/255,051) 2014-04-17

[21] **2,855,280**
 [13] A1

[51] **Int.Cl. H04W 24/02 (2009.01) H04W 36/20 (2009.01)**
 [25] EN
 [54] **SYSTEM AND METHOD FOR MANAGING COMMUNICATIONS FOR TWO NETWORKS IN A COMMUNICATION DEVICE**
 [54] **SYSTEME ET PROCEDE POUR GERER LES COMMUNICATIONS POUR DEUX RESEAUX DANS UN DISPOSITIF DE COMMUNICATION**
 [72] ZHU, LIZHONG, CA
 [72] HE, FEI, CA
 [72] WU, YAN, CA
 [72] ZHOU, QINGMAI, CA
 [72] XU, JUN, CA
 [72] MONTEMURRO, MICHAEL PETER, CA
 [72] ZHANG, ZONGYOU, CA
 [71] BLACKBERRY LIMITED, CA
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 [41] 2015-01-31
 [30] US (13/955,442) 2013-07-31

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 [13] A1

[51] **Int.Cl. E02D 27/42 (2006.01) E04H 12/22 (2006.01) E05B 73/00 (2006.01) H02G 3/02 (2006.01)**
 [25] EN
 [54] **ANTI-THEFT ASSEMBLY FOR INHIBITING THEFT OF CABLE FROM LIGHT POLES**
 [54] **ENSEMBLE ANTIVOL POUR EMPECHER LE VOL DE CABLE DANS LES LAMPADAIRES**
 [72] BANYI, ZOLTAN, CA
 [72] BROCKMAN, TED, CA
 [72] GIOSAN, IOAN, CA
 [71] VALMONT WEST COAST ENGINEERING LTD., CA
 [22] 2014-06-30
 [41] 2015-01-25
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[21] **2,855,432**
[13] A1

[51] **Int.Cl. A43B 5/16 (2006.01) A43B 5/18 (2006.01) A63B 71/08 (2006.01) A63C 3/00 (2006.01)**
[25] EN
[54] **HOCKEY SKATE SHIELD**
[54] **PROTECTEUR POUR PATIN DE HOCKEY**
[72] SCHATZ, KURT, CA
[72] MITCHELL, J. R. SCOTT, CA
[72] SMART, MICHAEL, CA
[71] MAGNA CLOSURES INC., CA
[22] 2014-07-03
[41] 2015-01-25
[30] US (61/858,242) 2013-07-25
[30] US (61/888,262) 2013-10-08

[21] **2,855,460**
[13] A1

[51] **Int.Cl. C09K 8/74 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **VISCOSIFIED ACID FLUID AND METHOD FOR USE THEREOF**
[54] **FLUIDE ACIDE VISCOSIFIE ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] JIANG, LI, US
[72] LECERF, BRUNO, US
[72] ZIAUDDIN, MURTAZA, US
[72] HE, JIAN, US
[72] DANG, BOINGOC, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[41] 2015-01-31
[30] US (13/955,521) 2013-07-31

[21] **2,855,867**
[13] A1

[51] **Int.Cl. B64D 33/00 (2006.01) B64D 13/00 (2006.01) B64D 15/04 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **BLEED AIR SYSTEMS FOR USE WITH AIRCRAFTS AND RELATED METHODS**
[54] **SYSTEMES A AIR PRELEVE POUR UTILISATION AVEC DES AERONEFS ET PROCEDES CONNEXES**
[72] MACKIN, STEVE G., US
[72] FOUTCH, DAVID W., US
[71] THE BOEING COMPANY, US
[22] 2014-07-03
[41] 2015-01-25
[30] US (13/951181) 2013-07-25

[21] **2,855,977**
[13] A1

[51] **Int.Cl. H01H 33/24 (2006.01) H01H 33/42 (2006.01)**
[25] EN
[54] **FLEXIBLE DIELECTRIC MATERIAL FOR HIGH VOLTAGE SWITCH**
[54] **MATERIAU DIELECTRIQUE SOUPLE POUR COMMUTATEUR A HAUTE TENSION**
[72] SIEBENS, LARRY N., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2014-07-04
[41] 2015-01-29
[30] US (61/859,342) 2013-07-29
[30] US (14/268,159) 2014-05-02

[21] **2,856,183**
[13] A1

[51] **Int.Cl. B23K 9/167 (2006.01) B23K 9/29 (2006.01)**
[25] EN
[54] **WELDING TORCH AND WELDING APPARATUS WITH HOLLOW ELECTRODE AND FILLER MATERIAL THAT IS SUPPLIED WITHOUT POTENTIAL, WELDING METHOD AND USE OF A PROCESS GAS**
[54] **TORCHE DE SOUDAGE ET DISPOSITIF DE SOUDAGE AVEC ELECTRODE CREUSE ET MATIERE DE REMPLISSAGE FOURNIE SANS POTENTIEL, PROCEDE DE SOUDAGE ET UTILISATION D'UN GAZ DE PROCESSUS**
[72] MIKLOS, ERNST, DE
[72] SAVGU, FATIH, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[41] 2015-01-26
[30] EP (EP 13003746.8) 2013-07-26

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[13] A1

[51] **Int.Cl. G01R 31/02 (2006.01)**
[25] EN
[54] **IDENTIFYING DEFECTIVE ELECTRICAL CABLES**
[54] **IDENTIFICATION DE CABLES ELECTRIQUES DEFECTUEUX**
[72] DULGER, OLEG, IE
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2014-07-09
[41] 2015-01-29
[30] US (13/952,759) 2013-07-29

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[13] A1

[51] **Int.Cl. G02C 7/04 (2006.01) G11B 7/24044 (2013.01) G03H 1/04 (2006.01)**
[25] EN
[54] **CONTACT LENSES WITH EMBEDDED LABELS**
[54] **LENTILLES DE CONTACT AVEC ETIQUETTES INTEGREES**
[72] TABIRIAN, NELSON V., US
[72] TOLOZA, RAFAEL VERGARA, US
[72] SPAULDING, RUSSELL T., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2014-07-09
[41] 2015-01-25
[30] US (13/950,389) 2013-07-25

[21] **2,856,478**
[13] A1

[51] **Int.Cl. C23C 4/16 (2006.01) F02F 1/00 (2006.01)**
[25] EN
[54] **WORKPIECE HAVING A CUT-OUT FOR RECEIVING A PISTON**
[54] **PIECE COMPORTANT UNE DECOUPE POUR RECEVOIR UN PISTON**
[72] ERNST, PETER, US
[72] DISTLER, BERND, US
[71] SULZER METCO AG, CH
[22] 2014-07-11
[41] 2015-01-26
[30] EP (13178145.2) 2013-07-26

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[13] A1

[51] **Int.Cl. H01L 21/71 (2006.01) H01L 23/62 (2006.01) H01L 29/20 (2006.01)**
[25] EN
[54] **SEMICONDUCTOR ASSEMBLY AND METHOD OF MANUFACTURE**
[54] **ENSEMBLE SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION**
[72] KASHYAP, AVINASH SRIKRISHNAN, US
[72] SANDVIK, PETER MICAH, US
[72] ZHOU, RUI, US
[72] LOSEE, PETER ALMERN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2014-07-10
[41] 2015-01-25
[30] US (13/950,736) 2013-07-25

[21] **2,856,500**
[13] A1

[51] **Int.Cl. B05B 13/02 (2006.01)**
[25] EN
[54] **METHOD OF CLEANING A TORCH OF A PLASMA-COATING PLANT AND A PLASMA-COATING PLANT**
[54] **PROCEDE DE NETTOYAGE D'UNE TORCHE D'UNE INSTALLATION DE REVETEMENT AU PLASMA ET INSTALLATION DE REVETEMENT AU PLASMA**
[72] DISTLER, BERND, US
[72] ERNST, PETER, CH
[71] SULZER METCO AG, CH
[22] 2014-07-11
[41] 2015-01-26
[30] EP (13178146.0) 2013-07-26

[21] **2,856,577**
[13] A1

[51] **Int.Cl. E05F 1/10 (2006.01)**
[25] EN
[54] **BRACKET DOOR CLOSURE ASSEMBLY**
[54] **ENSEMBLE DE FERMETURE DE PORTE A SUPPORT**
[72] CHAO, WEI JIN, CN
[71] CMECH (GUANGZHOU), LTD., CN
[22] 2014-07-11
[41] 2015-01-25
[30] US (13/950522) 2013-07-25

[21] **2,856,624**
[13] A1

[51] **Int.Cl. E02F 3/627 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **FRONT LOADER ARRANGEMENT**
[54] **ARRANGEMENT DE CHARGEUSE FRONTALE**
[72] OICKLE, JODY A., CA
[72] FRIESEN, HENRY, CA
[72] GUJA, RADUT, CA
[71] DEERE & COMPANY, US
[22] 2014-07-11
[41] 2015-01-25
[30] DE (10 2013 214 559.4) 2013-07-25

[21] **2,856,848**
[13] A1

[51] **Int.Cl. F16S 1/00 (2006.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **WEB COMPONENT AND METHOD OF MAKING A WEB COMPONENT**
[54] **COMPOSANT BANDE ET PROCEDE DE FABRICATION D'UN COMPOSANT BANDE**
[72] GRIECO, JAMES R., US
[71] GULFSTREAM AEROSPACE CORPORATION, US
[22] 2014-07-11
[41] 2015-01-30
[30] US (13/954,334) 2013-07-30

[21] **2,856,911**
[13] A1

[51] **Int.Cl. B60C 23/00 (2006.01) B60C 23/02 (2006.01) B60C 23/06 (2006.01)**
[25] EN
[54] **TIRE LOAD SENSING SYSTEM**
[54] **SYSTEME DE DETECTION DE CHARGE POUR PNEUS**
[72] DUPPONG, STEVEN A., US
[72] UPCHURCH, BRUCE L., US
[71] DEERE & COMPANY, US
[22] 2014-07-15
[41] 2015-01-29
[30] US (13/953,278) 2013-07-29

[21] **2,856,913**
[13] A1

[51] **Int.Cl. A01B 63/24 (2006.01)**
[25] EN
[54] **WIDE SWING DRAWBAR SUPPORT ASSEMBLY**
[54] **ENSEMBLE SUPPORT DE BARRE D'ATTELAGE A GRANDE AMPLITUDE**
[72] BHOSALE, DIGVIJAY, IN
[72] HEIMBUCH, BENJAMIN J., US
[72] KREIS, EDWIN R., US
[71] DEERE & COMPANY, US
[22] 2014-07-15
[41] 2015-01-29
[30] US (13/952,744) 2013-07-29

[21] **2,856,934**
[13] A1

[51] **Int.Cl. C08K 5/14 (2006.01) C08J 3/26 (2006.01) C08K 5/00 (2006.01) C08L 101/00 (2006.01) C09D 5/02 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **ONE POT BIOCATALYTIC PEROXIDE MEDIATED CURE**
[54] **DURCISSEMENT INDUIT PAR PEROXYDE BIOCATALYTIQUE EN ENCEINTE UNIQUE**
[72] ARUMUGAM, SELVANATHAN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2014-07-16
[41] 2015-01-30
[30] US (61/859,918) 2013-07-30

[21] **2,856,935**
[13] A1

[51] **Int.Cl. C08L 53/00 (2006.01) C08F 293/00 (2006.01) C08J 3/05 (2006.01) C08L 33/08 (2006.01) C08L 33/12 (2006.01)**
[25] EN
[54] **UREIDO-FUNCTIONALIZED AQUEOUS POLYMERIC DISPERSION**
[54] **DISPERSION AQUEUSE POLYMERE FONCTIONALISEE A MONOMERE UREIDO**
[72] PRESSLEY, OZZIE MOORE, US
[72] MAURICE, ALVIN M., US
[72] ZHANG, WEI, US
[71] ROHM AND HAAS COMPANY, US
[22] 2014-07-16
[41] 2015-01-30
[30] US (61/860,012) 2013-07-30

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[21] **2,856,971**
[13] A1

[51] **Int.Cl. E02F 9/14 (2006.01) E02F 3/48 (2006.01) E02F 3/58 (2006.01)**
[25] EN
[54] **STRUCTURAL CONNECTORS FOR DRAGLINE BOOM AND MAST TUBULAR CLUSTERS AND METHODS FOR REPAIR, REINFORCEMENT AND LIFE EXTENSION OF DRAGLINE BOOM AND MASTS**
[54] **CONNECTEURS STRUCTURELS POUR FLECHE DE PELLE A BENNE TRAINANTE ET GROUPES TUBULAIRES DE MAT ET PROCEDES POUR REPARATION, RENFORCEMENT ET PROLONGEMENT DE LA DUREE UTILE DES FLECHES DE PELLE A BENNE TRAINANTE ET DES MATS**
[72] CONSTANCON, CHARLES, CA
[72] RATCLIFF, ARLO JOHN THOMAS, CA
[72] BYDEMAST, HAROLD, CA
[71] BMT WBM CANADA CONSULTING ENGINEERS INC., CA
[22] 2014-07-15
[41] 2015-01-28
[30] US (61/859,235) 2013-07-28

[21] **2,856,990**
[13] A1

[51] **Int.Cl. A61L 27/40 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **BIO-ABSORBABLE COMPOSITE MATERIALS CONTAINING MAGNESIUM AND MAGNESIUM ALLOYS AS WELL AS IMPLANTS MADE OF SAID COMPOSITES**
[54] **MATERIAUX COMPOSITES BIOABSORBABLES CONTENANT DU MAGNESIUM ET DES ALLIAGES DE MAGNESIUM AINSI QUE DES IMPLANTS FABRIQUES A PARTIR DESDITS COMPOSITES**
[72] KUHN, KLAUS-DIETER, DE
[72] WEINBERG, ANNELIE, AT
[72] UGGOWITZER, PETER, CH
[72] VOGT, SEBASTIAN, DE
[72] LOFFLER, JORG, CH
[71] HERAEUS MEDICAL GMBH, DE
[71] MEDIZINISCHE UNIVERSITAT GRAZ, AT
[22] 2014-07-16
[41] 2015-01-26
[30] DE (10 2013 214 636.1) 2013-07-26

[21] **2,856,995**
[13] A1

[51] **Int.Cl. F23R 3/26 (2006.01)**
[25] EN
[54] **GAS TURBINE FACILITY**
[54] **INSTALLATION DE TURBINE A GAZ**
[72] IWAI, YASUNORI, JP
[72] ITOH, MASAO, JP
[72] SUZUKI, SHINJU, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2014-07-16
[41] 2015-01-26
[30] JP (2013-155406) 2013-07-26

[21] **2,857,012**
[13] A1

[51] **Int.Cl. H01R 4/58 (2006.01) H01B 9/00 (2006.01) H01R 4/28 (2006.01)**
[25] EN
[54] **CONDUCTOR CONNECTORS FOR POWER CABLES**
[54] **CONNECTEURS DE CONDUCTEURS POUR CABLES D'ALIMENTATION**
[72] MORBY, LUKE, GB
[72] SPILLER, DARREN MICHAEL, GB
[72] COX, STUART, GB
[71] PRYSMIAN CABLES & SYSTEMS LIMITED, GB
[22] 2014-07-17
[41] 2015-01-25
[30] GB (1313290.7) 2013-07-25

[21] **2,857,145**
[13] A1

[51] **Int.Cl. B64C 13/38 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **AIRCRAFT**
[54] **AERONEF**
[72] HAUBER, BERNHARD, DE
[71] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
[22] 2014-07-17
[41] 2015-01-26
[30] DE (10 2013 012 505.7) 2013-07-26

[21] **2,857,239**
[13] A1

[51] **Int.Cl. E02F 3/96 (2006.01) E02F 3/36 (2006.01) E02F 5/02 (2006.01)**
[25] EN
[54] **EXCAVATING ATTACHMENT WITH Laterally PIVOTABLE WORKING ARM FOR EXCAVATING BENEATH A BURIED UTILITY**
[54] **ACCESSOIRE D'EXCAVATION AVEC BRAS DE TRAVAIL PIVOTANT LATERALEMENT POUR EXCAVER SOUS UN SERVICE PUBLIC ENTERRE**
[72] DOHERTY, KELVIN R., CA
[71] DOHERTY, KELVIN R., CA
[22] 2014-07-18
[41] 2015-01-25
[30] US (61/858,302) 2013-07-25

[21] **2,857,254**
[13] A1

[51] **Int.Cl. H02K 1/06 (2006.01) H02K 1/16 (2006.01) H02K 1/26 (2006.01)**
[25] EN
[54] **SLOT LINER FOR AN ELECTRIC MACHINE**
[54] **DOUBLURE DE FENTE POUR UNE MACHINE ELECTRIQUE**
[72] LITTLEJOHN, MATTHEW HAL, US
[72] FANG, XIAOMEI, US
[72] ZHANG, WEI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2014-07-17
[41] 2015-01-31
[30] US (13/955,889) 2013-07-31

[21] **2,857,293**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **AN AMMONIA STRIPPER FOR A CARBON CAPTURE SYSTEM FOR REDUCTION OF ENERGY CONSUMPTION**
[54] **SYSTEME D'ELIMINATION DE L'AMMONIAQUE POUR SYSTEME DE CAPTURE DU CARBONE DESTINE A REDUIRE LA CONSOMMATION D'ENERGIE**
[72] AUGUSTSSON, OLA, SE
[72] TAHOCES, RAUL, DE
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2014-07-21
[41] 2015-01-25
[30] US (13/950,953) 2013-07-25

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[21] **2,857,326**
[13] A1

[51] **Int.Cl. A47K 5/12 (2006.01) B67D 7/84 (2010.01)**
[25] EN
[54] **DISPENSER SHROUD**
[54] **CARENAGE POUR UN DISTRIBUTEUR**
[72] DUNCAN, DAVID, CA
[72] OPHARDT, HEINER, CH
[71] OP-HYGIENE IP GMBH, CH
[22] 2014-07-21
[41] 2015-01-31
[30] US (61/860,628) 2013-07-31

[21] **2,857,352**
[13] A1

[51] **Int.Cl. C02F 1/56 (2006.01) C02F 11/14 (2006.01)**
[25] EN
[54] **METHOD FOR DEWATERING SUSPENSIONS OF SOLID PARTICLES IN WATER**
[54] **PROCEDE D'ASSECHEMENT DE SUSPENSIONS DE PARTICULES SOLIDES DANS L'EAU**
[72] THOMAS, KIRK, US
[72] BAIR, PATRICK, US
[71] S.P.C.M. SA, FR
[22] 2014-07-18
[41] 2015-01-31
[30] US (13955593) 2013-07-31

[21] **2,857,465**
[13] A1

[51] **Int.Cl. B65B 65/00 (2006.01) B65B 61/00 (2006.01) B65G 17/46 (2006.01) B65G 47/26 (2006.01)**
[25] EN
[54] **PRODUCT STABILIZER**
[54] **STABILISATEUR DE PRODDUIT**
[72] CHURCHILL, MATTHEW HENRY, US
[72] ERICSON, JEREMIAH JOE, US
[71] DELKOR SYSTEMS, INC., US
[22] 2014-07-22
[41] 2015-01-29
[30] US (61/859409) 2013-07-29

[21] **2,857,466**
[13] A1

[51] **Int.Cl. B60B 27/00 (2006.01)**
[25] EN
[54] **WHEEL ASSEMBLY SEAL**
[54] **JOINT D'ETANCHEITE POUR ENSEMBLE ROUE**
[72] GOBBS, LANE R., US
[72] HANSEN, DEREK L., US
[72] PITMAN, KENNETH P., US
[71] CROWN PARTS AND MACHINE INC., US
[22] 2014-07-22
[41] 2015-01-26
[30] US (13/952,390) 2013-07-26

[21] **2,857,474**
[13] A1

[51] **Int.Cl. B65D 47/06 (2006.01) A61J 1/20 (2006.01) B65D 25/38 (2006.01)**
[25] EN
[54] **MEDICINE BOTTLE**
[54] **FLACON DE MEDICAMENT**
[72] OSCHWALD, HANS, DE
[71] OPTIPHARMA GMBH, DE
[22] 2014-07-23
[41] 2015-01-31
[30] DE (20 2013 006 898.1) 2013-07-31

[21] **2,857,477**
[13] A1

[51] **Int.Cl. E01D 11/04 (2006.01) E01D 11/00 (2006.01)**
[25] EN
[54] **PROTECTION SYSTEM FOR TENSION MEMBERS OF A STRUCTURE FOR COLLECTING ICE ACCUMULATIONS DETACHING FROM A TENSION MEMBER**
[54] **SYSTEME DE PROTECTION POUR ELEMENTS DE TRACTION D'UNE STRUCTURE DESTINE A RECUEILLIR LES ACCUMULATIONS DE GLACE SE DETACHANT D'UN ELEMENT DE TRACTION**
[72] BRAND, WERNER, DE
[71] DYWIDAG-SYSTEMS INTERNATIONAL GMBH, DE
[22] 2014-07-22
[41] 2015-01-29
[30] DE (10 2013 012 429.8) 2013-07-29

[21] **2,857,504**
[13] A1

[51] **Int.Cl. G06F 21/83 (2013.01) G06F 3/044 (2006.01) H03K 17/955 (2006.01)**
[25] EN
[54] **DEVICE FOR SECURING A CAPACITIVE KEYPAD AND CORRESPONDING TERMINAL**
[54] **DISPOSITIF POUR SECURISER UN CLAVIER CAPACITIF ET TERMINAL CORRESPONDANT**
[72] FLEURY, FABRICE, FR
[72] LEMAIRE, JEAN-ERIC, FR
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR
[22] 2014-07-21
[41] 2015-01-26
[30] FR (1357422) 2013-07-26

[21] **2,857,590**
[13] A1

[51] **Int.Cl. F01N 3/023 (2006.01) B01D 53/92 (2006.01) F01N 3/021 (2006.01)**
[25] EN
[54] **DPF SYSTEM FOR AN ENGINE GENERATOR**
[54] **SYSTEME DE FILTRE A PARTICULES DIESEL POUR UN GENERATEUR DE MOTEUR**
[72] MATSUO, SEIJI, JP
[72] KOBAYASHI, YASUHIRO, US
[72] MATSUDA, SHINJI, US
[72] FUJITA, TADAHIRO, JP
[71] DENYO KABUSHIKI KAISHA, JP
[22] 2014-07-23
[41] 2015-01-31
[30] JP (2013-159627) 2013-07-31

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[21] **2,857,658**
[13] A1

[51] **Int.Cl. H01Q 13/18 (2006.01) G01S 13/90 (2006.01) H01Q 1/40 (2006.01) H01Q 21/24 (2006.01)**

[25] EN

[54] **WAVEGUIDE RADIATOR, ARRAY ANTENNA RADIATOR AND SYNTHETIC APERTURE RADAR SYSTEM**

[54] **RADIATEUR A GUIDE D'ONDE, RADIATEUR D'ANTENNE RESEAU ET SYSTEME FORMANT RADAR A OUVERTURE SYNTHETIQUE**

[72] ROMER, CHRISTIAN, DE
[72] HERSCHLEIN, ALEXANDER, DE
[71] ASTRUM GMBH, DE
[22] 2014-07-23
[41] 2015-01-25
[30] DE (10 2013 012 315.1) 2013-07-25

[21] **2,857,670**
[13] A1

[51] **Int.Cl. H02M 1/00 (2007.10) H02M 7/12 (2006.01)**

[25] EN

[54] **MULTILEVEL CONVERTER SYSTEM**

[54] **SYSTEME DE CONVERSION MULTINIVEAU**

[72] ZHANG, DI, US
[72] GARCES, LUIS JOSE, US
[72] RAJU, RAVISEKHAR NADIMPALLI, US
[72] LAI, RIXIN, US
[72] ROCKHILL, ANDREW ALLEN, US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[22] 2014-07-24
[41] 2015-01-29
[30] US (13/953,153) 2013-07-29

[21] **2,857,685**
[13] A1

[51] **Int.Cl. F16C 32/04 (2006.01) F16C 19/54 (2006.01)**

[25] EN

[54] **AUXILIARY BEARING OF THE BALL BEARING TYPE FOR A MAGNETICALLY SUSPENDED ROTOR SYSTEM**

[54] **SUPPORT AUXILIAIRE DE TYPE A ROULEMENT A BILLES POUR UN SYSTEME DE ROTOR SUSPENDU DE FACON MAGNETIQUE**

[72] PONSON, FREDERIC, FR
[72] BENDAOU, MOHAMED, FR
[72] OLIVA, MATTHIEU, FR
[72] DA SILVA, JOAQUIM, FR
[72] ANDERS, JENS, FR
[71] SKF MAGNETIC MECHATRONICS, FR
[22] 2014-07-23
[41] 2015-01-26
[30] EP (13 306 087.1) 2013-07-26

[21] **2,857,692**
[13] A1

[51] **Int.Cl. E21B 17/07 (2006.01)**

[25] EN

[54] **DOWNHOLE SHOCK ASSEMBLY AND METHOD OF USING SAME**

[54] **ENSEMBLE AMORTISSEUR DE FOND DE TROU ET SON PROCEDE D'UTILISATION**

[72] MALCOLM, ANDREW D., CA
[72] KVASNYTSIA, ROMAN, CA
[72] LOCKHART, JUSTIN, CA
[71] NATIONAL OILWELL DHT, L.P., US
[22] 2014-07-23
[41] 2015-01-30
[30] US (13/954,793) 2013-07-30

[21] **2,857,704**
[13] A1

[51] **Int.Cl. H02M 1/00 (2007.10) H02M 3/00 (2006.01) H02M 5/00 (2006.01) H02M 7/00 (2006.01)**

[25] EN

[54] **MULTILEVEL CONVERTER SYSTEM**

[54] **SYSTEME CONVERTISSEUR MULTINIVEAU**

[72] GARCES, LUIS JOSE, US
[72] ZHANG, DI, US
[72] ROCKHILL, ANDREW ALLEN, US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
[22] 2014-07-24
[41] 2015-01-31
[30] US (13/955,607) 2013-07-31

[21] **2,857,729**
[13] A1

[51] **Int.Cl. B64C 25/36 (2006.01) B60K 1/00 (2006.01) B60K 7/00 (2006.01) B64C 25/40 (2006.01) F16D 3/02 (2006.01)**

[25] FR

[54] **COUPLING DEVICE FOR MOTORISED WHEEL IN AN AIRCRAFT LANDING GEAR**

[54] **DISPOSITIF DE COUPLAGE D'UNE ROUE MOTORISEE DE TRAIN D'ATTERISSAGE D'AERONEF**

[72] TIZAC, LAURENT, FR
[72] LESAGE, CEDRIC, FR
[71] AIRBUS OPERATIONS, FR
[22] 2014-07-22
[41] 2015-01-31
[30] FR (13 57 609) 2013-07-31

[21] **2,857,734**
[13] A1

[51] **Int.Cl. B62H 3/00 (2006.01) B62H 3/02 (2006.01) B62H 3/12 (2006.01)**

[25] EN

[54] **WALL-MOUNTED BICYCLE RACK**

[54] **SUPPORT A VELOS A MONTAGE MURAL**

[72] PERUZZO, MARTINA, IT
[71] PERUZZO, MARTINA, IT
[22] 2014-07-22
[41] 2015-01-31
[30] IT (BO2013A000421) 2013-07-31

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[21] **2,857,746**
[13] A1

[51] **Int.Cl. F16K 35/00 (2006.01) F16K 1/22 (2006.01) F16K 1/50 (2006.01) F16K 31/60 (2006.01) F16K 37/00 (2006.01)**

[25] EN
[54] **HANDLE INSERT FOR VALVE**
[54] **POIGNEE A INSERT POUR ROBINET**

[72] GUTMANN, PAUL M., US
[72] HOOTS, JOSHUA LEE, US
[72] MOREN, GARY A., US
[72] STONE, JON TERENCE, US
[71] HAYWARD INDUSTRIES, INC., US
[22] 2014-07-24
[41] 2015-01-30
[30] US (13/954,130) 2013-07-30
[30] US (14/020,719) 2013-09-06

[21] **2,857,750**
[13] A1

[51] **Int.Cl. H04W 28/16 (2009.01) H04W 28/26 (2009.01)**

[25] EN
[54] **METHOD FOR MANAGING HF FREQUENCIES IN BROADBAND USE**
[54] **PROCEDE DE GESTION DE FREQUENCES HF DANS UNE UTILISATION LARGE BANDE**

[72] LAMY-BERGOT, CATHERINE, FR
[72] ROGIER, JEAN-LUC, FR
[71] THALES, FR
[22] 2014-07-24
[41] 2015-01-25
[30] FR (1301792) 2013-07-25

[21] **2,857,761**
[13] A1

[51] **Int.Cl. B65D 43/02 (2006.01)**

[25] EN
[54] **DOMED CUP LID FOR HOLDING AN INVERTED CAN OR BOTTLE**
[54] **COUVERCLE DE GOBELET EN DOME POUR MAINTENIR UNE CANNETTE OU UNE BOUTEILLE INVERSEE**

[72] MILLER, ALEXANDER K., US
[71] MILLER, ALEXANDER K., US
[22] 2014-07-24
[41] 2015-01-25
[30] US (13/951,220) 2013-07-25

[21] **2,857,766**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23K 1/14 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **VARIETY CORN LINE GNA0098ZL**
[54] **LIGNEE DE MAIS DE VARIETE GNA0098ZL**

[72] DE DREU, ADRIAN JAN, CA
[72] MOUSEL, ALAN WAYNE, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2014-07-24
[41] 2015-01-26
[30] US (13/952,312) 2013-07-26

[21] **2,857,767**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23K 1/14 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **VARIETY CORN LINE HBA2544**
[54] **LIGNEE DE MAIS DE VARIETE HBA2544**

[72] GOODWIN, WILLIAM H., US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2014-07-24
[41] 2015-01-26
[30] US (13/952,019) 2013-07-26

[21] **2,857,768**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23K 1/14 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **VARIETY CORN LINE ID2516**
[54] **LIGNEE DE MAIS DE VARIETE ID2516**

[72] DE DREU, ADRIAN JAN, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2014-07-24
[41] 2015-01-26
[30] US (13/952,067) 2013-07-26

[21] **2,857,769**
[13] A1

[51] **Int.Cl. F16K 35/00 (2006.01) F16K 1/22 (2006.01) F16K 1/50 (2006.01) F16K 31/60 (2006.01) F16K 37/00 (2006.01)**

[25] EN
[54] **BUTTERFLY VALVE**
[54] **VANNE PAPILLON**

[72] GUTMANN, PAUL M., US
[72] HOOTS, JOSHUA LEE, US
[72] MOREN, GARY A., US
[72] STONE, JON TERENCE, US
[71] HAYWARD INDUSTRIES, INC., US
[22] 2014-07-24
[41] 2015-01-30
[30] US (13/954,130) 2013-07-30

[21] **2,857,771**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23K 1/14 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **VARIETY CORN LINE GAQ2011**
[54] **LIGNEE DE MAIS DE VARIETE GAQ2011**

[72] DE DREU, ADRIAN JAN, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2014-07-24
[41] 2015-01-26
[30] US (13/952,286) 2013-07-26

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[21] **2,857,773**
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 74/08 (2009.01) H04B 7/12 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE HF BAND LINK ESTABLISHMENT USING A BROADBAND CAPABILITY**
[54] **PROCEDE POUR AMELIORER L'ETABLISSEMENT D'UNE LIAISON DE BANDE HF AU MOYEN D'UNE CAPACITE A LARGE BANDE**
[72] LAMY-BERGOT, CATHERINE, FR
[71] THALES, FR
[22] 2014-07-24
[41] 2015-01-25
[30] FR (1301791) 2013-07-25

[21] **2,857,774**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23K 1/14 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **VARIETY CORN LINE IQ1883**
[54] **LIGNEE DE MAIS DE VARIETE IQ1883**
[72] DE DREU, ADRIAN JAN, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2014-07-24
[41] 2015-01-26
[30] US (13/952,096) 2013-07-26

[21] **2,857,775**
[13] A1

[51] **Int.Cl. F28F 27/02 (2006.01)**
[25] EN
[54] **HEAT EXCHANGE DEVICE**
[54] **DISPOSITIF D'ECHANGE DE CHALEUR**
[72] HISANAGA, TORU, JP
[72] UCHIDA, TOMOYUKI, JP
[72] HYODO, TERUAKI, JP
[71] YUTAKA GIKEN CO., LTD., JP
[22] 2014-07-24
[41] 2015-01-25
[30] JP (2013-154750) 2013-07-25
[30] JP (2013-154786) 2013-07-25

[21] **2,857,780**
[13] A1

[51] **Int.Cl. G06T 19/20 (2011.01) G06F 17/50 (2006.01)**
[25] EN
[54] **DESIGN OF A PATH CONNECTING A FIRST POINT TO A SECOND POINT IN A THREE-DIMENSIONAL SCENE**
[54] **CONCEPTION D'UN CHEMIN RELIANT UN PREMIER POINT A UN DEUXIEME POINT DANS UNE SCENE TRIDIMENSIONNELLE**
[72] LEREY, GUILLAUME, FR
[71] DASSAULT SYSTEMES, FR
[22] 2014-07-24
[41] 2015-01-25
[30] EP (13306081.4) 2013-07-25

[21] **2,857,792**
[13] A1

[51] **Int.Cl. B25B 33/00 (2006.01) B25B 27/00 (2006.01) B66F 15/00 (2006.01) F16H 7/24 (2006.01)**
[25] EN
[54] **TENSION-ADJUSTING TOOL**
[54] **OUTIL DE REGLAGE DE TENSION**
[72] GALLEY, EDWARD ROBERT, ZZ
[71] GALLEY TRANSPORT INC., CA
[22] 2014-07-22
[41] 2015-01-26
[30] CA (2,822,034) 2013-07-26

[21] **2,857,796**
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **TOP DRIVE STAND COMPENSATOR WITH FILL UP TOOL**
[54] **COMPENSATEUR DE RAME A ENTRAINEMENT PAR LE HAUT AVEC OUTIL DE REMPLISSAGE**
[72] WOOD, KEVIN, US
[72] HOLLINGSWORTH, JIM, US
[72] HILL, TROY F., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2014-07-24
[41] 2015-01-29
[30] US (13/953,128) 2013-07-29

[21] **2,857,802**
[13] A1

[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/12 (2006.01) A23K 1/14 (2006.01) C08B 30/00 (2006.01) C12N 5/10 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01) A01H 1/04 (2006.01)**
[25] EN
[54] **VARIETY CORN LINE HID3259**
[54] **LIGNEE DE MAIS DE VARIETE HID3259**
[72] KELLY, SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2014-07-25
[41] 2015-01-29
[30] US (13/953,228) 2013-07-29

[21] **2,857,804**
[13] A1

[51] **Int.Cl. F41C 27/00 (2006.01) F41A 23/00 (2006.01) F41A 23/26 (2006.01) F41A 23/50 (2006.01) F41A 35/00 (2006.01) F41C 33/00 (2006.01) F41G 1/16 (2006.01) F41G 1/38 (2006.01) F41G 1/41 (2006.01)**
[25] EN
[54] **FIREARMS ATTACHMENT SYSTEM**
[54] **SYSTEME D'ATTACHEMENT POUR ARME A FEU**
[72] BARGER, JOHN J., US
[71] BARGER, JOHN J., US
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[41] 2015-01-25
[30] US (61/858,198) 2013-07-25
[30] US (61/864,230) 2013-08-09
[30] US (61/932,690) 2014-01-28

[21] **2,857,809**
[13] A1

[51] **Int.Cl. F28F 27/02 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER AND HEAT EXCHANGE DEVICE**
[54] **ECHANGEUR DE CHALEUR ET DISPOSITIF D'ECHANGE DE CHALEUR**
[72] HISANAGA, TORU, JP
[72] SUZUKI, KOZUE, JP
[72] WAGATSUMA, TAKASHI, JP
[71] YUTAKA GIKEN CO., LTD., JP
[22] 2014-07-25
[41] 2015-01-25
[30] JP (2013-154895) 2013-07-25

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[13] A1

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[25] EN
[54] **REAR FUSELAGE SECTION OF AN AIRCRAFT**
[54] **SECTION DE FUSELAGE ARRIERE D'UN AERONEF**
[72] GONZALEZ GOZALBO, ALFONSO, ES
[72] LLAMAS SANDIN, RAUL CARLOS, ES
[71] AIRBUS OPERATIONS, S.L., ES
[22] 2014-07-27
[41] 2015-01-30
[30] EP (13 178 465.4) 2013-07-30

[21] **2,857,832**
[13] A1

[51] **Int.Cl. G06T 19/20 (2011.01) G06F 17/50 (2006.01)**
[25] EN
[54] **COMPRESSION OF A THREE-DIMENSIONAL MODELED OBJECT**
[54] **COMPRESSION D'UN OBJET MODELISE TRIDIMENSIONNEL**
[72] TUFFREAU, JEAN, FR
[71] DASSAULT SYSTEMES, FR
[22] 2014-07-25
[41] 2015-01-30
[30] EP (EP 13306101.0) 2013-07-30

[21] **2,857,834**
[13] A1

[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **PLURAL DEPTH SEISMIC DE-GHOSTING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'ELIMINATION DE SIGNAUX FANTOMES SISMIQUES A PLUSIEURS PROFONDEURS**
[72] COTTON, JULIEN, FR
[71] CGG SERVICES SA, FR
[22] 2014-07-24
[41] 2015-01-25
[30] US (61/858,234) 2013-07-25
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[13] A1

[51] **Int.Cl. E21B 43/11 (2006.01)**
[25] EN
[54] **CASING PERFORATING AND EROSION SYSTEM FOR CAVERN EROSION IN A HEAVY OIL FORMATION AND METHOD OF USE**
[54] **SYSTEME PERFORATEUR DE TUBAGE ET D'EROSION POUR EROSION DE CAVERNE DANS UNE FORMATION DE PETROLE LOURD ET PROCEDE D'UTILISATION**
[72] MITCHELL, BRUCE, CA
[72] BENNETT, RICHARD, CA
[71] MITCHELL, BRUCE, CA
[71] BENNETT, RICHARD, CA
[22] 2014-07-25
[41] 2015-01-25
[30] US (61/858,542) 2013-07-25

[21] **2,857,836**
[13] A1

[51] **Int.Cl. F41B 11/52 (2013.01) F41B 11/55 (2013.01)**
[25] EN
[54] **PAINTBALL MARKER LOADING AND FEEDING SYSTEM**
[54] **SYSTEME D'ALIMENTATION ET DE CHARGEMENT DE MARQUEUR DE BALLE DE PEINTURE**
[72] ISABELLE, MICHAEL ALLAN, CA
[71] ISABELLE, MICHAEL ALLAN, CA
[22] 2014-07-25
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[30] US (61/858,545) 2013-07-25
[30] US (61/991,357) 2014-05-09

[21] **2,857,841**
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **DOWNHOLE ACTIVATION ASSEMBLY WITH SLEEVE VALVE AND METHOD OF USING SAME**
[54] **ENSEMBLE D'ACTIVATION DE FOND DE TROU AVEC VANNE A MANCHON ET SON PROCEDE D'UTILISATION**
[72] ADAM, MARK, US
[71] NATIONAL OILWELL DHT, L.P., US
[22] 2014-07-25
[41] 2015-01-26
[30] US (61/859,012) 2013-07-26

[21] **2,857,844**
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **ELECTRONICALLY-ACTUATED, MULTI-SET STRADDLE BOREHOLE TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE PUIITS DE FORAGE A CHEVAUCHEMENT A PLUSIEURS REGLAGES ACTIONNE ELECTRONIQUEMENT**
[72] SYMMS, JOSHUA V., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2014-07-25
[41] 2015-01-26
[30] US (13/952,001) 2013-07-26

[21] **2,857,848**
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/13 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **ELECTRONICALLY-ACTUATED, CEMENTING PORT COLLAR**
[54] **COL D'ORIFICE DE CIMENTATION ACTIONNE ELECTRONIQUEMENT**
[72] SYMMS, JOSHUA V., US
[71] WEATHERFORD/LAMB, INC., US
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[41] 2015-01-26
[30] US (13/952,202) 2013-07-26

[21] **2,857,851**
[13] A1

[51] **Int.Cl. B65D 1/40 (2006.01)**
[25] EN
[54] **PERFORATED TOP CURL FOR PLASTIC CONTAINER**
[54] **BORD ROULE SUPERIEUR PERFORE POUR CONTENANT DE PLASTIQUE**
[72] PANTELLERIA, JOSEPH A., US
[71] HUHTAMAKI, INC., US
[22] 2014-07-28
[41] 2015-01-29
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[13] A1

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[25] EN
[54] **SYSTEM AND METHOD FOR OBTAINING INDICATION INFORMATION**
[54] **SYSTEME ET PROCEDE POUR OBTENIR DES INFORMATIONS D'INDICATION**
[72] DING, WEI, CN
[72] YANG, GUOBIN, CN
[71] A. O. SMITH CORPORATION, US
[22] 2014-07-28
[41] 2015-01-29
[30] CN (201310322971.3) 2013-07-29
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[21] **2,857,860**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 17/30 (2006.01) G06T 1/00 (2006.01) H04N 5/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTEGRATED IMAGE CAPTURE FOR VEHICLES TO TRACK DAMAGE**
[54] **PROCEDE ET DISPOSITIF DE CAPTURE D'IMAGE INTEGREE POUR VEHICULES VISANT A ASSURER LE SUIVI DES DOMMAGES**
[72] ALTERMATT, JOHN, US
[72] BORUFF, KELLI, US
[72] CRAWFORD, MATTHEW, US
[72] MATRONI, ROBERT, US
[71] THE CRAWFORD GROUP, INC., US
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[30] US (61/858,315) 2013-07-25
[30] US (14/340,217) 2014-07-24

[21] **2,857,862**
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01) G09B 23/30 (2006.01) G09B 23/32 (2006.01)**
[25] EN
[54] **SURGICAL SIMULATION ASSEMBLY**
[54] **ENSEMBLE DE SIMULATION CHIRURGICALE**
[72] FEINS, RICHARD H., US
[72] BIRCHARD, TOM, US
[72] GRUBBS, W. ANDREW, US
[72] AIKIN, DON, US
[72] FUCCELLA, DANIEL C., US
[71] KINDHEART, INC., US
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[13] A1

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[25] EN
[54] **MULTIPOINT USB CHARGER**
[54] **CHARGEUR USB MULTIPOINT**
[72] FRID, EUGENE, US
[72] OSTROVSKY, MICHAEL, US
[71] LEVITON MANUFACTURING COMPANY, INC., US
[22] 2014-07-28
[41] 2015-01-31
[30] US (61/860,646) 2013-07-31
[30] US (14/275,380) 2014-05-12

[21] **2,857,864**
[13] A1

[51] **Int.Cl. A01C 23/02 (2006.01)**
[25] EN
[54] **AGRICULTURAL EQUIPMENT FLUID DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE POUR EQUIPEMENT AGRICOLE**
[72] BOOTHE, BRIAN, US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2014-07-28
[41] 2015-01-31
[30] US (61/860,349) 2013-07-31

[21] **2,857,865**
[13] A1

[51] **Int.Cl. B65D 83/14 (2006.01)**
[25] EN
[54] **AEROSOL CONTAINER**
[54] **CONTENANT AEROSOL**
[72] SELING, KERSTIN, DE
[72] FRANZ, WALTER, DE
[71] THOMAS GMBH, DE
[22] 2014-07-29
[41] 2015-01-31
[30] DE (10 2013 108 195.9) 2013-07-31

[21] **2,857,867**
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLICATION SPECIFIC LOCKING**
[54] **SYSTEME ET PROCEDE POUR BLOCAGE D'APPLICATION PARTICULIERE**
[72] GARG, NEERAJ, CA
[71] 8318808 CANADA INC., CA
[22] 2014-07-28
[41] 2015-01-31
[30] US (13/955,184) 2013-07-31

[21] **2,857,871**
[13] A1

[51] **Int.Cl. B60R 3/00 (2006.01)**
[25] EN
[54] **INTEGRALLY MOLDED POLYMER HITCH STEP**
[54] **MARCHE POUR ATTELAGE EN POLYMERE MOULE INTEGRALEMENT**
[72] MASANEK, FREDERICK W. JR., US
[72] MACNEIL, DAVID F., US
[71] MACNEIL IP LLC, US
[22] 2014-07-28
[41] 2015-01-29
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[30] US (14/070,275) 2013-11-01
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[13] A1

[51] **Int.Cl. A23D 9/007 (2006.01) A23D 9/04 (2006.01) A23D 9/05 (2006.01) A23P 1/04 (2006.01) A61K 9/48 (2006.01) A61K 35/20 (2006.01) A61K 38/01 (2006.01) A61P 3/02 (2006.01) B01J 13/12 (2006.01)**

[25] EN

[54] **COMPOSITION FOR POLYUNSATURATED FATTY ACIDS ENCAPSULATION AND PROCESS OF PREPARATION**

[54] **COMPOSITION POUR ENCAPSULATION D'ACIDES GRAS POLYINSATURES ET PROCEDE DE PREPARATION**

[72] NIK, AMIR MALAKI, US

[72] LI, JASON ZHIXIN, US

[72] WANG, MEI YIN, US

[72] LIGHT, JOSEPH M., US

[71] CORN PRODUCTS DEVELOPMENT, INC., BR

[22] 2014-07-28

[41] 2015-01-29

[30] US (13/953,079) 2013-07-29

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[13] A1

[51] **Int.Cl. E21B 43/263 (2006.01)**

[25] EN

[54] **HYDRAULICALLY ACTUATED EXPLOSIVE DOWNHOLE TOOL**

[54] **OUTIL DE FOND DE TROU EXPLOSIF ACTIONNE HYDRAULIQUEMENT**

[72] HOFMAN, RAYMOND (DECEASED), US

[72] MUSCROFT, WILLIAM SLOANE, US

[72] JACKSON, STEVE, US

[71] PEAK COMPLETION TECHNOLOGIES, INC., US

[22] 2014-07-28

[41] 2015-01-26

[30] US (61/858,954) 2013-07-26

[21] **2,857,875**
[13] A1

[51] **Int.Cl. F16D 3/84 (2006.01)**

[25] EN

[54] **PROTECTIVE DEVICE FOR UNIVERSAL JOINT TRANSMISSIONS**

[54] **DISPOSITIF PROTECTEUR POUR TRANSMISSIONS A CARDAN**

[72] BRUNAZZI, ACHILLE, IT

[72] TONDELLI, MASSIMO, IT

[71] COMER INDUSTRIES S.P.A., IT

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[41] 2015-01-31

[30] IT (MO2013A000219) 2013-07-31

[21] **2,857,887**
[13] A1

[51] **Int.Cl. A61F 2/08 (2006.01) A61F 2/02 (2006.01)**

[25] EN

[54] **ADJUSTABLE GRAFT FIXATION DEVICE**

[54] **DISPOSITIF DE FIXATION DE GREFFE REGLABLE**

[72] PASQUALI, MEGHAN A., US

[72] GUSTAFSON, ADAM C., US

[71] MEDOS INTERNATIONAL SARL, CH

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[41] 2015-01-31

[30] US (61/860,680) 2013-07-31

[30] US (14/340,683) 2014-07-25

[21] **2,857,888**
[13] A1

[51] **Int.Cl. B01D 21/02 (2006.01) B01D 21/24 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR TREATING SLURRIES**

[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE BOUES**

[72] ONSTAD, LORNE DEAN, CA

[72] SIMONEAU, CORDELL, CA

[71] CALX LIMITED, CA

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[30] US (61/988,536) 2014-05-05

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[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 10/02 (2012.01) G06T 1/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REAL-TIME QUALIFICATION OF RENTAL CUSTOMERS**

[54] **METHODE ET DISPOSITIF POUR QUALIFICATION EN TEMPS REEL DE CLIENTS DE LOCATION**

[72] SHOEN, EDWARD J., US

[72] COLMAN, MICHAEL GEORGE, US

[72] REID, MARIAH ANNE, US

[72] TONAN, ARTHUR SCOTT, US

[72] WATHEN, JOHN SAMUEL, US

[71] U-HAUL INTERNATIONAL, INC., US

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[41] 2015-01-26

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[21] **2,857,910**
[13] A1

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[54] **CELLULAR TENDONS FOR TLP**

[54] **CABLES CELLULAIRES POUR PLATE-FORME A CABLES TENDUS**

[72] YU, ZHUOMING JIM, US

[72] WU, CHUNFA, US

[71] WORLEYPARSONS GROUP, INC., US

[22] 2014-07-30

[41] 2015-01-31

[30] US (61/860,409) 2013-07-31

[30] US (61/868,760) 2013-08-22

[30] US (14/104,620) 2013-12-12

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[13] A1

[51] **Int.Cl. B62B 3/02 (2006.01) A47B 43/00 (2006.01) A47B 97/00 (2006.01) A47F 5/10 (2006.01)**

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[54] **FOLDING SHELF CARRIAGE**

[54] **CHARIOT D'ETAGERE PLIANT**

[72] KAHLER, SHAWN MICHAEL, US

[72] DOYLE, DON RICHARD, JR., US

[71] MADIX, INC., US

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[41] 2015-01-31

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[13] A1

[51] **Int.Cl. E21B 4/02 (2006.01)**
[25] EN
[54] **DOWNHOLE MOTOR COUPLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COUPLAGE DE MOTEUR DE FOND DE TROU**
[72] PHUNG, DOUG P., US
[72] TEODORESCU, SORIN GABRIEL, US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2014-07-30
[41] 2015-01-31
[30] US (61/860,490) 2013-07-31

[21] **2,858,026**
[13] A1

[51] **Int.Cl. F23G 7/06 (2006.01) F23N 1/04 (2006.01)**
[25] EN
[54] **AUXILIARY BURNER ASSEMBLY AND CONTROL SYSTEM FOR COMBUSTING VENT GASES IN PETROLEUM PRODUCTION AND PROCESSING**
[54] **ENSEMBLE BRULEUR AUXILIAIRE ET SYSTEME DE COMMANDE POUR BRULER DES GAZ EVACUES DANS LE CADRE DE LA PRODUCTION ET DU TRAITEMENT DU PETROLE**
[72] MALM, HOWARD L., CA
[72] KEAST, LESLIE A., CA
[71] REM TECHNOLOGY INC., CA
[22] 2014-07-31
[41] 2015-01-31
[30] CA (2,822,267) 2013-07-31

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[13] A1

[51] **Int.Cl. F24H 3/06 (2006.01)**
[25] EN
[54] **FORCED AIR HEATER**
[54] **AEROTHERME**
[72] POURVASH, MOJTABA, CA
[71] CAFRAMO LIMITED, CA
[22] 2014-07-30
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[21] **2,858,056**
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) B60R 11/00 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGER**
[54] **CHARGEUR DE BATTERIE**
[72] WRIGHT, CLIFFORD, US
[71] ELITE LIFESTYLE PRODUCTS L.P., CA
[22] 2014-07-30
[41] 2015-01-30
[30] US (61/860,049) 2013-07-30

[21] **2,858,103**
[13] A1

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[25] EN
[54] **WATER TEMPERING SYSTEM**
[54] **SYSTEME DE REGLAGE DE TEMPERATURE D'EAU**
[72] JEBRAN, NASSIM, CA
[72] MAZZULLO, LOUIE, CA
[72] MAZZULLO, FRANK, CA
[72] BASKOVIC, BERNARD, CA
[71] 2397593 ONTARIO INC., CA
[22] 2014-07-30
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[30] US (61/859,948) 2013-07-30
[30] US (61/910,174) 2013-11-29

[21] **2,858,116**
[13] A1

[51] **Int.Cl. C08L 1/02 (2006.01) B01D 53/02 (2006.01) B01D 53/62 (2006.01) B27N 3/02 (2006.01) C08K 7/00 (2006.01)**
[25] EN
[54] **COMPOSITE BUILDING PRODUCTS BOUND WITH CELLULOSE NANOFIBERS**
[54] **PRODUITS DE CONSTRUCTION COMPOSITES LIES PAR DES NANOFIBRES DE CELLULOSE**
[72] BILODEAU, MICHAEL A., US
[72] BOUSFIELD, DOUGLAS W., US
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
[22] 2014-07-31
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[30] US (61/860,533) 2013-07-31

[21] **2,858,170**
[13] A1

[51] **Int.Cl. B60K 11/02 (2006.01) B62D 55/07 (2006.01) B62D 55/08 (2006.01) B62M 27/02 (2006.01)**
[25] EN
[54] **ICE SCRATCHER FOR A SNOWMOBILE**
[54] **RACLETTE A GLACE DESTINEE A UNE MOTONEIGE**
[72] BEDARD, YVON, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2014-07-31
[41] 2015-01-31
[30] US (61/860,851) 2013-07-31

[21] **2,858,215**
[13] A1

[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/08 (2012.01)**
[25] EN
[54] **CLOUD-BASED ELECTRONIC PAYMENT PROCESSING**
[54] **TRAITEMENT DE PAIEMENT ELECTRONIQUE EN NUAGE**
[72] D'AGOSTINO, DINO, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2014-07-29
[41] 2015-01-29
[30] US (61/859,418) 2013-07-29

[21] **2,858,291**
[13] A1

[51] **Int.Cl. A63F 9/08 (2006.01)**
[25] EN
[54] **PUZZLE GAME HAVING ASSOCIATED INTERNAL AND EXTERNAL IMAGES**
[54] **JEU DE CASSE-TETE COMPORTANT DES IMAGES INTERNES ET EXTERNES ASSOCIEES**
[72] DYRDAHL, LINK, US
[71] RAINSTORM VENTURES, US
[22] 2014-07-31
[41] 2015-01-31
[30] US (13/955801) 2013-07-31

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[13] A1

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[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR MODULAR COMPOST CONTROL**
[54] **APPAREIL, SYSTEMES ET PROCÉDES POUR COMMANDE DE COMPOST MODULAIRE**
[72] OCEJO, MATEO, CA
[71] NET ZERO WASTE INC., CA
[22] 2014-07-31
[41] 2015-01-31
[30] US (61/860700) 2013-07-31

[21] **2,858,384**
[13] A1

[51] **Int.Cl. A63B 59/70 (2015.01) B29C 44/18 (2006.01)**
[25] EN
[54] **HOCKEY-STICK BLADE WITH REINFORCING FRAME**
[54] **LAME DE BATON DE HOCKEY AVEC OSSATURE DE RENFORCEMENT**
[72] DAVIS, STEPHEN J., US
[71] EASTON SPORTS, INC., US
[22] 2014-07-29
[41] 2015-01-30
[30] US (13/954,799) 2013-07-30

[21] **2,863,603**
[13] A1

[51] **Int.Cl. E21B 34/10 (2006.01) E21B 21/08 (2006.01) E21B 33/10 (2006.01)**
[25] FR
[54] **DOME CERAMIQUE DE RUPTURE POUR REGULATION DE PRESSION**
[54] **CERAMIC RUPTURE DOME FOR PRESSURE CONTROL**
[72] PETROWSKY, CONRAD, CA
[71] ARMOR TOOLS INTERNATIONAL INC., CA
[22] 2014-09-10
[41] 2015-01-26

[21] **2,865,992**
[13] A1

[51] **Int.Cl. B65D 90/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **CLOSURE FOR FLUID PORTS IN A PRODUCTION TANK**
[54] **FERMETURE POUR ORIFICES POUR FLUIDES DANS UN RESERVOIR DE PRODUCTION**
[72] LIPINSKI, JOHN, CA
[71] TRINITY HIGH - TECH PRODUCTS LTD., CA
[22] 2014-09-26
[41] 2015-01-26

[21] **2,866,005**
[13] A1

[51] **Int.Cl. B65D 90/00 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF RISER FOR A PRODUCTION TANK**
[54] **COLONNE MONTANTE A LIMITEUR DE PRESSION POUR RESERVOIR DE PRODUCTION**
[72] LIPINSKI, JOHN, CA
[71] TRINITY HIGH - TECH PRODUCTS LTD., CA
[22] 2014-09-26
[41] 2015-01-26

[21] **2,872,221**
[13] A1

[51] **Int.Cl. B65D 75/36 (2006.01) A61J 1/03 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **MEDICATION COMPLIANCE PACKAGE WITH HAND HOLE**
[54] **PLAQUETTE AIDE-MEMOIRE POUR MEDICAMENT AVEC TROU D'ACCES**
[72] WEBSTER, JOHN L., CA
[72] MOURANT, FIONA W., CA
[71] 62770 MANITOBA LTD., CA
[22] 2014-11-26
[41] 2015-01-28

[21] **2,872,375**
[13] A1

[51] **Int.Cl. B64C 21/10 (2006.01) F15D 1/10 (2006.01)**
[25] EN
[54] **PROFILED ELEMENT FOR GENERATING A FORCE**
[54] **PROFILE GENERANT UNE FORCE**
[72] LAFOREST, REMI, CA
[71] LAFOREST, REMI, CA
[22] 2014-11-25
[41] 2015-01-27

[21] **2,872,425**
[13] A1

[51] **Int.Cl. A47F 5/16 (2006.01) A63J 1/00 (2006.01) E04H 3/28 (2006.01)**
[25] EN
[54] **MODULAR DISPLAY UNIT**
[54] **PRESENTOIR MODULABLE**
[72] MARTELL, TIMOTHY J., US
[72] CLARK, JEREMY A., US
[72] JOHNSON, JASON W., US
[71] TARGET BRANDS, INC., US
[22] 2014-11-27
[41] 2015-01-29
[30] US (14/486,180) 2014-09-15

[21] **2,872,432**
[13] A1

[51] **Int.Cl. B65B 23/00 (2006.01) B65B 11/00 (2006.01)**
[25] EN
[54] **FLAT SCREEN DISPLAY DEVICE PACKAGING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCÉDE D'EMBALLAGE DE DISPOSITIF D'AFFICHAGE A ECRAN PLAT**
[72] FLYNN, MATT, US
[72] MARQUARDT, RYAN, US
[72] FURNESS, SIMON, US
[72] COX, ADRIAN, US
[71] TARGET BRANDS, INC., US
[22] 2014-11-27
[41] 2015-01-29
[30] US (14/482,140) 2014-09-10

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January 25, 2015 to January 31, 2015**

[21] **2,872,436**

[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**

[25] EN

[54] **RETAIL STORE LAYOUT BASED
ON ONLINE ACTIONS**

[54] **AMENAGEMENT DE MAGASIN
DE DETAIL BASE SUR DES
ACTIONS EN LIGNE**

[72] RANGARAJAN, BHARATH KUMAR,
US

[71] TARGET BRANDS, INC., US

[22] 2014-11-27

[41] 2015-01-29

[30] US (14/464,236) 2014-08-20

[21] **2,872,736**

[13] A1

[51] **Int.Cl. E21B 21/10 (2006.01) E21B
7/24 (2006.01)**

[25] EN

[54] **FLOW CONTROLLING
DOWNHOLE TOOL**

[54] **OUTIL DE FOND DE TROU DE
REGULATION DE FLUX**

[72] LORENSON, TROY, CA

[72] NICHOLSON, DAVID, CA

[72] MACEK, PETR, CA

[71] TLL OILFIELD CONSULTING LTD.,
CA

[71] ACURA MACHINE INC., CA

[22] 2014-12-02

[41] 2015-01-30

[30] US (61/911,286) 2013-12-03

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[51] Int.Cl. H04W 4/06 (2009.01) [25] EN [54] COMMUNICATION SYSTEM AND METHOD, COMPUTER PROGRAM AND CORRESPONDING STORAGE MEANS [54] SYSTEME DE COMMUNICATION, ET PROCEDE, PROGRAMME D'ORDINATEUR ET MOYENS DE STOCKAGE CORRESPONDANTS [72] BARD, YVES, FR [72] ALLARD, GERAUD, FR [72] RAYMOND, GILLES, FR [72] COURTET, PATRICE, FR [71] SAGEM DEFENSE SECURITE, FR [85] 2013-11-06 [86] 2012-05-02 (PCT/EP2012/058020) [87] (WO2012/156202) [30] FR (11/54262) 2011-05-17	[51] Int.Cl. E21C 35/24 (2006.01) E21C 33/00 (2006.01) E21C 35/08 (2006.01) G01S 19/42 (2010.01) G08G 1/123 (2006.01) [25] EN [54] MANAGEMENT SYSTEM AND MANAGEMENT METHOD OF MINING MACHINE [54] SYSTEME DE GESTION ET PROCEDE DE GESTION POUR MACHINE DE MINE [72] TOJIMA, MASANORI, JP [72] RYUMAN, MITSUHIRO, JP [71] KOMATSU LTD., JP [85] 2014-04-23 [86] 2013-07-30 (PCT/JP2013/070665) [87] (2849465)	[51] Int.Cl. H01M 10/056 (2010.01) H01G 11/60 (2013.01) C08G 77/46 (2006.01) C08L 83/12 (2006.01) [25] EN [54] SILICONE EPOXY ETHER COMPOSITIONS, METHODS FOR MAKING SAME AND USES THEREFOR [54] COMPOSITIONS A BASE D'ETHER DE SILICONE ET D'EPOXY, PROCEDES DE FABRICATION ET APPLICATIONS ASSOCIES [72] GUPTA, NEERAJ, IN [72] SIVASUBRAMANIAN, KARTHIKEYAN, IN [72] PHUKAN, MONJIT, IN [71] MOMENTIVE PERFORMANCE MATERIALS, INC., US [85] 2014-07-09 [86] 2013-01-10 (PCT/US2013/020983) [87] (WO2013/106537) [30] US (61/584,961) 2012-01-10
[21] 2,843,925 [13] A1	[21] 2,861,663 [13] A1	[21] 2,864,582 [13] A1
[51] Int.Cl. F25B 29/00 (2006.01) F24F 1/06 (2011.01) F25B 41/04 (2006.01) F25B 49/02 (2006.01) [25] EN [54] AIR CONDITIONING SYSTEM AND OPERATION METHOD FOR AIR CONDITIONING SYSTEM [54] DISPOSITIF DE CONDITIONNEMENT DE L'AIR ET METHODE DE FONCTIONNEMENT DU DISPOSITIF DE CONDITIONNEMENT DE L'AIR [72] MURAKAMI, TAKANOBU, JP [71] ECO FACTORY CO., LTD., JP [85] 2014-02-19 [86] 2013-09-27 (PCT/JP2013/076277) [87] (2843925) [30] JP (2013-155956) 2013-07-26	[51] Int.Cl. A63B 31/00 (2006.01) A63B 69/12 (2006.01) A63K 3/02 (2006.01) [25] EN [54] START ASSIST DEVICE FOR SWIMMERS WITH POSITIONING AND REMOVAL MECHANISM [54] DISPOSITIF D'AIDE AU DEMARRAGE POUR NAGEURS DOTE D'UN MECANISME DE POSITIONNEMENT ET DE RETRAIT [72] STOCKINGER, CHRISTIAN, US [72] SOLANYK, ERIC, US [71] COLORADO TIMES SYSTEMS, US [85] 2014-06-25 [86] 2013-07-31 (PCT/US2013/052900) [87] (2861663)	[51] Int.Cl. B01J 21/04 (2006.01) B01J 23/80 (2006.01) B01J 29/06 (2006.01) C07C 41/01 (2006.01) C07C 43/04 (2006.01) [25] EN [54] CATALYTICALLY ACTIVE BODY FOR THE SYNTHESIS OF DIMETHYL ETHER FROM SYNTHESIS GAS [54] CORPS CATALYTIQUEMENT ACTIF POUR LA SYNTHESE DE DIMETHYLETHER A PARTIR DE GAZ DE SYNTHESE [72] SCHAEFER, ALEXANDER, DE [72] VON FEHREN, THORSTEN, DE [72] MADON, ROSTAM, US [71] BASF SE, DE [85] 2014-08-13 [86] 2013-02-14 (PCT/EP2013/052959) [87] (WO2013/120945) [30] US (61/598,931) 2012-02-15

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[21] **2,866,633**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **IMPLANT WITH MULTI-DIRECTIONAL PIVOTING**
[54] **IMPLANT A PIVOTEMENT MULTIDIRECTIONNEL**
[72] WHITESIDE, LEO A., US
[71] SIGNAL MEDICAL CORPORATION, US
[85] 2014-09-05
[86] 2012-04-20 (PCT/US2012/000214)
[87] (WO2012/145043)

[21] **2,868,116**
[13] A1

[51] **Int.Cl. A63H 1/30 (2006.01)**
[25] EN
[54] **A YOYO CAPABLE TO BE MANUALLY ACCELERATED WHEN HELD BY HANDS**
[54] **YOYO POUVANT ETRE ACCELERER MANUELLEMENT LORSQUE TENU EN MAIN**
[72] CAI, DONGQING, CN
[71] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., AF
[71] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[71] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[85] 2014-10-16
[86] 2013-11-30 (PCT/CN2013/088244)
[87] (2868116)
[30] CN (201310321577.8) 2013-07-29

[21] **2,868,247**
[13] A1

[51] **Int.Cl. G06F 12/00 (2006.01) G06F 11/16 (2006.01) G06F 12/16 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **DATA SENDING METHOD, DATA RECEIVING METHOD, AND STORAGE DEVICE**
[54] **METHODE D'ENVOI DE DONNEES, METHODE DE RECEPTION DE DONNEES ET DISPOSITIF DE STOCKAGE**
[72] OUYANG, JI, CN
[72] ZOU, YE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-09-19
[86] 2013-07-26 (PCT/CN2013/080203)
[87] (2868247)

[21] **2,876,133**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **HUMAN BISPECIFIC EGFRVIII ANTIBODY ENGAGING MOLECULES**
[54] **MOLECULES ENTRANT EN CONTACT AVEC UN ANTICORPS BISPECIFIQUE HUMAIN CONTRE EGFRVIII**
[72] BIGNER, DARELL, US
[72] KUAN, CHIEN-TSUN, US
[72] SAMPSON, JOHN, US
[72] CHOI, BRYAN, US
[72] PASTAN, IRA H., US
[71] DUKE UNIVERSITY, US
[71] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2014-12-08
[86] 2013-06-07 (PCT/US2013/044672)
[87] (WO2013/185010)
[30] US (61/656,717) 2012-06-07

[21] **2,876,619**
[13] A1

[51] **Int.Cl. F25J 3/08 (2006.01) B01D 3/00 (2006.01) B01D 5/00 (2006.01) B01D 53/00 (2006.01) C01B 31/20 (2006.01) F25J 3/06 (2006.01)**
[25] FR
[54] **METHOD AND APPARATUS FOR PURIFYING A CARBON DIOXIDE-RICH MIXTURE AT A LOW TEMPERATURE**
[54] **PROCEDE ET APPAREIL DE PURIFICATION D'UN MELANGE RICHE EN DIOXYDE DE CARBONE A BASSE TEMPERATURE**
[72] BRIGLIA, ALAIN, FR
[72] DARDE, ARTHUR, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2014-12-12
[86] 2013-07-10 (PCT/FR2013/051649)
[87] (WO2014/009658)
[30] FR (1256778) 2012-07-13

[21] **2,876,620**
[13] A1

[51] **Int.Cl. F25J 3/08 (2006.01) B01D 3/00 (2006.01) B01D 5/00 (2006.01) B01D 53/00 (2006.01) C01B 31/20 (2006.01) F25J 3/06 (2006.01)**
[25] FR
[54] **METHOD AND APPARATUS FOR SEPARATING A CARBON DIOXIDE-RICH GAS**
[54] **PROCEDE ET APPAREIL DE SEPARATION D'UN GAZ RICHE EN DIOXYDE DE CARBONE**
[72] DAVIDIAN, BENOIT, FR
[72] LECLERC, MATHIEU, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2014-12-12
[86] 2013-07-11 (PCT/FR2013/051658)
[87] (WO2014/009664)
[30] FR (1256785) 2012-07-13

[21] **2,876,668**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A01N 25/22 (2006.01) A01N 25/30 (2006.01) A61P 17/02 (2006.01) A61P 31/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **STABLE PEXIGANAN FORMULATION**
[54] **FORMULATION STABLE DE PEXIGANAN**
[72] DESAI, NAYAN, US
[71] DIPEXIIUM PHARMACEUTICALS, INC., US
[85] 2014-12-12
[86] 2013-06-10 (PCT/US2013/044957)
[87] (WO2013/188286)
[30] US (13/494,295) 2012-06-12

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[21] **2,876,983**
[13] A1

[51] **Int.Cl. A61K 8/85 (2006.01) A61K 8/06 (2006.01) A61K 8/55 (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] 2014-12-16

[86] 2013-06-18 (PCT/US2013/046326)

[87] (WO2014/004171)

[30] US (13/535,899) 2012-06-28

[30] US (13/710,546) 2012-12-11

[21] **2,877,026**
[13] A1

[51] **Int.Cl. C07D 417/04 (2006.01) C07D 317/18 (2006.01) C07D 317/72 (2006.01)**

[25] EN

[54] **METHOD FOR THE PREPARATION OF THIADIAZOLES**

[54] **PROCEDE POUR LA PREPARATION DE THIADIAZOLES**

[72] BERCOT, ERIC A., US

[72] BIO, MATTHEW, US

[72] CHAN, JOHANN, US

[72] COLYER, JOHN, US

[72] FANG, YUANQING, US

[72] MENNEN, STEVEN, US

[72] MILBURN, ROBERT R., US

[72] TEDROW, JASON, US

[72] RIAHI, BABAK, US

[71] AMGEN INC., US

[85] 2014-11-14

[86] 2013-05-17 (PCT/US2013/041504)

[87] (WO2013/173672)

[30] US (61/648,928) 2012-05-18

[21] **2,877,345**
[13] A1

[51] **Int.Cl. A61K 8/86 (2006.01) A61K 8/06 (2006.01) A61K 8/55 (2006.01) A61Q 17/04 (2006.01)**

[25] EN

[54] **SUNSCREEN COMPOSITIONS CONTAINING AN ULTRAVIOLET RADIATION-ABSORBING POLYMER**

[54] **COMPOSITIONS D'ECRAN SOLAIRE CONTENANT UN POLYMERE ABSORBANT LE RAYONNEMENT ULTRAVIOLET**

[72] DALY, SUSAN, US

[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US

[85] 2014-12-18

[86] 2013-06-25 (PCT/US2013/047568)

[87] (WO2014/004474)

[30] US (61/665,464) 2012-06-28

[21] **2,878,133**
[13] A1

[51] **Int.Cl. C04B 22/06 (2006.01) C01F 11/02 (2006.01) C04B 2/04 (2006.01) C09C 1/02 (2006.01)**

[25] FR

[54] **HIGH-FINESSE LIMEWATER COMPOSITION**

[54] **COMPOSITION DE LAIT DE CHAUX DE GRANDE FINESSE**

[72] GARTNER, ROBERT SEBASTIAN, BE

[72] DIAZ CHAVEZ, LUIS ALFREDO, BE

[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE

[85] 2014-12-30

[86] 2013-09-12 (PCT/EP2013/068906)

[87] (WO2014/041068)

[30] BE (2012/0602) 2012-09-12

[30] US (61/719,622) 2012-10-29

[21] **2,878,140**
[13] A1

[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/32 (2006.01) A61N 1/36 (2006.01)**

[25] EN

[54] **A DEVICE FOR AUGMENTING BLOOD FLOW, TISSUE PERFUSION AND FLUID DISTRIBUTION BY NEUROMUSCULAR STIMULATION IN HORSES AND OTHER NON-HUMAN MAMMALS**

[54] **DISPOSITIF D'AUGMENTATION DU DEBIT SANGUIN, DE LA PERFUSION TISSULAIRE ET DE LA REPARTITION DE FLUIDES PAR STIMULATION NEUROMUSCULAIRE CHEZ LES CHEVAUX ET AUTRES MAMMIFERES NON HUMAINS**

[72] TUCKER, ARTHUR, GB

[72] BAIN, DUNCAN, GB

[72] FIRTH, GREGORY JAMES, GB

[71] SKY MEDICAL TECHNOLOGY LTD., DE

[85] 2014-12-30

[86] 2013-06-28 (PCT/GB2013/051718)

[87] (WO2014/006378)

[30] GB (1211685.1) 2012-07-02

[21] **2,878,159**
[13] A1

[51] **Int.Cl. C11D 3/37 (2006.01) C11D 17/04 (2006.01) D06F 35/00 (2006.01)**

[25] EN

[54] **IMPROVED CLEANING FORMULATION AND METHOD**

[54] **FORMULATION ET PROCEDE DE NETTOYAGE AMELIORES**

[72] WADDON, ALAN JOHN, GB

[72] BIRD, ROBERT ANDREW, GB

[72] JENKINS, STEPHEN DEREK, GB

[71] XEROS LIMITED, GB

[85] 2014-12-30

[86] 2013-07-08 (PCT/GB2013/051796)

[87] (WO2014/006425)

[30] GB (1212096.0) 2012-07-06

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[21] **2,878,178**
[13] A1

[51] **Int.Cl. H04N 19/15 (2014.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01)**

[25] EN

[54] **VIDEO PREDICTION ENCODING DEVICE, VIDEO PREDICTION ENCODING METHOD, VIDEO PREDICTION ENCODING PROGRAM, VIDEO PREDICTION DECODING DEVICE, VIDEO PREDICTION DECODING METHOD, AND VIDEO PREDICTION DECODING PROGRAM**

[54] **DISPOSITIF, PROCEDE ET PROGRAMME DE CODAGE DE PREDICTION DE VIDEO, DISPOSITIF, PROCEDE ET PROGRAMME DE DECODAGE DE PREDICTION DE VIDEO**

[72] FUJIBAYASHI, AKIRA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIEW KENG, JP
[71] NTT DOCOMO, INC., JP
[85] 2014-12-30
[86] 2013-04-24 (PCT/JP2013/062061)
[87] (WO2014/006959)
[30] JP (2012-148310) 2012-07-02

[21] **2,878,184**
[13] A1

[51] **Int.Cl. G06Q 50/24 (2012.01) H04L 12/16 (2006.01) H04L 12/46 (2006.01)**

[25] EN

[54] **METHODS FOR REMOTELY ACCESSING ELECTRONIC MEDICAL RECORDS WITHOUT HAVING PRIOR AUTHORIZATION**

[54] **PROCEDES POUR ACCEDER A DISTANCE A DES DOSSIERS MEDICAUX ELECTRONIQUES SANS AVOIR UNE AUTORISATION PREALABLE**

[72] CALLAHAN, TERRANCE, CA
[72] BIALACH, ROMAN, CA
[72] YEUNG, CHUN MAN, CA
[71] HIPAAT INC., CA
[85] 2014-12-31
[86] 2012-07-05 (PCT/CA2012/000648)
[87] (WO2013/003949)
[30] US (61/504,526) 2011-07-05

[21] **2,878,193**
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **METHOD, SYSTEM AND SERVER FOR PUSHING INFORMATION**

[54] **PROCEDE, SYSTEME ET SERVEUR POUR « POUSSER » DES DONNEES**

[72] XUE, DI, CN
[72] LI, ZONGBO, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2014-12-31
[86] 2013-06-26 (PCT/CN2013/077991)
[87] (WO2014/008811)
[30] CN (201210239165.5) 2012-07-11

[21] **2,878,197**
[13] A1

[51] **Int.Cl. A01C 1/06 (2006.01) A01N 61/00 (2006.01) A01P 21/00 (2006.01)**

[25] EN

[54] **GROWTH ENHANCEMENT OF PLANT**

[54] **AMELIORATION DE LA CROISSANCE D'UNE PLANTE**

[72] JI, PENGFEI, CN
[72] CRISTOBAL, GALDER, SG
[71] RHODIA OPERATIONS, FR
[85] 2014-12-31
[86] 2013-07-08 (PCT/CN2013/078982)
[87] (WO2014/005555)
[30] CN (PCT/CN2012/078274) 2012-07-06

[21] **2,878,204**
[13] A1

[51] **Int.Cl. A01B 71/04 (2006.01) F16C 33/78 (2006.01)**

[25] EN

[54] **BEARING UNIT FOR A DOUBLE DISC COULTER**

[54] **UNITE PALIER POUR SOC A DOUBLE DISQUE**

[72] GEBBEKEN, MARTIN, DE
[72] WERRIES, DIETER, DE
[72] PAESSENS, CHRISTIAN, DE
[72] LUKAS, THOMAS, DE
[72] BERENDSEN, MARK, NL
[72] GOTZEN, CHRISTIAN, DE
[72] GERAATS, MARCEL, DE
[71] LEMKEN GMBH & CO. KG, DE
[85] 2014-12-31
[86] 2013-07-09 (PCT/DE2013/000371)
[87] (WO2014/008882)
[30] DE (10 2012 013 686.2) 2012-07-09

[21] **2,878,218**
[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01) A61B 5/153 (2006.01) A61B 5/154 (2006.01) A61M 5/315 (2006.01)**

[25] EN

[54] **DEVICE FOR EXTRACTING, STORING AND/OR PROCESSING BLOOD OR OTHER SUBSTANCES OF HUMAN OR ANIMAL ORIGIN, AND FOR APPLYING BLOOD COMPOUNDS OR OTHER BIOLOGICAL COMPOUNDS**

[54] **DISPOSITIF POUR L'EXTRACTION, LE STOCKAGE ET/OU LE TRAITEMENT DU SANG OU D'AUTRES SUBSTANCES D'ORIGINE HUMAINE OU ANIMALE, ET POUR L'APPLICATION DE COMPOSES SANGUINS OU D'AUTRES COMPOSES BIOLOGIQUES**

[72] ANITUA ALDECOA, EDUARDO, ES
[71] BIOTECHNOLOGY INSTITUTE, I MAS D, S.L., ES
[85] 2014-12-31
[86] 2013-07-02 (PCT/ES2013/000156)
[87] (WO2014/006238)
[30] ES (P 201200691) 2012-07-03

[21] **2,878,229**
[13] A1

[51] **Int.Cl. H04W 16/14 (2009.01) H04W 40/12 (2009.01) H04W 84/18 (2009.01)**

[25] EN

[54] **COMMUNICATION MANAGEMENT DEVICE AND COMMUNICATION MANAGEMENT METHOD**

[54] **DISPOSITIF DE GESTION DE COMMUNICATION ET PROCEDE DE GESTION DE COMMUNICATION**

[72] ISHIZU, KENTARO, JP
[72] HARADA, HIROSHI, JP
[71] NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY INCORPORATED ADMINISTRATIVE AGENCY, JP
[85] 2014-12-31
[86] 2012-11-28 (PCT/JP2012/007628)
[87] (WO2014/006664)
[30] JP (2012-151651) 2012-07-05

Demandes PCT entrant en phase nationale

[21] **2,878,282**
[13] A1

[51] **Int.Cl. G05D 1/02 (2006.01) B66C 9/16 (2006.01) E21C 47/02 (2006.01) G01D 1/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETECTING AND FURTHER PROCESSING THE POSITION OF AT LEAST ONE STORAGE SPACE DEVICE MOVING BULK MATERIAL**

[54] **SYSTEME ET PROCEDE DE DETECTION ET DE MODIFICATION ULTERIEURE DE LA POSITION D'AU MOINS UN APPAREIL D'ENTREPOSAGE DEPLACANT UN PRODUIT EN VRAC**

[72] GRALOW, BERND, DE
[72] HOLZBECHER, KLAUS, DE
[72] MULLER, DIETMAR, DE
[71] ABB AG, DE
[71] MITTELDEUTSCHE BRAUNKOHLENGESSELLSCHAFT MBH, DE
[85] 2015-01-02
[86] 2013-07-02 (PCT/EP2013/001924)
[87] (WO2014/005692)
[30] DE (10 2012 013 282.4) 2012-07-05

[21] **2,878,406**
[13] A1

[51] **Int.Cl. H01M 14/00 (2006.01) C09B 57/10 (2006.01) H01L 31/04 (2014.01)**

[25] EN

[54] **PHOTOELECTRIC CONVERSION LAYER COMPOSITION AND PHOTOELECTRIC CONVERSION ELEMENT**

[54] **COMPOSITION DE COUCHE DE CONVERSION PHOTOELECTRIQUE ET ELEMENT DE CONVERSION PHOTOELECTRIQUE**

[72] FUKUI, KAZUHISA, JP
[72] SAKURAI, MAMI, JP
[72] MATSUKAWA, TERUKI, JP
[71] DAICEL CORPORATION, JP
[85] 2015-01-06
[86] 2013-07-24 (PCT/JP2013/070038)
[87] (WO2014/017536)
[30] JP (2012-167205) 2012-07-27

[21] **2,878,410**
[13] A1

[51] **Int.Cl. B66D 3/16 (2006.01)**

[25] EN

[54] **CHAIN BLOCK**

[54] **MOUFLE A CHAINE**

[72] ISHIKAWA, KAZUMITSU, JP
[72] SANO, HIROKI, JP
[72] KOSUGA, KOSUKE, JP
[71] KITO CORPORATION, JP
[85] 2015-01-06
[86] 2013-07-29 (PCT/JP2013/070458)
[87] (WO2014/021255)
[30] JP (2012-168498) 2012-07-30

[21] **2,878,417**
[13] A1

[51] **Int.Cl. A01K 1/01 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR CLEANING CUBICLES**

[54] **PROCEDE ET DISPOSITIF DE NETTOYAGE DE BOX**

[72] AGAYEV, SAMIR, NL
[72] BAS, CAVLAN, NL
[71] LELY PATENT N.V., NL
[85] 2015-01-06
[86] 2013-07-19 (PCT/NL2013/050545)
[87] (WO2014/021712)
[30] NL (2009264) 2012-08-02
[30] NL (2009985) 2012-12-14

[21] **2,878,458**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/03 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DERMATOLOGICAL TREATMENT**

[54] **PROCEDE ET APPAREIL POUR UN TRAITEMENT DERMATOLOGIQUE**

[72] ANDERSON, RICHARD R., US
[72] AVRAM, MATHEW, US
[72] SAKAMOTO, FERNANDA H., US
[72] LIMPIANGKANAN, WIKUNDA, US
[72] FARINELLI, WILLIAM A., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2015-01-05
[86] 2013-07-05 (PCT/US2013/049445)
[87] (WO2014/008470)
[30] US (61/668,744) 2012-07-06

[21] **2,878,483**
[13] A1

[51] **Int.Cl. B60N 2/02 (2006.01)**

[25] FR

[54] **METHOD FOR CALIBRATING AN ACTUATING DEVICE**

[54] **PROCEDE DE CALIBRAGE D'UN DISPOSITIF D'ACTIONNEMENT**

[72] PIAULET, JEAN-FRANCOIS, FR
[72] BIZIEN, SEBASTIEN, FR
[72] BERTHOULOUX, ALAIN, FR
[71] PGA ELECTRONIC, FR
[85] 2015-01-06
[86] 2013-07-09 (PCT/EP2013/064463)
[87] (WO2014/009356)
[30] FR (1256580) 2012-07-09

[21] **2,878,488**
[13] A1

[51] **Int.Cl. A01C 7/08 (2006.01)**

[25] EN

[54] **GROUND OPENER ASSEMBLY WITH DUAL GAUGE CONTROL**

[54] **ENSEMBLE D'OUVERTURE DU SOL AYANT UNE COMMANDE DE DOUBLE GAUGE**

[72] BEAUJOT, PATRICK M., CA
[72] MELANSON, BARRY K., CA
[71] ONE PASS IMPLEMENTS INC., CA
[85] 2015-01-07
[86] 2013-07-25 (PCT/CA2013/050581)
[87] (WO2014/015438)
[30] US (61/676,133) 2012-07-26

[21] **2,878,492**
[13] A1

[51] **Int.Cl. G06F 11/30 (2006.01) G06F 11/32 (2006.01)**

[25] EN

[54] **AN INTERFACE FOR A POWER TOOL**

[54] **INTERFACE POUR UN OUTIL MOTORISE**

[72] RICKEY, TODD BRANDON, CN
[72] ZHOU, HAIJUN, CN
[71] TECHTRONIC OUTDOOR PRODUCTS TECHNOLOGY LIMITED, BM
[85] 2015-01-07
[86] 2012-07-09 (PCT/CN2012/078392)
[87] (WO2014/008627)

PCT Applications Entering the National Phase

[21] **2,878,496**
[13] A1

[51] **Int.Cl. A61K 36/61 (2006.01) A61P 17/10 (2006.01)**

[25] FR

[54] **USE OF A MYRTLE EXTRACT AS AN ANTI-BIOFILM AGENT AGAINST P. ACNES**

[54] **UTILISATION D'UN EXTRAIT DE MYRTE EN TANT QU'AGENT ANTI-BIOFILM VIS-A-VIS DE P. ACNES**

[72] LUC, JOELLE, FR

[72] FIORINI-PUYBARET, CHRISTEL, FR

[71] PIERRE FABRE DERMOCOSMETIQUE, FR

[85] 2015-01-07

[86] 2013-07-08 (PCT/EP2013/064415)

[87] (WO2014/009325)

[30] FR (1256607) 2012-07-09

[21] **2,878,500**
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 31/5025 (2006.01) A61K 31/5377 (2006.01) A61K 47/40 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **ANTI-TUMORAL COMPOSITION COMPRISING THE COMPOUND 1-(6-{[6-(4-FLUOROPHENYL)]1,2,4}TRIAZOL O[4,3-B]PYRIDAZIN-3-YL]SULFANYL}-1,3-BENZOTHIAZOL-2-YL)-3-(2-MORPHOLIN-4-YLETHYL)UREA**

[54] **COMPOSITION ANTITUMORALE COMPRENANT LE COMPOSE 1-(6-{[6-(4-FLUOROPHENYL)]1,2,4}TRIAZOL O[4,3-B] PYRIDAZIN-3-YL]SULFANYL}-1,3-BENZOTHIAZOL-2-YL)-3-(2-MORPHOLIN-4-YLETHYL)UREE**

[72] AUTHELIN, JEAN-RENE, FR

[72] ASSADOURIAN, SYLVIE, FR

[72] BENARD, TSIALA, FR

[72] GOULAOUIC, HELENE, FR

[72] MATHIEU, AMANDINE, FR

[72] PERACCHIA, MARIA-TERESA, FR

[71] SANOFI, FR

[85] 2015-01-07

[86] 2013-07-11 (PCT/EP2013/064741)

[87] (WO2014/009500)

[30] EP (12305840.6) 2012-07-12

[21] **2,878,504**
[13] A1

[51] **Int.Cl. A23K 1/16 (2006.01) A23K 1/18 (2006.01)**

[25] EN

[54] **NOVEL USE OF ALKOXYLATES OF MONO-AND POLYVALENT ALCOHOLS**

[54] **NOUVELLE UTILISATION D'ALCOXYLATES D'ALCOOLS MONO- ET POLYVALENTS**

[72] BEDFORD, MICHAEL, GB

[72] WALKER, NICOLA, GB

[71] AB AGRI LIMITED, GB

[85] 2015-01-07

[86] 2013-07-12 (PCT/GB2013/000301)

[87] (WO2014/009685)

[30] GB (1212463.2) 2012-07-12

[21] **2,878,524**
[13] A1

[51] **Int.Cl. C09D 11/10 (2014.01) C09D 11/00 (2014.01)**

[25] EN

[54] **LOW MIGRATION FREE RADICAL RADIATION CURABLE INKJET INKS**

[54] **ENCRE POUR IMPRESSION A JET D'ENCRE DURCISSABLES PAR RAYONNEMENT PAR VOIE RADICALE A FAIBLE MIGRATION**

[72] LOCCUFIER, JOHAN, BE

[72] DE MONDT, ROEL, BE

[71] AGFA GRAPHICS NV, BE

[85] 2015-01-07

[86] 2013-08-13 (PCT/EP2013/066936)

[87] (WO2014/032968)

[30] EP (12182522.8) 2012-08-31

[30] US (61/696,304) 2012-09-04

[21] **2,878,527**
[13] A1

[51] **Int.Cl. A61M 5/30 (2006.01)**

[25] EN

[54] **DISPOSABLE INJECTOR WITH TWO-STAGE TRIGGER**

[54] **INJECTEUR JETABLE A DECLenchement EN DEUX PHASES**

[72] HADASCHIK, ROMAN, DE

[72] HEUSER, KARSTEN, DE

[72] SPILGIES, HEIKO, DE

[72] WORTMANN, UWE, DE

[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE

[85] 2015-01-07

[86] 2013-08-29 (PCT/EP2013/067867)

[87] (WO2014/033198)

[30] EP (12182782.8) 2012-09-03

[21] **2,878,538**
[13] A1

[51] **Int.Cl. F23J 15/02 (2006.01) B02C 23/18 (2006.01) F23J 7/00 (2006.01)**

[25] EN

[54] **CONTROL OF COMBUSTION SYSTEM EMISSIONS**

[54] **REGULATION DES EMISSIONS DE SYSTEMES DE COMBUSTION**

[72] RADWAY, JERROLD E., US

[71] CLEARCHEM DEVELOPMENT, LLC, US

[85] 2015-01-05

[86] 2012-07-05 (PCT/US2012/045540)

[87] (WO2013/006694)

[30] US (13/135,440) 2011-07-05

[21] **2,878,543**
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/32 (2006.01) A61C 1/05 (2006.01) A61C 1/06 (2006.01) A61C 1/07 (2006.01) A61F 9/007 (2006.01)**

[25] EN

[54] **AN ULTRASOUND SURGICAL MICROMOTOR**

[54] **MICROMOTEUR CHIRURGICAL A ULTRASONS**

[72] DIERAS, FRANCIS, FR

[72] REGERE, PASCAL, FR

[71] SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES-SATELEC, FR

[85] 2015-01-07

[86] 2013-07-12 (PCT/FR2013/051670)

[87] (WO2014/013164)

[30] FR (1256861) 2012-07-16

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[21] **2,878,545**
[13] A1

[51] **Int.Cl. G01N 29/26 (2006.01) G01N 29/06 (2006.01) G01N 29/44 (2006.01) G01N 29/46 (2006.01) G01S 7/52 (2006.01) G01S 15/00 (2006.01) G01S 15/89 (2006.01)**

[25] FR

[54] **METHOD FOR PROCESSING SIGNALS ACQUIRED BY ECHO SOUNDING, AND CORRESPONDING COMPUTER PROGRAM AND ECHO SOUNDING DEVICE**

[54] **PROCEDE DE TRAITEMENT DE SIGNAUX ISSUS D'UNE ACQUISITION PAR SONDAGE ULTRASONORE, PROGRAMME D'ORDINATEUR ET DISPOSITIF DE SONDAGE A ULTRASONS CORRESPONDANTS**

[72] BANNOUF, SOUAD, FR
[72] CASULA, OLIVIER, FR
[72] PRADA JULIA, CLAIRE, FR
[72] ROBERT, SEBASTIEN, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2015-01-07
[86] 2013-07-12 (PCT/FR2013/051677)
[87] (WO2014/009671)
[30] FR (1256718) 2012-07-12

[21] **2,878,546**
[13] A1

[51] **Int.Cl. H02K 33/16 (2006.01) A61C 7/22 (2006.01) A61C 17/22 (2006.01) A61C 17/34 (2006.01) F16F 1/18 (2006.01) H02K 33/00 (2006.01)**

[25] EN

[54] **LINEAR MOTOR AND ELECTRIC DEVICE WITH LINEAR MOTOR**

[54] **MOTEUR LINEAIRE ET DISPOSITIF ELECTRIQUE A MOTEUR LINEAIRE**

[72] SCHOBER, UWE, DE
[72] ZIEGLER, FRANK, DE
[72] SCHAEFER, ROBERT, DE
[71] BRAUN GMBH, DE

[85] 2015-01-07
[86] 2013-07-11 (PCT/IB2013/055708)
[87] (WO2014/009915)
[30] EP (12176403.9) 2012-07-13

[21] **2,878,547**
[13] A1

[51] **Int.Cl. G01N 27/333 (2006.01) G01N 33/86 (2006.01)**

[25] EN

[54] **REVERSIBLE DETECTION OF IONS WITH PERMSELECTIVE MEMBRANES**

[54] **DETECTION REVERSIBLE D'IONS AVEC DES MEMBRANES A PERMEABILITE SELECTIVE**

[72] BAKKER, ERIC, CH
[72] CRESPO, GASTON, ES
[72] AFSHAR, MAJID G., IR
[71] UNIVERSITE DE GENEVE, CH

[85] 2015-01-07
[86] 2013-07-25 (PCT/IB2013/056095)
[87] (WO2014/016791)
[30] US (61/675,561) 2012-07-25

[21] **2,878,548**
[13] A1

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

[25] EN

[54] **CONSUMER DEVICE PRESENTATION UNIT**

[54] **UNITE DE PRESENTATION DE DISPOSITIF CONSOMMATEUR**

[72] FARANDA, LEO, DE
[72] KOENIG, FELIX, DE
[72] MANDL, CHRISTIAN, DE
[72] HOENIG, THOMAS, DE
[72] HILSCHER, ALEXANDER, DE
[71] BRAUN GMBH, DE

[85] 2015-01-07
[86] 2013-07-02 (PCT/IB2013/055411)
[87] (WO2014/009852)
[30] EP (12176409.6) 2012-07-13

[21] **2,878,549**
[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01)**

[25] EN

[54] **SECURE IDENTIFICATION DOCUMENT WITH ABLATED FOIL ELEMENT**

[54] **DOCUMENT D'IDENTIFICATION SECURISE AYANT UN ELEMENT DE FEUILLE RETIRE**

[72] NUGENT, NICHOLAS OLIVER, GB
[72] WARWICK, DENNIS JAMES, US
[72] BEECH, BRIAN, US
[71] ENTRUST DATACARD CORPORATION, US

[85] 2015-01-07
[86] 2012-07-12 (PCT/US2012/046376)
[87] (WO2014/011172)

[21] **2,878,550**
[13] A1

[51] **Int.Cl. G09B 5/06 (2006.01)**

[25] EN

[54] **INTEGRATED MULTIMEDIA TOOL, SYSTEM AND METHOD TO EXPLORE AND STUDY THE VIRTUAL HUMAN BODY**

[54] **INSTRUMENT MULTIMEDIA INTEGRE, SYSTEME ET PROCEDE D'EXPLORATION ET D'ETUDE D'UN CORPS HUMAIN VIRTUEL**

[72] RATH, MATTHIAS, US
[71] RATH, MATTHIAS, US

[85] 2015-01-07
[86] 2013-01-25 (PCT/US2013/023200)
[87] (WO2014/116232)

[21] **2,878,551**
[13] A1

[51] **Int.Cl. A63B 59/50 (2015.01) A63D 15/08 (2006.01) B27M 1/02 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING WOODEN BILLETS, WOODEN BASEBALL BATS OR WOODEN BILLIARD/SNOOKER CUES**

[54] **PROCEDE DE FABRICATION DE RONDINS DE BOIS, DE BATTES DE BASEBALL ET DE QUEUES DE BILLARD/SNOOKER.**

[72] NARMADASHANKAR, SUTHAR PRAKASHKUMAR, CA
[71] NARMADASHANKAR, SUTHAR PRAKASHKUMAR, CA

[85] 2015-01-07
[86] 2013-07-17 (PCT/IN2013/000441)
[87] (WO2014/033739)
[30] IN (2114/MUM/2012) 2012-07-24

[21] **2,878,552**
[13] A1

[51] **Int.Cl. E21B 34/12 (2006.01) E21B 43/12 (2006.01)**

[25] EN

[54] **DOWNHOLE SLEEVE SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE MANCHON FOND DE TROU**

[72] KING, JAMES G., US
[71] BAKER HUGHES INCORPORATED, US

[85] 2015-01-07
[86] 2013-06-10 (PCT/US2013/044904)
[87] (WO2014/011336)
[30] US (13/545,605) 2012-07-10

PCT Applications Entering the National Phase

[21] **2,878,553**
[13] A1

[51] **Int.Cl. E06B 9/264 (2006.01) E06B 9/32 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTROLLING THE ACTUATION OF A GROUP FOR MOVING A CURTAIN/AWNING**
[54] **DISPOSITIF POUR COMMANDER L'ACTIONNEMENT D'UN GROUPE POUR DEPLACER UN RIDEAU/STORE**
[72] NICOLOSI, GIOVANNI, IT
[71] PELLINI S.P.A., IT
[85] 2015-01-07
[86] 2013-05-08 (PCT/IT2013/000134)
[87] (WO2014/016856)
[30] IT (MI2012A001292) 2012-07-25

[21] **2,878,554**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G09B 23/28 (2006.01)**
[25] EN
[54] **INTEGRATED INTERACTIVE SYSTEM AND METHOD FOR VISUALIZING HUMAN PHYSIOLOGY, DISEASE, TREATMENT OPTIONS AND USE**
[54] **SYSTEME INTERACTIF INTEGRE ET PROCEDE DE VISUALISATION DE PHYSIOLOGIE HUMAINE, DE MALADIE, D'OPTIONS DE TRAITEMENT ET UTILISATION**
[72] RATH, MATTHIAS, US
[71] RATH, MATTHIAS, US
[85] 2015-01-07
[86] 2013-01-18 (PCT/US2013/022050)
[87] (WO2013/191735)
[30] US (13/525,499) 2012-06-18

[21] **2,878,556**
[13] A1

[51] **Int.Cl. A01N 25/14 (2006.01) A01N 25/00 (2006.01) A01N 25/12 (2006.01) A01N 47/18 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **WATER DISPERSIBLE GRANULE, AND METHOD FOR PRODUCING SAME**
[54] **AGENT HYDRATANT GRANULAIRE, ET PROCEDE POUR PRODUIRE CELUI-CI**
[72] ENDO, YOSHIHISA, JP
[72] MAEKAWA, TAKAHIRO, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2015-01-07
[86] 2013-07-09 (PCT/JP2013/068744)
[87] (WO2014/013908)
[30] JP (2012-160820) 2012-07-19

[21] **2,878,558**
[13] A1

[51] **Int.Cl. G06F 9/30 (2006.01) G06F 9/38 (2006.01)**
[25] EN
[54] **LOCK FREE STREAMING OF EXECUTABLE CODE DATA**
[54] **DIFFUSION EN CONTINU SANS VERROUILLAGE DE DONNEES DE CODES EXECUTABLES**
[72] REIERSON, KRISTOFER, US
[71] MICROSOFT CORPORATION, US
[85] 2015-01-07
[86] 2013-07-26 (PCT/US2013/052153)
[87] (WO2014/018812)
[30] US (13/560,216) 2012-07-27

[21] **2,878,560**
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **VENTILATING SYSTEM FOR AN ELECTRICAL EQUIPMENT CABINET AND ASSOCIATED METHODS**
[54] **SYSTEME DE VENTILATION DESTINE A UNE ARMOIRE ELECTRIQUE ET PROCEDES ASSOCIES**
[72] GOSSELIN, DANIEL, US
[72] LARSEN, LARS R., US
[72] MONTGELAS, RUDOLPH A., US
[72] GRANDIDGE, RYAN J., US
[71] ORTRONICS, INC., US
[85] 2015-01-07
[86] 2013-07-03 (PCT/US2013/049232)
[87] (WO2014/011471)
[30] US (61/669,217) 2012-07-09
[30] US (13/934,479) 2013-07-03

[21] **2,878,562**
[13] A1

[51] **Int.Cl. C22C 9/00 (2006.01)**
[25] EN
[54] **SPHERICAL COPPER/MOLYBDENUM DISULFIDE POWDERS, METAL ARTICLES, AND METHODS OF PRODUCING SAME**
[54] **POUDRES DE DISULFURE DE CUIVRE/MOLYBDENE SPHERIQUES, ARTICLES METALLIQUES, ET LEURS PROCEDES DE PRODUCTION**
[72] EPSHTEYN, YAKOV, US
[72] CORTE, LAWRENCE J., US
[72] COX, CARL V., US
[72] SHAW, MATTHEW C., US
[72] BANDA, ALEJANDRA, US
[71] CLIMAX ENGINEERED MATERIALS, LLC, US
[85] 2015-01-07
[86] 2013-07-03 (PCT/US2013/049240)
[87] (WO2014/014674)
[30] US (61/673,429) 2012-07-19
[30] US (13/827,325) 2013-03-14

Demandes PCT entrant en phase nationale

[21] **2,878,564**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/551 (2006.01) A61P 1/04 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **DIAZEPINONE DERIVATIVES USEFUL FOR THE TREATMENT OF FRAGILE X SYNDROME, PARKINSONS OR REFLUX DISEASE**

[54] **DERIVES DE DIAZEPINONE A UTILISER POUR LE TRAITEMENT DU SYNDROME DE L'X FRAGILE, DE LA MALADIE DE PARKINSON OU DE LA MALADIE DU REFLUX**

[72] BEHNKE, DIRK, CH
[72] CARCACHE, DAVID, CH
[72] ERTL, PETER, CH
[72] KOLLER, MANUEL, CH
[72] ORAIN, DAVID, CH
[71] NOVARTIS AG, CH
[85] 2015-01-07
[86] 2013-08-21 (PCT/IB2013/056782)
[87] (WO2014/030128)
[30] GB (1215033.0) 2012-08-23

[21] **2,878,565**
[13] A1

[51] **Int.Cl. A61K 31/42 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR TREATMENT OF DEPRESSION AND PSYCHOSIS IN HUMANS**

[54] **COMPOSITION ET METHODE POUR LE TRAITEMENT DE LA DEPRESSION ET DE LA PSYCHOSE CHEZ L'HOMME**

[72] JAVITT, DANIEL C., US
[71] JMB DAVIS BEN-DAVID LTD., IL
[85] 2015-01-07
[86] 2013-07-09 (PCT/US2013/049653)
[87] (WO2014/011590)
[30] US (61/741,115) 2012-07-12
[30] US (61/741,114) 2012-07-12

[21] **2,878,567**
[13] A1

[51] **Int.Cl. C07D 311/66 (2006.01) A61K 31/353 (2006.01) A61P 25/28 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **CHROMANYL DERIVATIVES FOR TREATING MITOCHONDRIAL DISEASE**

[54] **DERIVES DE CHROMANYLE DESTINES AU TRAITEMENT DE LA MALADIE MITOCHONDRIALE**

[72] BLAAUW, RICHARD HENDRIK, NL
[72] LEENDERS, RUBEN GERARDUS GEORGE, NL
[72] STERK, GEERT JAN, NL
[72] HERMKENS, PEDRO HAROLD HAN, NL
[71] KHONDRION IP B.V., NL
[85] 2015-01-07
[86] 2013-07-12 (PCT/NL2013/050528)
[87] (WO2014/011047)
[30] EP (12176128.2) 2012-07-12
[30] US (61/670,644) 2012-07-12

[21] **2,878,568**
[13] A1

[51] **Int.Cl. A61B 5/145 (2006.01) C12Q 1/56 (2006.01)**

[25] EN

[54] **METHODS FOR DYNAMIC VISUALIZATION OF CLINICAL PARAMETERS OVER TIME**

[54] **PROCEDES DE VISUALISATION DYNAMIQUE DE PARAMETRES CLINIQUES DANS LE TEMPS**

[72] ZIEDINS, KATHLEEN BRUMMEL, US
[72] DANFORTH, CHRISTOPHER M., US
[72] ORFEO, THOMAS, US
[72] EVERSE, STEPHEN J., US
[72] MANN, KENNETH G., US
[71] THE UNIVERSITY OF VERMONT AND STATE AGRICULTURE COLLEGE, US
[85] 2015-01-07
[86] 2012-12-26 (PCT/US2012/071662)
[87] (WO2013/101836)
[30] US (61/631,286) 2011-12-31
[30] US (61/717,325) 2012-10-23

[21] **2,878,570**
[13] A1

[51] **Int.Cl. A61B 18/18 (2006.01) A61B 17/34 (2006.01) A61L 29/04 (2006.01) A61M 25/10 (2013.01)**

[25] EN

[54] **MICROWAVE ABLATION CATHETER AND METHOD OF UTILIZING THE SAME**

[54] **CATHETER D'ABLATION PAR MICRO-ONDES ET SON PROCEDE D'UTILISATION**

[72] LADTKOW, CASEY M., US
[72] BRANNAN, JOSEPH D., US
[72] PETERSON, DARION R., US
[72] LARSON, ERIC W., US
[72] HALEY, KAYLEN J., US
[72] DICKHANS, WILLIAM J., US
[72] CASE, JASON A., US
[71] COVIDIEN LP, US
[85] 2015-01-07
[86] 2013-07-26 (PCT/US2013/052166)
[87] (WO2014/025549)
[30] US (61/680,555) 2012-08-07
[30] US (61/784,048) 2013-03-14
[30] US (61/783,921) 2013-03-14
[30] US (61/784,176) 2013-03-14
[30] US (61/784,297) 2013-03-14
[30] US (61/784,407) 2013-03-14

[21] **2,878,574**
[13] A1

[51] **Int.Cl. A61B 18/18 (2006.01) A61B 1/018 (2006.01)**

[25] EN

[54] **MICROWAVE ABLATION CATHETER AND METHOD OF UTILIZING THE SAME**

[54] **CATHETER D'ABLATION A MICRO-ONDES ET PROCEDE D'UTILISATION DE CELUI-CI**

[72] LADTKOW, CASEY M., US
[72] BRANNAN, JOSEPH D., US
[72] PETERSON, DARION R., US
[72] LARSON, ERIC W., US
[72] HALEY, KAYLEN J., US
[72] DICKHANS, WILLIAM J., US
[72] CASE, JASON A., US
[71] COVIDIEN LP, US
[85] 2015-01-07
[86] 2013-07-26 (PCT/US2013/052182)
[87] (WO2014/025550)
[30] US (61/680,555) 2012-08-07
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[30] US (61/783,921) 2013-03-14
[30] US (61/784,297) 2013-03-14
[30] US (61/784,176) 2013-03-14
[30] US (61/784,407) 2013-03-14

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[51] Int.Cl. F01P 3/12 (2006.01) F01P 3/00 (2006.01)	[51] Int.Cl. A61M 25/10 (2013.01) A61M 25/098 (2006.01)	[51] Int.Cl. C08F 2/01 (2006.01) C08F 2/34 (2006.01)
[25] EN	[25] EN	[25] EN
[54] MARINE CONVERSION OF A DIESEL ENGINE	[54] BALLOON CATHETER WITH ENHANCED LOCATABILITY	[54] METHODS AND SYSTEMS FOR OLEFIN POLYMERIZATION
[54] CONVERSION MARITIME D'UN MOTEUR DIESEL	[54] CATHETER A BALLON POUVANT ETRE LOCALISE DE MANIERE AMELIOREE	[54] PROCEDES ET SYSTEMES POUR LA POLYMERISATION D'OLEFINES
[72] BUNN, MURRAY NOEL, NZ	[72] BEASLEY, JIM C., US	[72] SAVATSKY, BRUCE J., US
[72] WISHART, CLINTON BERT KEITH, NZ	[72] KLOCKE, STEPHANIE, US	[72] PEQUENO, R. ERIC, US
[71] MARINE PROPULSION TECHNOLOGIES LIMITED, NZ	[72] RAJI-KUBBA, ABTIHAL, US	[72] LYNN, TIMOTHY R., US
[85] 2015-01-07	[72] RIGHI, ROB, US	[72] HUSSEIN, F. DAVID, US
[86] 2013-09-24 (PCT/NZ2013/000177)	[71] CLEARSTREAM TECHNOLOGIES LIMITED, IE	[72] ZILKER, DANIEL P., US
[87] (WO2014/051437)	[85] 2015-01-07	[71] UNIVATION TECHNOLOGIES, LLC, US
[30] NZ (602679) 2012-09-27	[86] 2013-07-24 (PCT/US2013/051863)	[85] 2015-01-07
	[87] (WO2014/018659)	[86] 2013-06-19 (PCT/US2013/046480)
	[30] US (61/675,168) 2012-07-24	[87] (WO2014/022006)
	[30] US (61/788,938) 2013-03-15	[30] US (61/677,802) 2012-07-31
[21] 2,878,577 [13] A1	[21] 2,878,580 [13] A1	[21] 2,878,583 [13] A1
[51] Int.Cl. A61B 18/18 (2006.01) A61B 1/267 (2006.01) A61B 19/00 (2006.01) A61N 5/02 (2006.01)	[51] Int.Cl. A61B 18/18 (2006.01) A61B 1/018 (2006.01)	[51] Int.Cl. G06F 17/00 (2006.01) G06F 17/40 (2006.01)
[25] EN	[25] EN	[25] EN
[54] MICROWAVE ABLATION CATHETER AND METHOD OF UTILIZING THE SAME	[54] MICROWAVE ABLATION CATHETER AND METHOD OF UTILIZING THE SAME	[54] SYSTEM AND METHOD FOR EFFICIENT DATA COLLECTION IN DISTRIBUTED SENSOR MEASUREMENT SYSTEMS
[54] CATHETER D'ABLATION A MICRO-ONDES ET PROCEDE D'UTILISATION DE CELUI-CI	[54] CATHETER D'ABLATION A MICRO-ONDES ET PROCEDE D'UTILISATION DE CELUI-CI	[54] SYSTEME ET PROCEDE POUR LA COLLECTE EFFICACE DE DONNEES DANS DES SYSTEMES DISTRIBUES DE MESURES DE CAPTEUR
[72] LADTKOW, CASEY M., US	[72] LADTKOW, CASEY M., US	[72] ALEXANDER, ROGER K., US
[72] BRANNAN, JOSEPH D., US	[72] BRANNAN, JOSEPH D., US	[71] COOPER TECHNOLOGIES COMPANY, US
[72] PETERSON, DARION R., US	[72] PETERSON, DARION R., US	[85] 2015-01-07
[72] LARSON, ERIC W., US	[72] LARSON, ERIC W., US	[86] 2013-06-28 (PCT/US2013/048451)
[72] HALEY, KAYLEN, US	[72] HALEY, KAYLEN J., US	[87] (WO2014/011411)
[72] DICKHANS, WILLIAM J., US	[72] DICKHANS, WILLIAM J., US	[30] US (13/547,420) 2012-07-12
[72] CASE, JASON A., US	[72] CASE, JASON A., US	
[71] COVIDIEN LP, US	[71] COVIDIEN LP, US	
[85] 2015-01-07	[85] 2015-01-07	
[86] 2013-07-26 (PCT/US2013/052187)	[86] 2013-07-26 (PCT/US2013/052196)	
[87] (WO2014/025551)	[87] (WO2014/025553)	
[30] US (61/680,555) 2012-08-07	[30] US (61/680,555) 2012-08-07	
[30] US (61/784,048) 2013-03-14	[30] US (61/784,048) 2013-03-14	
[30] US (61/783,921) 2013-03-14	[30] US (61/784,407) 2013-03-14	
[30] US (61/784,407) 2013-03-14	[30] US (61/784,297) 2013-03-14	
[30] US (61/784,297) 2013-03-14	[30] US (61/783,921) 2013-03-14	
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[51] **Int.Cl. G02B 6/04 (2006.01)**
[25] EN
[54] **CABLE COMPRISING TWISTED SINUSOID FOR USE IN DISTRIBUTED SENSING**
[54] **CABLE COMPRENANT UNE SINUSOIDE ENROULEE DESTINEE A ETRE UTILISEE LORS D'UNE DETECTION REPARTIE**
[72] KUVSHINOV, BORIS
NIKOLAEVICH, NL
[72] HORNMAN, JOHAN CORNELIS, NL
[71] SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2015-01-07
[86] 2013-07-30 (PCT/US2013/052647)
[87] (WO2014/022346)
[30] US (61/678,482) 2012-08-01

[21] **2,878,587**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **IMMUNOGLOBULIN CONSTRUCTS COMPRISING SELECTIVE PAIRING OF THE LIGHT AND HEAVY CHAINS**
[54] **CONSTRUCTIONS D'IMMUNOGLOBULINE COMPRENANT UN APPARIEMENT SELECTIF DES CHAINES LEGERE ET LOURDE**
[72] DIXIT, SURJIT BHIMARAO, CA
[72] UROSEV, DUNJA, CA
[72] D'ANGELO, IGOR EDMONDO PAOLO, CA
[72] NG, GORDON YIU KON, CA
[71] ZYMEWORKS INC., CA
[85] 2015-01-07
[86] 2013-07-23 (PCT/US2013/051747)
[87] (WO2014/018572)
[30] US (61/674,820) 2012-07-23
[30] US (61/857,652) 2013-07-23

[21] **2,878,588**
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61L 31/02 (2006.01) A61L 31/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **RADIOFREQUENCY PROBE FOR CIRCUMFERENTIAL ABLATION OF A HOLLOW CAVITY**
[54] **SONDE DE RADIOFREQUENCE POUR ABLATION CIRCONFERENCE D'UNE CAVITE CREUSE**
[72] MAHVI, DAVID M., US
[72] MCCARTHY, DANIEL P., US
[72] WANKE, TYLER R., US
[72] ROBILLARD, BRIAN J., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2015-01-07
[86] 2013-07-30 (PCT/US2013/052703)
[87] (WO2014/022379)
[30] US (61/677,205) 2012-07-30
[30] US (13/954,265) 2013-07-30

[21] **2,878,589**
[13] A1

[51] **Int.Cl. F42B 7/08 (2006.01)**
[25] EN
[54] **WAD WITH IGNITION CHAMBER**
[54] **BOURRE AVEC CHAMBRE DE MISE A FEU**
[72] SCHLUCKEBIER, DAVID K., US
[72] CROSS, KEVIN R., US
[72] BUCKMASTER, RICKY J., US
[72] WILDMAN, SPENCER D., US
[71] RA BRANDS, L.L.C., US
[85] 2015-01-07
[86] 2013-07-09 (PCT/US2013/049715)
[87] (WO2014/011628)
[30] US (13/548,464) 2012-07-13

[21] **2,878,592**
[13] A1

[51] **Int.Cl. A61B 1/04 (2006.01) H01L 27/146 (2006.01)**
[25] FR
[54] **DEVICE COMPRISING A SET OF ELECTROMAGNETIC RADIATION SENSITIVE DETECTORS AND ARRANGEMENT OF A SET OF SUCH DEVICES**
[54] **DISPOSITIF COMPORTANT UN ENSEMBLE DE DETECTEURS SENSIBLES A UNE RADIATION ELECTROMAGNETIQUE ET ARRANGEMENT D'UN ENSEMBLE DE TELS DISPOSITIFS**
[72] WANY, MARTIN, CH
[71] AWAIBA HOLDING S.A., CH
[85] 2015-01-08
[86] 2013-07-10 (PCT/CH2013/000123)
[87] (WO2014/008615)
[30] CH (1062/12) 2012-07-10

[21] **2,878,594**
[13] A1

[51] **Int.Cl. C07C 49/707 (2006.01) A61K 31/12 (2006.01) A61K 31/122 (2006.01) A61P 29/00 (2006.01) C07C 59/90 (2006.01) C07C 69/28 (2006.01) C07C 69/612 (2006.01) C07C 69/78 (2006.01) C07C 69/96 (2006.01) C07C 225/14 (2006.01) C07C 251/50 (2006.01)**
[25] EN
[54] **TETRAHYDRO-ISOHUMULONE DERIVATIVES, METHODS OF MAKING AND USING**
[54] **DERIVES TETRAHYDRO-ISOHUMULONE ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] KONDA, VEERA, US
[72] URBAN, JAN, US
[72] DESAI, ANURADHA, US
[72] DAHLBERG, CLINTON J., US
[72] CARROLL, BRIAN J., US
[71] KINDEX PHARMACEUTICALS, INC., US
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[86] 2013-07-09 (PCT/US2013/049788)
[87] (WO2014/011680)
[30] US (61/669,441) 2012-07-09

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[21] **2,878,595**
[13] A1

[51] **Int.Cl. C09K 8/588 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **ENHANCED OIL RECOVERY METHODS USING A FLUID CONTAINING A SACRIFICIAL AGENT**

[54] **PROCEDES AMELIORES DE RECUPERATION D'HUILE AU MOYEN D'UN FLUIDE CONTENANT UN AGENT SACRIFICIEL**

[72] BUIJSE, MARTEN ADRIAAN, NL

[72] SOUTHWICK, JEFFREY GEORGE, US

[72] VAN BATENBURG, DIEDERIK WILLEM, NL

[72] VAN RIJN, CAROLUS HENDRICUS THEODORUS, NL

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

[85] 2015-01-07

[86] 2013-08-01 (PCT/US2013/053132)

[87] (WO2014/022616)

[30] US (61/679,182) 2012-08-03

[21] **2,878,597**
[13] A1

[51] **Int.Cl. A63B 69/36 (2006.01) G01B 11/00 (2006.01) G06T 7/20 (2006.01)**

[25] EN

[54] **GOLF FITTING SYSTEMS AND RELATED METHODS**

[54] **SYSTEMES D'ACCESSOIRE DE GOLF ET PROCEDES ASSOCIES**

[72] SOLHEIM, JOHN A., US

[72] COTTAM, ROGER J., US

[71] KARSTEN MANUFACTURING CORPORATION, US

[85] 2015-01-07

[86] 2013-04-09 (PCT/US2013/035835)

[87] (WO2013/169428)

[30] US (13/465,304) 2012-05-07

[21] **2,878,599**
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/295 (2006.01)**

[25] EN

[54] **VACCINE COMPOSITIONS FOR PREVENTION AGAINST DENGUE VIRUS INFECTION**

[54] **COMPOSITIONS DE VACCIN POUR PREVENIR UNE INFECTION PROVOQUEE PAR LE VIRUS DE LA DENGUE**

[72] YAO, JIANGSHENG, CA

[72] GIRERD-CHAMBAZ, YVES, FR

[72] LEGASTELOIS, ISABELLE, FR

[72] MANTEL, NATHALIE, FR

[72] BARBAN, VERONIQUE, FR

[72] LANG, JEAN, FR

[72] GUY, BRUNO, FR

[71] SANOFI PASTEUR, FR

[85] 2015-01-08

[86] 2013-07-24 (PCT/EP2013/065669)

[87] (WO2014/016362)

[30] EP (12305908.1) 2012-07-24

[30] EP (12305911.5) 2012-07-25

[21] **2,878,600**
[13] A1

[51] **Int.Cl. C01B 31/02 (2006.01)**

[25] EN

[54] **VERTICALLY ALIGNED ARRAYS OF CARBON NANOTUBES FORMED ON MULTILAYER SUBSTRATES**

[54] **MATRICES DE NANOTUBES DE CARBONE ALIGNES VERTICALEMENT FORMEES SUR DES SUBSTRATS MULTICOUCHES**

[72] COLA, BARATUNDE A., US

[71] CARBICE NANOTECHNOLOGIES, INC., US

[85] 2015-01-07

[86] 2013-07-10 (PCT/US2013/049900)

[87] (WO2014/011755)

[30] US (13/546,827) 2012-07-11

[21] **2,878,603**
[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **ENHANCED OIL RECOVERY FLUID CONTAINING A SACRIFICIAL AGENT**

[54] **FLUIDE AMELIORE DE RECUPERATION D'HUILE CONTENANT UN AGENT SACRIFICIEL**

[72] BUIJSE, MARTEN ADRIAAN, NL

[72] SOUTHWICK, JEFFREY GEORGE, US

[72] VAN BATENBURG, DIEDERIK WILLEM, NL

[72] VAN RIJN, CAROLUS HENDRICUS THEODORUS, NL

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

[85] 2015-01-07

[86] 2013-08-01 (PCT/US2013/053139)

[87] (WO2014/022622)

[30] US (61/679,180) 2012-08-03

[21] **2,878,604**
[13] A1

[51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/078 (2010.01) A61K 47/30 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **METHOD FOR INDUCING IMMUNE TOLERANCE USING NON-PROLIFERATIVE POLYMER-MODIFIED ALLOGENEIC LEUKOCYTES**

[54] **PROCEDE POUR INDUIRE UNE TOLERANCE IMMUNITAIRE A L'AIDE DE LEUCOCYTES ALLOGENIQUES NON PROLIFERATIFS MODIFIES PAR UN POLYMERE**

[72] SCOTT, MARK D., CA

[72] WANG, DUNCHENG, US

[72] TOYOFUKU, WENDY M., CA

[71] CANADIAN BLOOD SERVICES, CA

[85] 2015-01-08

[86] 2013-07-12 (PCT/CA2013/050547)

[87] (WO2014/008612)

[30] US (61/670,636) 2012-07-12

[30] US (61/670,694) 2012-07-12

[30] CA (2782942) 2012-07-12

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[21] **2,878,605**
[13] A1

[51] **Int.Cl. C07D 459/00 (2006.01) A61K 31/475 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY FOR THE TREATMENT OF CANCER AND IMMUNOSUPPRESSION**

[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER ET L'IMMUNOSUPPRESSION**

[72] POHLMANN, JENS, CH

[72] BENJAMIN, DON GARY, CH

[72] MORONI, CHRISTOPH, CH

[71] BASILEA PHARMACEUTICA AG, CH

[71] UNIVERSITAT BASEL, CH

[85] 2015-01-08

[86] 2013-07-03 (PCT/EP2013/064048)

[87] (WO2014/009222)

[30] EP (12175724.9) 2012-07-10

[21] **2,878,608**
[13] A1

[51] **Int.Cl. E21B 43/36 (2006.01) E21B 43/34 (2006.01)**

[25] EN

[54] **MULTIPHASE SEPARATION SYSTEM**

[54] **SYSTEME DE SEPARATION DE PHASES MULTIPLES**

[72] GRAVE, EDWARD J., US

[72] BYMASTER, ADAM S., US

[72] FOWLER, TRACY A., US

[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[85] 2015-01-07

[86] 2013-05-01 (PCT/US2013/039080)

[87] (WO2014/058480)

[30] US (61/711,132) 2012-10-08

[21] **2,878,609**
[13] A1

[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/03 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **ENHANCED OIL RECOVERY METHODS USING A FLUID CONTAINING A SACRIFICIAL AGENT**

[54] **PROCEDES AMELIORES DE RECUPERATION D'HUILE AU MOYEN D'UN FLUIDE CONTENANT UN AGENT SACRIFICIEL**

[72] BUIJSE, MARTEN ADRIAAN, NL

[72] SOUTHWICK, JEFFREY GEORGE, US

[72] VAN BATENBURG, DIEDERIK WILLEM, NL

[72] VAN RIJN, CAROLUS HENDRICUS THEODORUS, NL

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

[85] 2015-01-07

[86] 2013-08-01 (PCT/US2013/053145)

[87] (WO2014/022626)

[30] US (61/679,180) 2012-08-03

[21] **2,878,610**
[13] A1

[51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 47/30 (2006.01) A61P 37/02 (2006.01)**

[25] EN

[54] **METHOD FOR INDUCING IMMUNE STIMULATION USING NON-PROLIFERATIVE ALLOGENEIC LEUKOCYTES**

[54] **PROCEDE POUR INDUIRE UNE STIMULATION IMMUNITAIRE A L'AIDE DE LEUCOCYTES ALLOGENIQUES NON PROLIFERATIFS**

[72] SCOTT, MARK D., CA

[72] TOYOFUKU, WENDY M., CA

[72] WANG, DUNCHENG, US

[71] CANADIAN BLOOD SERVICES, CA

[85] 2015-01-08

[86] 2013-07-12 (PCT/CA2013/050546)

[87] (WO2014/008611)

[30] US (61/670,694) 2012-07-12

[30] US (61/670,636) 2012-07-12

[30] CA (2782942) 2012-07-12

[21] **2,878,612**
[13] A1

[51] **Int.Cl. H02P 9/00 (2006.01)**

[25] EN

[54] **DYNAMIC BRAKING SYSTEM FOR AN ELECTRIC POWER SYSTEM AND METHOD OF OPERATING THE SAME**

[54] **SYSTEME DE FREINAGE DYNAMIQUE POUR UN SYSTEME DE GENERATION D'ELECTRICITE ET SON PROCEDE DE FONCTIONNEMENT**

[72] XU, YONG, CN

[72] WAGONER, ROBERT GREGORY, US

[72] ZHU, JUN, CN

[72] LI, WENG, CN

[72] HUANG, JINCHENG, CN

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-01-08

[86] 2012-07-12 (PCT/CN2012/078543)

[87] (WO2014/008647)

[21] **2,878,613**
[13] A1

[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/12 (2006.01)**

[25] EN

[54] **PROTECTIVE HELMET FOR MITIGATION OF LINEAR AND ROTATIONAL ACCELERATION**

[54] **CASQUE DE PROTECTION POUR ATTENUER UNE ACCELERATION LINEAIRE ET ROTATIVE**

[72] BOTTLANG, MICHAEL, US

[72] MADEY, STEVEN, US

[72] DAU, NATHAN, US

[72] HANSEN, KIRK, US

[72] WACKYM, ASHTON, US

[71] APEX BIOMEDICAL COMPANY, LLC, US

[85] 2015-01-07

[86] 2013-07-10 (PCT/US2013/049968)

[87] (WO2014/011802)

[30] US (61/670,258) 2012-07-11

[30] US (13/803,962) 2013-03-14

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[21] **2,878,614**
[13] A1

[51] **Int.Cl. C10L 1/12 (2006.01) F23L 7/00 (2006.01)**
[25] EN
[54] **COMBUSTION PROCESS FOR FUEL CONTAINING VANADIUM COMPOUNDS**
[54] **PROCESSUS DE COMBUSTION DE CARBURANTS CONTENANT DES COMPOSES VANADIUM**
[72] MALAVASI, MASSIMO PIETRO, IT
[72] DI SALVIA, GRAZIA, IT
[72] BASSIGNANO, ALVISE ACHILLE, IT
[72] TEDESCHI, GIAMPIETRO, IT
[71] ITEA S.P.A., IT
[85] 2015-01-08
[86] 2013-07-22 (PCT/EP2013/065393)
[87] (WO2014/016237)
[30] IT (BA2012A000049) 2012-07-24

[21] **2,878,615**
[13] A1

[51] **Int.Cl. B64C 39/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETACHABLY COUPLING AN UNMANNED AERIAL VEHICLE WITHIN A LAUNCH TUBE**
[54] **SYSTEME POUR COUPLER AMOVIBLE UN VEHICULE AERIEN SANS EQUIPAGE A L'INTERIEUR D'UN TUBE DE LANCEMENT**
[72] ANDRYUKOV, OLEKSANDR, US
[71] AEROVIRONMENT, INC., US
[85] 2015-01-07
[86] 2013-06-07 (PCT/US2013/044697)
[87] (WO2014/035518)
[30] US (61/656,949) 2012-06-07

[21] **2,878,616**
[13] A1

[51] **Int.Cl. C12P 19/14 (2006.01) A23L 1/105 (2006.01) C11D 3/386 (2006.01) C12N 9/26 (2006.01) C12N 9/30 (2006.01) C12P 19/02 (2006.01)**
[25] EN
[54] **METHOD OF USING ALPHA-AMYLASE FROM ASPERGILLUS CLAVATUS AND ISOAMYLASE FOR SACCHARIFICATION**
[54] **PROCEDE D'UTILISATION D'ALPHA-AMYLASE PROVENANT D'ASPERGILLUS CLAVATUS ET D'ISOAMYLASE EN VUE D'UNE SACCHARIFICATION**
[72] VAN BRUSSEL-ZWIJNEN, MARCO, US
[72] SCHEFFERS, MARTIJN SILVAN, US
[72] VROEMEN, CASPER, US
[71] DANISCO US INC., US
[85] 2015-01-07
[86] 2013-08-13 (PCT/US2013/054647)
[87] (WO2014/028436)
[30] US (61/683,965) 2012-08-16

[21] **2,878,617**
[13] A1

[51] **Int.Cl. A23K 1/16 (2006.01) A23K 1/18 (2006.01)**
[25] EN
[54] **MATRIX AND LAYER COMPOSITIONS FOR PROTECTION OF BIOACTIVES**
[54] **COMPOSITIONS DE MATRICE ET DE COUCHE POUR LA PROTECTION DE COMPOSES BIOACTIFS**
[72] SMITH, HOUSTON STEPHEN, US
[72] FISCHER, MATTHEW J., US
[72] ARHANCET, GRACIELA B., US
[72] KARNATI, RANGARANI, US
[72] HUME, JOHN A., US
[72] WANG, XIAOJUN, US
[71] NOVUS INTERNATIONAL, INC., US
[85] 2015-01-07
[86] 2013-07-11 (PCT/US2013/050051)
[87] (WO2014/011857)
[30] US (61/670,817) 2012-07-12

[21] **2,878,619**
[13] A1

[51] **Int.Cl. C10G 1/00 (2006.01)**
[25] EN
[54] **A METHOD FOR HYDROTHERMAL LIQUEFACTION OF BIOMASS AND A SYSTEM FOR HYDROTHERMAL LIQUEFACTION OF BIOMASS**
[54] **PROCEDE POUR LA LIQUEFACTION HYDROTHERMIQUE DE BIOMASSE ET SYSTEME POUR LA LIQUEFACTION HYDROTHERMIQUE DE BIOMASSE**
[72] PAROSA, RYSZARD, PL
[71] PREOIL SP. Z O.O., PL
[85] 2015-01-08
[86] 2012-09-13 (PCT/EP2012/067887)
[87] (WO2014/008954)
[30] PL (399911) 2012-07-11

[21] **2,878,620**
[13] A1

[51] **Int.Cl. A01G 7/02 (2006.01) A01G 9/18 (2006.01)**
[25] EN
[54] **METHOD FOR ACCELERATING GROWTH OF PLANTS IN A CONTROLLED ENVIRONMENT**
[54] **PROCEDE POUR ACCELERER LA CROISSANCE DE PLANTES DANS UN ENVIRONNEMENT CONTROLE**
[72] BREM, GERRIT, NL
[72] MARINIC, SASA, NL
[72] O'CONNOR, PAUL, NL
[72] VAN PUTTEN, GERRIT, NL
[72] ROESTENBERG, TIMO, NL
[71] ANTECY B.V., NL
[85] 2015-01-08
[86] 2013-07-17 (PCT/EP2013/065077)
[87] (WO2014/012968)
[30] US (61/672,331) 2012-07-17
[30] US (61/672,333) 2012-07-17
[30] US (61/809,898) 2013-04-09

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[21] **2,878,621**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) C07D 403/14 (2006.01) C07D 407/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 487/08 (2006.01) C07D 491/08 (2006.01) C07D 491/10 (2006.01)**

[25] EN

[54] **PYRIMIDINE PYRAZOLYL DERIVATIVES**

[54] **DERIVES DE PYRAZOLYL-PYRIMIDINE**

[72] CROSIGNANI, STEFANO, FR

[72] JORAND-LEBRUN, CATHERINE, FR

[72] GERBER, PATRICK, CH

[72] MUZERELLE, MATHILDE, FR

[71] ARES TRADING S.A., CH

[85] 2015-01-08

[86] 2013-07-03 (PCT/EP2013/001950)

[87] (WO2014/008992)

[30] EP (12175660.5) 2012-07-10

[30] US (61/669,843) 2012-07-10

[21] **2,878,622**
[13] A1

[51] **Int.Cl. H02H 7/22 (2006.01)**

[25] EN

[54] **PROTECTION MODULE FOR CONTROL AND PROTECTIVE SWITCHING DEVICE**

[54] **MODULE DE PROTECTION POUR UN DISPOSITIF DE COMMUTATION DE PROTECTION ET DE COMMANDE**

[72] GU, CHANGXUN, CN

[72] ZHANG, DI, CN

[72] JI, HUIYU, CN

[72] ZENG, PING, CN

[72] JIA, FENG, CN

[72] XI, HONG, CN

[71] SEARI ELECTRIC TECHNOLOGY CO., LTD., CN

[71] ZHEJIANG CHINT ELECTRICS CO., LTD., CN

[85] 2015-01-08

[86] 2013-07-10 (PCT/CN2013/079120)

[87] (WO2014/008857)

[30] CN (201210241583.8) 2012-07-12

[21] **2,878,623**
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01)**

[25] EN

[54] **PETROLEUM FRACTURING PROPPANT PREPARED FROM FLYASH AND WASTE CERAMIC, AND PREPARATION METHOD THEREOF**

[54] **AGENT DE SOUTÈNEMENT POUR LA FRACTURATION PETROLIERE PREPARE A PARTIR DE CENDRES VOLANTES ET DE DECHETS CERAMIQUES ET SON PROCEDE DE PREPARATION**

[72] ZHANG, SHENGJIE, CN

[72] ZHANG, LINQUN, CN

[72] WANG, YINGJUN, CN

[71] HEBI TIANRUI PETROLEUM PROPPANT CO., LTD, CN

[85] 2015-01-08

[86] 2013-05-29 (PCT/CN2013/076382)

[87] (WO2014/172954)

[30] CN (201310148377.7) 2013-04-25

[21] **2,878,624**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/14 (2006.01)**

[25] EN

[54] **PREPARATION OF DESICCATED LIPOSOMES FOR USE IN COMPRESSIBLE DELIVERY SYSTEMS**

[54] **PREPARATION DE LIPOSOMES DESSECHES UTILISABLE DANS DES SYSTEMES D'ADMINISTRATION COMPRESSIBLES**

[72] FARBER, MICHAEL, US

[71] SMARTEK INTERNATIONAL LLC, US

[85] 2015-01-07

[86] 2013-08-16 (PCT/US2013/055258)

[87] (WO2014/028796)

[30] US (61/684,631) 2012-08-17

[21] **2,878,625**
[13] A1

[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/366 (2006.01) A61K 31/40 (2006.01) A61K 31/401 (2006.01) A61K 31/4178 (2006.01) A61K 31/55 (2006.01) A61K 31/60 (2006.01) A61K 45/06 (2006.01) A61P 3/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING STATINS, BIGUANIDES AND FURTHER AGENTS FOR REDUCING CARDIOMETABOLIC RISK**

[54] **COMPOSITIONS COMPORTANT DES STATINES, DES BIGUANIDES ET D'AUTRES AGENTS POUR REDUIRE UN RISQUE CARDIOMETABOLIQUE**

[72] BARON, ALAIN D., US

[72] FINEMAN, MARK S., US

[72] BEELEY, NIGEL R. A., US

[71] ELCELYX THERAPEUTICS, INC., US

[85] 2015-01-07

[86] 2013-07-11 (PCT/US2013/050142)

[87] (WO2014/011926)

[30] US (13/547,022) 2012-07-11

[30] US (13/734,966) 2013-01-05

[21] **2,878,626**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 38/19 (2006.01) A61P 31/14 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **ASGPR ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS ASGPR ET LEURS UTILISATIONS**

[72] HOFER, THOMAS, CH

[72] JI, CHANGHUA, US

[72] MOESSNER, EKKEHARD, CH

[72] UMANA, PABLO, CH

[71] ROCHE GLYCART AG, CH

[85] 2015-01-08

[86] 2013-08-06 (PCT/EP2013/066432)

[87] (WO2014/023709)

[30] US (61/681,239) 2012-08-09

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[21] **2,878,629**
[13] A1

[51] **Int.Cl. G21C 9/06 (2006.01) G21C 13/02 (2006.01) G21C 19/30 (2006.01)**
[25] EN
[54] **CONTAINMENT PROTECTION SYSTEM FOR A NUCLEAR FACILITY AND ASSOCIATED OPERATING METHOD**
[54] **SYSTEME DE PROTECTION PAR CONFINEMENT D'UNE INSTALLATION NUCLEAIRE ET PROCEDE D'EXPLOITATION CORRESPONDANT**
[72] HILL, AXEL, DE
[72] LOSCH, NORBERT, DE
[71] AREVA GMBH, DE
[85] 2015-01-08
[86] 2013-06-24 (PCT/EP2013/063153)
[87] (WO2014/019770)
[30] DE (10 2012 213 614.2) 2012-08-01

[21] **2,878,630**
[13] A1

[51] **Int.Cl. C10G 1/02 (2006.01) C10G 19/073 (2006.01)**
[25] EN
[54] **INTEGRATED OIL PRODUCTION AND UPGRADING USING A MOLTEN ALKALI METAL**
[54] **PRODUCTION ET AMELIORATION DE PETROLE INTEGRES A L'AIDE D'UN METAL ALCALIN FONDU**
[72] GORDON, JOHN HOWARD, US
[71] CERAMATEC, INC., US
[85] 2015-01-07
[86] 2013-07-12 (PCT/US2013/050194)
[87] (WO2014/011953)
[30] US (61/671,228) 2012-07-13

[21] **2,878,634**
[13] A1

[51] **Int.Cl. C07C 2/36 (2006.01) B01J 31/16 (2006.01) B01J 31/18 (2006.01) C07C 1/08 (2006.01) C07C 2/08 (2006.01) C08F 4/02 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **METHOD FOR OLIGOMERIZATION OF ETHYLENE**
[54] **PROCEDE D'OLIGOMERISATION DE L'ETHYLENE**
[72] WOHL, ANINA, DE
[72] MULLER, WOLFGANG, DE
[72] BOLT, HEINZ, DE
[72] MEISWINKEL, ANDREAS, DE
[72] HARFF, MARCO, DE
[72] WELLENHOFER, ANTON, DE
[72] HOFMANN, KARL-HEINZ, DE
[72] ZANDER, HANS-JORG, DE
[72] ILIYAS, ABDULJELIL, SA
[72] KHURRAM, SHEHZADA, SA
[72] AZAM, SHAHID, SA
[72] AL-QAHTANI, ABDULLAH, SA
[71] SAUDI BASIC INDUSTRIES CORPORATION, SA
[71] LINDE AG, DE
[85] 2015-01-08
[86] 2013-06-05 (PCT/EP2013/001658)
[87] (WO2014/008964)
[30] EP (12175732.2) 2012-07-10

[21] **2,878,636**
[13] A1

[51] **Int.Cl. C07C 227/20 (2006.01)**
[25] EN
[54] **PREPARATION OF 18F-FLUCICLOVINE**
[54] **PREPARATION DE 18F-FLUCICLOVINE**
[72] SVADBERG, ANDERS, NO
[72] RYAN, OLAV, NO
[72] SMEETS, ROGER, NO
[71] GE HEALTHCARE LIMITED, GB
[85] 2015-01-08
[86] 2013-08-07 (PCT/EP2013/066570)
[87] (WO2014/023775)
[30] GB (1214220.4) 2012-08-09

[21] **2,878,638**
[13] A1

[51] **Int.Cl. C23C 16/40 (2006.01) A61J 1/00 (2006.01) C23C 16/04 (2006.01)**
[25] EN
[54] **SIOX BARRIER FOR PHARMACEUTICAL PACKAGE AND COATING PROCESS**
[54] **BARRIERE DE SIOX POUR EMBALLAGE PHARMACEUTIQUE ET PROCEDE DE REVETEMENT**
[72] WEIKART, CHRISTOPHER, US
[72] FELTS, JOHN T., US
[72] FISK, THOMAS E., US
[72] ABRAMS, ROBERT S., US
[72] FERGUSON, JOHN, US
[72] FREEDMAN, JONATHAN R., US
[72] PANGBORN, ROBERT J., US
[72] SAGONA, PETER J., US
[71] SIO2 MEDICAL PRODUCTS, INC., US
[85] 2014-12-31
[86] 2013-06-28 (PCT/US2013/048709)
[87] (WO2014/008138)
[30] US (61/667,871) 2012-07-03
[30] US (61/713,435) 2012-10-12
[30] US (13/651,299) 2012-10-12
[30] US (PCT/US2012/064489) 2012-11-09
[30] US (61/732,180) 2012-11-30
[30] US (61/747,584) 2012-12-31
[30] US (61/771,644) 2013-03-01
[30] US (61/776,733) 2013-03-11
[30] US (61/800,660) 2013-03-15
[30] US (61/792,952) 2013-03-15
[30] US (61/800,494) 2013-03-15
[30] US (61/800,746) 2013-03-15

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[13] A1

[51] **Int.Cl. C07K 14/76 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **MULTIVALENT HETEROMULTIMER SCAFFOLD DESIGN AND CONSTRUCTS**
[54] **CONCEPTION D'ECHAFAUDAGES HETEROMULTIMERES ET PRODUITS DE RECOMBINAISON**
[72] D'ANGELO, IGOR EDMONDO PAOLO, CA
[72] NG, GORDON YIU KON, CA
[72] DIXIT, SURJIT BHIMARAO, CA
[72] SANCHES, MARIO, CA
[71] ZYMEWORKS, INC., CA
[85] 2015-01-07
[86] 2013-07-12 (PCT/US2013/050408)
[87] (WO2014/012082)
[30] US (61/671,640) 2012-07-13
[30] US (61/697,245) 2012-09-05
[30] US (61/758,701) 2013-01-30
[30] US (61/845,945) 2013-07-12

[21] **2,878,641**
[13] A1

[51] **Int.Cl. F16J 15/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING A PRODUCT**
[54] **PROCEDE ET DISPOSITIF POUR MANIPULER UN PRODUIT**
[72] WITTE, DANIEL, DE
[72] KUNZ, ALFRED, CH
[71] LIST HOLDING AG, CH
[85] 2015-01-08
[86] 2013-07-10 (PCT/EP2013/064532)
[87] (WO2014/009393)
[30] DE (10 2012 106 239.0) 2012-07-11

[21] **2,878,642**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 9/127 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C07K 17/00 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **ANTIBODY SPECIFIC FOR CD22 AND METHODS OF USE THEREOF**
[54] **ANTICORPS SPECIFIQUE POUR CD22 ET SES PROCEDES D'UTILISATION**
[72] RABUKA, DAVID, US
[72] HOLGATE, ROBERT GEORGE EDWARD, GB
[72] CARR, FRANCIS JOSEPH, GB
[71] REDWOOD BIOSCIENCE, INC., US
[85] 2015-01-07
[86] 2013-07-15 (PCT/US2013/050489)
[87] (WO2014/014821)
[30] US (61/673,630) 2012-07-19

[21] **2,878,643**
[13] A1

[51] **Int.Cl. A01N 43/80 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **METHODS OF PEST CONTROL IN SOYBEAN**
[54] **PROCEDE DE LUTTE CONTRE DES ORGANISMES NUISIBLES S'ATTAQUANT AU SOJA**
[72] EL QACEMI, MYRIEM, CH
[72] CASSAYRE, JEROME YVES, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2015-01-08
[86] 2013-07-26 (PCT/EP2013/065785)
[87] (WO2014/019950)
[30] EP (12179260.0) 2012-08-03
[30] EP (12195021.6) 2012-11-30

[21] **2,878,644**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) C12N 9/00 (2006.01)**
[25] EN
[54] **UK-2 BIOSYNTHETIC GENES AND METHOD FOR IMPROVING UK-2 PRODUCTIVITY USING THE SAME**
[54] **GENES DE BIOSYNTHESE UK-2 ET PROCEDE D'AMELIORATION DE LA PRODUCTIVITE D'UK-2 A L'AIDE DE CEUX-CI**
[72] KOBAYASHI, KOEI, JP
[72] SUMIDA, NAOMI, JP
[72] YANAI, KOJI, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2015-01-08
[86] 2013-07-08 (PCT/JP2013/069081)
[87] (WO2014/010714)
[30] JP (2012-153986) 2012-07-09

[21] **2,878,646**
[13] A1

[51] **Int.Cl. F25B 17/08 (2006.01) F25B 27/02 (2006.01) F25B 40/02 (2006.01)**
[25] FR
[54] **SUB-COOLING SYSTEM OF A COMPRESSION-REFRIGERATION SYSTEM**
[54] **SYSTEME DE SOUS-REFROIDISSEMENT D'UN SYSTEME DE REFRIGERATION A COMPRESSION**
[72] RIGAUD, LAURENT, FR
[72] KINDBEITER, FRANCIS, FR
[71] COLDWAY, FR
[85] 2015-01-08
[86] 2013-07-16 (PCT/FR2013/000188)
[87] (WO2014/013145)
[30] FR (1202025) 2012-07-17

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[21] **2,878,647**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **IMAGE IDENTIFICATION AND ORGANISATION ACCORDING TO A LAYOUT WITHOUT USER INTERVENTION**

[54] **IDENTIFICATION ET ORGANISATION D'IMAGES SELON UNE DISPOSITION SANS INTERVENTION DE L'UTILISATEUR**

[72] CANAN, RAMONA P., US
[72] YOO, DAHEY, US
[72] CHAN, CHUNKIT J., US
[72] ROSENSTEIN, DANIEL, US
[72] ROMASHKA, IVAN D., US
[72] PETH, IAN N., US
[72] AVERY, ADAM K., US
[72] ZLATEFF, CARMEN, US
[72] WEED, BRADLEY G., US
[72] MEHENDALE, OMKAR ANAND, US
[71] MICROSOFT CORPORATION, US
[85] 2015-01-07
[86] 2013-07-16 (PCT/US2013/050583)
[87] (WO2014/014855)
[30] US (13/551,297) 2012-07-17

[21] **2,878,649**
[13] A1

[51] **Int.Cl. F25B 17/08 (2006.01) F25B 35/04 (2006.01)**

[25] FR
[54] **ENCLOSURE REFRIGERATED BY A HYBRID COMPRESSION/ABSORPTION REFRIGERATION SYSTEM**

[54] **ENCEINTE REFRIGERE PAR UN SYSTEME DE REFRIGERATION HYBRIDE A COMPRESSION/ABSORPTION**

[72] RIGAUD, LAURENT, FR
[72] KINDBEITER, FRANCIS, FR
[71] COLDWAY, FR
[85] 2015-01-08
[86] 2013-07-16 (PCT/FR2013/000189)
[87] (WO2014/013146)
[30] FR (120204) 2012-07-17

[21] **2,878,650**
[13] A1

[51] **Int.Cl. A61K 47/18 (2006.01) A61K 9/107 (2006.01)**

[25] FR
[54] **USE OF A CREAM THAT PROTECTS AGAINST THE EFFECTS OF AGGRESSIVE CHEMICAL AGENTS IN CONTACT WITH THE SKIN**

[54] **UTILISATION D'UNE CREME DE PROTECTION CONTRE LES EFFETS DES AGENTS CHIMIQUES AGRESSIFS EN CONTACT AVEC LA PEAU**

[72] BLOMET, JOEL, FR
[72] MATHIEU, LAURENCE, FR
[72] MEYER, MARIE-CLAUDE, FR
[71] PREVOR INTERNATIONAL, FR
[85] 2015-01-08
[86] 2013-07-17 (PCT/FR2013/051717)
[87] (WO2014/013194)
[30] FR (12 56939) 2012-07-18

[21] **2,878,651**
[13] A1

[51] **Int.Cl. A01N 37/08 (2006.01) A61K 31/15 (2006.01) A61K 31/19 (2006.01)**

[25] EN
[54] **HISTONE DEACETYLASE INHIBITORS AND COMPOSITIONS AND METHODS OF USE THEREOF**

[54] **INHIBITEURS D'HISTONE DESACETYLASE AINSI QUE COMPOSITIONS ET METHODES D'UTILISATION ASSOCIEES**

[72] DOMINGUEZ, CELIA, US
[72] LUCKHURST, CHRISTOPHER, A., GB
[72] BURLI, ROLAND, W., GB
[72] STOTT, ANDREW, J., GB
[72] BRECCIA, PERTA, GB
[72] BRECCIA, PERLA, GB
[71] CHDI FOUNDATION, INC., US
[85] 2015-01-07
[86] 2013-07-16 (PCT/US2013/050664)
[87] (WO2014/014900)
[30] US (61/672,232) 2012-07-16

[21] **2,878,652**
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/3201 (2006.01)**

[25] EN
[54] **CUTTING DEVICE FOR ENDOVASCULAR SURGERY**

[54] **DISPOSITIF DE DECOUPE POUR CHIRURGIE ENDOVASCULAIRE**

[72] ALSAC, JEAN-MARC, FR
[72] DUFETELLE, EDOUARD, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2015-01-08
[86] 2013-07-12 (PCT/EP2013/064842)
[87] (WO2014/009554)
[30] FR (1256751) 2012-07-12

[21] **2,878,653**
[13] A1

[51] **Int.Cl. G09F 23/02 (2006.01)**

[25] EN
[54] **SYSTEM FOR SELECTIVELY REVEALING INDICIA**

[54] **SYSTEME POUR REVELER DE MANIERE SELECTIVE DES INDICES**

[72] PELFREY, KEITH ALLEN, US
[72] WEGELIN, JACKSON W., US
[71] GOJO INDUSTRIES, INC., US
[85] 2015-01-06
[86] 2013-07-09 (PCT/US2013/049670)
[87] (WO2014/011602)
[30] US (13/544,684) 2012-07-09

[21] **2,878,654**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 48/00 (2006.01) C12N 9/22 (2006.01) C12N 15/86 (2006.01) C12N 15/90 (2006.01)**

[25] EN
[54] **COMPOSITIONS AND METHODS FOR DUCHENNE MUSCULAR DYSTROPHY GENE THERAPY**

[54] **COMPOSITIONS ET METHODES POUR LA THERAPIE GENIQUE DE LA MALADIE DE DUCHENNE DE BOULOGNE**

[72] POPPLEWELL, LINDA JANE, GB
[72] DICKSON, JOHN GEORGE, GB
[72] YANEZ-MUNOZ, RAFAEL JOAQUIN, GB
[71] ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES, FR
[85] 2015-01-08
[86] 2013-07-15 (PCT/EP2013/064942)
[87] (WO2014/009567)
[30] EP (12305855.4) 2012-07-13

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[21] **2,878,656**
[13] A1

[51] **Int.Cl. A61L 27/22 (2006.01) A61L 27/20 (2006.01) A61L 27/56 (2006.01) A61L 33/00 (2006.01)**

[25] EN

[54] **HIGH MOLECULAR WEIGHT SILK FIBROIN AND USES THEREOF**

[54] **FIBROINE DE SOIE DE POIDS MOLECULAIRE ELEVE ET SES UTILISATIONS**

[72] LO, TIM JIA-CHING, TW

[72] LEISK, GARY G., US

[72] PARTLOW, BENJAMIN, US

[72] OMENETTO, FIORENZO, US

[72] KAPLAN, DAVID L., US

[72] KLUGE, JONATHAN A., US

[72] KLUGE, MATTHEW A., US

[71] TRUSTEES OF TUFTS COLLEGE, US

[85] 2015-01-06

[86] 2013-07-09 (PCT/US2013/049740)

[87] (WO2014/011644)

[30] US (61/669,405) 2012-07-09

[30] US (61/761,533) 2013-02-06

[21] **2,878,658**
[13] A1

[51] **Int.Cl. C09B 67/02 (2006.01) B01J 13/02 (2006.01) B01J 13/04 (2006.01)**

[25] FR

[54] **PROCESS FOR PREPARING PARTICLES WHICH HAVE A HYDROPHILIC CORE COATED WITH A HYDROPHOBIC POLYMERIC LAYER**

[54] **PROCEDE POUR LA PREPARATION DE PARTICULES PRESENTANT UN COEUR HYDROPHILE ENROBE PAR UNE COUCHE POLYMERIQUE HYDROPHOBE**

[72] AUGER, AURELIEN, FR

[72] PONCELET, OLIVIER, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2015-01-08

[86] 2013-07-17 (PCT/FR2013/051729)

[87] (WO2014/020256)

[30] FR (1257434) 2012-07-31

[21] **2,878,659**
[13] A1

[51] **Int.Cl. A41D 1/00 (2006.01) A41D 31/00 (2006.01)**

[25] EN

[54] **DYNAMIC MATERIALS INTERGRATED INTO ARTICLES FOR ADJUSTABLE PHYSICAL DIMENSIONAL CHARACTERISTICS**

[54] **MATERIAUX DYNAMIQUES INTEGRES DANS DES ARTICLES POUR DES CARACTERISTIQUES DIMENSIONNELLES PHYSIQUES AJUSTABLES**

[72] NORDSTROM, MATTHEW D., US

[72] WILLIAMS, PATRICK, US

[71] NIKE INNOVATE C.V., US

[85] 2015-01-07

[86] 2013-08-27 (PCT/US2013/056847)

[87] (WO2014/035996)

[30] US (61/693,638) 2012-08-27

[21] **2,878,661**
[13] A1

[51] **Int.Cl. A42B 1/22 (2006.01) A41D 13/002 (2006.01) B32B 3/10 (2006.01) B32B 38/04 (2006.01)**

[25] EN

[54] **DYNAMIC MATERIALS INTERGRATED INTO ARTICLES FOR ADJUSTABLE PHYSICAL PERMEABILITY CHARACTERISTICS**

[54] **MATERIAUX DYNAMIQUES INTEGRES DANS DES ARTICLES POUR OBTENIR DES CARACTERISTIQUES DE PERMEABILITE PHYSIQUES AJUSTABLES**

[72] NORDSTROM, MATTHEW, D., US

[72] WILLIAMS, PATRICK, US

[71] NIKE INNOVATE C.V., US

[85] 2015-01-07

[86] 2013-08-27 (PCT/US2013/056850)

[87] (WO2014/035999)

[30] US (61/693,638) 2012-08-27

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[13] A1

[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/4045 (2006.01) A61K 31/407 (2006.01) A61K 31/437 (2006.01) A61P 13/10 (2006.01) C07D 471/04 (2006.01) C07D 491/048 (2006.01)**

[25] EN

[54] **INDOLE CARBOXAMIDE DERIVATIVE**

[54] **DERIVE INDOLE CARBOXAMIDE**

[72] KANAYAMA, TAKATOSHI, JP

[72] KUBOTA, HIDEKI, JP

[72] MATSUMOTO, SHUNICHIRO, JP

[72] SAITO, TOMOYUKI, JP

[72] SHIMIZU, TAKAFUMI, JP

[72] KATOH, NAOTO, JP

[72] MATSUI, SHIGEO, JP

[71] ASTELLAS PHARMA INC., JP

[85] 2015-01-08

[86] 2013-07-09 (PCT/JP2013/068780)

[87] (WO2014/010602)

[30] JP (2012-154322) 2012-07-10

[21] **2,878,664**
[13] A1

[51] **Int.Cl. B01D 53/04 (2006.01) A01G 9/18 (2006.01) B01D 53/62 (2006.01) E03B 3/28 (2006.01)**

[25] EN

[54] **MATERIALS AND PROCESS FOR REVERSIBLE ADSORPTION OF CARBON DIOXIDE**

[54] **MATERIAUX ET PROCEDE POUR L'ADSORPTION REVERSIBLE DU DIOXYDE DE CARBONE**

[72] ROESTENBERG, TIMO, NL

[72] BREM, GERRIT, NL

[72] DAAMEN, SJOERD, ES

[72] O'CONNOR, PAUL, NL

[71] ANTECY B.V., NL

[85] 2015-01-08

[86] 2013-07-17 (PCT/EP2013/065070)

[87] (WO2014/012963)

[30] US (61/672,331) 2012-07-17

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[21] **2,878,665**
[13] A1

[51] **Int.Cl. C07C 2/08 (2006.01) B01J 7/00 (2006.01) C07C 9/04 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **NATURAL GAS PROCESSING AND SYSTEMS**
[54] **TRAITEMENT ET SYSTEMES DE GAZ NATUREL**
[72] IYER, RAHUL, US
[72] TKACHENKO, ALEX, US
[72] WEINBERGER, SAM, US
[72] SCHER, ERIK C., US
[72] RADAELLI, GUIDO, US
[72] HARRAZ, HATEM, US
[71] SILURIA TECHNOLOGIES, INC., US
[85] 2015-01-06
[86] 2013-07-09 (PCT/US2013/049742)
[87] (WO2014/011646)
[30] US (61/669,523) 2012-07-09
[30] US (61/773,669) 2013-03-06

[21] **2,878,666**
[13] A1

[51] **Int.Cl. G06F 9/445 (2006.01) H04W 12/06 (2009.01) G06F 21/44 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PREPROVISIONING AUTHENTICATION TOKENS TO MOBILE APPLICATIONS**
[54] **PROCEDES ET APPAREIL POUR PREFOURNIR DES JETONS D'AUTHENTIFICATION A DES APPLICATIONS MOBILES**
[72] MADSEN, PAUL, CA
[72] CAMPBELL, BRIAN, US
[71] PING IDENTITY CORPORATION, US
[85] 2015-01-08
[86] 2013-05-10 (PCT/US2013/040526)
[87] (WO2014/011318)
[30] US (13/544,553) 2012-07-09

[21] **2,878,668**
[13] A1

[51] **Int.Cl. C08H 7/00 (2011.01) C08L 23/16 (2006.01) C08L 97/00 (2006.01)**
[25] FR
[54] **USE OF A LIGNIN FOR THE MECHANICAL REINFORCEMENT OF AN ELASTOMER, AND ELASTOMER THUS REINFORCED**
[54] **UTILISATION D'UNE LIGNINE POUR LE RENFORT MECANIQUE D'ELASTOMERES, ET ELASTOMERE AINSI RENFORCE**
[72] BENJELLOUN MLAYAH,
BOUCHRA, FR
[72] DELMAS, MICHEL, FR
[71] COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE, FR
[85] 2015-01-08
[86] 2013-07-16 (PCT/EP2013/064992)
[87] (WO2014/012924)
[30] FR (1256889) 2012-07-17

[21] **2,878,670**
[13] A1

[51] **Int.Cl. G01N 33/94 (2006.01)**
[25] EN
[54] **TEST KIT FOR THE QUANTITATIVE DETERMINATION OF NARCOTIC DRUGS**
[54] **KIT DE TEST POUR LA DETERMINATION QUANTITATIVE DE STUPEFIANTS**
[72] KARLSEN, MORTEN SALIHI, NO
[72] LIU, HUILING, NO
[72] JOHANSEN, JON EIGILL, NO
[71] CHIRON AS, NO
[85] 2015-01-08
[86] 2013-07-19 (PCT/EP2013/065323)
[87] (WO2014/013063)
[30] EP (12177125.7) 2012-07-19

[21] **2,878,671**
[13] A1

[51] **Int.Cl. E02B 3/26 (2006.01)**
[25] EN
[54] **A MARITIME FENDER AND ASSOCIATED METHOD OF MAINTENANCE**
[54] **DEFENSE MARITIME ET PROCEDE D'ENTRETIEN S'Y RAPPORANT**
[72] SMITH, SCOTT, SG
[71] TRELLEBORG MARINE SYSTEMS AUSTRALIA PTY LTD, AU
[85] 2015-01-08
[86] 2012-07-11 (PCT/AU2012/000832)
[87] (WO2014/008525)

[21] **2,878,672**
[13] A1

[51] **Int.Cl. C12P 21/00 (2006.01)**
[25] EN
[54] **GENERATION OF NATIVE RECOMBINANT SECRETED HUMAN ENDOPLASMIC RETICULUM CHAPERONES BY USING THEIR NATIVE SIGNAL SEQUENCES IN YEAST EXPRESSION SYSTEMS**
[54] **GENERATION DE PROTEINES CHAPERONNES DU RETICULUM ENDOPLASMIQUE HUMAINES SECRETEES RECOMBINANTES ENDOGENES A L'AIDE DE LEURS SEQUENCES SIGNAL ENDOGENES DANS DES SYSTEMES D'EXPRESSION DE LEVURE**
[72] CIPLYS, EVALDAS, LT
[72] SLIBINSKAS, RIMANTAS, LT
[72] SASNAUSKAS, KESTUTIS, LT
[72] MICHALAK, MAREK, CA
[72] GOLD, LESLIE INA, US
[71] UAB BALTVMAS, LT
[85] 2015-01-06
[86] 2013-07-10 (PCT/US2013/049843)
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[30] US (61/670,768) 2012-07-12

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[13] A1

[51] **Int.Cl. C08K 3/34 (2006.01) B32B 27/00 (2006.01) C08J 5/18 (2006.01) C08K 11/00 (2006.01) C08L 101/00 (2006.01) C09D 5/08 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PROTECTION AGAINST CORROSION OF AN ARTICLE IN A WET ENVIRONMENT AND COMPOSITION THEREFORE**

[54] **PROCEDE DE PROTECTION D'UN ARTICLE CONTRE LA CORROSION DANS UN ENVIRONNEMENT HUMIDE ET COMPOSITION CORRESPONDANTE**

[72] NOOREN, FRANCISCUS PETRUS MARIE, NL

[72] DODDEMA, JAN FREDERIK, NL

[72] BROESDER, HINDRIK HARM, NL

[71] FRANS NOOREN
AFDICHTINGSSYSTEMEN B.V., NL

[85] 2015-01-08

[86] 2013-07-12 (PCT/NL2013/050532)

[87] (WO2014/011051)

[30] EP (12176335.3) 2012-07-13

[30] US (61/671,155) 2012-07-13

[21] **2,878,674**
[13] A1

[51] **Int.Cl. H02G 1/02 (2006.01)**

[25] EN

[54] **POWER LINE MAINTENANCE MONITORING**

[54] **SURVEILLANCE DE LA MAINTENANCE DE LIGNE ELECTRIQUE**

[72] LANCASTER, MARK, US

[71] SOUTHWIRE COMPANY, LLC, US

[85] 2015-01-06

[86] 2013-07-10 (PCT/US2013/049908)

[87] (WO2014/011760)

[30] US (13/545,087) 2012-07-10

[21] **2,878,675**
[13] A1

[51] **Int.Cl. E21B 37/00 (2006.01) B08B 9/027 (2006.01) E21B 33/06 (2006.01)**

[25] EN

[54] **RISER DISPLACEMENT AND CLEANING SYSTEMS AND METHODS OF USE**

[54] **SYSTEMES DE DEPLACEMENT ET DE NETTOYAGE DE COLONNE MONTANTE ET LEURS PROCEDES D'UTILISATION**

[72] ROGERS, HENRY EUGENE, US

[72] SZARKA, DAVID D., US

[72] ROGOZINSKI, NICOLAS, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-08

[86] 2012-08-28 (PCT/US2012/052672)

[87] (WO2014/035375)

[21] **2,878,676**
[13] A1

[51] **Int.Cl. C10L 1/12 (2006.01) F23L 7/00 (2006.01)**

[25] EN

[54] **COMBUSTION PROCESS FOR FUEL CONTAINING VANADIUM COMPOUNDS**

[54] **PROCESSUS DE COMBUSTION DE CARBURANTS CONTENANT DES COMPOSES VANADIUM**

[72] MALAVASI, MASSIMO PIETRO, IT

[72] DI SALVIA, GRAZIA, IT

[72] DI SALVIA, NAZARIO, IT

[72] BASSIGNANO, ALVISE ACHILLE, IT

[72] TEDESCHI, GIAMPIETRO, IT

[71] ITEA S.P.A., IT

[85] 2015-01-08

[86] 2013-07-22 (PCT/EP2013/065390)

[87] (WO2014/016235)

[30] IT (BA2012A000048) 2012-07-24

[21] **2,878,677**
[13] A1

[51] **Int.Cl. E21B 33/08 (2006.01)**

[25] EN

[54] **PACKER SETTING AND/OR UNSETTING**

[54] **MISE EN PLACE ET/OU ENLEVEMENT DE GARNITURE D'ETANCHEITE**

[72] RIOS, ARISTEO, III, US

[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US

[85] 2015-01-08

[86] 2013-07-12 (PCT/US2013/050371)

[87] (WO2014/012056)

[30] US (61/671,599) 2012-07-13

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[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**

[25] EN

[54] **NAVIGATING AMONG CONTENT ITEMS IN A SET**

[54] **NAVIGATION PARMY DES ELEMENTS DE CONTENU DANS UN ENSEMBLE**

[72] VARIAN, HAL R., US

[71] GOOGLE INC., US

[85] 2015-01-08

[86] 2013-06-18 (PCT/US2013/046292)

[87] (WO2014/011365)

[30] US (13/548,299) 2012-07-13

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[13] A1

[51] **Int.Cl. C07K 14/755 (2006.01) C12N 15/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **FACTOR VIII COMPLEX WITH XTEN AND VON WILLEBRAND FACTOR PROTEIN, AND USES THEREOF**
[54] **COMPLEXE DU FACTEUR VIII AVEC UNE SEQUENCE XTEN ET LA PROTEINE FACTEUR DE VON WILLEBRAND, ET UTILISATIONS ASSOCIEES**
[72] CHHABRA, EKTA SETH, US
[72] LIU, TONGYAO, US
[72] CHANG, PEI-YUN, US
[72] PETERS, ROBERT T., US
[72] KULMAN, JOHN, US
[71] AMUNIX OPERATING INC., US
[71] BIOGEN IDEC MA INC., US
[85] 2015-01-06
[86] 2013-07-10 (PCT/US2013/049989)
[87] (WO2014/011819)
[30] US (61/670,401) 2012-07-11
[30] US (61/759,819) 2013-02-01
[30] US (61/801,504) 2013-03-15
[30] US (61/801,544) 2013-03-15
[30] US (61/827,158) 2013-05-24
[30] US (61/840,811) 2013-06-28

[21] **2,878,681**
[13] A1

[51] **Int.Cl. B29C 51/26 (2006.01) B29C 51/42 (2006.01) B42F 3/04 (2006.01) G09F 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR SHAPING SYNTHETIC PAPER, HOLDING STRIP FORMED BY SUCH A METHOD, AND SHEET HOLDING DEVICE**
[54] **PROCEDE DE MISE EN FORME DE PAPIER SYNTHETIQUE, BANDE SUPPORT FORMEE SELON LEDIT PROCEDE ET DISPOSITIF DE SUPPORT DE FEUILLES**
[72] VARGAS CERVANTES, JOSE DANIEL, MX
[72] DIAZ LOPEZ, MABEL GUADALUPE, MX
[72] DIAZ LOPEZ, EDUARDO, MX
[71] VARGAS CERVANTES, JOSE DANIEL, MX
[71] DIAZ LOPEZ, MABEL GUADALUPE, MX
[71] DIAZ LOPEZ, EDUARDO, MX
[85] 2015-01-08
[86] 2012-07-10 (PCT/MX2012/000066)
[87] (WO2014/011022)

[21] **2,878,683**
[13] A1

[51] **Int.Cl. C09D 5/16 (2006.01) A61L 29/08 (2006.01) A61L 33/00 (2006.01) B05D 3/10 (2006.01) B05D 5/08 (2006.01) B08B 17/00 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **SLIPPERY SELF-LUBRICATING POLYMER SURFACES**
[54] **SURFACES POLYMERES AUTOLUBRIFIANTES GLISSANTES**
[72] AIZENBERG, JOANNA, US
[72] AIZENBERG, MICHAEL, US
[72] CUI, JIAXI, US
[72] DUNN, STUART, US
[72] HATTON, BENJAMIN, US
[72] HOWELL, CAITLIN, US
[72] KIM, PHILSEOK, US
[72] WONG, TAK SING, US
[72] YAO, XI, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2015-01-08
[86] 2013-07-12 (PCT/US2013/050406)
[87] (WO2014/012080)
[30] US (61/670,756) 2012-07-12
[30] US (61/780,683) 2013-03-13

[21] **2,878,680**
[13] A1

[51] **Int.Cl. B44C 1/00 (2006.01)**
[25] EN
[54] **DISSOLVABLE FILMS AND METHODS OF USING THE SAME**
[54] **FILMS POUVANT ETRE DISSOUS ET PROCEDES D'UTILISATION DE CES DERNIERS**
[72] RIELAND, ELIZABETH, US
[72] VADAKETH, LEENA, US
[72] KRIEGER, CHERYL, US
[72] SHULER, ERIC, US
[71] CRAYOLA, LLC, US
[85] 2015-01-08
[86] 2012-11-01 (PCT/US2012/062952)
[87] (WO2014/018075)
[30] US (61/674,605) 2012-07-23

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[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/295 (2006.01)**
[25] EN
[54] **VACCINE COMPOSITIONS**
[54] **COMPOSITIONS DE VACCIN**
[72] BOUCKENOOGHE, ALAIN, SG
[72] FORRAT, REMI, FR
[72] LANG, JEAN, FR
[72] SAVILLE, MELANIE, FR
[72] TORNIEPORTH, NADIA, US
[71] SANOFI PASTEUR, FR
[85] 2015-01-08
[86] 2013-07-24 (PCT/EP2013/065667)
[87] (WO2014/016360)
[30] EP (12305907.3) 2012-07-24
[30] EP (12305912.3) 2012-07-25

[21] **2,878,684**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) C07K 14/775 (2006.01)**
[25] EN
[54] **METHOD OF TREATING HYPERGLYCEMIC DISORDERS USING APOLIPROTEIN AIV**
[54] **PROCEDE POUR TRAITER DES TROUBLES D'HYPERGLYCEMIE AU MOYEN D'APOLIPOPROTEINE AIV**
[72] TSO, PATRICK, US
[72] WANG, FEI, US
[72] DAVIDSON, SEAN, US
[72] WOODS, STEPHEN, US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2015-01-08
[86] 2012-11-21 (PCT/US2012/066334)
[87] (WO2014/018079)
[30] US (61/675,549) 2012-07-25

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) B21B 3/02 (2006.01) C21D 9/46 (2006.01) C22C 38/14 (2006.01) C22C 38/38 (2006.01)**
[25] EN
[54] **STEEL MATERIAL**
[54] **MATERIAU EN ACIER**
[72] KAWANO, KAORI, JP
[72] TASAKA, MASAHITO, JP
[72] NAKAZAWA, YOSHIKI, JP
[72] TANAKA, YASUAKI, JP
[72] TOMIDA, TOSHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-08
[86] 2013-07-22 (PCT/JP2013/069805)
[87] (WO2014/014120)
[30] JP (2012-161730) 2012-07-20

[21] **2,878,687**
[13] A1
[51] **Int.Cl. G01V 7/14 (2006.01) G01V 7/16 (2006.01)**
[25] EN
[54] **INTERFEROMETRIC GRADIOMETER APPARATUS AND METHOD**
[54] **GRADIOMETRE INTERFEROMETRIQUE ET PROCEDE ASSOCIE**
[72] KLOPPING, FRED J., US
[72] BILLSON, RYAN M., US
[72] NIEBAUER, TIMOTHY M., US
[71] MICRO-G LACOSTE, INC., US
[85] 2015-01-07
[86] 2013-07-17 (PCT/US2013/050800)
[87] (WO2014/018324)
[30] US (13/558,138) 2012-07-25

[21] **2,878,689**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF AN HCV INHIBITOR**
[54] **FORMES CRISTALLINES D'UN INHIBITEUR DU VHC**
[72] SHEIKH, AHMAD Y., US
[72] DIWAN, MOIZ, US
[72] PAL, AGNES E., US
[72] GONG, YUCHUAN, US
[72] BRACKEMEYER, PAUL J., US
[72] ZHANG, GEOFF G., US
[72] WAGAW, SEBLE, US
[71] ABBVIE INC., US
[85] 2015-01-06
[86] 2013-07-11 (PCT/US2013/050023)
[87] (WO2014/011840)
[30] US (61/670,905) 2012-07-12

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[13] A1
[51] **Int.Cl. A61K 31/357 (2006.01) A61K 31/015 (2006.01) A61K 31/34 (2006.01) A61K 31/36 (2006.01) A61P 23/00 (2006.01)**
[25] EN
[54] **METHODS OF INDUCING ANESTHESIA**
[54] **METHODES POUR INDUIRE UNE ANESTHESIE**
[72] BROSNAN, ROBERT J., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-01-08
[86] 2013-03-14 (PCT/US2013/031668)
[87] (WO2014/011235)
[30] US (61/670,098) 2012-07-10
[30] US (61/681,747) 2012-08-10

[21] **2,878,688**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING ASSEMBLIES AND METHODS OF USING THE SAME**
[54] **ENSEMBLES D'ENTRETIEN DE TROU DE FORAGE ET LEURS PROCEDES D'UTILISATION**
[72] PATTERSON, ROBERT BRICE, US
[72] ABLES, WILLIAM COLT, US
[72] GILES, JON JACOB, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-08
[86] 2013-06-17 (PCT/US2013/046127)
[87] (WO2014/011361)
[30] US (13/544,750) 2012-07-09

[21] **2,878,690**
[13] A1
[51] **Int.Cl. B65G 17/08 (2006.01)**
[25] EN
[54] **SELF-STACKING SPIRAL MODULAR PLASTIC CONVEYOR BELT**
[54] **BANDE TRANSPORTEUSE HELICOIDALE MODULAIRE EN PLASTIQUE A AUTO-EMPILAGE**
[72] BOGLE, DAVID W., US
[72] TALBOTT, ALEJANDRO J., US
[72] ROSEN, ROBERT L., US
[71] LAITRAM, L.L.C., US
[85] 2015-01-08
[86] 2013-07-15 (PCT/US2013/050508)
[87] (WO2014/014827)
[30] US (61/673,019) 2012-07-18

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[21] **2,878,691**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **MULTI-FRAME PROSTHETIC VALVE APPARATUS AND METHODS**
[54] **APPAREIL DE VALVE PROTHETIQUE A ARMATURES MULTIPLES ET PROCEDES ASSOCIES**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-01-07
[86] 2013-07-22 (PCT/US2013/051431)
[87] (WO2014/018432)
[30] US (61/676,812) 2012-07-27
[30] US (13/797,526) 2013-03-12

[21] **2,878,692**
[13] A1

[51] **Int.Cl. G09B 23/30 (2006.01)**
[25] EN
[54] **SURGICAL SIMULATION MODEL AND METHODS OF PRACTICING SURGICAL PROCEDURES USING THE SAME**
[54] **MODELE DE SIMULATION CHIRURGICALE ET PROCEDES POUR PRATIQUER DES INTERVENTIONS CHIRURGICALES A L'AIDE DE CE MODELE**
[72] CRABTREE, TRAVES DEAN, US
[71] CRABTREE, TRAVES DEAN, US
[85] 2015-01-08
[86] 2013-07-25 (PCT/US2013/051936)
[87] (WO2014/018703)
[30] US (13/557,436) 2012-07-25

[21] **2,878,693**
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01)**
[25] EN
[54] **NON-REGULAR ELECTRICAL STIMULATION PATTERNS FOR IMPROVED EFFICIENCY IN TREATING PARKINSON'S DISEASE**
[54] **MOTIFS DE STIMULATION ELECTRIQUE NON REGULIERS POUR UNE PLUS GRANDE EFFICACITE DE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] GRILL, WARREN M., US
[72] BROCKER, DAVID T., US
[72] BIRDNO, MERRILL, US
[71] DUKE UNIVERSITY, US
[85] 2015-01-08
[86] 2013-06-17 (PCT/US2013/046183)
[87] (WO2014/130071)
[30] US (13/770.731) 2013-02-19

[21] **2,878,694**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **SINGLE CELL ANALYSIS USING SEQUENCE TAGS**
[54] **ANALYSE D'ORGANISMES UNICELLULAIRES AU MOYEN D'ETIQUETTES DE SEQUENCE**
[72] FAHAM, MALEK, US
[72] WILLIS, THOMAS, US
[72] ZHENG, JIANBIAO, US
[71] SEQUENTA, INC., US
[85] 2015-01-07
[86] 2013-07-22 (PCT/US2013/051539)
[87] (WO2014/018460)
[30] US (61/675,254) 2012-07-24

[21] **2,878,695**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/28 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **METHOD OF TREATING TYPE I DIABETES USING APOLIPOPROTEIN AIV**
[54] **PROCEDE DE TRAITEMENT DU DIABETE DE TYPE I A L'AIDE DE L'APOLIPOPROTEINE AIV**
[72] TSO, PATRICK, US
[72] LI, XIAOMING, US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2015-01-08
[86] 2013-07-25 (PCT/US2013/052078)
[87] (WO2014/018763)
[30] US (61/675,659) 2012-07-25

[21] **2,878,696**
[13] A1

[51] **Int.Cl. B60C 23/02 (2006.01) G01K 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THERMAL MITIGATION FOR TIRE PRESSURE MEASUREMENT ELECTRONICS**
[54] **SYSTEME ET PROCEDE POUR ATTENUATION THERMIQUE POUR ELECTRONIQUES DE MESURE DE PRESSION DE PNEU**
[72] SMITH, GARY THOMAS, US
[71] MEGGITT (ORANGE COUNTY), INC., US
[85] 2015-01-08
[86] 2013-07-01 (PCT/US2013/048865)
[87] (WO2014/011426)
[30] US (13/544,186) 2012-07-09

[21] **2,878,697**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C12N 9/64 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METALLOPROTEINASE-9 OLIGOPEPTIDES AND THEIR THERAPEUTIC USE**
[54] **OLIGOPEPTIDES METALLOPROTEINASE-9 ET LEUR UTILISATION THERAPEUTIQUE**
[72] RATH, MATTHIAS, US
[71] RATH, MATTHIAS, US
[85] 2015-01-08
[86] 2013-04-10 (PCT/US2013/035867)
[87] (WO2014/011274)
[30] US (13/549,329) 2012-07-13

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[21] **2,878,698**
[13] A1

[51] **Int.Cl. C07D 309/10 (2006.01) A61K 31/351 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **CRYSTALLINE COMPLEX OF 1-CYANO-2-(4-CYCLOPROPYLBENZYL)-4-(BETA-D-GLUCOPYRANOS-1-YL)-BENZENE, METHODS FOR ITS PREPARATION AND THE USE THEREOF FOR PREPARING MEDICAMENTS**

[54] **COMPLEXE CRISTALLIN DE 1-CYANO-2-(4-CYCLOPROPYLBENZYL)-4-(?-D-GLUCOPYRANOS-1-YL)BENZENE, PROCEDES POUR SA PREPARATION ET SON UTILISATION POUR LA PREPARATION DE MEDICAMENTS**

[72] ECKHARDT, MATTHIAS, DE
[72] BUTZ, TANJA, DE
[72] HIMMELSBACH, FRANK, DE
[72] MARTIN, HANS-JUERGEN, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE

[85] 2015-01-08
[86] 2013-07-25 (PCT/EP2013/065736)
[87] (WO2014/016381)
[30] EP (12177944.1) 2012-07-26

[21] **2,878,699**
[13] A1

[51] **Int.Cl. C07D 215/56 (2006.01) C07C 43/29 (2006.01) C07C 49/84 (2006.01)**

[25] EN

[54] **PROCESS AND INTERMEDIATES FOR PREPARING INTEGRASE INHIBITORS**

[54] **PROCEDE ET INTERMEDIAIRES POUR PREPARER DES INHIBITEURS D'INTEGRASE**

[72] PCION, DOMINIKA, US
[72] TOMASI, CARRIE, US
[72] WHITCOMB, MARK CHARLES, US
[72] DOWDY, ERIC D., US
[72] FU, WENYI, US
[72] MACLEOD, PATRICIA, US
[71] GILEAD SCIENCES, INC., US

[85] 2015-01-08
[86] 2013-08-01 (PCT/US2013/053295)
[87] (WO2014/022707)
[30] US (61/679,475) 2012-08-03

[21] **2,878,700**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR DELEGATED AUTHENTICATION TOKEN RETRIEVAL**

[54] **PROCEDES ET APPAREIL DE RECUPERATION DE JETONS D'AUTHENTIFICATION DELEGUEE**

[72] FIELD-ELIOT, BRYAN, US
[72] NARAHARI, SATEESH, US
[72] MADSEN, PAUL, CA
[71] PING IDENTITY CORPORATION, US

[85] 2015-01-08
[86] 2013-07-09 (PCT/US2013/049669)
[87] (WO2014/011601)
[30] US (13/544,565) 2012-07-09

[21] **2,878,701**
[13] A1

[51] **Int.Cl. C12N 9/10 (2006.01) A61K 38/17 (2006.01) A61K 47/48 (2006.01) A61P 25/28 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/16 (2006.01) C07K 19/00 (2006.01) C12N 9/12 (2006.01)**

[25] EN

[54] **NEUROPROTECTIVE PEPTIDES THAT INHIBIT INTERACTION BETWEEN PALMITOYL ACYL TRANSFERASE ZINC- FINGER DHHC TYPE CONTAINING 17 (ZD17) AND C-JUN N-TERMINAL KINASE (JNK)**

[54] **PEPTIDES NEUROPROTECTEURS QUI INHIBENT UNE INTERACTION ENTRE UNE PALMITOYL ACYLTRANSFERASE A DOIGT DE ZINC DHHC DE TYPE CONTENANT 17 (ZD17) ET UNE C-JUN N-TERMINAL KINASE (JNK)**

[72] CYNADER, MAX S., CA
[72] YANG, GUANG, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA

[85] 2015-01-08
[86] 2012-07-12 (PCT/CA2012/050483)
[87] (WO2013/006978)
[30] US (61/507,060) 2011-07-12

[21] **2,878,702**
[13] A1

[51] **Int.Cl. B41F 7/02 (2006.01) B41F 7/16 (2006.01)**

[25] EN

[54] **AN APPARATUS AND PROCESS**

[54] **APPAREIL ET PROCEDE**

[72] TRELOAR, STEPHEN, AU
[71] AMCOR LIMITED, AU

[85] 2015-01-09
[86] 2013-07-10 (PCT/AU2013/000764)
[87] (WO2014/008544)
[30] AU (2012902959) 2012-07-10
[30] US (61/673,586) 2012-07-19

[21] **2,878,703**
[13] A1

[51] **Int.Cl. H01R 13/24 (2006.01) H01R 12/71 (2011.01)**

[25] EN

[54] **ELECTRICAL CONTACT**

[54] **CONTACT ELECTRIQUE**

[72] MILLER, KEITH EDWIN, US
[72] YI, CHONG HUN, US
[72] MCALONIS, MATTHEW RICHARD, US

[72] THACKSTON, KEVIN MICHAEL, US
[72] BELACK, DUSTIN CARSON, US
[72] TSANG, ALBERT, US
[72] RUFFINI, NICHOLAS PAUL, US
[72] MCKENNEY, DARRYL J., US
[72] OUELLETTE, ERICA L., US
[71] TYCO ELECTRONICS CORPORATION, US

[71] MERCURY SYSTEMS, INC., US

[85] 2015-01-08
[86] 2013-08-06 (PCT/US2013/053732)
[87] (WO2014/028266)
[30] US (61/683,537) 2012-08-15
[30] US (13/743,128) 2013-01-16

[21] **2,878,704**
[13] A1

[51] **Int.Cl. B05D 5/06 (2006.01)**

[25] EN

[54] **ROLL COATING PROCESS AND APPARATUS**

[54] **PROCEDES ET APPAREIL DE REVETEMENT AU ROULEAU**

[72] ROOIJMANS, MARNIX, NL
[72] BIESMANS, KAY MARIE ALLAN, NL
[71] DSM IP ASSETS B.V., NL

[85] 2015-01-08
[86] 2013-08-06 (PCT/EP2013/066445)
[87] (WO2014/023716)
[30] EP (12179860.7) 2012-08-09

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[21] **2,878,705**
[13] A1

[51] **Int.Cl. B32B 15/08 (2006.01) B65D 5/56 (2006.01) B65D 65/40 (2006.01)**

[25] EN

[54] **MATERIAL FOR CARTON, BLANK, OR SUBSTRATE**

[54] **MATERIAU POUR CARTON, DECOUPE, OU SUBSTRAT**

[72] GILPATRICK, WILLIAM, US

[72] SLOAT, JEFFREY T., US

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2015-01-08

[86] 2013-08-23 (PCT/US2013/056340)

[87] (WO2014/031930)

[30] US (61/743,033) 2012-08-24

[21] **2,878,706**
[13] A1

[51] **Int.Cl. G01B 5/004 (2006.01) A61B 19/00 (2006.01) B25J 11/00 (2006.01) B25J 19/02 (2006.01) G01C 9/00 (2006.01)**

[25] EN

[54] **MECHANICAL TRACKING SYSTEM**

[54] **SYSTEME DE POURSUITE MECANIQUE**

[72] BAX, JEFFREY, CA

[72] FENSTER, AARON, CA

[71] UNIVERSITY OF WESTERN ONTARIO, CA

[71] CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION, CA

[85] 2015-01-08

[86] 2013-07-15 (PCT/CA2013/000631)

[87] (WO2014/012163)

[30] US (61/671701) 2012-07-14

[21] **2,878,707**
[13] A1

[51] **Int.Cl. C09K 8/04 (2006.01)**

[25] EN

[54] **ALKYLATED POLYETHERAMINES AS CLAY STABILIZING AGENTS**

[54] **POLYETHERAMINES ALKYLEES EN TANT QU'AGENTS STABILISANT L'ARGILE**

[72] PAKULSKI, MAREK, US

[72] FORKNER, MATTHEW W., US

[71] HUNTSMAN PETROCHEMICAL LLC, US

[85] 2015-01-08

[86] 2013-11-04 (PCT/US2013/068261)

[87] (WO2014/074443)

[30] US (61/725,204) 2012-11-12

[21] **2,878,708**
[13] A1

[51] **Int.Cl. E21B 47/06 (2012.01) E21B 49/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM, METHOD & COMPUTER PROGRAM PRODUCT TO SIMULATE THE PROGRESSIVE FAILURE OF RUPTURE DISKS IN DOWNHOLE ENVIRONMENTS**

[54] **SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME D'ORDINATEUR POUR SIMULER LA DEFAILLANCE PROGRESSIVE DE DISQUES DE RUPTURE DANS DES ENVIRONNEMENTS DE FOND DE TROU**

[72] MITCHELL, ROBERT FRANKLIN, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-01-08

[86] 2013-07-09 (PCT/US2013/049761)

[87] (WO2014/011658)

[30] US (13/546,613) 2012-07-11

[21] **2,878,709**
[13] A1

[51] **Int.Cl. C10B 49/22 (2006.01) C10B 53/02 (2006.01) C10B 57/06 (2006.01) C10C 5/00 (2006.01) C10G 1/08 (2006.01)**

[25] EN

[54] **CATALYTIC PYROLYSIS PROCESS AND PYROLYSIS PRODUCTS SO FORMED**

[54] **PROCEDE DE PYROLYSE CATALYTIQUE ET PRODUITS DE PYROLYSE FORMES AINSI**

[72] VASIC, MILENA, NL

[72] PRONK, MARTINUS HENRICUS, NL

[72] VAN DUREN, RUBEN, NL

[72] KOCH, MELLE, NL

[72] VAN DEN OETELAAR, LEONARDUS CORNELIS ALBERTUS, NL

[72] VAN DER BEEK, DAVID, NL

[71] ALBEMARLE EUROPE SPRL, BE

[85] 2015-01-08

[86] 2013-08-07 (PCT/EP2013/066533)

[87] (WO2014/023759)

[30] US (61/681,072) 2012-08-08

[21] **2,878,710**
[13] A1

[51] **Int.Cl. B05D 5/06 (2006.01) G01J 3/46 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR AUTOMATED PRODUCTION, APPLICATION AND EVALUATION OF COATING COMPOSITIONS**

[54] **SYSTEME ET PROCEDE DE PRODUCTION AUTOMATISEE, APPLICATION ET EVALUATION DE COMPOSITIONS DE REVETEMENT**

[72] LEWIS, MARK D., US

[72] ROBERTSON, WALTER J., US

[72] KIMBRO, MARY, US

[72] GOODNOW, NATHAN, US

[71] PPG INDUSTRIES OHIO, INC., US

[85] 2015-01-08

[86] 2013-07-10 (PCT/US2013/049882)

[87] (WO2014/011741)

[30] US (13/548,524) 2012-07-13

[21] **2,878,711**
[13] A1

[51] **Int.Cl. C22C 19/05 (2006.01)**

[25] EN

[54] **NICKEL-BASED SUPERALLOY, PROCESS THEREFOR, AND COMPONENTS FORMED THEREFROM**

[54] **SUPERALLIAGE A BASE DE NICKEL, TRAITEMENT ASSOCIE ET COMPOSANTS FORMES A PARTIR DE CELUI-CI**

[72] LASONDE, MICHAEL LESLIE, US

[72] MOURER, DAVID PAUL, US

[72] HEANEY, JOSEPH ALOYSIUS, III, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2015-01-08

[86] 2013-07-11 (PCT/US2013/049999)

[87] (WO2014/058491)

[30] US (61/670,634) 2012-07-12

Demandes PCT entrant en phase nationale

[21] **2,878,712**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C12N 15/10 (2006.01) C40B 40/08 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING ANTIBODY MOLECULES HAVING INTER-SPECIES, INTRA-TARGET CROSS-REACTIVITY**

[54] **PROCEDE DE PRODUCTION DE MOLECULES D'ANTICORPS AYANT UNE ACTIVITE CROISEE INTERSPECIFIQUE, INTRA-CIBLE**

[72] DE HAARD, JOHANNES JOSEPH WILHELMUS, NL

[72] BLANCHETOT, CHRISTOPHE FREDERIC JEROME, NL

[72] VAN DER WONING, SEBASTIAN PAUL, NL

[71] ARGEN-X BV, NL

[85] 2015-01-08

[86] 2013-08-30 (PCT/EP2013/067979)

[87] (WO2014/033252)

[30] US (61/695,664) 2012-08-31

[21] **2,878,713**
[13] A1

[51] **Int.Cl. A61B 17/84 (2006.01) A61B 17/88 (2006.01)**

[25] EN

[54] **BONE FIXATION TOOL**

[54] **OUTIL DE FIXATION D'OS**

[72] GIORDANO, MICHAEL, US

[72] LOZIER, ANTONY J., US

[72] MURPHY, DANIEL P., US

[71] ZIMMER, INC., US

[85] 2015-01-08

[86] 2013-07-11 (PCT/US2013/050024)

[87] (WO2014/011841)

[30] US (61/670,183) 2012-07-11

[30] US (61/696,461) 2012-09-04

[30] US (61/702,815) 2012-09-19

[21] **2,878,714**
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/00 (2006.01) A61K 31/58 (2006.01) A61K 47/12 (2006.01) A61K 47/26 (2006.01) A61P 23/00 (2006.01)**

[25] EN

[54] **STABILIZED AQUEOUS COMPOSITIONS OF NEUROMUSCULAR BLOCKING AGENTS**

[54] **COMPOSITIONS AQUEUSES STABILISEES D'AGENTS DE BLOCAGE NEUROMUSCULAIRE**

[72] GIL BEJAR, JUAN, ES

[72] TIMONEDA RAMIA, CRISTINA, ES

[71] B. BRAUN MELSUNGEN AG, DE

[85] 2015-01-08

[86] 2013-09-19 (PCT/EP2013/069507)

[87] (WO2014/048836)

[30] EP (12186393.0) 2012-09-27

[21] **2,878,715**
[13] A1

[51] **Int.Cl. A01D 34/04 (2006.01)**

[25] EN

[54] **MOWER-CONDITIONER WINDROWER IMPLEMENT FOR VARIOUS CROPS**

[54] **OUTIL DE FAUCHAGE ET D'ANDAINAGE POUR CULTURES DIVERSES**

[72] BERTINO, LUIZ HENRIQUE, BR

[71] INDUSTRIAS REUNIDAS COLOMBO LTDA., BR

[85] 2015-01-09

[86] 2013-02-15 (PCT/BR2013/000048)

[87] (WO2014/056055)

[30] BR (BR 1020120256150) 2012-10-08

[21] **2,878,716**
[13] A1

[51] **Int.Cl. A61M 5/36 (2006.01) A61M 5/14 (2006.01) A61M 5/142 (2006.01) A61M 5/158 (2006.01) A61M 5/38 (2006.01)**

[25] EN

[54] **INSERTION MECHANISMS HAVING VENTED FLUID PATHWAYS FOR DRUG DELIVERY PUMPS**

[54] **MECANISMES D'INSERTION COMPRENANT DES CONDUITES DE FLUIDE MISES A L'AIR LIBRE POUR DES POMPES DE DISTRIBUTION DE MEDICAMENTS**

[72] HANSON, IAN B., US

[72] BENTE, PAUL F., IV., US

[72] O'CONNOR, SEAN M., US

[72] SHAH, JAIMIN B., US

[71] UNITRACT SYRINGE PTY LTD, AU

[85] 2015-01-08

[86] 2013-07-11 (PCT/US2013/050075)

[87] (WO2014/011879)

[30] US (61/670,203) 2012-07-11

[21] **2,878,719**
[13] A1

[51] **Int.Cl. B05B 15/06 (2006.01) A62C 31/24 (2006.01) B05B 15/08 (2006.01) E21B 35/00 (2006.01) E21B 41/00 (2006.01)**

[25] EN

[54] **DELUGE SYSTEM**

[54] **INSTALLATION A EAU DU TYPE DELUGE**

[72] GARDEN, IAN, GB

[71] RIGDELUGE GLOBAL LIMITED, GB

[85] 2015-01-08

[86] 2013-07-09 (PCT/GB2013/051810)

[87] (WO2014/009712)

[30] GB (1212200.8) 2012-07-09

[30] GB (1215324.3) 2012-08-29

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[21] **2,878,720**
[13] A1

[51] **Int.Cl. E04B 1/343 (2006.01) E04B 1/348 (2006.01) E04H 1/02 (2006.01)**

[25] EN
[54] **MODULAR BUILDING**
[54] **CONSTRUCTION MODULAIRE**
[72] UNGER, SUSAN, AU
[71] 1 SPACE PTY LTD, AU
[85] 2015-01-09
[86] 2013-07-11 (PCT/AU2013/000768)
[87] (WO2014/008548)
[30] AU (2012902966) 2012-07-11
[30] AU (2013900029) 2013-01-04
[30] AU (2013900027) 2013-01-04
[30] AU (2013900962) 2013-03-19
[30] AU (2013201852) 2013-03-24
[30] AU (2013100359) 2013-03-24

[21] **2,878,722**
[13] A1

[51] **Int.Cl. A47G 23/02 (2006.01) A47G 23/03 (2006.01) A47G 29/08 (2006.01) A47J 45/10 (2006.01) G09F 23/08 (2006.01)**

[25] EN
[54] **BEVERAGE CONTAINER HOLDER**
[54] **SUPPORT DE CONTENEUR DE BOISSON**
[72] TITTEL, LORNE H., CA
[71] TITTEL, LORNE H., CA
[85] 2015-01-08
[86] 2013-07-08 (PCT/CA2013/050527)
[87] (WO2014/008595)
[30] US (61/669,569) 2012-07-09

[21] **2,878,723**
[13] A1

[51] **Int.Cl. B05B 15/00 (2006.01) A62C 31/02 (2006.01)**

[25] EN
[54] **NOZZLE APPARATUS**
[54] **APPAREIL A TUYERE**
[72] GARDEN, IAN, GB
[71] RIGDELUGE GLOBAL LIMITED, GB
[85] 2015-01-08
[86] 2013-07-09 (PCT/GB2013/051811)
[87] (WO2014/009713)
[30] GB (1212199.2) 2012-07-09
[30] GB (1218133.5) 2012-10-10
[30] GB (1308561.8) 2013-05-13

[21] **2,878,724**
[13] A1

[51] **Int.Cl. B05B 15/00 (2006.01) A62C 31/02 (2006.01) B05B 15/06 (2006.01)**

[25] EN
[54] **NOZZLE SYSTEM**
[54] **SYSTEME DE TUYERE**
[72] GARDEN, IAN, GB
[71] RIGDELUGE GLOBAL LIMITED, GB
[85] 2015-01-08
[86] 2013-07-09 (PCT/GB2013/051812)
[87] (WO2014/009714)
[30] GB (1212199.2) 2012-07-09
[30] GB (1218133.5) 2012-10-10
[30] GB (1308561.8) 2013-05-13

[21] **2,878,725**
[13] A1

[51] **Int.Cl. G01S 3/80 (2006.01) G01H 3/08 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING A FREQUENCY LINE PATTERN WITHIN AT LEAST ONE AMPLITUDE SPECTRUM TYPE**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER UN MODELE DE LIGNES DE FREQUENCE DANS AU MOINS UN SPECTRE D'AMPLITUDE**
[72] MEERPOHL, GREGOR, DE
[71] ATLAS ELECTRONIK GMBH, DE
[85] 2015-01-09
[86] 2013-07-02 (PCT/DE2013/100242)
[87] (WO2014/023294)
[30] DE (10 2012 015 637.5) 2012-08-07

[21] **2,878,726**
[13] A1

[51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 31/7105 (2006.01) A61K 47/30 (2006.01) A61P 37/02 (2006.01)**

[25] EN
[54] **ACELLULAR PRO-TOLEROGENIC COMPOSITIONS AND PROCESS FOR MAKING SAME**
[54] **COMPOSITIONS PRO-TOLEROGENES ACELLULAIRES ET LEUR PROCEDE DE FABRICATION**
[72] SCOTT, MARK D., CA
[72] TOYOFUKU, WENDY M., CA
[72] WANG, DUNCHENG, CA
[71] CANADIAN BLOOD SERVICES, CA
[85] 2015-01-08
[86] 2013-07-12 (PCT/CA2013/050543)
[87] (WO2014/008608)
[30] CA (2782942) 2012-07-12
[30] US (61/670,694) 2012-07-12
[30] US (61/670,636) 2012-07-12

[21] **2,878,727**
[13] A1

[51] **Int.Cl. B01D 33/00 (2006.01) B01D 21/24 (2006.01) B01D 21/26 (2006.01) B01D 33/15 (2006.01) B03B 5/00 (2006.01)**

[25] EN
[54] **BEAD COLLECTION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE COLLECTE DE BILLES**
[72] PALMER, DANIEL DAVID, GB
[72] SHADICK, OWEN LESLEY, GB
[72] BARTLEY, STUART JAMES, GB
[72] JOHN, BRYNMOR ALEXANDER, GB
[71] Q CHIP LIMITED, GB
[85] 2015-01-09
[86] 2012-07-27 (PCT/GB2012/051817)
[87] (WO2013/014466)
[30] GB (1113007.7) 2011-07-28

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[21] **2,878,728**
[13] A1

[51] **Int.Cl. G07F 7/10 (2006.01) G06F 21/31 (2013.01)**
[25] EN
[54] **AUTHENTICATION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'AUTHENTIFICATION**
[72] PIKE, JUSTIN, GB
[71] LICENTIA GROUP LIMITED, GB
[71] MYPINPAD LIMITED, GB
[85] 2015-01-08
[86] 2013-07-17 (PCT/GB2013/051913)
[87] (WO2014/013252)
[30] GB (1212878.1) 2012-07-20
[30] GB (1306053.8) 2013-04-04

[21] **2,878,729**
[13] A1

[51] **Int.Cl. A61N 1/30 (2006.01) A61K 9/00 (2006.01) A61M 37/00 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **IMPROVED APPARATUS AND METHOD FOR MINERALISING BIOLOGICAL MATERIAL**
[54] **APPAREIL ET PROCEDE AMELIORES DE MINERALISATION DE MATIERE BIOLOGIQUE**
[72] PITTS, NIGEL, GB
[72] LONGBOTTOM, CHRISTOPHER, GB
[72] CRAYSTON, JOSEPH, GB
[71] KING'S COLLEGE LONDON, GB
[85] 2015-01-09
[86] 2013-07-09 (PCT/GB2013/000296)
[87] (WO2014/009682)
[30] GB (1212222.2) 2012-07-10

[21] **2,878,730**
[13] A1

[51] **Int.Cl. H02G 15/013 (2006.01) H02G 15/04 (2006.01)**
[25] EN
[54] **CABLE GLANDS**
[54] **MANCHONS DE CABLES**
[72] JACKSON, CARL, GB
[71] HUBBELL LIMITED, GB
[85] 2015-01-08
[86] 2013-07-19 (PCT/GB2013/051941)
[87] (WO2014/013267)
[30] GB (1212857.5) 2012-07-19

[21] **2,878,731**
[13] A1

[51] **Int.Cl. A61K 31/4155 (2006.01) A61K 31/198 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/69 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **TREATMENT OF MUSCULAR DYSTROPHY**
[54] **TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE**
[72] WINDER, STEVEN J., GB
[71] THE UNIVERSITY OF SHEFFIELD, GB
[85] 2015-01-09
[86] 2013-07-12 (PCT/GB2013/051849)
[87] (WO2014/009738)
[30] GB (1212456.6) 2012-07-12

[21] **2,878,732**
[13] A1

[51] **Int.Cl. B65D 83/04 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **A RECEPTACLE FOR CONTAINING AND DISPENSING SOLID MEDICINAL PILLS**
[54] **RECEPTACLE POUR CONTENIR ET DISTRIBUER DES COMPRIMES MEDICINAUX SOLIDES**
[72] PAZ, ILAN, IL
[71] P.C.O.A. DEVICES LTD., IL
[85] 2015-01-08
[86] 2013-07-24 (PCT/IL2013/050631)
[87] (WO2014/020594)
[30] IL (221186) 2012-07-30
[30] IL (226074) 2013-04-30

[21] **2,878,733**
[13] A1

[51] **Int.Cl. A61K 38/00 (2006.01) A61K 47/48 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 5/02 (2006.01)**
[25] EN
[54] **CONJUGATES OF CELL BINDING MOLECULES WITH CYTOTOXIC AGENTS**
[54] **CONJUGUES DE MOLECULE DE LIAISON CELLULAIRE ET D'AGENTS CYTOTOXIQUES**
[72] ZHANG, YUE, CN
[72] MA, YOURANG, CN
[72] ZHAO, ROBERT YONGXIN, CN
[71] HANGZHOU DAC BIOTECH CO., LTD, CN
[71] ZHAO, ROBERT YONGXIN, CN
[85] 2015-01-09
[86] 2012-07-12 (PCT/IB2012/053554)
[87] (WO2014/009774)

[21] **2,878,734**
[13] A1

[51] **Int.Cl. A61K 31/194 (2006.01) A61P 37/02 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **SELECTIVE INHIBITION OF THE MEMBRANE ATTACK COMPLEX OF COMPLEMENT AND C3 CONVERTASE BY LOW MOLECULAR WEIGHT COMPONENTS OF THE AURIN TRICARBOXYLIC ACID SYNTHETIC COMPLEX**
[54] **INHIBITION SELECTIVE DU COMPLEXE D'ATTAQUE MEMBRANAIRE DU COMPLEMENT ET DE LA C3 CONVERTASE PAR DES COMPOSANTS A FAIBLE POIDS MOLECULAIRE DU COMPLEXE SYNTHETIQUE D'ACIDE PARAROSOLIQUE TRICARBOXYLIQUE**
[72] MCGEER, PATRICK L., CA
[72] LEE MOONHEE, CA
[72] SCHWAB, CLAUDIA, CA
[72] GUO, JIAN-PING, CA
[71] AURIN BIOTECH INC., CA
[85] 2015-01-09
[86] 2012-07-13 (PCT/IB2012/053608)
[87] (WO2014/009779)

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[21] **2,878,735**
[13] A1

[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/235 (2011.01) H04N 21/435 (2011.01) H04N 5/76 (2006.01) H04N 5/91 (2006.01)**

[25] EN

[54] **PLAYBACK DEVICE, PLAYBACK METHOD, DISTRIBUTION DEVICE, DISTRIBUTION METHOD, DISTRIBUTION PROGRAM, PLAYBACK PROGRAM, RECORDING MEDIUM, AND METADATA**

[54] **DISPOSITIF DE LECTURE, PROCEDE DE LECTURE, DISPOSITIF DE DISTRIBUTION, PROCEDE DE DISTRIBUTION, PROGRAMME DE DISTRIBUTION, PROGRAMME DE LECTURE, SUPPORT D'ENREGISTREMENT, ET METADONNEES**

[72] WATANABE, SHUICHI, JP
[72] TOKUMO, YASUAKI, JP
[72] IWANAMI, TAKUYA, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2015-01-08
[86] 2013-07-04 (PCT/JP2013/068333)
[87] (WO2014/010501)
[30] JP (2012-155075) 2012-07-10
[30] JP (2012-224170) 2012-10-09
[30] JP (2013-004291) 2013-01-15
[30] JP (2013-085389) 2013-04-16

[21] **2,878,736**
[13] A1

[51] **Int.Cl. H04W 36/14 (2009.01) H04W 92/02 (2009.01)**

[25] EN

[54] **ADDRESS ASSIGNMENT FOR INITIAL AUTHENTICATION**

[54] **ATTRIBUTION D'ADRESSE POUR AUTHENTIFICATION INITIALE**

[72] MONTEMURRO, MICHAEL PETER, CA
[72] MCCANN, STEPHEN, GB
[71] BLACKBERRY LIMITED, CA
[85] 2015-01-09
[86] 2013-07-11 (PCT/CA2013/050539)
[87] (WO2014/008604)
[30] US (13/547,880) 2012-07-12

[21] **2,878,741**
[13] A1

[51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 31/7105 (2006.01) A61K 47/30 (2006.01) A61P 37/02 (2006.01)**

[25] EN

[54] **ACELLULAR PRO-TOLEROGENIC COMPOSITIONS FOR THE TREATMENT/PREVENTION OF AUTO-IMMUNE DISEASES**

[54] **COMPOSITIONS PRO-TOLEROGENES ACELLULAIRES POUR LE TRAITEMENT OU LA PREVENTION DE MALADIES AUTO-IMMUNES**

[72] SCOTT, MARK D., CA
[72] WANG, DUCHENG, CA
[72] TOYOFUKU, WENDY M., CA
[71] CANADIAN BLOOD SERVICES, CA
[85] 2015-01-08
[86] 2013-07-12 (PCT/CA2013/050544)
[87] (WO2014/008609)
[30] CA (2782942) 2012-07-12
[30] US (61/670,694) 2012-07-12
[30] US (61/670,636) 2012-07-12

[21] **2,878,744**
[13] A1

[51] **Int.Cl. C22B 3/10 (2006.01) C01F 7/02 (2006.01) C01F 7/38 (2006.01) C01F 7/56 (2006.01) C01G 23/04 (2006.01) C01G 23/047 (2006.01) C22B 3/06 (2006.01) C22B 21/00 (2006.01)**

[25] EN

[54] **PROCESSES FOR PREPARING TITANIUM OXIDE AND VARIOUS OTHER PRODUCTS**

[54] **PROCEDES POUR LA PREPARATION D'OXYDE DE TITANE ET DE DIVERS AUTRES PRODUITS**

[72] BOUDREAULT, RICHARD, CA
[72] FOURNIER, JOEL, CA
[72] PRIMEAU, DENIS, CA
[72] LABRECQUE-GILBERT, MARIE-MAXIME, CA
[71] ORBITE ALUMINAE INC., CA
[85] 2015-01-09
[86] 2013-07-12 (PCT/CA2013/000638)
[87] (WO2014/008586)
[30] US (61/670,645) 2012-07-12
[30] CA (PCT/CA2012/000871) 2012-09-17
[30] US (61/726,971) 2012-11-15
[30] CA (PCT/CA2013/000021) 2013-01-10

[21] **2,878,746**
[13] A1

[51] **Int.Cl. A61K 35/14 (2015.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 31/7105 (2006.01) A61K 47/30 (2006.01) A61P 37/02 (2006.01)**

[25] EN

[54] **ACELLULAR PRO-TOLEROGENIC COMPOSITIONS FOR TREATMENT/PREVENTION OF GRAFT REJECTION**

[54] **COMPOSITIONS PRO-TOLEROGENES ACELLULAIRES POUR LE TRAITEMENT OU LA PREVENTION D'UN REJET DE GREFFON**

[72] WANG, DUCHENG, CA
[72] TOYOFUKU, WENDY M., CA
[72] SCOTT, MARK D., CA
[71] CANADIAN BLOOD SERVICES, CA
[85] 2015-01-08
[86] 2013-07-12 (PCT/CA2013/050545)
[87] (WO2014/008610)
[30] CA (2782942) 2012-07-12
[30] US (61/670,694) 2012-07-12
[30] US (61/670,636) 2012-07-12

[21] **2,878,748**
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/02 (2009.01) H04W 8/00 (2009.01)**

[25] EN

[54] **AN ELECTRONIC DATA SHARING DEVICE AND METHOD OF USE**

[54] **DISPOSITIF ELECTRONIQUE DE PARTAGE DE DONNEES ET PROCEDE D'UTILISATION**

[72] DEMPSTER, PHILIP EDWARD, GB
[72] MUNDAY, BALBIR SINGH, GB
[72] OSTROWSKI, DOMINIC JAN, GB
[71] BLENDOLOGY LIMITED, GB
[85] 2015-01-09
[86] 2012-07-09 (PCT/EP2012/063365)
[87] (WO2013/007675)
[30] US (61/506,105) 2011-07-10

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[21] **2,878,751**
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06Q 10/10 (2012.01) G06Q 30/02 (2012.01) H04L 29/08 (2006.01)**

[25] EN

[54] **AN ELECTRONIC DATA SHARING DEVICE AND METHOD OF USE**

[54] **DISPOSITIF ELECTRONIQUE DE PARTAGE DE DONNEES ET PROCEDE D'UTILISATION**

[72] DEMPSTER, PHILIP EDWARD, GB

[72] MUNDAY, BALBIR SINGH, GB

[72] OSTROWSKI, DOMINIC JAN, GB

[71] BLENDOLOGY LIMITED, GB

[85] 2015-01-09

[86] 2012-07-09 (PCT/EP2012/063369)

[87] (WO2013/007677)

[30] US (61/506,106) 2011-07-10

[21] **2,878,757**
[13] A1

[51] **Int.Cl. B29C 51/16 (2006.01) B32B 3/26 (2006.01) B32B 27/32 (2006.01) G09F 3/04 (2006.01)**

[25] EN

[54] **POLYMER FILM FOR IN-MOULDED LABELLING**

[54] **FEUILLE POLYMERE POUR L'ETIQUETAGE DANS UN MOULE**

[72] DUPRE, YVONNE, DE

[71] TREFAN GERMANY GMBH & CO. KG, DE

[85] 2015-01-09

[86] 2013-07-10 (PCT/EP2013/002030)

[87] (WO2014/009010)

[30] EP (12005126.3) 2012-07-11

[21] **2,878,758**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 17/02 (2006.01)**

[25] EN

[54] **METHOD OF TREATING WOUNDS WITH PENOSTIN AND/OR CCN2**

[54] **METHODE DE TRAITEMENT DE PLAIES UTILISANT DE LA PERIOSTINE ET/OU CCN2**

[72] HAMILTON, DOUGLAS, CA

[72] ELLIOTT, CHRISTOPHER, CA

[72] GUAN, JIANJUN, US

[72] LEAKS, ANDREW, CA

[71] THE UNIVERSITY OF WESTERN ONTARIO, CA

[85] 2015-01-09

[86] 2013-07-11 (PCT/CA2013/000630)

[87] (WO2014/008582)

[30] US (61/670,388) 2012-07-11

[21] **2,878,760**
[13] A1

[51] **Int.Cl. E01B 29/24 (2006.01)**

[25] EN

[54] **MANUALLY DISPLACEABLE MACHINE FOR MAINTAINING A TRACK**

[54] **MACHINE POUVANT ETRE PUSSEE A LA MAIN POUR L'ENTRETIEN DES RAILS**

[72] WIDLROITHER, OTTO, DE

[71] ROBEL BAHNBAUMASCHINEN GMBH, DE

[85] 2015-01-09

[86] 2013-07-25 (PCT/EP2013/002212)

[87] (WO2014/026729)

[30] DE (20 2012 007 818.6) 2012-08-16

[21] **2,878,769**
[13] A1

[51] **Int.Cl. B01L 9/00 (2006.01) G01N 1/31 (2006.01) G01N 35/00 (2006.01) G02B 21/34 (2006.01)**

[25] EN

[54] **METHOD AND ANALYSIS DEVICE FOR MICROSCOPIC EXAMINATION OF A TISSUE SECTION OR OF A CELL SMEAR**

[54] **PROCEDE ET DISPOSITIF D'ANALYSE POUR L'EXAMEN MICROSCOPIQUE D'UNE COUPE HISTOLOGIQUE OU D'UN FROTTIS DE CELLULES**

[72] STOCKER, WINFRIED, DE

[72] ROTTMANN, NORBERT, DE

[71] EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG, DE

[85] 2015-01-09

[86] 2013-06-06 (PCT/EP2013/061738)

[87] (WO2014/009066)

[30] DE (10 2012 013 678.1) 2012-07-11

[21] **2,878,771**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01)**

[25] EN

[54] **IMMUNOREGULATORY VACCINE**

[54] **VACCIN IMMUNOREGULATEUR**

[72] MUDDE, GEERT, AT

[71] S-TARGET THERAPEUTICS GMBH, AT

[85] 2015-01-09

[86] 2013-07-02 (PCT/EP2013/063959)

[87] (WO2014/009209)

[30] EP (12176348.6) 2012-07-13

[30] EP (13158410.4) 2013-03-08

[30] EP (13168578.6) 2013-05-21

PCT Applications Entering the National Phase

[21] **2,878,777**
[13] A1

[51] **Int.Cl. A01D 46/28 (2006.01)**
[25] EN
[54] **DEVICE SUITABLE FOR HARVESTING FRUIT HANGING FROM A PLANT AS WELL AS A METHOD FOR HARVESTING FRUIT HANGING FROM A PLANT**

[54] **DISPOSITIF ADAPTE A LA RECOLTE DE FRUITS SUSPENDUS A UNE PLANTE, AINSI QU'UN PROCEDE DE RECOLTE DE FRUITS SUSPENDUS A UNE PLANTE**

[72] DRIESSEN, LEON JOHANNES GERARDUS, NL
[71] DRIESSEN BLUEBERRIES B.V., NL
[85] 2015-01-09
[86] 2013-07-02 (PCT/EP2013/063945)
[87] (WO2014/012788)
[30] NL (2009207) 2012-07-19

[21] **2,878,779**
[13] A1

[51] **Int.Cl. C01B 33/029 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING MULTILAYER SUBMICRON PARTICLES BY LASER PYROLYSIS**

[54] **PROCEDE DE FABRICATION PAR PYROLYSE LASER DE PARTICULES SUBMICRONIQUES MULTICOUCHES**

[72] TENEGAL, FRANCOIS, FR
[71] NANOMAKERS, FR
[85] 2015-01-09
[86] 2013-07-05 (PCT/EP2013/064232)
[87] (WO2014/009265)
[30] FR (1256710) 2012-07-12

[21] **2,878,780**
[13] A1

[51] **Int.Cl. A61K 6/083 (2006.01)**
[25] EN
[54] **DENTAL COMPOSITION COMPOSITION DENTAIRE**

[72] KLEE, JOACHIM E., DE
[72] GANSEL, JULIA, DE
[72] FIK, CHRISTOPH P., DE
[72] WAGNER, CAROLINE, DE
[72] ELSNER, OLIVER, DE
[72] MAIER, MAXIMILIAN, DE
[72] LAMPE, ULRICH, DE
[72] RITTER, HELMUT, DE
[72] KAVALLAR, LISA-MARIA, DE
[71] DENTSPLY DETREY GMBH, DE
[85] 2015-01-09
[86] 2013-09-11 (PCT/EP2013/002731)
[87] (WO2014/040729)
[30] EP (12006385.4) 2012-09-11

[21] **2,878,781**
[13] A1

[51] **Int.Cl. D21H 25/00 (2006.01) B31F 1/07 (2006.01) D04H 1/00 (2006.01) D21H 27/00 (2006.01) D21H 27/02 (2006.01)**

[25] EN
[54] **A CLOTH-LIKE TEXTURED NONWOVEN FABRIC COMPRISING PAPERMAKING FIBERS, CALENDERING ROLLER AND METHOD OF MANUFACTURING THE SAME**

[54] **NON-TISSE TEXTURE RESSEMBLANT A DU TISSU COMPRENANT DES FIBRES POUR LA FABRICATION DE PAPIER ET ROULEAU DE CALANDRAGE ET PROCEDE DE FABRICATION CORRESPONDANTS**

[72] PLEYBER, EMILIE, FR
[72] JEHL, JEAN-LOUIS, FR
[72] LAURENT, PIERRE, FR
[72] BOURRET, CHRISTIAN, FR
[72] CARESMEL, XAVIER, FR
[72] HOEFT, BENOIT, FR
[71] SCA TISSUE FRANCE, FR
[85] 2015-01-09
[86] 2013-06-21 (PCT/IB2013/001314)
[87] (WO2014/009784)
[30] EP (12290231.5) 2012-07-10

[21] **2,878,782**
[13] A1

[51] **Int.Cl. A23L 1/40 (2006.01) A23L 1/0522 (2006.01) A23L 1/0524 (2006.01) A23L 1/24 (2006.01) A23L 1/39 (2006.01)**

[25] EN
[54] **SAVOURY FOOD CONCENTRATE COMPRISING A PECTIN-STARCH GEL**

[54] **CONCENTRE D'ALIMENT SAVOUREUX COMPRENANT UN GEL D'AMIDON DE PECTINE**

[72] PERRINE, MARION ESCLARMONDE, DE
[72] SAILER, WINFRIED, DE
[72] SILVA PAES, SABRINA, NL
[71] UNILEVER PLC, NL
[85] 2015-01-09
[86] 2013-06-11 (PCT/EP2013/061998)
[87] (WO2014/009079)
[30] EP (12176415.3) 2012-07-13

[21] **2,878,783**
[13] A1

[51] **Int.Cl. B01F 13/08 (2006.01) B01F 15/00 (2006.01) B01F 15/06 (2006.01)**

[25] EN
[54] **PACKAGE OF STEREO LITHOGRAPHY RESIN, MIXING DEVICE SUITED TO BE USED WITH SAID PACKAGE AND METHOD FOR MIXING A STEREO LITHOGRAPHY RESIN CONTAINED IN SAID PACKAGE**

[54] **ENSEMBLE DE RESINE DE STEREO LITHOGRAPHIE, DISPOSITIF DE MELANGE CONCU POUR ETRE UTILISE AVEC LEDIT ENSEMBLE, SYSTEME DE STEREO LITHOGRAPHIE ET PROCEDE POUR MELANGER UNE RESINE DE STEREO LITHOGRAPHIE CONTENUE DANS LEDIT ENSEMBLE**

[72] ZENERE, SERGIO, IT
[71] DWS S.R.L., IT
[85] 2015-01-09
[86] 2013-07-25 (PCT/IB2013/001626)
[87] (WO2014/020401)
[30] IT (VI2012A000188) 2012-07-30

Demandes PCT entrant en phase nationale

[21] **2,878,784**
[13] A1

[51] **Int.Cl. A61K 47/10 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/196 (2006.01) A61P 29/00 (2006.01)**

[25] EN
[54] **DICLOFENAC FORMULATIONS**
[54] **FORMULATIONS DE DICLOFENAC**

[72] GRENIER, ARNAUD, FR
[72] CARRARA, DARIO N., CH
[71] FERRING B.V., NL
[85] 2015-01-09
[86] 2013-07-04 (PCT/EP2013/064123)
[87] (WO2014/009241)
[30] EP (12176115.9) 2012-07-12

[21] **2,878,785**
[13] A1

[51] **Int.Cl. B01D 39/02 (2006.01) B01D 24/02 (2006.01)**

[25] EN
[54] **MEDIA BED FILTERS FOR FILTERING FINE PARTICLES FROM A RAW LIQUID FLOW AND METHOD OF USING THE SAME**

[54] **FILTRES A LIT DE PHASE POUR FILTRER LES PARTICULES FINES A PARTIR D'UN FLUX DE LIQUIDE BRUT ET PROCEDE D'UTILISATION DE CEUX-CI**

[72] BOSISIO, MARCO, CA
[72] SILVERWOOD, ALAIN, CA
[71] SONITEC-VORTISAND TECHNOLOGIES INC., CA
[85] 2015-01-08
[86] 2013-07-16 (PCT/CA2013/000648)
[87] (WO2014/012167)
[30] US (61/672,098) 2012-07-16

[21] **2,878,786**
[13] A1

[51] **Int.Cl. A23D 9/00 (2006.01) A23D 9/013 (2006.01) A23D 9/04 (2006.01) A61K 35/56 (2015.01)**

[25] EN
[54] **CONCENTRATION OF OMEGA-3 POLYUNSATURATED FATTY ACIDS IN KRILL OIL**

[54] **CONCENTRATION D'ACIDES GRAS POLYINSATURES OMEGA 3 DANS L'HUILE DE KRILL**

[72] HOEM, NILS, NO
[72] TILSETH, SNORRE, NO
[71] AKER BIOMARINE ANTARCTIC AS, NO
[85] 2015-01-09
[86] 2013-07-08 (PCT/IB2013/001959)
[87] (WO2014/013335)
[30] US (61/672,348) 2012-07-17

[21] **2,878,787**
[13] A1

[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/33 (2006.01) C12M 1/34 (2006.01) C12M 1/38 (2006.01) C12M 1/40 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) G01N 1/28 (2006.01) G01N 1/34 (2006.01) G01N 33/566 (2006.01)**

[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR MULTIPLE SINGLE-CELL CAPTURING AND PROCESSING USING MICROFLUIDICS**

[54] **PROCEDES, SYSTEMES ET DISPOSITIFS POUR LA CAPTURE DE CELLULES ISOLEES MULTIPLES ET LE TRAITEMENT A L'AIDE DE PRODUITS MICROFLUIDIQUES**

[72] FOWLER, BRIAN, US
[72] KIMBALL, JAKE, US
[72] MAUNG, MYO THU, US
[72] MAY, ANDREW, US
[72] NORRIS, MICHAEL C., US
[72] TOPPANI, DOMINIQUE G., US
[72] UNGER, MARC A., US
[72] WANG, JING, US
[72] WEST, JASON A. A., US
[71] FLUIDIGM CORPORATION, US
[85] 2014-08-25
[86] 2013-02-28 (PCT/US2013/028170)
[87] (WO2013/130714)
[30] US (61/605,016) 2012-02-29
[30] US (13/476,911) 2012-05-21

[21] **2,878,788**
[13] A1

[51] **Int.Cl. F25D 23/02 (2006.01) A47F 3/04 (2006.01)**

[25] EN
[54] **REFRIGERATOR**
[54] **REFRIGERATEUR**

[72] ISFORT, PAUL, DE
[72] SWIDERSKI, SIMON, DE
[71] REMIS GESELLSCHAFT FUR ENTWICKLUNG UND VERTRIEB TECHNISCHER ELEMENTE MBH, DE
[85] 2015-01-09
[86] 2013-07-04 (PCT/EP2013/064130)
[87] (WO2014/009244)
[30] DE (10 2012 106 200.5) 2012-07-10

[21] **2,878,789**
[13] A1

[51] **Int.Cl. A61B 8/12 (2006.01) A61B 8/00 (2006.01) A61M 25/06 (2006.01)**

[25] EN
[54] **ULTRASONIC PROBE AND ALIGNED NEEDLE GUIDE SYSTEM**

[54] **SONDE A ULTRASONS ET SYSTEME GUIDE-AIGUILLE ALIGNE**

[72] CHAGGARES, NICHOLAS CHRISTOPHER, CA
[71] FUJIFILM VISUALSONICS, INC., CA
[85] 2015-01-09
[86] 2013-07-10 (PCT/IB2013/001979)
[87] (WO2014/009810)
[30] US (13/545,352) 2012-07-10

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[21] **2,878,790**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-DR5 FAMILY ANTIBODIES, BISPECIFIC OR MULTIVALENT ANTI-DR5 FAMILY ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS DE LA FAMILLE DES ANTI-DR5, ANTICORPS BISPECIFIQUES OU MULTIVALENTS DE LA FAMILLE DES ANTI-DR5 ET LEURS PROCEDES D'UTILISATION**
[72] VERMOT-DESROCHES, CLAUDINE
BRIGITTE FERNANDE, FR
[72] SUBIGER, OLIVIER FREDERIC, FR
[72] BOURDIN, LAURENCE FRANCOISE
JEANNE-MARIE, FR
[71] INTERNATIONAL - DRUG - DEVELOPMENT - BIOTECH, FR
[85] 2015-01-09
[86] 2013-07-09 (PCT/EP2013/064466)
[87] (WO2014/009358)
[30] EP (12305821.6) 2012-07-09
[30] US (61/669866) 2012-07-10

[21] **2,878,791**
[13] A1

[51] **Int.Cl. A61L 27/10 (2006.01) A61L 27/32 (2006.01)**
[25] EN
[54] **CERAMIC COMPONENT FOR FUSING VERTEBRAL BODIES**
[54] **ELEMENT EN CERAMIQUE POUR FUSIONNER DES CORPS VERTEBRAUX**
[72] KELNBERGER, ALFONS, DE
[72] NEUMANN, FIONA, DE
[72] WECKER, HEINRICH, DE
[72] ZIERMANN, FRANK, DE
[71] CERAMTEC GMBH, DE
[85] 2015-01-09
[86] 2013-07-09 (PCT/EP2013/064440)
[87] (WO2014/009340)
[30] DE (10 2012 212 138.2) 2012-07-11

[21] **2,878,792**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4196 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **INHIBITION OF ENZYMES**
[54] **INHIBITION D'ENZYMES**
[72] CAPALDI, CARMELIDA, IT
[72] HEALD, ROBERT ANDREW, IT
[72] RAY, NICHOLAS CHARLES, IT
[72] SUTTON, JONATHAN MARK, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2015-01-09
[86] 2013-07-10 (PCT/EP2013/064603)
[87] (WO2014/009425)
[30] EP (12176079.7) 2012-07-12
[30] EP (13158756.0) 2013-03-12

[21] **2,878,793**
[13] A1

[51] **Int.Cl. C10G 1/02 (2006.01) B01J 21/16 (2006.01) B01J 23/00 (2006.01) B01J 23/06 (2006.01) B01J 23/10 (2006.01) B01J 23/28 (2006.01) B01J 23/34 (2006.01) B01J 23/78 (2006.01) B01J 23/83 (2006.01) B01J 23/847 (2006.01) C10B 53/02 (2006.01) C10B 57/06 (2006.01) C10C 5/00 (2006.01) C10G 1/08 (2006.01)**
[25] EN
[54] **SELECTIVE CATALYTIC DEOXYGENATION OF BIOMASS AND CATALYSTS THEREFOR**
[54] **DESOXYGENATION CATALYTIQUE SELECTIVE DES BIOMASSES ET CATALYSEURS ASSOCIES**
[72] VASIC, MILENA, NL
[72] KOCH, MELLE, NL
[72] PRONK, MARTINUS HENRICUS, NL
[72] VAN DEN OETELAAR, LEONARDUS CORNELIS ALBERTUS, NL
[72] VAN DUREN, RUBEN, NL
[71] ALBEMARLE EUROPE SPRL, BE
[85] 2015-01-09
[86] 2013-08-07 (PCT/EP2013/066532)
[87] (WO2014/023758)
[30] US (61/681,064) 2012-08-08

[21] **2,878,794**
[13] A1

[51] **Int.Cl. A61F 13/537 (2006.01)**
[25] EN
[54] **SOFT ABSORBENT SANDWICH WEB COMPRISING HIGH CONCENTRATIONS OF SUPERABSORBENT MATERIAL, CELLULOSIC FIBERS AND SURFACE APPLIED BINDER**
[54] **BANDE INTERCALAIRE ABSORBANTE DOUCE COMPRENANT DES CONCENTRATIONS ELEVEES DE MATERIAU SUPERABSORBANT, DES FIBRES CELLULOSIQUES ET UN LIANT APPLIQUE EN SURFACE**
[72] EHKME, RALF, DE
[72] ROTTGER, HENNING, DE
[72] VOLKMER, RENO, DE
[71] GLATFELTER FALKENHAGEN GMBH, DE
[85] 2015-01-09
[86] 2013-07-12 (PCT/EP2013/064749)
[87] (WO2014/009506)
[30] GB (1212459.0) 2012-07-13

[21] **2,878,796**
[13] A1

[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/4412 (2006.01) A61K 31/443 (2006.01) A61K 31/4433 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61P 1/00 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 493/10 (2006.01)**
[25] EN
[54] **DERIVATIVES OF PYRIDINONE AS INHIBITORS FOR TISSUE TRANSGLUTAMINASE**
[54] **DERIVES DE PYRIDINONE COMME INHIBITEURS DE LA TRANSGLUTAMINASE TISSULAIRE**
[72] BUCHOLD, CHRISTIAN, DE
[72] GERLACH, UWE, DE
[72] HILS, MARTIN, DE
[72] PASTERNAK, RALF, DE
[72] WEBER, JOHANNES, DE
[71] ZEDIRA GMBH, DE
[85] 2015-01-09
[86] 2013-07-12 (PCT/EP2013/064789)
[87] (WO2014/012858)
[30] EP (12176776.8) 2012-07-17
[30] US (61/741,871) 2012-07-30

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[21] **2,878,797**
[13] A1

[51] **Int.Cl. C08G 18/00 (2006.01) C08G 18/08 (2006.01) C08G 18/09 (2006.01) C08G 18/48 (2006.01) C08G 18/54 (2006.01) C08G 18/79 (2006.01) C08K 5/21 (2006.01)**

[25] EN

[54] **INTERMEDIATE POLYISOCYANURATE COMPRISING MATERIALS**

[54] **MATERIAUX INTERMEDIAIRES COMPRENANT DU POLYISOCYANURATE**

[72] ESBELIN, CHRISTIAN, BE

[72] VERBEKE, HUGO, BE

[72] VERBEKE, HANS GODELIEVE GUIDO, BE

[71] HUNTSMAN INTERNATIONAL LLC, US

[85] 2015-01-09

[86] 2013-06-18 (PCT/EP2013/062597)

[87] (WO2014/012728)

[30] EP (12176644.8) 2012-07-17

[21] **2,878,799**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01)**

[25] EN

[54] **CATHETER WITH RETRACTABLE SLEEVE AND METHOD OF USING CATHETER SYSTEM**

[54] **CATHETER COMPORTANT UN MANCHON RETRACTABLE ET PROCEDE D'UTILISATION D'UN SYSTEME DE CATHETER**

[72] COHEN, ITSHAK, IL

[72] MAXIMUK, SHAHAR, IL

[72] MOISEYEV, GILAD, IL

[71] MEDINOL LTD., IL

[85] 2015-01-09

[86] 2013-07-23 (PCT/IB2013/002770)

[87] (WO2014/033553)

[30] US (13/560,132) 2012-07-27

[21] **2,878,800**
[13] A1

[51] **Int.Cl. A61K 39/04 (2006.01)**

[25] EN

[54] **MYCOBACTERIAL ANTIGEN VACCINE**

[54] **VACCIN ANTIGENIQUE MYCOBACTERIEN**

[72] TUPIN, EMMANUEL, SE

[72] MICOL, ROMAIN, FR

[72] COUPET, CHARLES ANTOINE, FR

[72] INCHAUPSE, GENEVIEVE, FR

[72] GOUANVIC, MARIE, FR

[72] SILVESTRE, NATHALIE, FR

[72] MARCHAND, JEAN-BAPTISTE, FR

[72] BENY, CECILE, FR

[71] TRANSGENE SA, FR

[85] 2015-01-09

[86] 2013-07-10 (PCT/EP2013/064624)

[87] (WO2014/009438)

[30] EP (12305825.7) 2012-07-10

[30] EP (12306539.3) 2012-12-07

[30] EP (13305737.2) 2013-06-03

[21] **2,878,802**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01)**

[25] EN

[54] **DISRUPTED CARTILAGE PRODUCTS**

[54] **PRODUITS DE CARTILAGE FRAGMENTE**

[72] YOO, DANA SUE, US

[72] KUANG, JIN-QIANG, US

[72] PADEN, JAIME, US

[72] MAXSON, SCOTT A., US

[72] DANILKOVITCH, ALLA, US

[72] LOPEZ, ERASMO, US

[72] TOM, SAMSON, US

[71] OSIRIS THERAPEUTICS, INC., US

[85] 2015-01-08

[86] 2013-07-11 (PCT/US2013/050093)

[87] (WO2014/011890)

[30] US (61/670,424) 2012-07-11

[30] US (61/670,434) 2012-07-11

[30] US (61/670,444) 2012-07-11

[21] **2,878,803**
[13] A1

[51] **Int.Cl. A23L 1/314 (2006.01) A23B 4/044 (2006.01) A23B 4/052 (2006.01) A23L 1/232 (2006.01) A23L 1/325 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR COLD SMOKING MEAT OR SEAFOOD**

[54] **PROCEDE ET APPAREIL DE FUMAGE A FROID DE VIANDE OU DE FRUITS DE MER**

[72] FISHER, STEPHEN REISS, PH

[71] SEA DELIGHT EUROPE, SL, ES

[85] 2015-01-09

[86] 2013-08-05 (PCT/IB2013/002903)

[87] (WO2014/091300)

[30] EP (12196905.9) 2012-12-13

[21] **2,878,804**
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/381 (2006.01) A61K 31/4245 (2006.01) A61K 31/427 (2006.01) A61K 31/433 (2006.01) A61P 1/16 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 13/12 (2006.01) A61P 35/00 (2006.01) C07D 333/36 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **NON-ANNULATED THIOPHENYLAMIDES AS INHIBITORS OF FATTY ACID BINDING PROTEIN(FABP) 4 AND/OR 5**

[54] **THIOPHENYLAMIDES NON ANNEHES UTILISES EN TANT QU'INHIBITEURS DE LA PROTEINE DE LIAISON A UN ACIDE GRAS (FABP) 4 ET/OU 5**

[72] BUETTELDMANN, BERND, DE

[72] CECCARELLI, SIMONA M., CH

[72] KUEHNE, HOLGER, DE

[72] KUHN, BERND, CH

[72] NEIDHART, WERNER, CH

[72] OBST SANDER, ULRIKE, CH

[72] RICHTER, HANS, DE

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

[85] 2015-01-09

[86] 2013-09-09 (PCT/EP2013/068565)

[87] (WO2014/040938)

[30] EP (12184125.8) 2012-09-12

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[21] **2,878,806**
[13] A1

[51] **Int.Cl. G02C 5/14 (2006.01) G02C 5/00 (2006.01) G02C 5/16 (2006.01)**
[25] EN
[54] **EYEGASSES TEMPLE**
[54] **BRANCHE DE LUNETTES**
[72] TORMEN, ALESSANDRO, IT
[71] LUXOTTICA S.R.L., IT
[85] 2015-01-09
[86] 2013-06-27 (PCT/IB2013/055274)
[87] (WO2014/009831)
[30] IT (BO2012A000372) 2012-07-10

[21] **2,878,807**
[13] A1

[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/159 (2014.01) H04N 19/36 (2014.01)**
[25] EN
[54] **CODEC ARCHITECTURE FOR MULTIPLE LAYER VIDEO CODING**
[54] **ARCHITECTURE DE CODEC POUR CODAGE VIDEO A COUCHES MULTIPLES**
[72] YE, YAN, US
[72] MCCLELLAN, GEORGE W., US
[72] HE, YONG, US
[72] XIU, XIAOYU, CA
[72] HE, YUWEN, US
[72] DONG, JIE, US
[72] BAL, CAN, US
[72] RYU, EUN, US
[71] VID SCALE, INC., US
[85] 2015-01-09
[86] 2013-07-09 (PCT/US2013/049662)
[87] (WO2014/011595)
[30] US (61/669,356) 2012-07-09
[30] US (61/734,264) 2012-12-06

[21] **2,878,808**
[13] A1

[51] **Int.Cl. A61L 27/38 (2006.01) A61F 2/28 (2006.01) A61L 27/24 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **METHODS OF MANUFACTURING CARTILAGE PRODUCTS**
[54] **PROCEDES DE FABRICATION DE PRODUITS DE CARTILAGE**
[72] YOO, DANA SUE, US
[72] KUANG, JIN-QIANG, US
[72] PADEN, JAIME, US
[72] MAXSON, SCOTT A., US
[72] DANILKOVITCH, ALLA, US
[72] LOPEZ, ERASMO, US
[72] TOM, SAMSON, US
[71] OSIRIS THERAPEUTICS, INC., US
[85] 2015-01-08
[86] 2013-07-11 (PCT/US2013/050094)
[87] (WO2014/011891)
[30] US (61/670,424) 2012-07-11
[30] US (61/670,434) 2012-07-11
[30] US (61/670,444) 2012-07-11

[21] **2,878,809**
[13] A1

[51] **Int.Cl. A47L 11/164 (2006.01)**
[25] EN
[54] **ADAPTER PLATE FOR A ROTARY FLOOR SCRUBBING MACHINE**
[54] **PLAQUE D'ADAPTATEUR POUR UNE MACHINE DE NETTOYAGE DE PLANCHER ROTATIVE**
[72] LARSON, TIMOTHY J., US
[71] CARLISLE FOODSERVICE PRODUCTS, INCORPORATED, US
[85] 2015-01-09
[86] 2013-06-24 (PCT/US2013/047375)
[87] (WO2014/011386)
[30] US (61/669,550) 2012-07-09
[30] US (13/829,116) 2013-03-14

[21] **2,878,810**
[13] A1

[51] **Int.Cl. C23C 2/06 (2006.01) B60J 5/04 (2006.01)**
[25] FR
[54] **ASSEMBLY OF AN ALUMINUM COMPONENT AND OF A STEEL COMPONENT HAVING A ZN/ALMG ALLOY COATING**
[54] **ASSEMBLAGE D'UNE PIECE A BASE D'ALUMINIUM ET D'UNE PIECE EN ACIER MUNIE D'UN REVETEMENT A BASE D'UN ALLIAGE ZNAIMG**
[72] ALLELY, CHRISTIAN, FR
[72] COFFIGNY-GREGOIRE, ASTRID, FR
[72] DOSDAT, LAURENCE, FR
[72] MOREL, STEPHANE, FR
[71] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2015-01-09
[86] 2013-05-13 (PCT/IB2013/000929)
[87] (WO2014/184599)

[21] **2,878,811**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **TRANSGENIC CAMELINA SATIVA PLANT HAVING MODIFIED FATTY ACID CONTENTS OF SEED OIL**
[54] **CAMELINE (CAMELINA SATIVA) TRANSGENIQUE AYANT UNE HUILE DE GRAINES AVEC UNE TENEUR MODIFIEE EN ACIDES AMINES**
[72] KAIJALAINEN, SEPPO PAAVO, FI
[72] KOIVU, KIMMO, FI
[72] KUVSHINOV, VIKTOR, FI
[72] MURPHY, ERIC, US
[71] KAIJALAINEN, SEPPO PAAVO, FI
[71] KOIVU, KIMMO, FI
[71] KUVSHINOV, VIKTOR, FI
[71] MURPHY, ERIC, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/IB2013/055681)
[87] (WO2014/009908)
[30] US (61/741,129) 2012-07-13

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[21] **2,878,814**
[13] A1

[51] **Int.Cl. G01N 33/564 (2006.01) C07K 16/00 (2006.01) C07K 16/24 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **COMPLEX-SPECIFIC ANTIBODIES AND ANTIBODY FRAGMENTS AND ITS USE**

[54] **ANTICORPS SPECIFIQUES D'UN COMPLEXE ET FRAGMENTS D'ANTICORPS ET LEUR UTILISATION**

[72] HARTLE, STEFAN, DE
[72] FRISCH, CHRISTIAN, DE
[72] KNAPPIK, ACHIM, DE
[71] MORPHOSYS AG, DE
[71] HARTLE, STEFAN, DE
[71] FRISCH, CHRISTIAN, DE
[71] KNAPPIK, ACHIM, DE
[85] 2015-01-09
[86] 2013-08-08 (PCT/EP2013/066625)
[87] (WO2014/026905)
[30] EP (12180835.6) 2012-08-17
[30] US (61/684,836) 2012-08-20

[21] **2,878,815**
[13] A1

[51] **Int.Cl. C07C 251/86 (2006.01) A61K 31/136 (2006.01) A61K 31/165 (2006.01) A61K 31/216 (2006.01) A61K 31/4166 (2006.01) A61K 31/445 (2006.01) A61P 35/00 (2006.01) C07C 223/06 (2006.01) C07C 251/48 (2006.01) C07D 211/62 (2006.01) C07D 233/80 (2006.01)**

[25] EN

[54] **ANTI-PROLIFERATIVE COMPOUNDS AND USES THEREOF**

[54] **COMPOSES ANTI-PROLIFERATIFS ET UTILISATIONS ASSOCIEES**

[72] ANDERSON, KENNETH C., US
[72] HIDESHIMA, TERU, US
[72] MAZITSCHKEK, RALPH, US
[72] GORGUN, GULLU, US
[71] DANA-FARBER CANCER INSTITUE, INC., US
[71] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049831)
[87] (WO2014/011713)
[30] US (61/669,932) 2012-07-10

[21] **2,878,817**
[13] A1

[51] **Int.Cl. A61K 31/451 (2006.01) A61K 31/55 (2006.01) A61K 38/12 (2006.01)**

[25] EN

[54] **PEDIATRIC ORAL LIQUID COMPOSITIONS CONTAINING NEPADUTANT**

[54] **COMPOSITIONS LIQUIDES ORALES PEDIATRIQUES CONTENANT DU NEPADUTANT**

[72] LEWERENZ, CLAUDIA, DE
[72] SCHMITZ, REINHARD, DE
[72] ALTAMURA, MARIA, IT
[71] LABORATORI GUIDOTTI S.P.A., IT
[85] 2015-01-09
[86] 2013-07-12 (PCT/IB2013/055754)
[87] (WO2014/009926)
[30] IT (RM2012A000331) 2012-07-12

[21] **2,878,818**
[13] A1

[51] **Int.Cl. C08L 5/00 (2006.01) A23L 1/0526 (2006.01)**

[25] EN

[54] **BIO-BASED FIBER GUMS (BFGS) AND PROCESSES FOR PRODUCING BFGS**

[54] **GOMMES FIBREUSES D'ORIGINE BIOLOGIQUE (GFB) ET PROCEDES DE PRODUCTION DE GFB**

[72] YADAV, MADHAV P., US
[72] HICKS, KEVIN B., US
[72] JOHNSTON, DAVID, US
[72] HANAH, KYLE A., US
[72] SHUKLA, TRIVENI P., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[71] Z-TRIM HOLDINGS, INC., US
[85] 2015-01-09
[86] 2013-07-02 (PCT/US2013/049116)
[87] (WO2014/011449)
[30] US (61/670,188) 2012-07-11
[30] US (13/798,468) 2013-03-13

[21] **2,878,819**
[13] A1

[51] **Int.Cl. C07C 279/26 (2006.01) A61K 31/155 (2006.01) A61K 31/205 (2006.01) A61P 3/10 (2006.01) A61P 9/04 (2006.01) A61P 9/06 (2006.01) A61P 9/10 (2006.01) C07C 277/08 (2006.01) C07C 279/02 (2006.01)**

[25] EN

[54] **TRI-SALT FORM OF METFORMIN**

[54] **FORME A TROIS SELS DE METFORMINE**

[72] MYLARI, BANAVARA L., US
[72] SCIAVOLINO, FRANK C., US
[71] THETIS PHARMACEUTICALS LLC, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049984)
[87] (WO2014/011814)
[30] US (61/669,763) 2012-07-10
[30] US (61/670,368) 2012-07-11
[30] US (61/670,376) 2012-07-11
[30] US (13/841,970) 2013-03-15

[21] **2,878,821**
[13] A1

[51] **Int.Cl. A61B 18/12 (2006.01) A61M 25/14 (2006.01) A61N 1/05 (2006.01)**

[25] EN

[54] **ELECTRODE CATHETER AND METHOD FOR MANUFACTURING THE SAME**

[54] **CATHETER A ELECTRODES ET SON PROCEDE DE FABRICATION**

[72] MORI, KENJI, JP
[71] JAPAN LIFELINE CO., LTD., JP
[85] 2015-01-09
[86] 2013-03-26 (PCT/JP2013/058879)
[87] (WO2014/013757)
[30] JP (2012-161988) 2012-07-20

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[21] **2,878,822**
[13] A1

[51] **Int.Cl. A61B 17/14 (2006.01) B23D 53/12 (2006.01)**
[25] EN
[54] **A SAW, A SAW BLADE AND A CONNECTION MECHANISM**
[54] **SCIE, LAME DE SCIE ET MECANISME DE RACCORDEMENT**
[72] MOOTIEN, AZAGEN, CH
[72] HERZOG, DANIEL, CH
[71] DEPUY SYNTHES PRODUCTS, LLC, US
[85] 2015-01-09
[86] 2013-07-09 (PCT/US2013/049632)
[87] (WO2014/011577)
[30] US (61/670,914) 2012-07-12
[30] US (61/692,869) 2012-08-24

[21] **2,878,823**
[13] A1

[51] **Int.Cl. B23Q 3/157 (2006.01)**
[25] EN
[54] **AUTO CHANGER SPINDLE MOUNTING ASSEMBLY ADAPTED TO DRILL TAP MACHINES**
[54] **ENSEMBLE DE MONTAGE DE BROCHE A CHANGEMENT AUTOMATIQUE CONCU POUR DES MACHINES DE TARAUDAGE**
[72] DODDS, KEMMA SAMUEL, US
[71] AIR TURBINE TECHNOLOGY, INC., US
[85] 2015-01-09
[86] 2013-07-11 (PCT/US2013/049998)
[87] (WO2014/011826)
[30] US (13/546,089) 2012-07-11

[21] **2,878,824**
[13] A1

[51] **Int.Cl. A61K 35/76 (2015.01)**
[25] EN
[54] **A METHOD OF EVALUATING THE THERAPEUTIC EFFICACY OF BACTERIOPHAGES**
[54] **PROCEDE D'EVALUATION DE L'EFFICACITE THERAPEUTIQUE DE BACTERIOPHAGES**
[72] LOBOCKA, MALGORZATA, PL
[72] GLOWACKA, ALEKSANDRA, PL
[72] DABROWSKI, KAMIL, PL
[72] HEJNOWICZ, MONIKA S., PL
[72] GOZDEK, AGNIESZKA, PL
[72] WEBER-DABROWSKA, BEATA, PL
[72] GORSKI, ANDRZEJ, PL
[72] EMPEL, JOANNA, PL
[72] HRYNIEWICZ, WALERIA, PL
[72] KWIATEK, MAGDALENA, PL
[72] PARASION, SYLWIA, PL
[72] GRYKO, ROMUALD, PL
[71] INSTYTUT BIOCHEMII I BIOFIZYKI POLSKIEJ AKADEMII NAUK, PL
[71] INSTYTUT IMMUNOLOGII I TERAPII DOSWIADCZALNEJ POLSKIEJ AKADEMII NAUK, PL
[71] NARODOWY INSTYTUT LEKOW, PL
[71] SZKOŁA GŁÓWNA GOSPODARSTWA WIEJSKIEGO W WARSZAWIE, PL
[71] WOJSKOWY INSTYTUT HIGIENY I EPIDEMIOLOGII, PL

[21] **2,878,825**
[13] A1

[51] **Int.Cl. C07K 14/54 (2006.01) A61K 38/20 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATION OF IL-20 FAMILY CYTOKINE ACTIVITY**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE L'ACTIVITE DES CYTOKINES DE LA FAMILLE D'IL-20**
[72] WALTER, MARK, US
[71] THE UAB RESEARCH FOUNDATION, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049865)
[87] (WO2014/011732)
[30] US (61/669,935) 2012-07-10

[21] **2,878,826**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **HOLDING APPARATUS FOR FUEL CELL GASKET**
[54] **DISPOSITIF DE RETENUE POUR JOINT DE PILE A COMBUSTIBLE**
[72] ONO, KEI, JP
[72] YAMAMOTO, MASAYA, JP
[72] TOYOSHIMA, KENICHI, JP
[72] HORIBE, NORIFUMI, JP
[72] TERASAKI, TAKAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2015-01-09
[86] 2013-06-24 (PCT/JP2013/067274)
[87] (WO2014/010397)
[30] JP (2012-154955) 2012-07-10

[21] **2,878,827**
[13] A1

[51] **Int.Cl. F04D 29/32 (2006.01) F01D 5/14 (2006.01) F04D 29/38 (2006.01)**
[25] FR
[54] **TURBOMACHINE VANE HAVING AN AIRFOIL DESIGNED TO PROVIDE IMPROVED AERODYNAMIC AND MECHANICAL PROPERTIES**
[54] **AUBE DE TURBOMACHINE AYANT UN PROFIL CONFIGURE DE MANIERE A OBTENIR DES PROPRIETES AERODYNAMIQUES ET MECANIQUES AMELIOREES**
[72] JABLONSKI, LAURENT, FR
[72] REISS, HANNA, FR
[72] TALBOTEC, JEROME, FR
[72] QUEVREUX, SANDRINE, FR
[71] SNECMA, FR
[85] 2015-01-09
[86] 2013-06-28 (PCT/FR2013/051522)
[87] (WO2014/009628)
[30] FR (1256746) 2012-07-12

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[21] **2,878,828**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **HOLDING APPARATUS FOR FUEL CELL ELECTROLYTE MEMBRANE**
[54] **DISPOSITIF DE RETENUE DESTINE A UNE MEMBRANE D'ELECTROLYTE DE PILE A COMBUSTIBLE**
[72] ONO, KEI, JP
[72] HORIBE, NORIFUMI, JP
[72] YAMAMOTO, MASAYA, JP
[72] TOYOSHIMA, KENICHI, JP
[72] TERASAKI, TAKAYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2015-01-09
[86] 2013-06-24 (PCT/JP2013/067275)
[87] (WO2014/010398)
[30] JP (2012-154958) 2012-07-10

[21] **2,878,829**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/16 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR METABOLIC REGULATION**
[54] **PROCEDE ET COMPOSITION POUR REGULATION METABOLIQUE**
[72] RINCON, MERCEDES, US
[72] HATLE, KETKI M., US
[71] UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049885)
[87] (WO2014/011742)
[30] US (61/670,345) 2012-07-11

[21] **2,878,830**
[13] A1

[51] **Int.Cl. C08K 5/07 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF STABLE EMULSIONS OF POLYISOBUTENE**
[54] **PROCEDE POUR LA PREPARATION D'EMULSIONS STABLES DE POLYISOBUTENE**
[72] TAETS, LIEVE, BE
[71] EMULCO LABORATORIES C.V.B.A., BE
[85] 2015-01-09
[86] 2013-07-15 (PCT/EP2013/064908)
[87] (WO2014/012888)
[30] BE (BE2012/0499) 2012-07-16
[30] EP (13154996.6) 2013-02-12

[21] **2,878,831**
[13] A1

[51] **Int.Cl. G01N 29/04 (2006.01) G01N 29/07 (2006.01) G01N 29/22 (2006.01)**
[25] FR
[54] **METHOD FOR CHARACTERISING AN OBJECT COMPRISING, AT LEAST LOCALLY, A PLANE OF SYMMETRY**
[54] **PROCEDE DE CARACTERISATION D'UN OBJET COMPRENANT AU MOINS LOCALEMENT UN PLAN DE SYMETRIE**
[72] CHATELLIER, JEAN-YVES FRANCOIS ROGER, FR
[71] SNECMA, FR
[85] 2015-01-09
[86] 2013-07-02 (PCT/FR2013/051556)
[87] (WO2014/009632)
[30] FR (1256629) 2012-07-10

[21] **2,878,832**
[13] A1

[51] **Int.Cl. B01J 20/18 (2006.01) A61K 33/24 (2006.01) A61P 3/12 (2006.01) A61P 3/14 (2006.01) A61P 39/04 (2006.01)**
[25] EN
[54] **MICROPOROUS ZIRCONIUM SILICATE FOR THE TREATMENT OF HYPERKALEMIA IN HYPERCALCEMIC PATIENTS AND IMPROVED CALCIUM-CONTAINING COMPOSITIONS FOR THE TREATMENT OF HYPERKALEMIA**
[54] **SILICATE DE ZIRCONIUM MICROPOREUX DESTINE AU TRAITEMENT DE L'HYPERKALIEMIE CHEZ DES PATIENTS HYPERCALCEMIQUES ET COMPOSITIONS AMELIOREES CONTENANT DU CALCIUM DESTINEES AU TRAITEMENT DE L'HYPERKALIEMIE**
[72] KEYSER, DONALD JEFFREY, US
[72] GUILLEM, ALVARO F., US
[71] ZS PHARMA, INC., US
[85] 2015-01-09
[86] 2013-07-11 (PCT/US2013/050071)
[87] (WO2014/011876)
[30] US (61/670,415) 2012-07-11
[30] US (61/800,291) 2013-03-15

[21] **2,878,833**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRESCRIBER-CENTRIC TARGETING**
[54] **SYSTEME ET PROCEDE POUR UN CIBLAGE AXE SUR PRESCRIPTEURS**
[72] GOTTFRID, CHAD NATHANIEL, US
[71] INVENTIV HEALTH, INC., US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049936)
[87] (WO2014/011777)
[30] US (13/546,511) 2012-07-11

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[21] **2,878,834**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **MEMBRANE ELECTRODE ASSEMBLY**
[54] **ENSEMBLE ELECTRODE A MEMBRANE**
[72] ONO, KEI, JP
[72] TERASAKI, TAKAYUKI, JP
[72] YAMAMOTO, MASAYA, JP
[72] TOYOSHIMA, KENICHI, JP
[72] HORIBE, NORIFUMI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2015-01-09
[86] 2013-06-24 (PCT/JP2013/067276)
[87] (WO2014/010399)
[30] JP (2012-154961) 2012-07-10

[21] **2,878,835**
[13] A1

[51] **Int.Cl. B64D 37/16 (2006.01)**
[25] FR
[54] **FILLING DEVICE FOR FLUID TANK**
[54] **DISPOSITIF D'EMPLISSAGE POUR RESERVOIR DE FLUIDE**
[72] CAZAUX, YANNICK, FR
[72] BROTIER, SEBASTIEN, FR
[72] BUENO, ARMAND, FR
[72] RENAULT, LIONEL, FR
[71] TURBOMECA, FR
[85] 2015-01-09
[86] 2013-07-05 (PCT/FR2013/051607)
[87] (WO2014/009640)
[30] FR (1256623) 2012-07-10

[21] **2,878,836**
[13] A1

[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/27 (2006.01) A61Q 15/00 (2006.01) A61Q 17/00 (2006.01)**
[25] EN
[54] **DEODORANT METHODS**
[54] **PROCEDES DE DESODORISATION**
[72] LANZALACO, ANTHONY CHARLES, US
[72] STARK, CYNTHIA MARIE, US
[72] EYLEM, CAHIT, US
[72] HEAPE, ANDREA KAY, US
[72] CETTI, JONATHAN ROBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-09
[86] 2013-07-16 (PCT/US2013/050599)
[87] (WO2014/014861)
[30] US (61/671,938) 2012-07-16

[21] **2,878,837**
[13] A1

[51] **Int.Cl. C07C 50/34 (2006.01) C07C 50/38 (2006.01) C07C 69/95 (2006.01) C07C 225/24 (2006.01) C07C 233/31 (2006.01) C07C 233/33 (2006.01) C07C 235/84 (2006.01) C07C 237/04 (2006.01) C07C 247/04 (2006.01) C07C 247/10 (2006.01) C07C 255/27 (2006.01) C07C 311/08 (2006.01) C07C 323/22 (2006.01) C07D 211/06 (2006.01) C07D 213/50 (2006.01)**
[25] EN
[54] **ANTHRAQUINONE ANALOGS AND METHODS OF MAKING AND USING THEREOF**
[54] **ANALOGUES D'ANTHRAQUINONE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] WANG, BINGHE, US
[72] DAI, CHAOFENG, US
[72] DRAGANOV, ALEXANDER, US
[72] YANG, XIAOCHUAN, US
[72] SUN, GUOJING, US
[72] YANG, CHUNHAO, CN
[72] CHEN, WEIXUAN, US
[72] NI, NANTING, US
[72] ZHOU, MUXIANG, US
[72] GU, LUBING, US
[71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[71] EMORY UNIVERSITY, US
[71] CHILDREN'S HEALTHCARE OF ATLANTA, INC., US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049898)
[87] (WO2014/011753)
[30] US (61/669,927) 2012-07-10

[21] **2,878,838**
[13] A1

[51] **Int.Cl. B60C 19/00 (2006.01)**
[25] EN
[54] **TIRE**
[54] **PNEU**
[72] SHOUYAMA, YOSHINOBU, JP
[71] BRIDGESTONE CORPORATION, JP
[85] 2015-01-09
[86] 2013-07-12 (PCT/JP2013/069157)
[87] (WO2014/010728)
[30] JP (2012-157203) 2012-07-13

[21] **2,878,839**
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **INVERTED SEISMIC ATTRIBUTE QUALITY AND LOCAL ROCK PHYSICS CALIBRATION**
[54] **QUALITE D'ATTRIBUT SISMIQUE INVERSEE ET ETALONNAGE DE PHYSIQUE DE ROCHE LOCALE**
[72] MCLENNAN, JASON A., US
[72] ROY, BAISHALI, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049944)
[87] (WO2014/011784)
[30] US (61/669,829) 2012-07-10
[30] US (13/938,565) 2013-07-10

[21] **2,878,840**
[13] A1

[51] **Int.Cl. B63G 13/02 (2006.01)**
[25] FR
[54] **CONCEALMENT METHOD AND APPARATUS AND NAVAL VESSEL PROVIDED WITH AT LEAST SUCH AN APPARATUS**
[54] **PROCEDE ET INSTALLATION DE MASQUAGE AINSI QUE BATIMENT NAVAL EQUIPE D'AU MOINS UNE TELLE INSTALLATION**
[72] TARDIF, CHRISTOPHE, FR
[72] BONNET, YOHANN, FR
[72] DELAUNAY, ANTOINE, FR
[71] MICROTURBO, FR
[85] 2015-01-09
[86] 2013-07-17 (PCT/FR2013/051714)
[87] (WO2014/013192)
[30] FR (1256931) 2012-07-18

[21] **2,878,841**
[13] A1

[51] **Int.Cl. A61L 2/18 (2006.01) A01N 25/00 (2006.01) A01N 65/00 (2009.01)**
[25] EN
[54] **DISINFECTING FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS DESINFECTANTES ET LEURS UTILISATIONS**
[72] STEVE, PETER LAWRENCE, AU
[71] ELYPTOL PTY. LTD., AU
[85] 2015-01-12
[86] 2012-07-13 (PCT/AU2012/000841)
[87] (WO2013/006917)
[30] AU (2011902822) 2011-07-14

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[21] **2,878,842**
[13] A1

[51] **Int.Cl. F27B 3/18 (2006.01) F27D 3/00 (2006.01) F27D 13/00 (2006.01)**

[25] EN

[54] **PLANT AND RELATIVE PROCEDURE FOR THE CONTINUOUS FEEDING OF HEATED METALLIC MATERIAL TO A MELTING FURNACE FOR THE PRODUCTION OF STEEL**

[54] **USINE ET PROCEDE CORRESPONDANT D'ALIMENTATION EN CONTINU EN MATIERE METALLIQUE CHAUFFEE D'UN FOUR DE FUSION DESTINE A LA PRODUCTION D'ACIER**

[72] GIAVANI, CESARE, IT
[72] BOTTONI, ERNESTO, IT
[72] MONTI, NICOLA AMBROGIO MARIA, IT

[71] TENOVA S.P.A., IT

[85] 2015-01-12
[86] 2013-07-03 (PCT/EP2013/001941)
[87] (WO2014/012623)
[30] IT (MI2012A001257) 2012-07-19

[21] **2,878,843**
[13] A1

[51] **Int.Cl. C07K 14/76 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **BISPECIFIC ASYMMETRIC HETERODIMERS COMPRISING ANTI-CD3 CONSTRUCTS**

[54] **HETERODIMERES ASYMETRIQUES BISPECIFIQUES COMPRENANT DES PRODUITS DE RECOMBINAISON ANTI-CD3**

[72] DIXIT, SURJIT BHIMARAO, CA
[72] NG, GORDON YIU KON, CA
[72] SPRETER VON KREUDENSTEIN, THOMAS, CA

[72] WEISSER, NINA E., CA
[71] ZYMEWORKS INC., CA

[85] 2015-01-09
[86] 2013-07-13 (PCT/US2013/050411)
[87] (WO2014/012085)
[30] US (61/671,640) 2012-07-13
[30] US (61/845,948) 2013-07-12

[21] **2,878,844**
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01)**

[25] EN

[54] **DEVICE ARRANGED FOR ATTACHING A PIPE STEM ON A TUBULAR BODY**

[54] **DISPOSITIF CONCU POUR FIXER UN MANDRIN SUR UN CORPS TUBULAIRE**

[72] STEINE, KEN ERIK, NO
[71] ACE OIL TOOLS AS, NO

[85] 2015-01-09
[86] 2013-07-10 (PCT/NO2013/000031)
[87] (WO2014/011056)
[30] NO (20120803) 2012-07-12
[30] NO (20121235) 2012-10-22
[30] NO (20130208) 2013-02-07

[21] **2,878,845**
[13] A1

[51] **Int.Cl. B65D 35/08 (2006.01)**

[25] EN

[54] **SQUEEZABLE BOTTLE INCLUDING AN ORNAMENTAL FEATURE**

[54] **BOUTEILLE COMPRESSIBLE COMPRENANT UNE CARACTERISTIQUE ORNEMENTALE**

[72] BRYANT, MICHAEL P., US
[72] MCMAHON, MICHAEL D., US
[72] NUKUTO, GEORGE IKUYA, US
[71] H.J. HEINZ COMPANY, US

[85] 2015-01-09
[86] 2013-03-13 (PCT/US2013/030713)
[87] (WO2014/011223)
[30] US (61/671,485) 2012-07-13

[21] **2,878,846**
[13] A1

[51] **Int.Cl. A61K 47/10 (2006.01) A61K 9/08 (2006.01) A61K 31/409 (2006.01) A61P 17/10 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS FOR TOPICAL DELIVERY OF PHOTOSENSITIZERS AND USES THEREOF**

[54] **COMPOSITIONS PHARMACEUTIQUES POUR ADMINISTRATION TOPIQUE DE PHOTOSENSIBILISATEURS ET LEURS UTILISATIONS**

[72] IMBERT, DELPHINE CAROLINE, US
[72] HUNT, DAVID WILLIAM CAREY, CA

[71] DERMIRA, INC., US

[85] 2015-01-09
[86] 2013-07-11 (PCT/US2013/050070)
[87] (WO2014/011875)
[30] US (61/670,554) 2012-07-11
[30] US (61/706,732) 2012-09-27
[30] US (61/708,845) 2012-10-02

[21] **2,878,847**
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **LIQUID-TRANSFER ADAPTER BEVELED SPIKE**

[54] **PERFORATEUR BISEAUTE D'UN ADAPTATEUR DE TRANSFERT DE LIQUIDE**

[72] SUND, JULIUS C., US
[72] SWANSON, KEVIN D., US
[71] ANTARES PHARMA, INC., US

[85] 2015-01-08
[86] 2013-07-12 (PCT/US2013/050206)
[87] (WO2014/011958)
[30] US (61/671,037) 2012-07-12

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[21] **2,878,848**
[13] A1

[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/06 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM, METHOD & COMPUTER PROGRAM PRODUCT TO SIMULATE DRILLING EVENT SCENARIOS**
[54] **SYSTEME, PROCEDE ET PRODUIT-PROGRAMME D'ORDINATEUR PERMETTANT DE SIMULER DES SCENARIOS D'EVENEMENTS DE FORAGE**
[72] JIANG, JUN, US
[72] DUNCAN, MAX ORLAND, US
[72] GONZALES, ADOLFO CAMILO, US
[72] KANG, YONGFENG, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-09
[86] 2013-07-11 (PCT/US2013/050111)
[87] (WO2014/011905)
[30] US (13/546,571) 2012-07-11

[21] **2,878,849**
[13] A1

[51] **Int.Cl. F23N 5/10 (2006.01) F23D 14/72 (2006.01) F23N 5/24 (2006.01) F24C 3/12 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **GAS HEATER**
[54] **APPAREIL DE CHAUFFAGE AU GAZ**
[72] SMITH, SCOTT, AU
[71] BROMIC PTY LTD, AU
[85] 2015-01-12
[86] 2013-06-29 (PCT/AU2013/000715)
[87] (WO2014/012131)
[30] AU (2012903030) 2012-07-16

[21] **2,878,850**
[13] A1

[51] **Int.Cl. G06Q 30/08 (2012.01)**
[25] EN
[54] **BIDDABLE FINANCIAL INSTRUMENT, ONLINE COMPETITIVE BIDDING PLATFORM FOR TRADING THEREOF AND ASSOCIATED SYSTEM AND METHOD OF TRADING THEREOF**
[54] **INSTRUMENT FINANCIER POUVANT FAIRE L'OBJET D'UN APPEL D'OFFRES, PLATEFORME D'APPEL D'OFFRES OUVERT EN LIGNE POUR TRANSACTION DE CELUI-CI, SYSTEME ET PROCEDE ASSOCIES DE TRANSACTION DE CELUI-CI**
[72] NOVEMBRE, ROBERT, US
[71] ARBOR RESEARCH HOLDINGS, LLC, US
[71] NOVEMBRE, ROBERT, US
[85] 2015-01-09
[86] 2013-05-24 (PCT/US2013/042727)
[87] (WO2013/177556)
[30] US (61/652,015) 2012-05-25

[21] **2,878,851**
[13] A1

[51] **Int.Cl. E04B 1/61 (2006.01)**
[25] EN
[54] **INTERLOCKING BLOCKS AND TILES FOR BUILDINGS**
[54] **BLOCS ET TUILES A EMBOITEMENT POUR BATIMENTS**
[72] BREE, CHARLES C., NZ
[71] BREE, CHARLES C., NZ
[85] 2015-01-09
[86] 2013-07-16 (PCT/NZ2013/000127)
[87] (WO2014/014366)
[30] NZ (601260) 2012-07-16

[21] **2,878,852**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/53 (2006.01) A61P 17/08 (2006.01) A61P 19/02 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMIDAZOTRIAZINECARBONITRILES USEFUL AS KINASE INHIBITORS**
[54] **IMIDAZOTRIAZINECARBONITRILES UTILES COMME INHIBITEURS DE KINASE**
[72] PURANDARE, ASHOK VINAYAK, US
[72] FINK, BRIAN E., US
[72] JOHNSON, WALTER LEWIS, US
[72] HART, AMY C., US
[72] HE, LIQI, US
[72] HUYNH, TRAM N., US
[72] INGHAM, JENNIFER, US
[72] MASTALERZ, HAROLD, US
[72] SANG, XIAOPENG, US
[72] TARBY, CHRISTINE M., US
[72] WAN, HONGHE, US
[72] VACCARO, WAYNE, US
[72] ZHANG, GUIFEN, US
[72] ZHAO, YUFEN, US
[72] ZIMMERMANN, KURT, US
[72] ZHANG, YONG, US
[72] CHEN, LIBING, US
[72] CHEN, BIN, US
[72] TOKARSKI, JOHN S., US
[72] GAVAI, ASHVINIKUMAR V., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050247)
[87] (WO2014/011974)
[30] US (61/671,179) 2012-07-13
[30] US (61/790,511) 2013-03-15

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[21] **2,878,853**
[13] A1

[51] **Int.Cl. B32B 3/30 (2006.01) B32B 7/02 (2006.01) B32B 27/06 (2006.01)**

[25] EN

[54] **MULTI-PLY PUCKERED FILMS FORMED BY DISCONTINUOUS LAMINATION OF FILMS HAVING DIFFERENT REBOUND RATIOS**

[54] **PELLICULES FRONCEES MULTIPLIS FORMEES PAR STRATIFICATION DISCONTINUE DE PELLICULES AYANT DES RATIOS DE RETOUR DIFFERENTS**

[72] BROERING, SHAUN T., US

[72] CISEK, KEN, US

[72] BORCHARDT, MICHAEL G., US

[71] THE GLAD PRODUCTS COMPANY, US

[85] 2015-01-09

[86] 2013-07-15 (PCT/US2013/050541)

[87] (WO2014/014836)

[30] US (13/552,352) 2012-07-18

[21] **2,878,854**
[13] A1

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

[25] EN

[54] **DENTAL IMPLANT**

[54] **IMPLANT DENTAIRE**

[72] DOSTA, ANATOLI D., BY

[72] HALAUKO, ALIAKSANDR I., BY

[71] JOINT STOCK COMPANY 'ALTIMED', BY

[85] 2015-01-12

[86] 2013-05-06 (PCT/BY2013/000003)

[87] (WO2014/008570)

[30] EA (201201259) 2012-07-12

[21] **2,878,855**
[13] A1

[51] **Int.Cl. E21B 47/10 (2012.01) G01V 3/22 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD TO IMPROVE ACCURACY OF GALVANIC TOOL MEASUREMENTS**

[54] **SYSTEME ET PROCEDE POUR AMELIORER UNE PRECISION DE MESURES D'OUTIL GALVANIQUE**

[72] LI, SHANJUN, US

[72] SAN MARTIN, LUIS E., US

[72] DONDERICI, BURKAY, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-09

[86] 2012-07-12 (PCT/US2012/046346)

[87] (WO2014/011170)

[21] **2,878,857**
[13] A1

[51] **Int.Cl. B66F 3/10 (2006.01) B60S 9/00 (2006.01) B66F 7/14 (2006.01)**

[25] EN

[54] **JACKING DEVICE**

[54] **DISPOSITIF DE LEVAGE**

[72] POKE, TONY FRANCIS, AU

[71] PAKKA JACKS PTY LIMITED, AU

[85] 2015-01-12

[86] 2013-07-19 (PCT/AU2013/000802)

[87] (WO2014/012148)

[30] AU (2012903111) 2012-07-20

[21] **2,878,858**
[13] A1

[51] **Int.Cl. A61K 6/00 (2006.01)**

[25] EN

[54] **IMPROVED COMPOSITIONS FOR ENDODONTIC PROCEDURES**

[54] **COMPOSITIONS AMELIOREES DESTINEES A DES ACTES D'ENDODONTIE**

[72] BERGER, TODD, US

[72] WILKINSON, KEVIN, US

[72] BARANTZ, ADAM, US

[72] AMMON, DAN, US

[71] DENTSPLY INTERNATIONAL, INC., US

[85] 2015-01-09

[86] 2013-07-15 (PCT/US2013/050550)

[87] (WO2014/012112)

[30] US (61/671,251) 2012-07-13

[21] **2,878,859**
[13] A1

[51] **Int.Cl. E21B 45/00 (2006.01) E21B 44/00 (2006.01) E21B 47/00 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF DRILLING CONTROL**

[54] **SYSTEMES ET PROCEDES DE COMMANDE DE FORAGE**

[72] DYKSTRA, JASON D., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-09

[86] 2012-07-12 (PCT/US2012/046361)

[87] (WO2014/011171)

[21] **2,878,860**
[13] A1

[51] **Int.Cl. G01N 1/22 (2006.01)**

[25] EN

[54] **ERGONOMIC MICROBIAL AIR SAMPLER**

[54] **ECHANTILLONNEUR D'AIR MICROBIEN ERGONOMIQUE**

[72] VELLUTATO, ARTHUR L., JR., US

[71] VELTEK ASSOCIATES, INC., US

[85] 2015-01-09

[86] 2013-06-07 (PCT/US2013/044783)

[87] (WO2014/011335)

[30] US (13/547,895) 2012-07-12

[21] **2,878,861**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/56 (2006.01) A61B 17/88 (2006.01)**

[25] EN

[54] **METHOD FOR GENERATING A GRAPHICAL 3D COMPUTER MODEL OF AT LEAST ONE ANATOMICAL STRUCTURE IN A SELECTABLE PRE-, INTRA-, OR POSTOPERATIVE STATUS**

[54] **PROCEDE DE CREATION D'UN MODELE INFORMATIQUE GRAPHIQUE EN 3D D'AU MOINS UNE STRUCTURE ANATOMIQUE DANS UN ETAT PRE-, INTRA- OU POSTOPERATOIRE SELECTIONNABLE**

[72] KAMER, LUKAS, CH

[72] NOTZLI, CHRISTOPH, CH

[72] ERDOHELYI, BALAZS, CH

[71] AO TECHNOLOGY AG, CH

[85] 2015-01-12

[86] 2012-07-12 (PCT/CH2012/000165)

[87] (WO2014/008613)

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[21] **2,878,862**
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **METHODS OF ASSESSING THE SUITABILITY OF TRANSDUCED T CELLS FOR ADMINISTRATION**
[54] **PROCEDES D'EVALUATION DE L'APTITUDE DE LYMPHOCYTES T TRANSDUITS A ETRE ADMINISTRES**
[72] JUNE, CARL H., US
[72] LEVINE, BRUCE L., US
[72] KALOS, MICHAEL D., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050287)
[87] (WO2014/011996)
[30] US (61/671,495) 2012-07-13

[21] **2,878,863**
[13] A1

[51] **Int.Cl. B31B 1/00 (2006.01) B31B 7/60 (2006.01)**
[25] EN
[54] **METHOD FOR ARRANGING A FOIL IN A TRAY**
[54] **PROCEDE POUR DISPOSER UNE FEUILLE DANS UN PLATEAU**
[72] ZWAGA, RONALD, NL
[72] DE OLDE, REMI, NL
[72] TASMA, ALAIN WIETSE BASTIAAN, NL
[71] PACKABLE B.V., NL
[85] 2015-01-12
[86] 2013-06-14 (PCT/EP2013/062379)
[87] (WO2014/012723)
[30] EP (12176915.2) 2012-07-18

[21] **2,878,864**
[13] A1

[51] **Int.Cl. B65D 85/816 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE WITH IMPROVED SEALING ELEMENT**
[54] **CAPSULE AVEC ELEMENT D'ETANCHEITE AMELIORE**
[72] DOGLIONI MAJER, LUCA, IT
[71] TUTTOESPRESSO S.R.L., IT
[85] 2015-01-12
[86] 2013-07-01 (PCT/EP2013/063858)
[87] (WO2014/012779)
[30] EP (12005215.4) 2012-07-16

[21] **2,878,865**
[13] A1

[51] **Int.Cl. A61K 31/7028 (2006.01) A61P 31/04 (2006.01) A61P 33/00 (2006.01) C07H 15/12 (2006.01) C07H 15/18 (2006.01)**
[25] EN
[54] **SIALIC ACID DERIVATIVES**
[54] **DERIVES D'ACIDE SIALIQUE**
[72] BROSSMER, REINHARD, DE
[72] PRESCHER, HORST, CH
[71] BROSSMER, REINHARD, DE
[71] PRESCHER, HORST, CH
[85] 2014-12-19
[86] 2013-06-21 (PCT/EP2013/063020)
[87] (WO2013/190103)
[30] EP (12 172 939.6) 2012-06-21

[21] **2,878,866**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61F 13/02 (2006.01) A61K 31/047 (2006.01) A61K 31/19 (2006.01) A61K 31/7004 (2006.01) A61M 35/00 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **A COMPOSITION, DEVICE AND METHOD FOR DELAYED AND SUSTAINED RELEASE OF BRAIN ENERGY MOLECULES**
[54] **COMPOSITION, DISPOSITIF ET PROCEDE POUR LA LIBERATION RETARDEE ET PROLONGEE DE MOLECULES ENERGENIQUES POUR LE CERVEAU**
[72] XIA, JUN, US
[71] ABLE CEREBRAL, LLC, US
[85] 2015-01-09
[86] 2012-07-13 (PCT/US2012/046782)
[87] (WO2013/010137)
[30] US (61/572,258) 2011-07-14

[21] **2,878,867**
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 17/04 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **DOSING REGIMEN FOR JANUS KINASE (JAK) INHIBITORS**
[54] **REGIME POSOLOGIQUE DESTINE A DES INHIBITEURS DE LA JANUS KINASE (JAK)**
[72] GONZALES, ANDREA J., US
[72] COSGROVE, SALLIE B., US
[72] MALPAS, PHYLLIS B., US
[72] STEGEMANN, MICHAEL ROLF, BE
[72] COLLARD, WENDY TURNER, US
[71] ZOETIS LLC, US
[85] 2015-01-09
[86] 2013-07-18 (PCT/US2013/051015)
[87] (WO2014/015107)
[30] US (61/674,289) 2012-07-20
[30] US (61/815,803) 2013-04-25

[21] **2,878,868**
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **RSPO3 BINDING AGENTS AND USES THEREOF**
[54] **AGENTS DE LIAISON DES PROTEINES RSPO3 ET LEURS UTILISATIONS**
[72] GURNEY, AUSTIN L., US
[72] BOND, CHRISTOPHER J., US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2015-01-08
[86] 2013-07-12 (PCT/US2013/050300)
[87] (WO2014/012007)
[30] US (61/671,421) 2012-07-13
[30] US (61/753,184) 2013-01-16
[30] US (61/789,156) 2013-03-15
[30] US (61/826,747) 2013-05-23

Demandes PCT entrant en phase nationale

[21] **2,878,869**
[13] A1

[51] **Int.Cl. A61L 15/28 (2006.01) A61L 15/44 (2006.01)**
[25] EN
[54] **DRESSING HAVING THE CONTROLLED RELEASE OF ACTIVE AGENTS**
[54] **PANSEMENT A LIBERATION PROLONGEE D'ACTIFS**
[72] DESMAISON, NADEGE, FR
[72] RUAULT, AURELIE, FR
[72] AUGUSTE, STEPHANE, FR
[71] LABORATOIRES URGO, FR
[85] 2015-01-12
[86] 2013-07-11 (PCT/EP2013/064718)
[87] (WO2014/009488)
[30] FR (1256829) 2012-07-13

[21] **2,878,870**
[13] A1

[51] **Int.Cl. B41F 5/20 (2006.01) B41F 27/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ALIGNING PRINTING PLATES ON PRINTING CYLINDERS**
[54] **PROCEDE ET DISPOSITIF D'ORIENTATION DE PLAQUES D'IMPRESSON SUR DES CYLINDRES D'IMPRESSON**
[72] KASPER, WOLFGANG, DE
[72] HACK, MARCUS, DE
[71] BALL EUROPE GMBH, CH
[85] 2015-01-12
[86] 2013-06-24 (PCT/EP2013/063139)
[87] (WO2014/029527)
[30] DE (10 2012 214 824.8) 2012-08-21

[21] **2,878,871**
[13] A1

[51] **Int.Cl. G06F 7/00 (2006.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **NATURAL LANGUAGE TEST ANALYTICS**
[54] **ANALYSE DE TEXTE EN LANGAGE NATUREL**
[72] ANDERSON, TOM H.C., US
[71] ANDERSON, TOM H.C., US
[85] 2015-01-09
[86] 2012-07-31 (PCT/US2012/048969)
[87] (WO2013/019791)
[30] US (13/196,426) 2011-08-02

[21] **2,878,872**
[13] A1

[51] **Int.Cl. G01N 33/49 (2006.01) B01D 21/32 (2006.01) B04B 5/10 (2006.01) G01N 15/04 (2006.01) G06K 9/78 (2006.01)**
[25] EN
[54] **RAPID MEASUREMENT OF FORMED BLOOD COMPONENT SEDIMENTATION RATE FROM SMALL SAMPLE VOLUMES**
[54] **MESURE RAPIDE DU TAUX DE SEDIMENTATION DES ELEMENTS FIGURES DU SANG DANS DES ECHANTILLONS DE PETIT VOLUME**
[72] DAYEL, MARK, US
[72] ANEKAL, SAMARTHA, US
[72] HOLMES, ELIZABETH A., US
[71] THERANOS, INC., US
[85] 2015-01-09
[86] 2013-07-18 (PCT/US2013/051143)
[87] (WO2014/015177)
[30] US (61/673,037) 2012-07-18

[21] **2,878,873**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/553 (2006.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY III TRITHERAPIE**
[72] WESTERMARCK, JUKKA, FI
[72] KAUR, AMANPREET, FI
[71] TURUN YLIOPISTO, FI
[85] 2015-01-12
[86] 2013-07-11 (PCT/FI2013/050745)
[87] (WO2014/009609)
[30] FI (20125795) 2012-07-13

[21] **2,878,874**
[13] A1

[51] **Int.Cl. F41A 17/44 (2006.01)**
[25] EN
[54] **SAFETY SYSTEM FOR A HAND GUN TO PREVENT UNAUTHORIZED USE**
[54] **SYSTEME DE PROTECTION CONTRE UNE UTILISATION NON AUTORISEE D'UNE ARME A FEU MANUELLE**
[72] KORNER, JURGEN, DE
[72] SCHADE, UWE-THOMAS, DE
[71] SAUER, SIEGBERT, DE
[71] GERSTEN, KLAUS, DE
[71] KORNER, JURGEN, DE
[71] SCHADE, UWE-THOMAS, DE
[85] 2015-01-12
[86] 2013-07-08 (PCT/DE2013/000379)
[87] (WO2014/012529)
[30] DE (10 2012 014 400.8) 2012-07-16

[21] **2,878,875**
[13] A1

[51] **Int.Cl. G06F 19/20 (2011.01) C12Q 1/56 (2006.01)**
[25] EN
[54] **LOW-VOLUME COAGULATION ASSAY**
[54] **ESSAI DE COAGULATION SUR PETIT VOLUME**
[72] DAYEL, MARK, US
[72] ANEKAL, SAMARTHA, US
[72] PATEL, PAUL, US
[72] GIBBONS, IAN, US
[72] HOLMES, ELIZABETH, US
[71] THERANOS, INC., US
[85] 2015-01-09
[86] 2013-07-18 (PCT/US2013/051162)
[87] (WO2014/015191)
[30] US (61/673,227) 2012-07-18

[21] **2,878,876**
[13] A1

[51] **Int.Cl. F16L 33/03 (2006.01) B65D 63/00 (2006.01) F16B 2/06 (2006.01)**
[25] EN
[54] **BANDING STRAP**
[54] **ATTACHE DE CERCLAGE**
[72] COMANIUK, PAUL, CA
[72] COMANIUK, RYAN, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[72] MARCOS, JOSEPH B., CA
[71] KWIK BANDIT INC., CA
[85] 2015-01-12
[86] 2013-07-02 (PCT/CA2013/050511)
[87] (WO2014/012178)
[30] CA (2783353) 2012-07-16

PCT Applications Entering the National Phase

[21] **2,878,877**
[13] A1

[51] **Int.Cl. A61K 8/24 (2006.01) A61K 8/19 (2006.01) A61K 8/22 (2006.01) A61K 8/23 (2006.01) A61K 8/362 (2006.01) A61K 8/365 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **MOUThWASH COMPRIStING PEROXY COMPOUND, A FIRST ACID AND A SECONd ACID**

[54] **BAIN DE BOUCHE COMPRENANT UN COMPOSE PEROXY, UN PREMIER ACIDE ET UN SECONd ACIDE**

[72] SIMON, ERIC, US
[72] FRUGE, LINH, US
[72] KOHRS, KARSTEN, US
[72] PILCH, SHIRA, US
[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2015-01-09
[86] 2012-08-10 (PCT/US2012/050269)
[87] (WO2014/025355)

[21] **2,878,878**
[13] A1

[51] **Int.Cl. E21B 10/62 (2006.01) E21B 10/627 (2006.01) E21B 23/00 (2006.01)**

[25] EN

[54] **DRILLING DEvICE AND PROCESS**

[54] **DISPOSITIF ET PROCEDURE DE FORAGE**

[72] BLOOMFIELD, JOHN, US
[71] BLOOMFIELD, JOHN, US
[85] 2015-01-09
[86] 2013-06-14 (PCT/US2013/045943)
[87] (WO2013/188798)
[30] US (61/659,677) 2012-06-14

[21] **2,878,879**
[13] A1

[51] **Int.Cl. F15B 15/19 (2006.01) B60R 21/38 (2011.01)**

[25] FR

[54] **VERIN A COURSE DECLENCHEE A RETOUR ARRIERE AMORTI**

[54] **A TRIGGERED-STOKE ACTUATOR WITH DAMPED RETURN TRAVEL**

[72] BORG, EVRARD, FR
[71] HERAKLES, FR
[85] 2015-01-12
[86] 2013-07-12 (PCT/FR2013/051676)
[87] (WO2014/009670)
[30] FR (1256805) 2012-07-13

[21] **2,878,880**
[13] A1

[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/556 (2006.01)**

[25] EN

[54] **METHODS FOR DETECTING AND MEASURING AGGREGATION**

[54] **PROCEDES DE DETECTION ET DE MESURE D'AGGREGATION**

[72] PATEL, PAUL, US
[72] ANEKAL, SAMARTHA, US
[72] GIBBONS, IAN, US
[72] HOLMES, ELIZABETH, US
[72] JOSHI, SWAPNA, US
[71] THERANOS, INC., US

[85] 2015-01-09
[86] 2013-07-18 (PCT/US2013/051165)
[87] (WO2014/015194)
[30] US (61/673,215) 2012-07-18

[21] **2,878,881**
[13] A1

[51] **Int.Cl. A61K 36/064 (2006.01) A61P 15/02 (2006.01) A61P 31/10 (2006.01)**

[25] FR

[54] **SACCHAROMYCES CEREVISIAE YEAST FOR PREVENTING AND/OR TREATING VAGINAL MYCOSES**

[54] **LEVURE SACCHAROMYCES CEREVISIAE POUR PREVENIR ET/OU TRAITER LES MYCOSES VAGINALES**

[72] VANDEKERCKOVE, PASCAL, FR
[71] LESAFFRE ET COMPAGNIE, FR

[85] 2015-01-12
[86] 2013-07-09 (PCT/FR2013/051643)
[87] (WO2014/009656)
[30] FR (12 56799) 2012-07-13

[21] **2,878,882**
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/107 (2006.01) A61K 47/18 (2006.01)**

[25] FR

[54] **USE OF AN AMPHOTERIC CHELATING AGENT FOR PREVENTING CONTACT ALLERGIES**

[54] **UTILISATION D'UN AGENT CHELATANT AMPHOTERE POUR PREVENIR LES ALLERGIES DE CONTACT**

[72] BLOMET, JOEL, FR
[72] MATHIEU, LAURENCE, FR
[72] MEYER, MARIE-CLAUDE, FR
[71] PREVOR INTERNATIONAL, FR

[85] 2015-01-12
[86] 2013-07-17 (PCT/FR2013/051718)
[87] (WO2014/013195)
[30] FR (12 56939) 2012-07-18

[21] **2,878,883**
[13] A1

[51] **Int.Cl. G06F 3/03 (2006.01) G06F 3/01 (2006.01) G06F 3/14 (2006.01)**

[25] EN

[54] **PORTABLE TERMINAL USING TOUCH PEN AND HANDWRITING INPUT METHOD USING THE SAME**

[54] **TERMINAL PORTABLE UTILISANT UN CRAYON DE TOUCHE ET PROCEDURE D'ENTREE D'ECRITURE MANUSCRITE L'UTILISANT**

[72] KIM, HWA-KYUNG, KR
[72] BAE, JOO-YOON, KR
[72] LEE, JU-YOUN, KR
[72] KIM, SUNG-SOO, KR
[72] JUN, JIN-HA, KR
[72] CHA, SANG-OK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2015-01-12
[86] 2013-07-15 (PCT/KR2013/006316)
[87] (WO2014/011009)
[30] KR (10-2012-0076514) 2012-07-13
[30] KR (10-2012-0141221) 2012-12-06

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[21] **2,878,884**
[13] A1

[51] **Int.Cl. G01N 21/27 (2006.01) G01N 21/55 (2014.01)**
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[54] **DIAMOND ATR ARTEFACT CORRECTION**
[54] **CORRECTION D'ARTEFACT D'ATR DE DIAMANT**
[72] HOULT, ROBERT ALAN, GB
[71] PERKINELMER SINGAPORE PTE LTD, SG
[85] 2015-01-12
[86] 2013-07-23 (PCT/GB2013/000320)
[87] (WO2014/023924)
[30] GB (1213997.8) 2012-08-06

[21] **2,878,885**
[13] A1

[51] **Int.Cl. A47J 37/06 (2006.01)**
[25] EN
[54] **MODULAR TWO-SIDED GRILL**
[54] **GRIL MODULAIRE AYANT DEUX COTES**
[72] ROSA, PAULO J., CA
[72] JONES, DOUGLAS S., US
[71] GARLAND COMMERCIAL INDUSTRIES, LLC, US
[85] 2015-01-08
[86] 2013-07-12 (PCT/US2013/050353)
[87] (WO2014/012046)
[30] US (61/671,669) 2012-07-13

[21] **2,878,886**
[13] A1

[51] **Int.Cl. B04B 13/00 (2006.01) B04B 9/00 (2006.01)**
[25] EN
[54] **HIGH SPEED, COMPACT CENTRIFUGE FOR USE WITH SMALL SAMPLE VOLUMES**
[54] **CENTRIFUGEUSE COMPACTE A GRANDE VITESSE DESTINEE A ETRE UTILISEE AVEC DE PETITS VOLUMES D'ECHANTILLON**
[72] HOLMES, ELIZABETH, A., US
[72] YOUNG, DANIEL, US
[72] SMITH, TIMOTHY, US
[72] RIDEL, SCOTT, US
[72] FRANKOVICH, JOHN KENT, US
[72] SIEGEL, MICHAEL, US
[71] THERANOS, INC., US
[85] 2015-01-09
[86] 2013-07-18 (PCT/US2013/051170)
[87] (WO2014/015199)
[30] US (61/673,245) 2012-07-18
[30] US (61/675,758) 2012-07-25
[30] US (61/706,753) 2012-09-27

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[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **WEBSITE MONITORING**
[54] **SURVEILLANCE DE SITE WEB**
[72] PAZ, HADAR, US
[72] BROWITT, MICHAEL, AU
[72] PLATT, GREG, AU
[71] POWERFRONT, INC., US
[85] 2015-01-09
[86] 2013-07-05 (PCT/US2013/049481)
[87] (WO2014/011505)
[30] US (61/670,039) 2012-07-10
[30] US (13/843,327) 2013-03-15

[21] **2,878,888**
[13] A1

[51] **Int.Cl. C09D 1/00 (2006.01)**
[25] EN
[54] **FIRE RETARDANT PAINT**
[54] **PEINTURE IGNIFUGE**
[72] GOODWIN, RICHARD STANLEY, GB
[72] BAYLAY, ANDREW JAMES, GB
[72] STONIER, DAVID JAMES, GB
[72] WHITEHURST, JOHN PETER, GB
[71] GOODWIN PLC, GB
[85] 2015-01-12
[86] 2013-07-12 (PCT/GB2013/051864)
[87] (WO2014/009748)
[30] GB (1212530.8) 2012-07-13

[21] **2,878,889**
[13] A1

[51] **Int.Cl. B65D 85/816 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE AND SYSTEM FOR BEVERAGE PREPARATION**
[54] **CAPSULE ET SYSTEME DE PREPARATION DE BOISSON**
[72] DOGLIONI MAJER, LUCA, IT
[71] TUTTOESPRESSO S.R.L., IT
[85] 2015-01-12
[86] 2013-07-01 (PCT/EP2013/063848)
[87] (WO2014/012778)
[30] EP (12005214.7) 2012-07-16

[21] **2,878,890**
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A23L 1/30 (2006.01) A61P 1/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **COLICINS FOR TREATING BACTERIAL INFECTIONS**
[54] **COLICINES POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] WALKER, DANIEL, GB
[72] SMITH, KAREN, GB
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB
[85] 2015-01-12
[86] 2013-07-12 (PCT/GB2013/051858)
[87] (WO2014/009744)
[30] GB (1212588.6) 2012-07-13

[21] **2,878,891**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **WEIGHT-BASED STEMMING FOR IMPROVING SEARCH QUALITY**
[54] **INDEXATION PAR RADICAUX BASEE SUR UNE PONDERATION ET PERMETTANT D'AMELIORER UNE QUALITE DE RECHERCHE**
[72] WILL, STEFAN, US
[72] GRENIER, PIERRE C., US
[71] ZENDESK, INC., US
[85] 2015-01-09
[86] 2013-07-09 (PCT/US2013/049798)
[87] (WO2014/011689)
[30] US (13/544,890) 2012-07-09

[21] **2,878,892**
[13] A1

[51] **Int.Cl. D04B 21/16 (2006.01) D04B 21/20 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **TUBULAR PROTECTIVE SLEEVE**
[54] **MANCHON PROTECTEUR TUBULAIRE**
[72] RELATS MANENT, JORDI, ES
[72] RELATS CASAS, PERE, ES
[72] RELATS TORANTE, ORIOL, ES
[72] MARTINEZ ALGARRA, JOSEP RAMON, ES
[72] CUBERO BUEY, MARTA, ES
[72] FRUNS MARTIN, ANNA, ES
[71] RELATS, S. A., ES
[85] 2015-01-12
[86] 2013-07-03 (PCT/IB2013/055445)
[87] (WO2014/016716)
[30] ES (P201231175) 2012-07-23

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[21] **2,878,893**
[13] A1

[51] **Int.Cl. B65D 81/32 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **CONTAINER WITH REMOVABLE TRAY**
[54] **RECIPIENT AVEC PLATEAU AMOVIBLE**
[72] WITKOWSKI, SLAWEK, US
[72] SCHOCK, R. MICHAEL, US
[72] BOATWRIGHT, LAURA, US
[72] THORNTON, MICHAEL L., US
[71] SONOCO DEVELOPMENT INCORPORATED, US
[85] 2015-01-09
[86] 2013-07-19 (PCT/US2013/051254)
[87] (WO2014/028174)
[30] US (13/584,438) 2012-08-13

[21] **2,878,894**
[13] A1

[51] **Int.Cl. F16L 9/12 (2006.01) F16L 13/10 (2006.01) F16L 13/11 (2006.01) F16L 47/24 (2006.01)**
[25] EN
[54] **COMPOSITE TUBE**
[54] **TUBE COMPOSITE**
[72] DOOLE, TIMOTHY JOHN, GB
[72] O'GARA, DARCY JOHN, GB
[72] LEWIS, PAUL ANTHONY, GB
[72] DEWHIRST, MICHAEL JOHN, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[85] 2015-01-12
[86] 2013-07-15 (PCT/GB2013/051881)
[87] (WO2014/009755)
[30] GB (1212531.6) 2012-07-13

[21] **2,878,895**
[13] A1

[51] **Int.Cl. C07D 261/06 (2006.01) A61K 31/42 (2006.01) A61P 21/00 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATMENT OF SPINAL MUSCULAR ATROPHY**
[54] **COMPOSES UTILISABLES EN VUE DU TRAITEMENT DE L'AMYOTROPHIE SPINALE**
[72] ANDROPHY, ELLIOT J., US
[72] CHERRY, JONATHON J., US
[72] CUNY, GREGORY D., US
[72] GLICKSMAN, MARCIE A., US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
[85] 2015-01-08
[86] 2013-07-12 (PCT/US2013/050361)
[87] (WO2014/012050)
[30] US (61/671,425) 2012-07-13

[21] **2,878,896**
[13] A1

[51] **Int.Cl. B65D 85/816 (2006.01) A47J 31/36 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE AND BREWING SYSTEM WITH ADAPTABLE SEALING ELEMENT**
[54] **CAPSULE ET SYSTEME D'INFUSION COMPRENANT UN ELEMENT D'ETANCHEITE ADAPTABLE**
[72] DOGLIONI MAJER, LUCA, IT
[71] TUTTOESPRESSO S.R.L., IT
[85] 2015-01-12
[86] 2013-07-01 (PCT/EP2013/063873)
[87] (WO2014/012783)
[30] EP (12005216.2) 2012-07-16

[21] **2,878,897**
[13] A1

[51] **Int.Cl. B64F 1/26 (2006.01)**
[25] EN
[54] **NOISE-REDUCING AIR INLET GRILLE FOR AN APPLIANCE**
[54] **GRILLE D'ENTREE D'AIR A REDUCTION DE BRUIT POUR APPAREIL**
[72] NGUYEN, WILLIAM H., US
[72] IMANI, VANDAUD M., US
[72] GODECKER, WILLIAM, US
[71] B/E AEROSPACE, INC., US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050297)
[87] (WO2014/012004)
[30] US (61/670,696) 2012-07-12

[21] **2,878,898**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING OR MEASURING THE IMPACT OF A VIRAL VECTOR COMPOSITION ON EUKARYOTIC CELLS AND BIOMARKERS USED THEREOF**
[54] **METHODE DE DETECTION OU DE MESURE DE L'IMPACT D'UNE COMPOSITION DE VECTEUR VIRAL SUR DES CELLULES EUKARYOTES ET LEURS BIOMARQUEURS UTILISES**
[72] BOUILLE, PASCALE, FR
[72] GAYON, REGIS, FR
[72] ICHE, ALEXANDRA, FR
[71] VECTALYS, FR
[85] 2015-01-12
[86] 2013-07-26 (PCT/IB2013/002085)
[87] (WO2014/016690)
[30] US (61/676,098) 2012-07-26

[21] **2,878,899**
[13] A1

[51] **Int.Cl. H02K 1/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ELECTRIC MOTOR CONSTRUCTION**
[54] **SYSTEMES ET PROCEDES DESTINES A LA CONSTRUCTION DE MOTEURS ELECTRIQUES**
[72] KNAPP, JOHN M., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049880)
[87] (WO2014/011739)
[30] US (61/669,949) 2012-07-10

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[21] **2,878,900**
[13] A1

[51] **Int.Cl. A61J 15/00 (2006.01) A61M 25/00 (2006.01)**

[25] EN

[54] **FEEDING TUBE TIP REINFORCEMENT**

[54] **RENFORT DE BOUT DE SONDE D'ALIMENTATION**

[72] KENOWSKI, MICHAEL A., US
[72] DZIAK, KATHERINE L., US
[72] MCMICHAEL, DONALD J., US
[72] ROTELLA, JOHN A., US
[71] AVENT, INC., US
[85] 2015-01-12
[86] 2013-06-12 (PCT/IB2013/054819)
[87] (WO2014/009824)
[30] US (13/548,823) 2012-07-13

[21] **2,878,901**
[13] A1

[51] **Int.Cl. E05B 73/00 (2006.01) G06F 1/16 (2006.01)**

[25] EN

[54] **DEVICE SECURITY SYSTEM**

[54] **SYSTEME DE SECURITE POUR DISPOSITIF**

[72] BROBST, RYAN, US
[72] DUNKERLEY, ANDREW, US
[72] NEAL, JODY, US
[71] DCI MARKETING, INC., US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050316)
[87] (WO2014/012018)
[30] US (61/671,010) 2012-07-12

[21] **2,878,902**
[13] A1

[51] **Int.Cl. A01H 1/02 (2006.01) A01G 1/04 (2006.01) C12N 1/14 (2006.01)**

[25] EN

[54] **NOVEL SPECIES OF PLEUROTUS SP. AND METHOD FOR PRODUCING SAME**

[54] **NOUVELLE ESPECE DE PLEUROTUS SP. ET SON PROCEDE DE PRODUCTION**

[72] ISHIKAWA, MARIKO, JP
[72] INATOMI, SATOSHI, JP
[72] OUCHI, KENJI, JP
[72] OKU, TAKESHI, JP
[71] HOKUTO CORPORATION, JP
[85] 2015-01-12
[86] 2012-12-10 (PCT/JP2012/007868)
[87] (WO2014/020653)
[30] JP (2012-169032) 2012-07-31

[21] **2,878,903**
[13] A1

[51] **Int.Cl. F23B 90/00 (2011.01) C10L 5/00 (2006.01)**

[25] EN

[54] **METHOD FOR UTILIZING ALUMINUM AS FUEL**

[54] **PROCEDE POUR L'UTILISATION D'ALUMINIUM COMME COMBUSTIBLE**

[72] GOTO, TETSUYA, JP
[72] ARAKAWA, YOSHIHIRO, JP
[72] TAKAHASHI, SHUHEI, JP
[72] NAKANO, MASAKATSU, JP
[72] MATSUI, MAKOTO, JP
[71] JAPAN EXPERT CLONE CORP., JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] TOKYO METROPOLITAN UNIVERSITY, MUNICIPAL UNIVERSITY CORP, JP
[85] 2015-01-12
[86] 2013-03-08 (PCT/JP2013/056405)
[87] (WO2014/030368)
[30] JP (2012-183301) 2012-08-22

[21] **2,878,904**
[13] A1

[51] **Int.Cl. H02J 3/38 (2006.01) H02J 3/46 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ACTIVELY MANAGING ELECTRIC POWER SUPPLY FOR AN ELECTRIC POWER GRID**

[54] **PROCEDE ET APPAREIL POUR GERER ACTIVEMENT UNE ALIMENTATION ELECTRIQUE DANS UN RESEAU ELECTRIQUE**

[72] FORBES, JOSEPH W., US
[71] CAUSAM ENERGY, INC., US
[85] 2015-01-08
[86] 2013-07-14 (PCT/US2013/050419)
[87] (WO2014/014792)
[30] US (13/549,429) 2012-07-14

[21] **2,878,905**
[13] A1

[51] **Int.Cl. B64C 3/10 (2006.01) B64C 23/06 (2006.01) B64C 35/00 (2006.01)**

[25] EN

[54] **SPIN RESISTANT AIRCRAFT CONFIGURATION**

[54] **CONFIGURATION D'AERONEF RESISTANT A LA VRILLE**

[72] GIONTA, MATTHEW, US
[72] KARKOW, JON, US
[72] RONCZ, JOHN, US
[72] KOEHLER, DIETER, US
[71] ICON AIRCRAFT, INC., US
[85] 2015-01-09
[86] 2013-07-19 (PCT/US2013/051355)
[87] (WO2014/074182)
[30] US (61/674,267) 2012-07-20
[30] US (13/946,572) 2013-07-19

[21] **2,878,906**
[13] A1

[51] **Int.Cl. A41D 19/015 (2006.01)**

[25] EN

[54] **A PROTECTIVE GLOVE**

[54] **GANT PROTECTEUR**

[72] LINDBERG SVENSSON, ASA, SE
[71] ALYCORE AS, NO
[85] 2015-01-12
[86] 2012-06-08 (PCT/SE2012/050625)
[87] (WO2013/184055)

[21] **2,878,907**
[13] A1

[51] **Int.Cl. E21B 10/62 (2006.01) E21B 10/42 (2006.01) E21B 10/43 (2006.01)**

[25] EN

[54] **IMPROVING DRILL BIT STABILITY USING TRACK-SET DEPTH OF CUT CONTROL ELEMENTS**

[54] **PERFECTIONNEMENT APORTE A LA STABILITE D'UN TREPAN AU MOYEN D'ELEMENTS DE COMMANDE DE PROFONDEUR DE SAIGNEE DOTES D'UN ENSEMBLE DE GUIDAGE**

[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050341)
[87] (WO2014/012038)
[30] US (61/671,575) 2012-07-13

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[21] **2,878,908**
[13] A1

[51] **Int.Cl. C10G 35/10 (2006.01) C10G 35/06 (2006.01)**

[25] EN

[54] **FLUID CATALYTIC CRACKING PROCESS AND APPARATUS FOR MAXIMIZING LIGHT OLEFINS OR MIDDLE DISTILLATES AND LIGHT OLEFINS**

[54] **PROCEDE ET APPAREIL DE CRAQUAGE CATALYTIQUE DE FLUIDE PERMETTANT DE MAXIMISER LA TENEUR EN OLEFINES LEGERES OU EN DISTILLATS MOYENS ET OLEFINES LEGERES**

[72] MARRI, RAMA RAO, US
[72] SONI, DALIP SINGH, US
[72] KUMAR, PRAMOD, IN
[71] LUMMUS TECHNOLOGY INC., US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049906)
[87] (WO2014/011759)
[30] US (13/547,807) 2012-07-12

[21] **2,878,909**
[13] A1

[51] **Int.Cl. C22B 21/00 (2006.01) C22B 9/05 (2006.01)**

[25] EN

[54] **METHOD FOR REDUCING ALUMINA OR MAGNECIA BY UTILISING SUPERSONIC GAS FLOW**

[54] **PROCEDE DE REDUCTION D'ALUMINE ET MAGNESIE PAR ECOULEMENT D'AIR SUPERSONIQUE**

[72] ARAKAWA YOSHIHIRO, JP
[72] NAKANO MASAKATSU, JP
[72] MATSUI MAKOTO, JP
[72] GOTO TETSUYA, JP
[71] JAPAN EXPERT CLONE CORP., JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] TOKYO METROPOLITAN UNIVERSITY, MUNICIPAL UNIVERSITY CORP, JP
[85] 2015-01-12
[86] 2013-03-08 (PCT/JP2013/056417)
[87] (WO2014/030369)
[30] JP (2012-183356) 2012-08-22

[21] **2,878,910**
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) C01B 31/20 (2006.01)**

[25] EN

[54] **CO2 RECOVERY DEVICE AND CO2 RECOVERY METHOD**

[54] **DISPOSITIF DE RECUPERATION DE CO2 ET PROCEDE DE RECUPERATION DE CO2**

[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] OISHI, TSUYOSHI, JP
[72] KAMIJO, TAKASHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-01-12
[86] 2013-04-17 (PCT/JP2013/061403)
[87] (WO2014/030388)
[30] JP (2012-181442) 2012-08-20

[21] **2,878,911**
[13] A1

[51] **Int.Cl. A47D 13/02 (2006.01)**

[25] EN

[54] **BABY CARRIER**

[54] **PORTE-BEBE**

[72] ANDREN, MARTEN, SE
[72] VEJBRINK, ULRIKA, SE
[72] THALEN, DAVID, SE
[72] DE BRUIN LYCKMAN, KIM, SE
[71] BABYBJORN AB, SE
[85] 2015-01-12
[86] 2013-07-03 (PCT/SE2013/050859)
[87] (WO2014/011102)
[30] SE (1250817-2) 2012-07-12

[21] **2,878,912**
[13] A1

[51] **Int.Cl. G06G 7/48 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM, METHOD & COMPUTER PROGRAM PRODUCT TO SIMULATE RUPTURE DISK AND SYNTACTIC FOAM TRAPPED ANNULAR PRESSURE MITIGATION IN DOWNHOLE ENVIRONMENTS**

[54] **SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR SIMULER L'ATTENUATION DE LA PRESSION ANNULAIRE PIEGEE PAR DISQUES DE RUPTURE ET MOUSSE SYNTACTIQUE DANS DES CONDITIONS DE FOND**

[72] JIANG, JUN, US
[72] DUNCAN, MAX ORLAND, US
[72] MITCHELL, ROBERT FRANKLIN, US
[72] GONZALES, ADOLFO CAMILO, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-09
[86] 2013-07-10 (PCT/US2013/049957)
[87] (WO2014/011793)
[30] US (13/546,777) 2012-07-11

[21] **2,878,913**
[13] A1

[51] **Int.Cl. B62D 21/00 (2006.01) B23K 20/12 (2006.01)**

[25] EN

[54] **FRICTION-STIR WELDED STRUCTURE**

[54] **STRUCTURE SOUDEE PAR FRICTION-MALAXAGE**

[72] HATA, TSUNEHISA, JP
[72] HIROBE, TOSHIKAZU, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2015-01-12
[86] 2013-05-30 (PCT/JP2013/064976)
[87] (WO2014/017167)
[30] JP (2012-165063) 2012-07-25

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[21] **2,878,914**
[13] A1

[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/97 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF TREATING HAIR LOSS AND DELAYING AGING OF SKIN**
[54] **COMPOSITIONS ET METHODES DESTINEES A TRAITER LA CHUTE DES CHEVEUX ET A RETARDER LE VIEILLISSEMENT DE LA PEAU**
[72] CHEN, STEVEN, US
[71] PHYTO TECH CORP., US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050399)
[87] (WO2014/012075)
[30] US (61/671,624) 2012-07-13

[21] **2,878,915**
[13] A1

[51] **Int.Cl. B65D 5/468 (2006.01)**
[25] EN
[54] **CARTON WITH HANDLE AND BLANK THEREFOR**
[54] **CARTON MUNI DE POIGNEE ET EBAUCHE POUR CELUI-CI**
[72] BATES, AARON L., US
[72] WALLING, BRADFORD J., US
[72] ZACHERLE, MATTHEW E., US
[71] MEADWESTVACO PACKAGING SYSTEMS, LLC, US
[85] 2015-01-09
[86] 2013-07-11 (PCT/US2013/050063)
[87] (WO2014/011868)
[30] US (61/670,377) 2012-07-11
[30] US (61/702,544) 2012-09-18

[21] **2,878,916**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) B08B 9/04 (2006.01) C10G 11/00 (2006.01) C10G 11/18 (2006.01) F16L 55/26 (2006.01) F16L 55/46 (2006.01)**
[25] EN
[54] **METHODS AND FUEL PROCESSING APPARATUSES FOR UPGRADING A PYROLYSIS OIL STREAM AND A HYDROCARBON STREAM**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT DE COMBUSTIBLES POUR LA MISE A NIVEAU D'UN COURANT D'HUILE DE PYROLYSE ET D'UN COURANT D'HYDROCARBURES**
[72] KULPRATHIPANJA, SATHIT, US
[72] PALMAS, PAOLO, US
[72] BAIRD, LANCE AWENDER, US
[71] UOP LLC, US
[85] 2015-01-12
[86] 2013-05-14 (PCT/US2013/040851)
[87] (WO2014/021974)
[30] US (13/563,125) 2012-07-31

[21] **2,878,917**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) C10G 11/00 (2006.01) C10G 11/18 (2006.01)**
[25] EN
[54] **METHODS AND FUEL PROCESSING APPARATUSES FOR UPGRADING A PYROLYSIS OIL STREAM AND A HYDROCARBON STREAM**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT DE COMBUSTIBLE POUR VALORISER UN COURANT D'HUILE PYROLYTIQUE ET UN COURANT D'HYDROCARBURE**
[72] BAIRD, LANCE AWENDER, US
[72] PALMAS, PAOLO, US
[72] KULPRATHIPANJA, SATHIT, US
[71] UOP LLC, US
[85] 2015-01-12
[86] 2013-05-14 (PCT/US2013/040879)
[87] (WO2014/021975)
[30] US (13/563,172) 2012-07-31

[21] **2,878,918**
[13] A1

[51] **Int.Cl. C01D 15/00 (2006.01) B01J 6/00 (2006.01) B01J 19/24 (2006.01) C01G 49/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING LITHIUM METAL PHOSPHOR OXIDE**
[54] **PROCEDE POUR PREPARER DU LITHIUM-METAL-OXYDE DE PHOSPHORE**
[72] SONG, HYUN A., KR
[72] CHANG, DONG GYU, KR
[72] YANG, WOO YOUNG, KR
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR
[85] 2015-01-12
[86] 2013-05-10 (PCT/KR2013/004162)
[87] (WO2014/025125)
[30] KR (10-2012-0088048) 2012-08-10

[21] **2,878,919**
[13] A1

[51] **Int.Cl. G01V 3/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF FOCUSING AN ARRAY LATEROLOG**
[54] **SYSTEME ET PROCEDE DE FOCALISATION D'UNE DIAGRAPHIE FOCALISEE DE RESISTIVITE DE RESEAU**
[72] LI, SHANJUN, US
[72] SAN MARTIN, LUIS, US
[72] BITTAR, MICHAEL S., US
[72] LI, JING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-12
[86] 2012-07-13 (PCT/US2012/046722)
[87] (WO2014/011186)

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[21] **2,878,920**
[13] A1

[51] **Int.Cl. G01L 27/00 (2006.01)**
[25] EN
[54] **THERMAL DIAGNOSTIC FOR SINGLE-CRYSTAL PROCESS FLUID PRESSURE SENSOR**
[54] **DIAGNOSTIC THERMIQUE POUR CAPTEUR DE PRESSION DE FLUIDE DE TRAITEMENT A CRISTAL UNIQUE**
[72] HEDTKE, ROBERT C., US
[71] ROSEMOUNT INC., US
[85] 2015-01-12
[86] 2013-06-21 (PCT/US2013/047005)
[87] (WO2014/025463)
[30] US (13/569,894) 2012-08-08

[21] **2,878,921**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01)**
[25] EN
[54] **PORATED CARTILAGE PRODUCTS**
[54] **PRODUITS DE CARTILAGE DOTES DE PORES**
[72] YOO, DANA SUE, US
[72] KUANG, JIN-QIANG, US
[72] PADEN, JAIME, US
[72] MAXSON, SCOTT A., US
[72] DANILKOVITCH, ALLA, US
[72] LOPEZ, ERASMO, US
[72] TOM, SAMSON, US
[71] OSIRIS THERAPEUTICS, INC., US
[85] 2015-01-09
[86] 2013-07-11 (PCT/US2013/050089)
[87] (WO2014/011889)
[30] US (61/670,424) 2012-07-11
[30] US (61/670,434) 2012-07-11
[30] US (61/670,444) 2012-07-11

[21] **2,878,922**
[13] A1

[51] **Int.Cl. G06F 3/033 (2013.01) G06F 3/01 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **USER INTERFACE APPARATUS AND METHOD FOR USER TERMINAL**
[54] **APPAREIL A INTERFACE UTILISATEUR ET PROCEDE POUR TERMINAL UTILISATEUR**
[72] KIM, HWA-KYUNG, KR
[72] JUN, JIN-HA, KR
[72] KIM, SUNG-SOO, KR
[72] BAE, JOO-YOON, KR
[72] CHA, SANG-OK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-01-12
[86] 2013-07-11 (PCT/KR2013/006223)
[87] (WO2014/010974)
[30] KR (10-2012-0076514) 2012-07-13
[30] KR (10-2012-0139927) 2012-12-04

[21] **2,878,923**
[13] A1

[51] **Int.Cl. A47J 43/25 (2006.01) A47J 43/08 (2006.01) A47J 43/10 (2006.01)**
[25] EN
[54] **DISK GRATER**
[54] **RAPE CIRCULAIRE**
[72] HERREN, BRUNO, CH
[71] SWIZZCUT AG, CH
[85] 2015-01-12
[86] 2013-07-11 (PCT/EP2013/064664)
[87] (WO2014/009460)
[30] CH (01076/12) 2012-07-12

[21] **2,878,925**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **HIGH PRESSURE SEAL BACK-UP**
[54] **PIECE DE RENFORT DE JOINT D'ETANCHEITE HAUTE PRESSION**
[72] STOKES, MATTHEW BRADLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-12
[86] 2012-07-13 (PCT/US2012/046813)
[87] (WO2014/011194)

[21] **2,878,926**
[13] A1

[51] **Int.Cl. A01G 9/00 (2006.01) A01G 9/12 (2006.01)**
[25] EN
[54] **ASSEMBLY EQUIPMENT FOR VERTICALLY ARRANGED PLANTS WITH A BUILT-IN WATERING SYSTEM**
[54] **EQUIPEMENT DE MONTAGE POUR PLANTES DISPOSEES VERTICALEMENT A SYSTEME D'ARROSAGE INTEGRE**
[72] GARCIA ARIZPE, IGNACIO, MX
[71] GARCIA ARIZPE, IGNACIO, MX
[85] 2015-01-12
[86] 2013-06-17 (PCT/MX2013/000074)
[87] (WO2014/017894)
[30] MX (MX/a/2012/008742) 2012-07-23

[21] **2,878,927**
[13] A1

[51] **Int.Cl. C08G 63/82 (2006.01) C08G 63/12 (2006.01)**
[25] EN
[54] **POLYCONDENSATION CATALYST FOR PRODUCING POLYESTER AND PRODUCTION OF POLYESTER USING THE POLYCONDENSATION CATALYST**
[54] **CATALYSEUR DE POLYCONDENSATION POUR LA FABRICATION DE POLYESTER ET FABRICATION DE POLYESTER A L'AIDE DU CATALYSEUR DE POLYCONDENSATION POUR LA FABRICATION DE POLYESTER**
[72] TABATA, KEIICHI, JP
[72] KAMON, AKIHIRO, JP
[72] IKEGAWA, KEIICHI, JP
[72] NAITO, JUN, JP
[71] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2015-01-12
[86] 2013-07-26 (PCT/JP2013/070290)
[87] (WO2014/021206)
[30] JP (2012-170068) 2012-07-31

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[21] **2,878,928**
[13] A1

[51] **Int.Cl. A61K 35/12 (2015.01)**
[25] EN
[54] **TOXICITY MANAGEMENT FOR ANTI-TUMOR ACTIVITY OF CARS**
[54] **GESTION DE LA TOXICITE DE L'ACTIVITE ANTI-TUMORALE DE RECEPTEURS D'ANTIGENES CHIMERIQUES (CAR)**
[72] JUNE, CARL H., US
[72] LEVINE, BRUCE L., US
[72] KALOS, MICHAEL D., US
[72] GRUPP, STEPHAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050267)
[87] (WO2014/011984)
[30] US (61/671,482) 2012-07-13
[30] US (61/782,982) 2013-03-14

[21] **2,878,929**
[13] A1

[51] **Int.Cl. F16K 3/24 (2006.01) F16K 1/48 (2006.01)**
[25] EN
[54] **BOLTED VALVE CONTROL ELEMENT**
[54] **ELEMENT DE COMMANDE DE VANNE BOULONNE**
[72] ANDERSON, SHAWN W., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2015-01-12
[86] 2013-07-10 (PCT/US2013/049850)
[87] (WO2014/014717)
[30] US (13/550,171) 2012-07-16

[21] **2,878,930**
[13] A1

[51] **Int.Cl. G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **METHOD OF ESTIMATING ANISOTROPIC FORMATION RESISTIVITY PROFILE USING A MULTI-COMPONENT INDUCTION TOOL**
[54] **PROCEDE D'ESTIMATION DE PROFIL DE RESISTIVITE DE FORMATION ANISOTROPE UTILISANT UN OUTIL D'INDUCTION MULTICOMPOSANT**
[72] LI, SHANJUN, US
[72] WU, DAGANG, US
[72] SAN MARTIN, LUIS E., US
[72] TANG, YUMEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-12
[86] 2012-07-13 (PCT/US2012/046766)
[87] (WO2014/011190)

[21] **2,878,931**
[13] A1

[51] **Int.Cl. G01N 9/26 (2006.01) G01F 1/74 (2006.01)**
[25] EN
[54] **FLUID CHARACTERISTIC DETERMINATION OF A MULTI-COMPONENT FLUID WITH COMPRESSIBLE AND INCOMPRESSIBLE COMPONENTS**
[54] **DETERMINATION DE CARACTERISTIQUES DE FLUIDE D'UN FLUIDE A COMPOSANTS MULTIPLES CONTENANT DES COMPOSANTS COMPRESSIBLES ET INCOMPRESSIBLES**
[72] SCHOLLENBERGER, FREDERICK SCOTT, US
[72] WEINSTEIN, JOEL, US
[72] SHEPHERD, DAVID JOHN, NZ
[71] MICRO MOTION, INC., US
[85] 2015-01-12
[86] 2012-08-01 (PCT/US2012/049133)
[87] (WO2014/021884)

[21] **2,878,932**
[13] A1

[51] **Int.Cl. H01R 13/52 (2006.01) H01R 13/533 (2006.01) H01R 24/28 (2011.01)**
[25] EN
[54] **MINING CABLE COUPLERS**
[54] **COUPLEURS DE CABLES D'EXPLOITATION MINIERE**
[72] SPALDING, MATTHEW, US
[71] TYCO ELECTRONICS CORPORATION, US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050291)
[87] (WO2014/011999)
[30] US (61/671,246) 2012-07-13
[30] US (13/692,401) 2012-12-03

[21] **2,878,933**
[13] A1

[51] **Int.Cl. A47D 13/02 (2006.01) A44B 11/25 (2006.01)**
[25] EN
[54] **SAFETY BUCKLE DEVICE**
[54] **DISPOSITIF A BOUCLE DE SECURITE**
[72] WIKNER, JAKOB, SE
[72] BERGENS, THOMAS, SE
[72] ANDREN, MARTEN, SE
[71] BABYBJORN AB, SE
[85] 2015-01-12
[86] 2013-07-03 (PCT/SE2013/050861)
[87] (WO2014/011104)
[30] SE (1250818-0) 2012-07-12

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[21] **2,878,934**
[13] A1

[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01) A61K 48/00 (2006.01)**

[25] EN

[54] **OLIGONUCLEOTIDES FOR MAKING A CHANGE IN THE SEQUENCE OF A TARGET RNA MOLECULE PRESENT IN A LIVING CELL**

[54] **OLIGONUCLEOTIDES POUR INTRODUIRE UNE MODIFICATION DANS LA SEQUENCE D'UNE MOLECULE D'ARN CIBLE PRESENTE DANS UNE CELLULE VIVANTE**

[72] DE BOER, DANIEL ANTON, NL
[72] RITSEMA, TITA, NL
[71] PROQR THERAPEUTICS B.V., NL
[85] 2015-01-12
[86] 2013-07-12 (PCT/NL2013/050534)
[87] (WO2014/011053)
[30] US (61/670,681) 2012-07-12
[30] US (61/718,801) 2012-10-26
[30] EP (13166465.8) 2013-05-03
[30] EP (13172515.2) 2013-06-18
[30] EP (13173818.9) 2013-06-26

[21] **2,878,935**
[13] A1

[51] **Int.Cl. C07C 51/34 (2006.01) C07C 45/40 (2006.01) C07C 47/02 (2006.01) C07C 55/18 (2006.01)**

[25] EN

[54] **OZONOLYSIS OPERATIONS FOR GENERATION OF REDUCED AND/OR OXIDIZED PRODUCT STREAMS**

[54] **OPERATIONS D'OZONOLYSE POUR GENERER DES FLUX DE PRODUIT REDUIT ET/OU OXYDE**

[72] FOLEY, PATRICK, US
[72] YANG, YONGHUA, US
[71] P2 SCIENCE, INC., US
[85] 2015-01-12
[86] 2013-07-19 (PCT/US2013/051357)
[87] (WO2014/015290)
[30] US (61/673,411) 2012-07-19
[30] US (61/784,376) 2013-03-14

[21] **2,878,936**
[13] A1

[51] **Int.Cl. A23K 1/22 (2006.01) A23L 1/30 (2006.01) A61K 47/34 (2006.01) A61K 47/44 (2006.01)**

[25] EN

[54] **IMPROVED APPLICATION OF LIQUIDS TO SOLID PARTICLES**

[54] **APPLICATION AMELIOREE DE LIQUIDES SUR DES PARTICULES SOLIDES**

[72] PIMENTEL, JULIO, US
[72] RICHARDSON, KURT, US
[72] STREET, PETER F. S., GB
[72] DEROME, LENKA, US
[71] ANITOX CORPORATION, US
[85] 2015-01-12
[86] 2012-07-14 (PCT/US2012/046821)
[87] (WO2014/014436)

[21] **2,878,937**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) B65D 75/32 (2006.01)**

[25] EN

[54] **PACKAGE FOR SYRINGE**

[54] **EMBALLAGE POUR SERINGUE**

[72] MAASARANI, KARIM, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2015-01-12
[86] 2013-07-11 (PCT/US2013/050009)
[87] (WO2014/014728)
[30] US (13/549,646) 2012-07-16

[21] **2,878,938**
[13] A1

[51] **Int.Cl. C03C 27/12 (2006.01) C08L 29/14 (2006.01)**

[25] EN

[54] **INTERMEDIATE FILM FOR LAMINATED GLASS AND LAMINATED GLASS**

[54] **FILM INTERMEDIAIRE POUR VERRE STRATIFIE, ET VERRE STRATIFIE**

[72] KITANO, HIROFUMI, JP
[72] KATAYAMA, TAIKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2015-01-12
[86] 2013-08-02 (PCT/JP2013/071046)
[87] (WO2014/021459)
[30] JP (2012-172165) 2012-08-02

[21] **2,878,939**
[13] A1

[51] **Int.Cl. C10L 1/04 (2006.01) C10L 3/10 (2006.01)**

[25] EN

[54] **NOVEL FUEL COMPOSITION**

[54] **NOUVELLE COMPOSITION DE CARBURANT**

[72] FANG, HOWARD L., US
[72] QIN, MEIFANG, US
[72] BEN-REUVEN, MOSHE, US
[71] PRIMUS GREEN ENERGY INC., US
[85] 2015-01-09
[86] 2013-07-12 (PCT/US2013/050328)
[87] (WO2014/012027)
[30] US (13/547,826) 2012-07-12

[21] **2,878,940**
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01)**

[25] EN

[54] **MEDICAL VIAL ACCESS DEVICE WITH PRESSURE EQUALIZATION AND CLOSED DRUG TRANSFER SYSTEM AND METHOD UTILIZING SAME**

[54] **DISPOSITIF D'ACCES A UN FLACON MEDICAL AVEC SYSTEME D'EGALISATION DE PRESSION ET DE TRANSFERT DE MEDICAMENT FERME ET PROCEDE L'UTILISANT**

[72] CEDERSCHIOLD, ALEXANDER, SE
[71] BECTON DICKINSON AND COMPANY LTD., IE
[85] 2015-01-12
[86] 2013-07-12 (PCT/EP2013/064847)
[87] (WO2014/009556)
[30] US (61/671,567) 2012-07-13

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[21] **2,878,942**
[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04B 10/114 (2013.01) G07F 11/00 (2006.01) H04B 11/00 (2006.01) H04L 12/28 (2006.01) H05B 41/00 (2006.01)**

[25] EN

[54] **HOME NETWORK OF CONNECTED CONSUMER DEVICES**

[54] **RESEAU DOMESTIQUE DE DISPOSITIFS GRAND PUBLIC CONNECTES**

[72] APTE, RAJ B., US

[72] HASENOEHRL, ERIK JOHN, US

[72] PAULSON, CHRISTOPHER, US

[71] THE PROCTOR & GAMBLE COMPANY, US

[85] 2015-01-12

[86] 2013-07-17 (PCT/US2013/050820)

[87] (WO2014/014993)

[30] US (13/551,551) 2012-07-17

[21] **2,878,943**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) A61L 2/20 (2006.01)**

[25] EN

[54] **PACKAGELESS SYRINGE ASSEMBLY WITH STERILIZABLE FLUID PATH**

[54] **ENSEMBLE SERINGUE SANS EMBALLAGE AVEC TRAJET DE FLUIDE STERILISABLE**

[72] SODHI, ANIL, US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2015-01-12

[86] 2013-07-11 (PCT/US2013/050011)

[87] (WO2014/014729)

[30] US (13/549,652) 2012-07-16

[21] **2,878,944**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0476 (2006.01) A61B 5/0484 (2006.01) A61B 5/0496 (2006.01)**

[25] EN

[54] **SIGNAL DATA EXTRACTION METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL POUR UNE EXTRACTION DE DONNEES DE SIGNAL**

[72] COX, LAURIE A., US

[71] DIOPSY, INC., US

[85] 2015-01-12

[86] 2013-07-22 (PCT/US2013/051530)

[87] (WO2014/015345)

[30] US (61/674,052) 2012-07-20

[21] **2,878,945**
[13] A1

[51] **Int.Cl. C07H 21/00 (2006.01) C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/7125 (2006.01) C07H 21/04 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **CHIRAL CONTROL**

[54] **CONTROLE CHIRAL**

[72] BUTLER, DAVID, US

[72] IWAMOTO, NAOKI, US

[72] MEENA, MEENA, US

[72] SVRZIKAPA, NENAD, US

[72] VERDINE, GREGORY L., US

[72] ZLATEV, IVAN, US

[71] WAVE LIFE SCIENCES PTE. LTD., SG

[85] 2015-01-09

[86] 2013-07-12 (PCT/US2013/050407)

[87] (WO2014/012081)

[30] US (61/671,655) 2012-07-13

[30] US (61/671,656) 2012-07-13

[30] US (61/671,724) 2012-07-14

[30] US (61/671,722) 2012-07-14

[21] **2,878,947**
[13] A1

[51] **Int.Cl. A01C 15/02 (2006.01)**

[25] EN

[54] **APPARATUSES AND TECHNIQUES FOR SUBTERRANEAN PLACEMENT OF ONE OR MORE ITEMS**

[54] **APPAREILS ET TECHNIQUES POUR PLACEMENT SOUTERRAIN D'UN OU PLUSIEURS ELEMENTS**

[72] CASSELL, RONALD L., US

[71] DOW AGROSCIENCES LLC, US

[85] 2015-01-12

[86] 2013-07-25 (PCT/US2013/051960)

[87] (WO2014/022181)

[30] US (61/677,591) 2012-07-31

[21] **2,878,948**
[13] A1

[51] **Int.Cl. H01M 4/88 (2006.01) D04H 1/4242 (2012.01) D04H 1/488 (2012.01) H01M 4/86 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **POROUS ELECTRODE SUBSTRATE, METHOD FOR MANUFACTURING SAME, MEMBRANE-ELECTRODE ASSEMBLY, AND SOLID POLYMER FUEL CELL**

[54] **SUBSTRAT D'ELECTRODE POREUX, PROCEDE DE FABRICATION DE CELUI-CI, ENSEMBLE MEMBRANE-ELECTRODE, ET PILE A COMBUSTIBLE A POLYMERE SOLIDE**

[72] SUMIOKA, KAZUHIRO, JP

[71] MITSUBISHI RAYON CO., LTD., JP

[85] 2015-01-12

[86] 2013-07-18 (PCT/JP2013/069518)

[87] (WO2014/014055)

[30] JP (2012-161362) 2012-07-20

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[21] **2,878,949**
[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04L 12/28 (2006.01)**
[25] EN
[54] **HOME NETWORK OF CONNECTED CONSUMER DEVICES**
[54] **RESEAU DOMESTIQUE DE DISPOSITIFS DE CONSOMMATEUR CONNECTES**
[72] APTE, RAJ B., US
[72] HASENOEHRL, ERICK JOHN, US
[72] PAULSON, CHRISTOPHER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-12
[86] 2013-07-17 (PCT/US2013/050826)
[87] (WO2014/014999)
[30] US (13/551,563) 2012-07-17

[21] **2,878,950**
[13] A1

[51] **Int.Cl. B64C 1/14 (2006.01)**
[25] EN
[54] **AEROSPACE INTELLIGENT WINDOW SYSTEM**
[54] **SYSTEME DE HUBLOT INTELLIGENT AEROSPATIAL**
[72] JIAO, YU, US
[72] DUARTE, NICOLAS, US
[72] STONE, MONROE A., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2015-01-12
[86] 2013-07-25 (PCT/US2013/052002)
[87] (WO2014/022188)
[30] US (61/678,315) 2012-08-01
[30] US (13/950,599) 2013-07-25

[21] **2,878,951**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE VAPEUR ELECTRONIQUE**
[72] LORD, CHRISTOPHER, GB
[71] NICOVENTURES HOLDING LIMITED, GB
[85] 2015-01-12
[86] 2013-07-15 (PCT/EP2013/064922)
[87] (WO2014/012894)
[30] GB (1212599.3) 2012-07-16

[21] **2,878,953**
[13] A1

[51] **Int.Cl. B63C 9/26 (2006.01) F41B 1/00 (2006.01) F41B 11/00 (2013.01) F41F 1/00 (2006.01) F42B 12/68 (2006.01)**
[25] EN
[54] **LINE DELIVERY APPARATUS**
[54] **APPAREIL DE POSE DE LIGNE**
[72] HIGHAM, ANTHONY JOHN, NZ
[72] SCHOLZ, KURT LAURENCE, NZ
[71] LINE LAUNCHER HOLDINGS LIMITED, NZ
[85] 2015-01-12
[86] 2013-05-30 (PCT/NZ2013/000090)
[87] (WO2013/180579)
[30] NZ (600319) 2012-05-30

[21] **2,878,954**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01)**
[25] EN
[54] **SALTS AND SOLID FORMS OF (S)-3-(4-((4-MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE AND COMPOSITIONS COMPRISING AND METHODS OF USING THE SAME**
[54] **SELS ET FORMES SOLIDES DE LA (S)-3-(4-((4-MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE ET DES COMPOSITIONS LES COMPRENANT ET SES PROCEDES D'UTILISATION**
[72] COHEN, BENJAMIN M., US
[72] TRAVERSE, JOHN F., US
[72] XU, JEAN, US
[72] LI, YING, US
[71] CELGENE CORPORAITON, US
[85] 2015-01-12
[86] 2013-08-08 (PCT/US2013/054064)
[87] (WO2014/025964)
[30] US (61/681,484) 2012-08-09

[21] **2,878,955**
[13] A1

[51] **Int.Cl. B66C 3/14 (2006.01) B66C 1/42 (2006.01)**
[25] EN
[54] **GRAB ARM HOUSING FOR GRAPPLE ATTACHMENT**
[54] **LOGEMENT DE BRAS DE PREHENSION POUR ACCESSOIRE GRAPPIN**
[72] LAVALLEY, JASON, US
[72] LARSON, DANIEL L., US
[72] KILDE, JESSE J., US
[72] BERG, TIM, US
[72] CRESS, DAVID, US
[72] JOHNSON, STUART, US
[72] MICHEL, MATTHEW J., US
[72] WURGLER, RODNEY, US
[71] LAVALLEY INDUSTRIES, LLC, US
[85] 2015-01-12
[86] 2013-07-26 (PCT/US2013/052186)
[87] (WO2014/018827)
[30] US (61/676,509) 2012-07-27

[21] **2,878,956**
[13] A1

[51] **Int.Cl. C08G 73/10 (2006.01) B01D 53/22 (2006.01) B01D 71/64 (2006.01) C08G 73/18 (2006.01) C08G 75/32 (2006.01)**
[25] EN
[54] **POLYMERS, POLYMER MEMBRANES AND METHODS OF PRODUCING THE SAME**
[54] **POLYMERES, MEMBRANES POLYMERES ET PROCEDES DE PRODUCTION DESDITS POLYMERES**
[72] ZHENG, SHIYING, US
[72] QUAY, JEFFREY RAYMOND, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2015-01-12
[86] 2013-08-02 (PCT/US2013/053344)
[87] (WO2014/022738)
[30] US (13/566,535) 2012-08-03

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[21] **2,878,957**
[13] A1

[51] **Int.Cl. G01N 21/03 (2006.01) G01N 21/05 (2006.01) G02B 21/08 (2006.01)**
[25] EN
[54] **IMAGE ANALYSIS AND MEASUREMENT OF BIOLOGICAL SAMPLES**
[54] **ANALYSE D'IMAGE ET MESURE D'ECHANTILLONS BIOLOGIQUES**
[72] PANGARKAR, CHINMAY, US
[72] MOHAN, KARAN, US
[72] WASSON, JAMES R., US
[71] THERANOS, INC., US
[85] 2015-01-09
[86] 2013-07-25 (PCT/US2013/052141)
[87] (WO2014/018805)
[30] US (61/675,811) 2012-07-25
[30] US (61/676,178) 2012-07-26
[30] US (61/766,116) 2013-02-18
[30] US (61/802,194) 2013-03-15

[21] **2,878,958**
[13] A1

[51] **Int.Cl. C09K 8/74 (2006.01) C09K 8/575 (2006.01)**
[25] EN
[54] **TREATMENT FLUIDS COMPRISING A STABILIZING COMPOUND HAVING QUATERNIZED AMINE GROUPS AND METHODS FOR USE THEREOF**
[54] **FLUIDES DE TRAITEMENT COMPORTANT UN COMPOSE DE STABILISATION AYANT DES GROUPES AMINE QUATERNAIRE ET LEURS PROCEDES D'UTILISATION**
[72] REYES, ENRIQUE A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-12
[86] 2013-08-12 (PCT/US2013/054511)
[87] (WO2014/028375)
[30] US (13/588,158) 2012-08-17

[21] **2,878,959**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION DEVICE**
[54] **DISPOSITIF DE FOURNITURE DE VAPEUR ELECTRONIQUE**
[72] LORD, CHRISTOPHER, GB
[71] NICOVENTURES HOLDING LIMITED, GB
[85] 2015-01-12
[86] 2013-07-15 (PCT/EP2013/064950)
[87] (WO2014/012905)
[30] GB (1212603.3) 2012-07-16

[21] **2,878,961**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROJECTING VIEWERSHIP DATA**
[54] **SYSTEMES ET PROCEDES DE PROJECTION DE DONNEES D'AUDIENCE**
[72] VINSON, MICHAEL, US
[72] GOERLICH, BRUCE, US
[72] YAZDANI, AMIR, US
[72] LOPER, MARIA, US
[71] RENTRAK CORPORATION, US
[85] 2015-01-12
[86] 2013-08-22 (PCT/US2013/056288)
[87] (WO2014/031910)
[30] US (61/691,924) 2012-08-22

[21] **2,878,962**
[13] A1

[51] **Int.Cl. C10G 33/04 (2006.01) B01D 17/04 (2006.01) C02F 1/56 (2006.01) C09K 8/36 (2006.01)**
[25] EN
[54] **N-VINYLPYRROLIDONE-BASED CATIONIC COPOLYMER FOR SEPARATING AN OIL-IN-WATER EMULSION**
[54] **COPOLYMERE CATIONIQUE A BASE DE N-VINYLPYRROLIDONE POUR SEPARER UNE EMULSION HUILE DANS L'EAU**
[72] YANJARAPPA, M. J., IN
[72] BOYER, CECILE, US
[72] HOYLES, STEPHEN M., US
[72] POINDEXTER, MICHAEL K., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-01-12
[86] 2013-07-30 (PCT/US2013/052698)
[87] (WO2014/022374)
[30] US (61/677,087) 2012-07-30

[21] **2,878,963**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/40 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRIVATE AND SECURE COLLECTION AND MANAGEMENT OF PERSONAL CONSUMER DATA**
[54] **SYSTEMES ET PROCEDES DE RECUEIL ET DE GESTION CONFIDENTIELS ET SECURISES DE DONNEES PERSONNELLES DE CONSOMMATEURS**
[72] LAFEVER, MALCOM GARY, US
[72] MYERSON, TED NATHAN, US
[71] ANONOS INC., US
[85] 2015-01-09
[86] 2013-07-26 (PCT/US2013/052159)
[87] (WO2014/018816)
[30] US (61/675,815) 2012-07-26
[30] US (13/764,773) 2013-02-11

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[21] **2,878,964**
[13] A1

[51] **Int.Cl. B01J 8/04 (2006.01) C07C 29/152 (2006.01) C07C 31/04 (2006.01)**

[25] EN

[54] **PROCESS AND REACTION SYSTEM FOR THE PREPARATION OF METHANOL**

[54] **PROCEDE ET SYSTEME DE REACTION POUR LA PREPARATION DE METHANOL**

[72] ALMQVIST, MARCUS, SE
[72] DUWIG, CHRISTOPHE, SE
[72] JUUL DAHL, PER, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2015-01-13
[86] 2012-11-19 (PCT/EP2012/072957)
[87] (WO2014/012601)
[30] DK (PA 2012 70439) 2012-07-18

[21] **2,878,965**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**

[25] EN

[54] **ADHESIVE DRESSING INTEGRATED PACKAGING**

[54] **EMBALLAGE INTEGRE DE PANSEMENT ADHESIF**

[72] REINHARDT, JEFFREY ANDREW, US
[72] YEH, JONATHAN, US
[72] PANIAN, TYLER DEVIN, US
[72] MANSOUR, GEORGE, US
[71] CAREFUSION 303, INC., US
[85] 2015-01-12
[86] 2013-07-31 (PCT/US2013/053055)
[87] (WO2014/025590)
[30] US (13/568,013) 2012-08-06

[21] **2,878,966**
[13] A1

[51] **Int.Cl. C07C 29/76 (2006.01) C07C 29/80 (2006.01) C07C 29/88 (2006.01) C10L 1/02 (2006.01) C10L 1/14 (2006.01) C10L 1/18 (2006.01) C10L 1/182 (2006.01) C10L 1/185 (2006.01) C10L 1/188 (2006.01)**

[25] EN

[54] **BUTANOL PURIFICATION**

[54] **PURIFICATION DE BUTANOL**

[72] DOBSON, IAN DAVID, GB
[72] HOGBEN, ANDREW JOHN, GB
[72] LUCY, ANDREW RICHARD, GB
[72] SUNLEY, JOHN GLENN, GB
[72] BOLTON, LESLIE WILLIAM, GB
[71] BUTAMAX ADVANCED BIOFUELS LLC, US
[85] 2015-01-09
[86] 2013-07-26 (PCT/US2013/052213)
[87] (WO2014/018837)
[30] US (61/676,005) 2012-07-26

[21] **2,878,967**
[13] A1

[51] **Int.Cl. A61B 17/84 (2006.01) A61B 17/64 (2006.01) A61B 17/86 (2006.01)**

[25] EN

[54] **ELONGATED PIN FOR AN EXTERNAL MODULAR FIXATION SYSTEM FOR TEMPORARY AND/OR PERMANENT FIXATION APPLICATIONS AND EXTERNAL MODULAR FIXATION SYSTEM**

[54] **BROCHE ALLONGEE POUR UN SYSTEME DE FIXATION MODULAIRE EXTERNE POUR DES APPLICATIONS DE FIXATION TEMPORAIRE ET/OU PERMANENTE ET SYSTEME DE FIXATION MODULAIRE EXTERNE**

[72] VENTURINI, DANIELE, IT
[71] ORTHOFIX S.R.L., IT
[85] 2015-01-13
[86] 2013-07-04 (PCT/EP2013/001965)
[87] (WO2014/015942)
[30] EP (12177909.4) 2012-07-25

[21] **2,878,970**
[13] A1

[51] **Int.Cl. H01R 13/24 (2006.01) H01R 24/50 (2011.01)**

[25] EN

[54] **CONTACT ELEMENT**

[54] **ELEMENT DE CONTACT**

[72] TATZEL, FRANK, AT
[72] SCHIELE, GEORG, DE
[72] THIES, STEFFEN, AT
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2015-01-13
[86] 2013-07-08 (PCT/EP2013/002008)
[87] (WO2014/015944)
[30] DE (20 2012 007 216.1) 2012-07-25

[21] **2,878,971**
[13] A1

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

[25] FR

[54] **METHOD FOR IDENTIFYING MOLECULAR MARKERS OF CHILDREN'S SKIN**

[54] **PROCEDE D'IDENTIFICATION DE MARQUEURS MOLECULAIRES DE LA PEAU D'ENFANT**

[72] MSIKA, PHILIPPE, FR
[72] BAUDOIN, CAROLINE, FR
[71] LABORATOIRES EXPANSCIENCE, FR
[85] 2015-01-12
[86] 2013-07-15 (PCT/EP2013/064926)
[87] (WO2014/009566)
[30] FR (1256766) 2012-07-13

[21] **2,878,972**
[13] A1

[51] **Int.Cl. A63F 1/00 (2006.01) G07F 17/32 (2006.01)**

[25] EN

[54] **CARD GAME WITH RAKE**

[54] **JEU DE CARTES UTILISANT UNE CAGNOTTE**

[72] FLAHERTY, PHILLIP, US
[71] CFPH, LLC, US
[85] 2015-01-12
[86] 2013-07-11 (PCT/US2013/050015)
[87] (WO2014/011834)
[30] US (61/670,763) 2012-07-12
[30] US (61/715,983) 2012-10-19

Demandes PCT entrant en phase nationale

[21] **2,878,973**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE VAPEUR ELECTRONIQUE**
[72] LORD, CHRISTOPHER, GB
[71] NICOVENTURES HOLDING LIMITED, GB
[85] 2015-01-12
[86] 2013-07-15 (PCT/EP2013/064952)
[87] (WO2014/012906)
[30] GB (1212606.6) 2012-07-16

[21] **2,878,974**
[13] A1

[51] **Int.Cl. F25B 5/02 (2006.01) B01D 53/26 (2006.01) F25B 41/06 (2006.01)**
[25] EN
[54] **COOLING CIRCUIT, DRY COOLING INSTALLATION AND METHOD FOR CONTROLLING THE COOLING CIRCUIT**
[54] **CIRCUIT DE REFROIDISSEMENT, INSTALLATION DE REFROIDISSEMENT A SEC ET PROCEDE DE COMMANDE DU CIRCUIT DE REFROIDISSEMENT**
[72] BALTUS, FRITS CORNELIS A., BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2015-01-13
[86] 2013-07-22 (PCT/BE2013/000039)
[87] (WO2014/019033)
[30] BE (2012/0528) 2012-08-03

[21] **2,878,975**
[13] A1

[51] **Int.Cl. H01S 5/183 (2006.01)**
[25] EN
[54] **AMPLIFIED WIDELY TUNABLE SHORT CAVITY LASER**
[54] **LASER A CAVITE COURTE LARGEMENT ACCORDABLE AMPLIFIE**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[71] PRAEVIUM RESEARCH, INC., US
[71] THORLABS, INC., US
[85] 2015-01-09
[86] 2013-07-26 (PCT/US2013/052411)
[87] (WO2014/018939)
[30] US (61/676,712) 2012-07-27

[21] **2,878,976**
[13] A1

[51] **Int.Cl. C09D 127/12 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01) C09D 129/10 (2006.01) F28F 13/18 (2006.01) F28F 19/02 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITE FOR PREPARING HEAT EXCHANGERS FOR CORROSIVE ENVIRONMENTS**
[54] **PROCEDE ET COMPOSITE DESTINES A PREPARER DES ECHANGEURS THERMIQUES POUR DES ENVIRONNEMENTS CORROSIFS**
[72] HE, YOU LIANG, CA
[72] LO, JASON SIN HIN, CA
[72] SANTOS, RAUL, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA
[85] 2015-01-13
[86] 2013-06-18 (PCT/CA2013/000580)
[87] (WO2014/012161)
[30] US (61/672,375) 2012-07-17

[21] **2,878,977**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION DEVICE**
[54] **ARTICLE ELECTRONIQUE POUR FUMEURS**
[72] LORD, CHRISTOPHER, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2015-01-12
[86] 2013-07-15 (PCT/EP2013/064953)
[87] (WO2014/012907)
[30] GB (1212608.2) 2012-07-16

[21] **2,878,978**
[13] A1

[51] **Int.Cl. F41A 17/38 (2006.01) F41A 35/06 (2006.01)**
[25] EN
[54] **MAGAZINE RELEASING/RETAINING MECHANISM FOR A FIREARM, AND BUTTSTOCK AND WEAPON RECEIVER FOR A FIREARM, IN EACH CASE EQUIPPED THEREWITH**
[54] **DISPOSITIF DE DEBLOCAGE/BLOCAGE DE CHARGEUR D'UNE ARME A FEU ET POIGNEE EQUIPEE DE CELUI-CI ET CARCASSE D'UNE ARME A FEU**
[72] FLUHR, NORBERT, DE
[72] KOHLER, DANIEL, DE
[71] HECKLER & KOCH GMBH, DE
[85] 2015-01-13
[86] 2013-09-27 (PCT/EP2013/002909)
[87] (WO2014/056580)
[30] DE (10 2012 019 911.2) 2012-10-11

[21] **2,878,979**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **PROCESSES AND COMPOSITIONS FOR METHYLATION-BASED ENRICHMENT OF FETAL NUCLEIC ACID FROM A MATERNAL SAMPLE USEFUL FOR NON-INVASIVE PRENATAL DIAGNOSES**
[54] **PROCEDES ET COMPOSITIONS POUR L'ENRICHISSEMENT BASE SUR LA METHYLATION D'UN ECHANTILLON MATERNEL EN ACIDE NUCLEIQUE FETAL, UTILES POUR LES DIAGNOSTICS PRENATALS NON INVASIFS**
[72] TYNAN, JOHN ALLEN, US
[72] HOGG, GRANT, US
[72] TANG, MENGJIA, US
[71] SEQUENOM, INC., US
[85] 2015-01-12
[86] 2013-07-11 (PCT/US2013/050145)
[87] (WO2014/011928)
[30] US (61/671,628) 2012-07-13
[30] US (61/721,929) 2012-11-02

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[21] **2,878,980**
[13] A1

[51] **Int.Cl. H04W 80/02 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **WIRELESS NETWORK SERVICE TRANSACTION PROTOCOL**
[54] **PROTOCOLE DE TRANSACTION DE SERVICE DE RESEAU SANS FIL**
[72] MCCANN, STEPHEN, GB
[72] MONTEMURRO, MICHAEL PETER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2015-01-13
[86] 2013-07-11 (PCT/CA2013/050540)
[87] (WO2014/008605)
[30] US (13/548,864) 2012-07-13

[21] **2,878,981**
[13] A1

[51] **Int.Cl. B61F 5/50 (2006.01)**
[25] EN
[54] **TRANSOM FOR A RAILWAY CAR TRUCK**
[54] **TRAVERSE POUR UN BOGIE DE VEHICULE FERROVIAIRE**
[72] BERG, THOMAS, US
[72] CURRIER, GEORGE, US
[72] HIXON, LARRY, US
[72] MCGARVEY, KEVIN, US
[72] REILING, JASON, US
[71] STRATO, INC., US
[85] 2015-01-09
[86] 2013-08-01 (PCT/US2013/053147)
[87] (WO2014/035593)
[30] US (13/600,560) 2012-08-31

[21] **2,878,982**
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **TRANSPPOSITION-MEDIATED IDENTIFICATION OF SPECIFIC BINDING OR FUNCTIONAL PROTEINS**
[54] **IDENTIFICATION MEDIEE PAR TRANSPPOSITION D'UNE LIAISON SPECIFIQUE OU DE PROTEINES FONCTIONNELLES**
[72] GRAWUNDER, ULF, CH
[71] NBE-THERAPEUTICS LLC, CH
[85] 2015-01-12
[86] 2013-07-18 (PCT/EP2013/065214)
[87] (WO2014/013026)
[30] US (61/673,144) 2012-07-18
[30] EP (12178529.9) 2012-07-30

[21] **2,878,983**
[13] A1

[51] **Int.Cl. C07C 319/18 (2006.01)**
[25] EN
[54] **THIOETHERIFICATION OF MERCAPTANES IN C4 HYDROCARBON MIXTURES**
[54] **THIO-ETHERIFICATION DE MERCAPTANS DANS DES MELANGES D'HYDROCARBURES EN C4**
[72] PEITZ, STEPHAN, DE
[72] WINTERBERG, MARKUS, DE
[72] MASCHMEYER, DIETRICH, DE
[72] GEILEN, FRANK, DE
[72] BUKOHL, REINER, DE
[72] SCHALLENBERG, JORG, DE
[72] RIX, ARMIN, DE
[72] WOLFF, ANDREAS, DE
[72] LEIPOLD, MATTHIAS, DE
[71] EVONIK INDUSTRIES AG, DE
[85] 2015-01-13
[86] 2013-06-25 (PCT/EP2013/063300)
[87] (WO2014/009148)
[30] DE (102012212317.2) 2012-07-13

[21] **2,878,985**
[13] A1

[51] **Int.Cl. F16D 41/06 (2006.01)**
[25] EN
[54] **CONICAL SURFACE FRICTION TYPE OVERRUNNING CLUTCH**
[54] **EMBRAYAGE A ROUE LIBRE DU TYPE A FRICTION A SURFACE CONIQUE**
[72] LUO, JUN, CN
[71] CHONGQING DYNRUN MACHINERY CO., LTD., CN
[85] 2015-01-13
[86] 2013-06-13 (PCT/CN2013/077149)
[87] (WO2014/015719)
[30] CN (201210263358.4) 2012-07-27

[21] **2,878,986**
[13] A1

[51] **Int.Cl. F16L 5/04 (2006.01)**
[25] EN
[54] **CABLE FEEDTHROUGH**
[54] **PASSAGES POUR LIGNE**
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2015-01-12
[86] 2013-07-23 (PCT/EP2013/065479)
[87] (WO2014/016278)
[30] DE (10 2012 213 107.8) 2012-07-26

[21] **2,878,987**
[13] A1

[51] **Int.Cl. A61K 31/4375 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF VEGFR-3 INHIBITORS FOR TREATING HEPATOCELLULAR CARCINOMA**
[54] **UTILISATION D'INHIBITEURS DE VEGFR-3 DESTINES AU TRAITEMENT DU CARCINOME HEPATOCELLULAIRE**
[72] ALAM, ANTOINE, FR
[72] BLANC, ISABELLE, FR
[71] SANOFI, FR
[85] 2015-01-13
[86] 2013-07-16 (PCT/EP2013/065029)
[87] (WO2014/012942)
[30] EP (12305866.1) 2012-07-17
[30] US (61/672,489) 2012-07-17

[21] **2,878,988**
[13] A1

[51] **Int.Cl. C12P 19/02 (2006.01) A21D 8/04 (2006.01) A23L 1/105 (2006.01) A23L 1/186 (2006.01) C11D 3/386 (2006.01) C12C 11/00 (2006.01) C12N 9/30 (2006.01) C12N 9/44 (2006.01) C12P 7/06 (2006.01) C12P 19/14 (2006.01) D06M 16/00 (2006.01)**
[25] EN
[54] **METHOD OF USING ALPHA-AMYLASE FROM ASPERGILLUS CLAVATUS AND PULLULANASE FOR SACCHARIFICATION**
[54] **PROCEDE D'UTILISATION D'ALPHA-AMYLASE PROVENANT D'ASPERGILLUS CLAVATUS ET DE PULLULANASE EN VUE D'UNE SACCHARIFICATION**
[72] VAN BRUSSEL-ZWIJNEN, MARCO, US
[72] HUITINK, JACQUELYN, A., US
[72] SCHEFFERS, MARTIJN, SILVAN, US
[72] TEUNISSEN, PAULA, JOHANNA, MARIA, US
[72] VROEMEN, CASPER, US
[71] DANISCO US INC., US
[85] 2015-01-09
[86] 2013-08-13 (PCT/US2013/054642)
[87] (WO2014/028434)
[30] US (61/683,960) 2012-08-16

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[21] **2,878,989**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01)**

[25] EN
[54] **COMPOUNDS FOR TARGETED IMMUNOTHERAPY**
[54] **COMPOSES POUR IMMUNOTHERAPIE CIBLEE**

[72] LI, LIXIN, CN
[71] SHANGHAI BIRDIE BIOTECH, INC., CN
[85] 2015-01-13
[86] 2013-07-16 (PCT/CN2013/079441)
[87] (WO2014/012479)
[30] CN (201210248481.9) 2012-07-18

[21] **2,878,990**
[13] A1

[51] **Int.Cl. B61F 5/30 (2006.01)**

[25] EN
[54] **WHEELSET FOR A RAILWAY CAR TRUCK**
[54] **ESSIEU MONTE POUR UN BOGIE DE VEHICULE FERROVIAIRE**

[72] BERG, THOMAS, US
[72] CURRIER, GEORGE, US
[72] HIXON, LARRY, US
[72] MCGARVEY, KEVIN, US
[72] REILING, JASON, US
[71] STRATO, INC., US
[85] 2015-01-09
[86] 2013-08-30 (PCT/US2013/057452)
[87] (WO2014/036365)
[30] US (13/600,693) 2012-08-31

[21] **2,878,991**
[13] A1

[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01) C12N 1/15 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01)**

[25] EN
[54] **GLUCAGON ANALOGUES**
[54] **ANALOGUES DU GLUCAGON**

[72] RIBER, DITTE, DK
[72] GIEHM, LISE, DK
[71] ZEALAND PHARMA A/S, DK
[85] 2015-01-12
[86] 2013-07-23 (PCT/EP2013/065519)
[87] (WO2014/016300)
[30] US (61/674,706) 2012-07-23
[30] US (61/785,611) 2013-03-14
[30] DK (PA 2013 00360) 2013-06-14

[21] **2,878,992**
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01) C12N 15/62 (2006.01)**

[25] EN
[54] **COMPOSITION COMPRISING A MIXTURE OF CD95-FC ISOFORMS**
[54] **COMPOSITION COMPORTANT UN MELANGE D'ISOFORMES DE CD95-FC**

[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[71] APOGENIX GMBH, DE
[85] 2015-01-13
[86] 2013-07-18 (PCT/EP2013/065250)
[87] (WO2014/013039)
[30] EP (12176978.0) 2012-07-18
[30] EP (12176980.6) 2012-07-18

[21] **2,878,993**
[13] A1

[51] **Int.Cl. H02J 3/16 (2006.01) F03D 9/00 (2006.01) H02J 3/26 (2006.01) H02J 3/38 (2006.01)**

[25] EN
[54] **METHOD FOR CONTROLLING A WIND PARK**
[54] **PROCEDE DE COMMANDE D'UN PARC EOLIEN**

[72] DIEDRICHS, VOLKER, DE
[71] WOBEN PROPERTIES GMBH, DE
[85] 2015-01-13
[86] 2013-07-02 (PCT/EP2013/063974)
[87] (WO2014/012789)
[30] DE (10 2012 212 777.1) 2012-07-20

[21] **2,878,994**
[13] A1

[51] **Int.Cl. A61G 7/057 (2006.01) A47C 27/10 (2006.01) A61G 7/015 (2006.01) A61G 7/018 (2006.01)**

[25] EN
[54] **PATIENT SUPPORT**
[54] **SUPPORT DE PATIENT**

[72] LAFFLECHE, PATRICK, US
[72] CATE, CHRISTOPHER, US
[72] ZEILINGER, TODD, US
[72] PILCHNER, KENT, US
[72] PETERS, STEPHEN F., US
[72] BRUBAKER, MIKE, US
[72] SESHADINATHAN, MANIKANTAN, US
[72] DUNLAP, DAVID ALLEN, US
[72] ROSS, RYAN, US
[72] MARTEL, BENOIT, US
[71] STRYKER CORPORATION, US
[85] 2015-01-09
[86] 2013-09-05 (PCT/US2013/058235)
[87] (WO2014/039661)
[30] US (61/697,010) 2012-09-05
[30] US (61/837,067) 2013-06-19

[21] **2,878,995**
[13] A1

[51] **Int.Cl. C08J 5/12 (2006.01) B32B 7/12 (2006.01) B32B 27/12 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01) B32B 37/04 (2006.01)**

[25] EN
[54] **ADHESION METHOD USING THIN ADHESIVE LAYERS**
[54] **PROCEDE POUR COLLER AVEC DES COUCHES DE COLLE MINCES**

[72] KINZELMANN, HANS-GEORG, DE
[72] GIERLINGS, MICHAEL, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2015-01-13
[86] 2013-07-23 (PCT/EP2013/065492)
[87] (WO2014/019891)
[30] DE (10 2012 213 397.6) 2012-07-31

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[21] **2,878,996**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR TRACKING GAMING ACTIVITY**
[54] **PROCEDE ET SYSTEME DE SUIVI D'ACTIVITE DE JEU**
[72] CZUBAK, ROMAN, AT
[71] NOVOMATIC AG, AT
[85] 2015-01-13
[86] 2013-08-05 (PCT/EP2013/066403)
[87] (WO2014/023696)
[30] EP (12179616.3) 2012-08-08
[30] US (13/590,638) 2012-08-21

[21] **2,878,997**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01) C12N 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR POLYCLONAL STIMULATION OF T CELLS BY MOBILE NANOMATRICES**
[54] **PROCEDE POUR LA STIMULATION POLYCLONALE DE LYMPHOCYTES T PAR MATRICES NANOMETRIQUES MOBILES**
[72] SCHEFFOLD, ALEXANDER, DE
[72] ASSENMACHER, MARIO, DE
[71] MILTENYI BIOTEC GMBH, DE
[85] 2015-01-12
[86] 2013-09-24 (PCT/EP2013/069854)
[87] (WO2014/048920)
[30] EP (12185939.1) 2012-09-25

[21] **2,878,998**
[13] A1

[51] **Int.Cl. C08F 2/00 (2006.01) C08F 4/654 (2006.01) C08F 10/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF POLYPROPYLENE WITH IMPROVED PRODUCTIVITY**
[54] **PROCEDE POUR LA PREPARATION DE POLYPROPYLENE A PRODUCTIVITE AMELIOREE**
[72] NEISSL, WOLFGANG, AT
[72] GLOGER, DIETRICH, AT
[72] HORILL, THOMAS, AT
[72] SANDHOLZER, MARTINA, AT
[72] POTTER, GREGORY, AT
[71] BOREALIS AG, AT
[85] 2015-01-13
[86] 2013-07-30 (PCT/EP2013/065945)
[87] (WO2014/023604)
[30] EP (12179546.2) 2012-08-07

[21] **2,878,999**
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01)**
[25] EN
[54] **CFRP RESISTIVE SHEET HEATING**
[54] **CHAUFFAGE DE PALE PAR RESISTANCE CFK**
[72] CLEMENS, CHRISTIAN, DE
[71] WOBLEN PROPERTIES GMBH, DE
[85] 2015-01-13
[86] 2013-08-06 (PCT/EP2013/066487)
[87] (WO2014/023734)
[30] DE (10 2012 015 540.9) 2012-08-06
[30] DE (10 2013 210 205.4) 2013-05-31

[21] **2,879,000**
[13] A1

[51] **Int.Cl. B67B 6/00 (2009.01)**
[25] EN
[54] **MULTI-PORTION REMOVABLE COVER APPARATUS AND RELATED METHODS**
[54] **APPAREIL DU TYPE COUVERCLE AMOVIBLE A PARTIES MULTIPLES ET PROCEDES ASSOCIES**
[72] GAYER, MARK, US
[71] GAYER, MARK, US
[85] 2015-01-12
[86] 2013-07-11 (PCT/US2013/050162)
[87] (WO2014/011938)
[30] US (61/670,433) 2012-07-11

[21] **2,879,001**
[13] A1

[51] **Int.Cl. F01K 13/00 (2006.01) F01K 13/02 (2006.01) F22B 35/00 (2006.01) F25J 3/04 (2006.01)**
[25] EN
[54] **ENERGY STORAGE TECHNOLOGY FOR DEMANDED SUPPLY OPTIMISATION**
[54] **TECHNOLOGIE DE STOCKAGE D'ENERGIE POUR UNE OPTIMISATION D'ALIMENTATION DEMANDEE**
[72] KUCZYNSKI, KONRAD JERZY, GB
[72] SPALDING, DOUGLAS JOHN, GB
[71] DOOSAN BABCOCK LIMITED, GB
[85] 2015-01-13
[86] 2012-09-18 (PCT/GB2012/052300)
[87] (WO2013/041848)
[30] GB (1116157.7) 2011-09-19

[21] **2,879,002**
[13] A1

[51] **Int.Cl. A47G 21/18 (2006.01)**
[25] EN
[54] **DEVICE FOR SUCKING UP BEVERAGES**
[54] **DISPOSITIF POUR ASPIRER DES BOISSONS**
[72] DOMMARCO LINDENTHAL-BREIER, ALVARO IGNACIO, DE
[71] DOMMARCO LINDENTHAL-BREIER, ALVARO IGNACIO, DE
[85] 2015-01-12
[86] 2013-07-08 (PCT/ES2013/070485)
[87] (WO2014/009582)
[30] ES (P201231091) 2012-07-12
[30] ES (P201231731) 2012-11-12

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[21] **2,879,003**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/155 (2006.01) A61K 31/522 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **STABLE PHARMACEUTICAL COMPOSITION CONTAINING 8-[(3R)-3-AMINO-1-PIPERIDINYL]-7-(2-BUTYN-1-YL)-3,7-DIHYDRO-3-METHYL-1-[(4-METHYL-2-QUINAZOLINYL)METHYL]-1H-PURINE-2,6-DIONE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**

[54] **COMPOSITION PHARMACEUTIQUE STABLE CONTENANT DE LA 8-[(3R)-3-AMINO-1-PIPERIDINYL]-7-(2-BUTYN-1-YL)-3,7-DIHYDRO-3-METHYL-1-[(4-METHYL-2-QUINAZOLINYL)METHYL]-1H-PURINE-2,6-DIONE OU UN SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELLE-CI**

[72] SCHWARZ, FRANZ X., AT
[72] ANKER, GEORG, AT
[72] BACHER, JOHANN, AT
[72] HOTTER, ANDREAS, AT
[71] SANDOZ AG, CH
[85] 2015-01-13
[86] 2013-08-12 (PCT/EP2013/066777)
[87] (WO2014/026939)
[30] EP (12180257.3) 2012-08-13

[21] **2,879,005**
[13] A1

[51] **Int.Cl. B21J 5/08 (2006.01) B21J 9/08 (2006.01) B21K 1/38 (2006.01)**

[25] EN

[54] **MANUFACTURE OF WHEELS**

[54] **FABRICATION DE ROUES**

[72] EGSGAARD, EIGIL, DK
[71] GKN LAND SYSTEMS LIMITED, GB
[85] 2015-01-13
[86] 2013-07-02 (PCT/GB2013/051750)
[87] (WO2014/009695)
[30] GB (1212523.3) 2012-07-13

[21] **2,879,006**
[13] A1

[51] **Int.Cl. F25D 7/00 (2006.01)**

[25] EN

[54] **DISPENSING OF FOOD AND BEVERAGE PRODUCTS**

[54] **DISTRIBUTION DE PRODUITS ALIMENTAIRES ET DE BOISSON**

[72] THORMAN, WILLIAM, GB
[71] MONDELEZ UK R&D LIMITED, GB
[85] 2015-01-13
[86] 2013-08-06 (PCT/GB2013/052100)
[87] (WO2014/033431)
[30] GB (1215459.7) 2012-08-30

[21] **2,879,008**
[13] A1

[51] **Int.Cl. G01N 27/72 (2006.01) A61B 5/055 (2006.01) G01N 24/08 (2006.01) G01R 33/465 (2006.01)**

[25] EN

[54] **MINIATURIZED MOLECULAR INTERROGATION AND DATA SYSTEM**

[54] **SYSTEME DE DONNEES ET D'INTERROGATION MOLECULAIRE MINIATURISE**

[72] BUTTERS, BENNETT M., US
[72] BUTTERS, JOHN T., US
[71] NATIVIS, INC., US
[85] 2015-01-12
[86] 2013-07-11 (PCT/US2013/050165)
[87] (WO2014/011940)
[30] US (61/670,566) 2012-07-11

[21] **2,879,009**
[13] A1

[51] **Int.Cl. B65D 75/56 (2006.01) B65D 75/58 (2006.01)**

[25] EN

[54] **SEALED PACKAGE**

[54] **EMBALLAGE FERME HERMETIQUEMENT**

[72] ANDREWS, RICHARD, GB
[71] KRAFT FOODS R & D, INC., US
[85] 2015-01-13
[86] 2013-09-19 (PCT/GB2013/052453)
[87] (WO2014/049336)
[30] GB (1217102.1) 2012-09-25

[21] **2,879,011**
[13] A1

[51] **Int.Cl. A61K 8/365 (2006.01) A61K 8/04 (2006.01) A61K 8/73 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **HYALURONIC ACID FORMULATION CONTAINING PYRUVATE**

[54] **FORMULATION D'ACIDE HYALURONIQUE CONTENANT DU PYRUVATE**

[72] PIERRE, SEBASTIEN, FR
[71] ALLERGAN INDUSTRIE, SAS, FR
[85] 2015-01-13
[86] 2012-07-18 (PCT/IB2012/001525)
[87] (WO2014/013286)

[21] **2,879,012**
[13] A1

[51] **Int.Cl. G21F 5/14 (2006.01) B66C 1/14 (2006.01) B66C 1/66 (2006.01) B66C 19/02 (2006.01) G21C 19/32 (2006.01)**

[25] EN

[54] **CASK TRANSPORT ASSEMBLY**

[54] **ENSEMBLE DE TRANSPORT DE TONNEAU**

[72] COOGAN, STEVEN, US
[72] WAEDEKIN, MICHAEL, US
[72] YUSTUS, JOSEPH A., US
[71] KONECRANES PLC, FI
[85] 2015-01-13
[86] 2013-07-12 (PCT/IB2013/001522)
[87] (WO2014/009801)
[30] US (61/671,507) 2012-07-13

[21] **2,879,013**
[13] A1

[51] **Int.Cl. A47J 31/46 (2006.01)**

[25] EN

[54] **BEVERAGE PREPARATION MACHINES**

[54] **MACHINES DE PREPARATION DE BOISSON**

[72] HANSEN, NICHOLAS, GB
[72] NORTON, MARK, GB
[71] KRAFT FOODS R & D, INC., US
[85] 2015-01-13
[86] 2013-07-18 (PCT/IB2013/001661)
[87] (WO2014/027235)
[30] GB (1214433.3) 2012-08-13

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[21] **2,879,014**
[13] A1

[51] **Int.Cl. A61K 35/74 (2015.01) A61K 8/73 (2006.01) A61K 31/7024 (2006.01) A61K 36/00 (2006.01) A61K 36/03 (2006.01) A61K 36/886 (2006.01) A61P 1/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR A MEDICAL DEVICE COMPRISING EXOPOLYSACCHARIDE-PRODUCING BACTERIAL STRAINS IN ASSOCIATION WITH GUMS AND/OR GELATINES**

[54] **COMPOSITIONS POUR UN DISPOSITIF MEDICAL COMPRENANT DES SOUCHES BACTERIENNES PRODUCTRICES D'EXOPOLYSACCHARIDE EN ASSOCIATION AVEC DES GOMMES ET/OU DES GELATINES**

[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2015-01-13
[86] 2013-07-30 (PCT/IB2013/001668)
[87] (WO2014/020408)
[30] IT (MI2012A001328) 2012-07-30

[21] **2,879,016**
[13] A1

[51] **Int.Cl. C08K 3/04 (2006.01) B32B 11/04 (2006.01) B32B 11/10 (2006.01) C08L 95/00 (2006.01) E04D 5/00 (2006.01)**

[25] EN

[54] **ASPHALTIC SHEET MATERIALS INCLUDING EXPANDABLE GRAPHITE**

[54] **MATERIAUX EN FEUILLE ASPHALTIQUE COMPRENANT DU GRAPHITE EXPANSIBLE**

[72] ZHOU, WENSHENG, US
[72] KIRK, DONALD, US
[72] YOUNG, JAMES, US
[72] ANDERSON, ROBERT, US
[72] STANDEFORD, JOSEPH, US
[72] BLACK, LANCE, US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2015-01-12
[86] 2013-07-12 (PCT/US2013/050251)
[87] (WO2014/011977)
[30] US (61/670,864) 2012-07-12
[30] US (61/684,180) 2012-08-17
[30] US (61/694,435) 2012-08-29
[30] US (13/804,202) 2013-03-14

[21] **2,879,017**
[13] A1

[51] **Int.Cl. B65D 85/10 (2006.01)**

[25] EN

[54] **CIGARETTE PACKET**

[54] **PAQUET DE CIGARETTE**

[72] MARCHITTO, GIUSEPPE, IT
[72] D'ALFONSO, LORENA, IT
[72] NEGRINI, STEFANO, IT
[71] G.D S.P.A., IT
[85] 2015-01-13
[86] 2013-07-16 (PCT/IB2013/055848)
[87] (WO2014/013436)
[30] IT (BO2012A000390) 2012-07-20

[21] **2,879,018**
[13] A1

[51] **Int.Cl. C40B 40/06 (2006.01)**

[25] EN

[54] **DNA-ENCODED LIBRARIES HAVING ENCODING OLIGONUCLEOTIDE LINKAGES NOT READABLE BY POLYMERASES**

[54] **BANQUES ENCODEES PAR L'ADN POSSEDANT DES LIAISONS OLIGONUCLEOTIDIQUES CODANTES NE POUVANT ETRE LUES PAR LES POLYMERASES**

[72] KEEFE, ANTHONY D., US
[72] LITOVCHICK, ALEXANDER, US
[72] CLARK, MATTHEW A., US
[71] X-CHEM, INC., US
[85] 2015-01-12
[86] 2013-07-12 (PCT/US2013/050303)
[87] (WO2014/012010)
[30] US (61/671,406) 2012-07-13

[21] **2,879,019**
[13] A1

[51] **Int.Cl. A61K 38/07 (2006.01) A61P 7/00 (2006.01) G01N 1/00 (2006.01)**

[25] EN

[54] **GLUTATHIONE-ELEVATING COMPOSITIONS AND USES THEREOF**

[54] **COMPOSITIONS ELEVANT LE TAUX DE GLUTATHION ET LEURS UTILISATIONS**

[72] MOGRABI, JOSEF, IL
[71] ONEDAY - BIOTECH AND PHARMA LTD., IL
[85] 2015-01-13
[86] 2013-07-22 (PCT/IL2013/050623)
[87] (WO2014/016831)
[30] US (61/674,403) 2012-07-23

[21] **2,879,020**
[13] A1

[51] **Int.Cl. A61K 31/55 (2006.01) A61P 25/14 (2006.01)**

[25] EN

[54] **FUSED BENZAZEPINES FOR TREATMENT OF TOURETTE'S SYNDROME**

[54] **BENZAZEPINES CONDENSEES POUR LE TRAITEMENT DU SYNDROME DE LA TOURETTE**

[72] CHIPKIN, RICHARD E., US
[72] KWAN, RUDOLF, US
[71] PSYADON PHARMACEUTICALS, INC., US
[85] 2015-01-12
[86] 2013-07-12 (PCT/US2013/050337)
[87] (WO2014/012034)
[30] US (61/671,044) 2012-07-12

[21] **2,879,021**
[13] A1

[51] **Int.Cl. G03B 17/56 (2006.01) G02B 27/22 (2006.01) G03B 35/10 (2006.01)**

[25] EN

[54] **VARIABLE 3-DIMENSIONAL ADAPTOR ASSEMBLY FOR CAMERA**

[54] **ENSEMBLE ADAPTATEUR TRIDIMENSIONNEL VARIABLE POUR APPAREIL PHOTOGRAPHIQUE**

[72] MIRLAY, RAM SRIKANTH, IN
[71] MIRLAY, RAM SRIKANTH, IN
[85] 2015-01-13
[86] 2013-07-11 (PCT/IN2013/000429)
[87] (WO2014/009974)
[30] IN (2845/CHE/2012) 2012-07-13

[21] **2,879,022**
[13] A1

[51] **Int.Cl. B64D 11/02 (2006.01) B64D 11/06 (2006.01)**

[25] EN

[54] **SPACE EFFICIENT LAVATORY MODULE FOR COMMERCIAL AIRCRAFT**

[54] **MODULE DE TOILETTES COMPACT POUR AVION COMMERCIAL**

[72] HAWKINS, AARON, US
[72] BRAUER, ROBERT K., US
[72] KINNIER, ED, US
[72] PIRIE, CHRISTOPHER I., US
[71] B/E AEROSPACE, INC., US
[85] 2015-01-12
[86] 2013-07-12 (PCT/US2013/050342)
[87] (WO2014/014780)
[30] US (13/551,397) 2012-07-17

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[21] **2,879,023**
[13] A1

[51] **Int.Cl. C07D 207/08 (2006.01) C07B 53/00 (2006.01) C07F 7/10 (2006.01) C07H 21/04 (2006.01) C07H 23/00 (2006.01)**

[25] EN

[54] **ASYMMETRIC AUXILIARY GROUP**

[54] **GROUPE AUXILIAIRE ASYMETRIQUE**

[72] SHIMIZU, MAMORU, JP

[72] WADA, TAKESHI, JP

[71] WAVE LIFE SCIENCES JAPAN, JP

[85] 2015-01-13

[86] 2013-07-12 (PCT/JP2013/004303)

[87] (WO2014/010250)

[30] US (61/671,652) 2012-07-13

[21] **2,879,024**
[13] A1

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

[25] EN

[54] **PERSONALIZED CANCER VACCINES AND ADOPTIVE IMMUNE CELL THERAPIES**

[54] **VACCINS ANTICANCEREUX PERSONNALISES ET THERAPIES CELLULAIRES IMMUNITAIRES ADOPTIVES**

[72] VITIELLO, MARIA ANTONIA, US

[71] PERSIMMUNE, INC., US

[85] 2015-01-12

[86] 2013-07-12 (PCT/US2013/050362)

[87] (WO2014/012051)

[30] US (61/670,931) 2012-07-12

[21] **2,879,025**
[13] A1

[51] **Int.Cl. B32B 5/12 (2006.01) B29B 15/08 (2006.01) B32B 5/28 (2006.01)**

[25] EN

[54] **STITCHED CARBON FIBER BASE MATERIAL AND WET PREPREG USING SAME**

[54] **MATIERE DE BASE DE FIBRES DE CARBONE COUSUES ET PREIMPREGNE HUMIDE L'UTILISANT**

[72] TSUCHIYA, YOSHINOBU, JP

[72] KASAKAWA, HIDETOSHI, JP

[72] MURATA, MASAHIKO, JP

[72] SHIGENARI, YU, JP

[72] SATOH, HIROYUKI, JP

[71] IHI AEROSPACE CO., LTD., JP

[71] IHI CORPORATION, JP

[85] 2015-01-13

[86] 2013-07-18 (PCT/JP2013/004386)

[87] (WO2014/013737)

[30] JP (2012-160930) 2012-07-19

[21] **2,879,028**
[13] A1

[51] **Int.Cl. B64D 11/00 (2006.01) B62B 3/02 (2006.01)**

[25] EN

[54] **MEAL CART FOR AN AIRCRAFT GALLEY**

[54] **CHARIOT-REPAS POUR OFFICE D'AERONEF**

[72] BURD, PETER JOHN LESLIE, GB

[71] B/E AEROSPACE, INC., US

[85] 2015-01-12

[86] 2013-07-12 (PCT/US2013/050370)

[87] (WO2014/014784)

[30] US (13/554,172) 2012-07-20

[21] **2,879,046**
[13] A1

[51] **Int.Cl. E21B 10/62 (2006.01) E21B 10/43 (2006.01)**

[25] EN

[54] **ROTARY DRILL BITS WITH BACK-UP CUTTING ELEMENTS TO OPTIMIZE BIT LIFE**

[54] **TREPANS DE FORAGE ROTATIFS AVEC ELEMENTS DE COUPE DE SECOURS POUR OPTIMISER UNE DUREE DE VIE DE TREPAN**

[72] CHEN, SHILIN, US

[72] LEFORT, GUY, US

[72] ARFELE, ROBERT W., US

[72] ASHBY, JAMES R., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-13

[86] 2012-09-05 (PCT/US2012/053761)

[87] (WO2014/011197)

[30] US (61/671,579) 2012-07-13

[21] **2,879,047**
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR USING A DOWNLOADABLE AGENT FOR A COMMUNICATION SYSTEM, DEVICE, OR LINK**

[54] **PROCEDE ET SYSTEME POUR UTILISER UN AGENT TELECHARGEABLE POUR UN SYSTEME, UN DISPOSITIF OU UNE LIAISON DE COMMUNICATION**

[72] DAGUM, LEONARDO, US

[72] BEDNARZ, PHILIP, US

[72] GOLDBURG, MARC, US

[72] TEHRANI, ARDAVAN MALEKI, US

[72] RHEE, WONJONG, US

[71] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC., US

[85] 2015-01-13

[86] 2012-09-25 (PCT/US2012/057152)

[87] (WO2014/011200)

[30] US (61/671,672) 2012-07-13

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[21] **2,879,048**
[13] A1

[51] **Int.Cl. G08B 21/08 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **SHOCK DETECTORS**
[54] **DETECTEURS DE CHOC**
[72] KING, L. HERBERT, JR., US
[72] KEEVEN, JAMES, US
[72] MCKINNEY, JUSTIN, US
[72] BURNS, NATHAN C., US
[72] VLASATY, FRANK, US
[71] THE PATENT STORE LLC, US
[85] 2015-01-13
[86] 2013-08-26 (PCT/US2013/000194)
[87] (WO2014/035459)
[30] US (61/743,184) 2012-08-28

[21] **2,879,049**
[13] A1

[51] **Int.Cl. A61K 31/277 (2006.01) A61K 31/167 (2006.01) A61P 5/26 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07C 235/24 (2006.01) C07C 255/60 (2006.01)**
[25] EN
[54] **A METHOD OF TREATING ANDROGEN RECEPTOR (AR)-POSITIVE BREAST CANCERS WITH SELECTIVE ANDROGEN RECEPTOR MODULATOR (SARMS)**
[54] **METHODE DE TRAITEMENT DU CANCER DU SEIN POSITIF AUX RECEPTEURS ANDROGENES (AR+) AVEC MODULATEUR SELECTIF DES RECEPTEURS ANDROGENES (SARM)**
[72] DALTON, JAMES T., US
[72] STEINER, MITCHELL S., US
[72] NARAYANAN, RAMESH, US
[72] AHN, SUNJOO, US
[71] GTX, INC., US
[85] 2015-01-13
[86] 2013-03-07 (PCT/US2013/029667)
[87] (WO2014/011220)
[30] US (61/671,366) 2012-07-13
[30] US (61/726,274) 2012-11-14

[21] **2,879,050**
[13] A1

[51] **Int.Cl. E03C 1/046 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE HAND WASHING STATION**
[54] **POSTE DE LAVAGE DES MAINS A USAGES MULTIPLES**
[72] FIGURSKI, MARK A., US
[72] RUNDBERG, MICHELLE L., US
[72] LOBERGER, JOHN M., US
[72] MCCALLUM, TERRY LEE, US
[72] GALLMANN, DALE WILLIAM, US
[72] RENNER, JASON M., US
[72] JAWORSKI, JEFFERY S., US
[72] DHEIN, THEODORE E., US
[71] BRADLEY FIXTURES CORPORATION, US
[85] 2015-01-13
[86] 2013-03-14 (PCT/US2013/031162)
[87] (WO2014/031159)
[30] US (61/692,982) 2012-08-24

[21] **2,879,051**
[13] A1

[51] **Int.Cl. C09D 5/18 (2006.01)**
[25] EN
[54] **FLAME RESISTANT COMPOSITE STRUCTURE**
[54] **STRUCTURE COMPOSITE IGNIFUGE**
[72] LOY, TERRY D., US
[71] MOMENTIVE SPECIALTY CHEMICALS INC., US
[85] 2015-01-13
[86] 2013-07-10 (PCT/US2013/049955)
[87] (WO2014/014723)
[30] US (61/672,601) 2012-07-17
[30] US (13/938,855) 2013-07-10

[21] **2,879,052**
[13] A1

[51] **Int.Cl. F01D 21/04 (2006.01) B29C 70/24 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A TURBOMACHINE CASING AND ASSOCIATED CASING**
[54] **PROCEDE DE FABRICATION D'UN CARTER DE TURBOMACHINE DANS UN MATERIAU COMPOSITE ET CARTER ASSOCIE**
[72] CORRADINI, SYLVAIN, FR
[72] ELISSEEFF, TIMOTHEE, FR
[71] SNECMA, FR
[85] 2015-01-13
[86] 2013-07-08 (PCT/FR2013/051626)
[87] (WO2014/013161)
[30] FR (1256850) 2012-07-16

[21] **2,879,053**
[13] A1

[51] **Int.Cl. C07D 333/24 (2006.01) A61K 31/381 (2006.01) A61P 3/10 (2006.01) C07D 333/34 (2006.01) C07D 333/38 (2006.01) C07D 333/40 (2006.01) C07D 409/04 (2006.01) C07D 409/06 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 417/06 (2006.01) C07H 9/04 (2006.01)**
[25] FR
[54] **THIOPHENE DERIVATIVES USED IN THE TREATMENT OF DIABETES**
[54] **DERIVES DE THIOPHENES UTILES DANS LE TRAITEMENT DU DIABETE**
[72] LEPIFRE, FRANCK F., FR
[72] LENA, GERSANDE R., FR
[72] AUTIER, VALERIE, FR
[72] KERGOAT, MICHELINE R., FR
[72] FAVERIEL, LAUREN R., FR
[72] CHARON, CHRISTINE G., FR
[72] RAYNAL, SOPHIE N., FR
[72] AUDET, ANNICK M., FR
[71] METABRAIN RESEARCH, FR
[85] 2015-01-13
[86] 2013-07-16 (PCT/FR2013/051702)
[87] (WO2014/013181)
[30] FR (1257079) 2012-07-20

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[21] **2,879,054**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4439 (2006.01) A61P 7/00 (2006.01)**

[25] FR

[54] **IMIDAZOPYRIDINE DERIVATIVE USED IN THE TREATMENT OF DIABETES**

[54] **DERIVE D'IMIDAZOPYRIDINE UTILES DANS LE TRAITEMENT DU DIABETE**

[72] LEPIFRE, FRANCK F., FR
[72] LENA, GERSANDE R., FR
[72] AUTIER, VALERIE, FR
[72] KERGOAT, MICHELINE R., FR
[72] CHARON, CHRISTINE G., FR
[72] RAYNAL, SOPHIE N., FR
[72] AUDET, ANNICK M., FR
[71] METABRAIN RESEARCH, FR
[85] 2015-01-13
[86] 2013-07-16 (PCT/FR2013/051703)
[87] (WO2014/013182)
[30] FR (1257082) 2012-07-20

[21] **2,879,056**
[13] A1

[51] **Int.Cl. F02D 29/00 (2006.01) F02D 9/02 (2006.01) F02D 41/04 (2006.01) F02D 45/00 (2006.01) F16H 61/14 (2006.01)**

[25] EN

[54] **CONTROL DEVICE FOR AUTOMATIC TRANSMISSION FOR VEHICLE**

[54] **DISPOSITIF DE COMMANDE POUR TRANSMISSION AUTOMATIQUE DANS UN VEHICULE**

[72] ISHIKAWA, YUTAKA, JP
[72] IMAMURA, KAZUHIKO, JP
[72] MUTO, AKIO, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2015-01-13
[86] 2013-06-25 (PCT/JP2013/067422)
[87] (WO2014/017239)
[30] JP (2012-166971) 2012-07-27

[21] **2,879,058**
[13] A1

[51] **Int.Cl. B29C 70/54 (2006.01) B29C 70/22 (2006.01)**

[25] EN

[54] **A STITCHED UNIDIRECTIONAL OR MULTI-AXIAL REINFORCEMENT AND A METHOD OF PRODUCING THE SAME**

[54] **RENFORCEMENT UNIDIRECTIONNEL OU MULTIAXIAL COUSU ET PROCEDE DE PRODUCTION DE CELUI-CI**

[72] BERGSTROM, RAINER, FI
[71] AHLSTROM CORPORATION, FI
[85] 2015-01-13
[86] 2013-07-15 (PCT/FI2013/050765)
[87] (WO2014/013138)
[30] EP (12177268.5) 2012-07-20
[30] FI (20135470) 2013-05-07

[21] **2,879,055**
[13] A1

[51] **Int.Cl. B41M 1/12 (2006.01) B41M 1/26 (2006.01) B41M 1/30 (2006.01) C09D 11/00 (2014.01) C09D 11/02 (2014.01) C09D 11/10 (2014.01)**

[25] FR

[54] **COLOURED COMPOSITION SCREEN-PRINTABLE ON A SHEET OF POLYMER MATERIAL**

[54] **COMPOSITION COLOREE SERIGRAPHIABLE SUR UNE FEUILLE DE MATERIAU POLYMERE**

[72] WERY, SEBASTIEN, FR
[72] DUCOURTHIAL, ELODIE, FR
[72] RAMI, JEROME, FR
[72] BARBIER, BENOIT, BE
[72] DASSONVILLE, CAMILLE, FR
[72] MOREL, ANGELIQUE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-01-13
[86] 2013-07-22 (PCT/FR2013/051760)
[87] (WO2014/020261)
[30] FR (1257429) 2012-07-31

[21] **2,879,057**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/041 (2006.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING APPLICATION BY HANDWRITING IMAGE RECOGNITION**

[54] **PROCEDE ET APPAREIL DE COMMANDE D'APPLICATION PAR RECONNAISSANCE D'IMAGE D'ECRITURE MANUSCRITE**

[72] KIM, HWA-KYUNG, KR
[72] JUN, JIN-HA, KR
[72] KIM, SUNG-SOO, KR
[72] BAE, JOO-YOON, KR
[72] CHA, SANG-OK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-01-13
[86] 2013-07-12 (PCT/KR2013/006283)
[87] (WO2014/011000)
[30] KR (10-2012-0076514) 2012-07-13
[30] KR (10-2012-0095965) 2012-08-30
[30] KR (10-2012-0142326) 2012-12-07

[21] **2,879,059**
[13] A1

[51] **Int.Cl. B01J 23/34 (2006.01) B01J 21/04 (2006.01) B01J 21/10 (2006.01) B01J 21/18 (2006.01) B01J 23/02 (2006.01) B01J 23/06 (2006.01) B01J 23/72 (2006.01) B01J 23/745 (2006.01) B01J 23/755 (2006.01) B01J 37/00 (2006.01) B01J 37/06 (2006.01) B01J 37/08 (2006.01) B01J 37/36 (2006.01) B09C 1/10 (2006.01)**

[25] FR

[54] **USE OF CERTAIN MANGANESE-ACCUMULATING PLANTS FOR CARRYING OUT ORGANIC CHEMISTRY REACTIONS**

[54] **UTILISATION DE CERTAINES PLANTES ACCUMULATRICES DE MANGANESE POUR LA MISE EN OEUVRE DE REACTIONS DE CHIMIE ORGANIQUE**

[72] GRISON, CLAUDE, FR
[72] ESCANDE, VINCENT, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE MONTPELLIER 2 SCIENCES ET TECHNIQUES, FR
[85] 2015-01-13
[86] 2013-07-23 (PCT/FR2013/051772)
[87] (WO2014/016509)
[30] FR (12/57135) 2012-07-23

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[21] **2,879,060**
[13] A1

[51] **Int.Cl. H04M 11/06 (2006.01) H04L 12/24 (2006.01) H04M 3/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMANCE ESTIMATION OF A COMMUNICATION LINK**
[54] **PROCEDE ET SYSTEME D'ESTIMATION DE PERFORMANCES D'UNE LIAISON DE COMMUNICATION**
[72] BHAGAVATULA, RAMYA, US
[72] SONG, GUOCONG, US
[72] KERPEZ, KENNETH, US
[72] RHEE, WONJONG, US
[71] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC., US
[85] 2015-01-13
[86] 2012-07-13 (PCT/US2012/046810)
[87] (WO2014/011191)

[21] **2,879,061**
[13] A1

[51] **Int.Cl. G01V 3/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TEMPERATURE INDEPENDENT BALANCING OF A TOOL**
[54] **APPAREIL ET PROCEDE D'EQUILIBRAGE INDEPENDANT DE LA TEMPERATURE D'UN OUTIL**
[72] SANMARTIN, LUIS, US
[72] LI, SHANJUN, US
[72] DONDERICI, BURKAY, US
[72] LUDWIG, WESLEY N., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-13
[86] 2012-07-13 (PCT/US2012/046755)
[87] (WO2014/011189)

[21] **2,879,062**
[13] A1

[51] **Int.Cl. A61B 1/273 (2006.01) A61B 1/00 (2006.01) A61B 1/24 (2006.01) A61B 1/31 (2006.01) A61B 1/313 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **ENDOSCOPE OVERTUBE FOR NATURAL BODY ORIFICE INSERTION**
[54] **TUBE SUPERIEUR D'ENDOSCOPE POUR INSERTION DANS UN ORIFICE NATUREL DU CORPS**
[72] WEST, STEPHEN, US
[71] APOLLO ENDOSURGERY, INC., US
[85] 2015-01-13
[86] 2013-07-10 (PCT/US2013/049830)
[87] (WO2014/014715)
[30] US (13/551,942) 2012-07-18

[21] **2,879,063**
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ESTIMATING OPPORTUNITY IN A RESERVOIR SYSTEM**
[54] **SYSTEMES ET PROCEDES D'ESTIMATION D'OPPORTUNITE DANS UN SYSTEME DE RESERVOIR**
[72] GARIBALDI, LUIS ARNOLDO, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-13
[86] 2012-07-27 (PCT/US2012/048592)
[87] (WO2014/018055)

[21] **2,879,064**
[13] A1

[51] **Int.Cl. F02K 1/62 (2006.01) F02K 1/72 (2006.01) F02K 1/76 (2006.01)**
[25] FR
[54] **CASCADE THRUST REVERSER FOR AN AIRCRAFT TURBOFAN**
[54] **INVERSEUR DE POUSSEE A GRILLES POUR TURBOREACTEUR D'AERONEF**
[72] PEYRON, VINCENT, FR
[72] VALLEROY, LAURENT GEORGES, FR
[72] DEPOORTERE, FRANCK, FR
[71] AIRCELLE, FR
[85] 2015-01-13
[86] 2013-07-26 (PCT/FR2013/051815)
[87] (WO2014/029929)
[30] FR (12/57867) 2012-08-20

[21] **2,879,065**
[13] A1

[51] **Int.Cl. F22B 35/00 (2006.01)**
[25] EN
[54] **BOILER SYSTEM**
[54] **SYSTEME DE CHAUDIERES**
[72] YAMADA, KAZUYA, JP
[72] MIURA, KOJI, JP
[71] MIURA CO., LTD., JP
[85] 2015-01-19
[86] 2013-10-29 (PCT/JP2013/079192)
[87] (WO2014/132489)
[30] JP (2013-038922) 2013-02-28

[21] **2,879,066**
[13] A1

[51] **Int.Cl. C07H 21/04 (2006.01) A61K 39/39 (2006.01) A61P 11/00 (2006.01) A61P 17/02 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61P 43/00 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **CHIRAL NUCLEIC ACID ADJUVANT**
[54] **ADJUVANT D'ACIDE NUCLEIQUE CHIRAL**
[72] GEMBA, TAKEFUMI, JP
[71] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
[71] WAVE LIFE SCIENCES JAPAN, JP
[85] 2015-01-13
[86] 2013-07-12 (PCT/JP2013/069107)
[87] (WO2014/010718)
[30] US (61/671654) 2012-07-13

[21] **2,879,067**
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01)**
[25] EN
[54] **TRANSMISSION MANAGEMENT SYSTEM, TRANSMISSION SYSTEM, AND RECORDING MEDIUM**
[54] **SYSTEME DE GESTION DE TRANSMISSION, SYSTEME DE TRANSMISSION ET SUPPORT D'ENREGISTREMENT**
[72] MAEDA, KAORU, JP
[72] ASAI, TAKAHIRO, JP
[71] RICOH COMPANY, LTD., JP
[85] 2015-01-13
[86] 2013-07-26 (PCT/JP2013/070953)
[87] (WO2014/021444)
[30] JP (2012-171192) 2012-08-01

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[21] **2,879,068**
[13] A1

[51] **Int.Cl. B60T 7/12 (2006.01) G05B 19/4061 (2006.01) G06F 13/376 (2006.01)**

[25] EN

[54] **RADAR INITIATED FOUNDATION BRAKING ONLY FOR AUTONOMOUS EMERGENCY BRAKING SITUATIONS**

[54] **FREINAGE DE BASE ACTIVE PAR RADAR UNIQUEMENT POUR DES SITUATIONS DE FREINAGE D'URGENCE AUTONOME**

[72] KOSANAM, SRIKIRAN, IN

[72] THOMAS, THOMAS J., US

[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US

[85] 2015-01-13

[86] 2013-07-09 (PCT/US2013/049687)

[87] (WO2014/014704)

[30] US (13/553,035) 2012-07-19

[21] **2,879,069**
[13] A1

[51] **Int.Cl. C23C 2/06 (2006.01) C21D 1/18 (2006.01) C21D 9/00 (2006.01) C21D 9/46 (2006.01) C22C 18/00 (2006.01) C22C 38/00 (2006.01) C22C 38/58 (2006.01) C23C 2/28 (2006.01)**

[25] EN

[54] **GALVANIZED STEEL SHEET FOR HOT FORMING**

[54] **TOLE D'ACIER PLAQUEE DE ZINC POUR MOULAGE A CHAUD**

[72] TAKAHASHI, HIROYUKI, JP

[72] IMAI, KAZUHITO, JP

[72] NISHIBATA, HITOMI, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2015-01-13

[86] 2013-08-05 (PCT/JP2013/071118)

[87] (WO2014/024825)

[30] JP (2012-175280) 2012-08-07

[21] **2,879,070**
[13] A1

[51] **Int.Cl. H01H 71/04 (2006.01) H01H 71/12 (2006.01)**

[25] EN

[54] **CIRCUIT INTERRUPTER EMPLOYING NON-VOLATILE MEMORY FOR IMPROVED DIAGNOSTICS**

[54] **COUPE-CIRCUIT A MEMOIRE REMANENTE POUR DIAGNOSTICS AMELIORES**

[72] PARKER, KEVIN L., US

[72] MILLER, THEODORE J., US

[71] EATON CORPORATION, US

[85] 2015-01-13

[86] 2013-07-10 (PCT/US2013/049856)

[87] (WO2014/039165)

[30] US (13/608,495) 2012-09-10

[21] **2,879,071**
[13] A1

[51] **Int.Cl. H04W 40/24 (2009.01) H04W 48/08 (2009.01) B61L 27/00 (2006.01) B61L 27/04 (2006.01) H04L 12/26 (2006.01)**

[25] EN

[54] **INTRA-TRAIN NETWORK MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE RESEAU INTERNE A UN TRAIN**

[72] MACKENZIE, IVAN, CA

[71] THALES CANADA INC., CA

[85] 2015-01-14

[86] 2013-07-16 (PCT/CA2013/000643)

[87] (WO2014/012164)

[30] US (61/672,624) 2012-07-17

[21] **2,879,072**
[13] A1

[51] **Int.Cl. B60C 29/00 (2006.01) F16K 15/20 (2006.01) B60C 23/00 (2006.01)**

[25] EN

[54] **VALVE ASSEMBLIES AND METHODS OF INFLATING OR DEFLATING A TYRE**

[54] **ENSEMBLE VALVE ET PROCEDES DE GONFLAGE ET DE DEGONFLAGE D'UN PNEUMATIQUE**

[72] SIDDEERS, JASON M., US

[72] RACINE, LLOYD G., US

[71] DANA HEAVY VEHICLE SYSTEMS GROUP, LLC, US

[85] 2015-01-13

[86] 2013-07-10 (PCT/US2013/049915)

[87] (WO2014/028142)

[30] US (61/671,380) 2012-07-13

[21] **2,879,073**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR PERFORMANCE MEASUREMENT OF A COMMUNICATION LINK**

[54] **PROCEDE ET SYSTEME POUR EFFECTUER LA MESURE D'UNE LIAISON DE COMMUNICATION**

[72] YUN, SUNGHO, US

[72] GARCIA, CARLOS, US

[72] BALAKRISHNAN, MANIKANDEN, US

[72] RHEE, WONJONG, US

[71] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC, US

[71] CALDWELL, GREGORY D., US

[85] 2015-01-13

[86] 2012-07-13 (PCT/US2012/046811)

[87] (WO2014/011192)

[21] **2,879,074**
[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01)**

[25] EN

[54] **METHOD OF PROVIDING PROTECTIVE IMMUNITY AGAINST HETEROLOGOUS LEPTOSPIRA STRAINS**

[54] **PROCEDE DE FOURNITURE D'UNE IMMUNITE PROTECTRICE CONTRE DES SOUCHES HETEROLOGUES DE LEPTOSPIRA**

[72] PARDO, MARIA CAMILA, US

[71] MERIAL LIMITED, US

[85] 2015-01-13

[86] 2013-07-11 (PCT/US2013/049997)

[87] (WO2014/014725)

[30] US (61/672,386) 2012-07-17

[21] **2,879,075**
[13] A1

[51] **Int.Cl. F16B 13/10 (2006.01) E21D 20/02 (2006.01) E21D 21/00 (2006.01) F16B 13/14 (2006.01)**

[25] EN

[54] **ANCHOR AND METHOD OF USING THE SAME**

[54] **DISPOSITIF D'ANCRAGE ET PROCEDE D'UTILISATION DE CELUI-CI**

[72] BENNETT, DARREN BRUCE, CA

[71] CASE INNOVATIONS INC., CA

[85] 2015-01-14

[86] 2014-03-14 (PCT/CA2014/000240)

[87] (WO2014/138909)

[30] US (13/815,657) 2013-03-14

PCT Applications Entering the National Phase

[21] **2,879,076**
[13] A1

[51] **Int.Cl. B23K 10/02 (2006.01)**
[25] EN
[54] **TORCHES AND METHODS OF USING THEM**
[54] **TORCHES ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] MORRISROE, PETER, US
[71] PERKINELMER HEALTH SCIENCES, INC., US
[71] MORRISROE, PETER, US
[85] 2015-01-13
[86] 2013-07-11 (PCT/US2013/050130)
[87] (WO2014/011919)
[30] US (61/671,291) 2012-07-13
[30] US (61/781,758) 2013-03-14

[21] **2,879,077**
[13] A1

[51] **Int.Cl. B65D 19/06 (2006.01) B65D 19/24 (2006.01)**
[25] EN
[54] **QUARTER PALLET**
[54] **QUART-DE-PALETTE**
[72] TAKYAR, SANJIV, GB
[72] WESSON, KARL MICHAEL, GB
[72] STUVE, GERT, NL
[72] VAN MAREN, JEAN-MARC, NL
[71] CHEP UK LIMITED, GB
[85] 2015-01-14
[86] 2013-07-12 (PCT/GB2013/051854)
[87] (WO2014/013230)
[30] GB (1212646.2) 2012-07-16
[30] GB (1300129.2) 2013-01-04

[21] **2,879,078**
[13] A1

[51] **Int.Cl. A01H 1/04 (2006.01) A01H 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MOLECULAR MARKERS FOR VARIOUS TRAITS IN WHEAT AND METHODS OF USE**
[54] **MARQUEURS MOLECULAIRES POUR DIVERSES CARACTERISTIQUES DU BLE ET PROCEDES D'UTILISATION**
[72] LASKAR, BILL, US
[72] LUCK, STANLEY, US
[72] SANDHU, AJAY, US
[72] WOLTERS, PETRA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-01-13
[86] 2013-07-11 (PCT/US2013/050053)
[87] (WO2014/011859)
[30] US (61/671,423) 2012-07-13

[21] **2,879,079**
[13] A1

[51] **Int.Cl. C08K 5/00 (2006.01) C08F 255/00 (2006.01)**
[25] EN
[54] **CROSS-LINKABLE POLYMERIC COMPOSITIONS, METHODS FOR MAKING THE SAME, AND ARTICLES MADE THEREFROM**
[54] **COMPOSITIONS POLYMERES RETICULABLES, LEURS PROCEDES DE FABRICATION ET ARTICLES FORMES A PARTIR DE CELLES-CI**
[72] SUN, YABIN, CN
[72] PERSON, TIMOTHY J., US
[72] COGEN, JEFFREY M., US
[72] ZHU, LU, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-01-14
[86] 2013-09-11 (PCT/CN2013/083289)
[87] (WO2014/040532)
[30] CN (PCT/CN2012/081275) 2012-09-12

[21] **2,879,080**
[13] A1

[51] **Int.Cl. B41F 17/00 (2006.01) A43B 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRINTING CUSTOMIZED GRAPHICS ON FOOTWEAR AND OTHER ARTICLES OF CLOTHING**
[54] **SYSTEME ET PROCEDE D'IMPRESSON D'ELEMENTS GRAPHIQUES PERSONNALISES SUR UNE CHAUSSURE ET D'AUTRES ARTICLES VESTIMENTAIRES**
[72] PADILLA, FERNANDO, US
[72] ROMERO, NICK, US
[71] PICS ON KICKS, INC., US
[85] 2015-01-13
[86] 2012-07-13 (PCT/US2012/046770)
[87] (WO2013/010128)
[30] US (61/507,565) 2011-07-13
[30] US (13/549,168) 2012-07-13
[30] US (13/549,235) 2012-07-13

[21] **2,879,081**
[13] A1

[51] **Int.Cl. B65D 50/04 (2006.01)**
[25] EN
[54] **IMPROVED CHILD-RESISTANT CAP FOR LIQUID MEDICAMENTS**
[54] **BOUCHON A L'EPREUVE DES ENFANTS AMELIORE POUR MEDICAMENTS LIQUIDES**
[72] BUEHLER, JOHN, US
[72] DALY, JOHN, US
[72] DIPLACIDO, KEVIN, US
[72] HAROLD, REDD, US
[72] KERSHNER, DAVID, US
[72] MANERA, DAVID, US
[72] STANGLE, TIMOTHY, US
[72] GRANATO, RUSS, US
[71] COMAR, INC., US
[85] 2015-01-13
[86] 2013-07-12 (PCT/US2013/050220)
[87] (WO2014/011965)
[30] US (61/671,194) 2012-07-13

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[21] **2,879,082**
[13] A1

[51] **Int.Cl. A61C 8/00 (2006.01) A61C 19/06 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT**
[54] **IMPLANT DENTAIRE**
[72] VETTORI, CRISTIANO, IT
[71] BELLIN VIA, SALVATORE, IT
[71] MALVAGNA, CAROLINA, IT
[71] VETTORI, CRISTIANO, IT
[71] VETTORI, ERICA, IT
[85] 2015-01-14
[86] 2013-07-18 (PCT/EP2013/002140)
[87] (WO2014/012669)
[30] IT (GE2012A000072) 2012-07-20

[21] **2,879,083**
[13] A1

[51] **Int.Cl. A61B 5/06 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **MAGNETIC MARKER FOR SURGICAL LOCALIZATION**
[54] **MARQUEUR MAGNETIQUE DE LOCALISATION CHIRURGICALE**
[72] HARMER, QUENTIN JOHN, GB
[72] MAYES, ERIC, GB
[72] PANKHURST, QUENTIN ANDREW, GB
[72] SHAWCROSS, ANDREW, GB
[71] ENDOMAGNETICS LTD, GB
[85] 2015-01-14
[86] 2013-07-15 (PCT/GB2013/051885)
[87] (WO2014/013235)
[30] US (61/672,048) 2012-07-16
[30] US (13/792,803) 2013-03-11

[21] **2,879,084**
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **WIDE-ANGLE OPTICAL UNIT FOR OPHTHALMOLOGICAL IMPLANTS**
[54] **OPTIQUE GRAND ANGLE POUR IMPLANTS OPHTHALMOLOGIQUES**
[72] SIEBER, INGO, DE
[72] GUTH, HELMUT, DE
[72] BRETTHAUER, GEORG, DE
[72] GEGENBACH, ULRICH, DE
[72] GUTHOFF, RUDOLF F., DE
[71] KARLSRUHER INSTITUT FUR TECHNOLOGIE, DE
[85] 2015-01-14
[86] 2013-07-18 (PCT/EP2013/002139)
[87] (WO2014/015964)
[30] DE (10 2012 106 653.1) 2012-07-23

[21] **2,879,085**
[13] A1

[51] **Int.Cl. E21B 19/24 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **PIPE IN PIPE PISTON THRUST SYSTEM**
[54] **SYSTEME DE POUSSEE A PISTON DE TUBE DANS TUBE**
[72] HAY, RICHARD THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-13
[86] 2012-07-13 (PCT/US2012/046812)
[87] (WO2014/011193)

[21] **2,879,086**
[13] A1

[51] **Int.Cl. A45C 3/00 (2006.01) A45C 13/00 (2006.01) A45F 3/04 (2006.01)**
[25] EN
[54] **MULTI-COMPONENT BACKPACK**
[54] **SAC A DOS A COMPOSANTS MULTIPLES**
[72] FILOUS, DANNY, US
[72] DURANT, EDWARD ELLIOT, III, US
[71] LUNCHBACK LLC, US
[85] 2015-01-13
[86] 2013-07-11 (PCT/US2013/050131)
[87] (WO2014/011920)
[30] US (61/671,459) 2012-07-13

[21] **2,879,087**
[13] A1

[51] **Int.Cl. C07F 15/00 (2006.01) C09K 11/06 (2006.01)**
[25] EN
[54] **NEW IRIIDIUM-BASED COMPLEXES FOR ECL**
[54] **NOUVEAUX COMPLEXES A BASE D'IRIDIUM POUR ELECTROCHIMILUMINESCENCE (ECL)**
[72] BERGMANN, FRANK, DE
[72] CYSEWSKI, ROBERT, PL
[72] DE COLA, LUISA, FR
[72] DZIADEK, SEBASTIAN, DE
[72] FERNANDEZ HERNANDEZ, JESUS MIGUEL, DE
[72] JOSEL, HANS-PETER, DE
[72] SEIDEL, CHRISTOPH, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-14
[86] 2013-08-02 (PCT/EP2013/002322)
[87] (WO2014/019708)
[30] EP (12 179 050.5) 2012-08-02

[21] **2,879,088**
[13] A1

[51] **Int.Cl. A61L 27/36 (2006.01)**
[25] EN
[54] **IMPLANT AND METHOD FOR PRODUCING AN IMPLANT**
[54] **IMPLANT ET PROCEDE DE PRODUCTION D'UN IMPLANT**
[72] SIBBONS, PAUL DAVID, GB
[72] ANSARI, TAHERA IQBAL, GB
[71] VIDERE GEN LIMITED, GB
[85] 2015-01-14
[86] 2013-07-16 (PCT/GB2013/051898)
[87] (WO2014/013241)
[30] GB (1212771.8) 2012-07-18

[21] **2,879,089**
[13] A1

[51] **Int.Cl. C07F 15/00 (2006.01) C09K 11/06 (2006.01)**
[25] EN
[54] **NEW IRIIDIUM-BASED COMPLEXES FOR ECL**
[54] **NOUVEAUX COMPLEXES A BASE D'IRIDIUM POUR ECL**
[72] BERGMANN, FRANK, DE
[72] CYSEWSKI, ROBERT, PL
[72] DE COLA, LUISA, FR
[72] DZIADEK, SEBASTIAN, DE
[72] FERNANDEZ HERNANDEZ, JESUS MIGUEL, ES
[72] JOSEL, HANS-PETER, DE
[72] SEIDEL, CHRISTOPH, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-14
[86] 2013-08-02 (PCT/EP2013/002321)
[87] (WO2014/019707)
[30] EP (12179048.9) 2012-08-02

[21] **2,879,090**
[13] A1

[51] **Int.Cl. G05B 19/042 (2006.01) G05B 13/04 (2006.01)**
[25] EN
[54] **MOBILE DEVICE WITH AUTOMATIC ACQUISITION AND ANALYSIS OF BUILDING AUTOMATION SYSTEM**
[54] **DISPOSITIF MOBILE A ACQUISITION ET ANALYSE AUTOMATIQUES DE SYSTEME IMMOTIQUE**
[72] CASILLI, CHRIS, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2015-01-13
[86] 2013-07-12 (PCT/US2013/050175)
[87] (WO2014/011946)
[30] US (13/549,060) 2012-07-13

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[21] **2,879,091**
[13] A1

[51] **Int.Cl. G01S 5/18 (2006.01) E21B 17/01 (2006.01) G01D 5/353 (2006.01)**

[25] EN
[54] **STRUCTURE MONITORING**
[54] **CONTROLE DE STRUCTURE**
[72] FARHADIROUSHAN, MAHMOUD, GB
[72] FINFER, DANIEL, GB
[72] KAMIL, YOUSIF, GB
[72] KUTLIK, ROY LESTER, US
[71] SILIXA LTD., GB
[71] CHEVRON U.S.A. INC., US
[85] 2015-01-14
[86] 2013-07-16 (PCT/GB2013/051903)
[87] (WO2014/013244)
[30] GB (1212701.5) 2012-07-17

[21] **2,879,092**
[13] A1

[51] **Int.Cl. B02C 2/04 (2006.01)**

[25] EN
[54] **GYRATORY CRUSHER AND SLIDE BEARING LINING**
[54] **BROYEUR GIRATOIRE ET REVETEMENT DE PALIER LISSE**
[72] ABERG, NIKLAS, SE
[72] JOHANSSON, JAN, SE
[72] MALMQVIST, PATRIC, SE
[72] SVENSSON, ARVID, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2015-01-14
[86] 2013-06-19 (PCT/EP2013/062762)
[87] (WO2014/016059)
[30] EP (12178291.6) 2012-07-27

[21] **2,879,093**
[13] A1

[51] **Int.Cl. C07F 15/00 (2006.01) H01L 51/50 (2006.01)**

[25] EN
[54] **NEW BIS-IRIDIUM-COMPLEXES FOR MANUFACTURING OF ECL-LABELS**
[54] **NOUVEAUX COMPLEXES DE BIS-IRIDIUM POUR PREPARER DES MARQUEURS POUR ELECTROCHIMILUMINESCENCE (ECL)**
[72] CYSEWSKI, ROBERT, PL
[72] DE COLA, LUISA, FR
[72] FERNANDEZ HERNANDEZ, JESUS MIGUEL, ES
[72] JOSEL, HANS-PETER, DE
[72] LONGHI, ELENA, IT
[72] VONDENHOFF, GASTON HUBERTUS MARIA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-14
[86] 2013-08-02 (PCT/EP2013/002324)
[87] (WO2014/019710)
[30] EP (12 179 056.2) 2012-08-02

[21] **2,879,094**
[13] A1

[51] **Int.Cl. C07F 15/00 (2006.01) C09K 11/06 (2006.01)**

[25] EN
[54] **NEW IRIIDIUM-BASED COMPLEXES FOR ECL**
[54] **NOUVEAUX COMPLEXES A BASE D'IRIDIUM POUR ELECTROCHIMILUMINESCENCE (ECL)**
[72] BERGMANN, FRANK, DE
[72] CYSEWSKI, ROBERT, PL
[72] DE COLA, LUISA, FR
[72] DZIADEK, SEBASTIAN, DE
[72] FERNANDEZ HERNANDEZ, JESUS MIGUEL, ES
[72] JOSEL, HANS-PETER, DE
[72] LONGHI, ELENA, IT
[72] SEIDEL, CHRISTOPH, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-14
[86] 2013-08-02 (PCT/EP2013/002325)
[87] (WO2014/019711)
[30] EP (12179057.0) 2012-08-02

[21] **2,879,095**
[13] A1

[51] **Int.Cl. H02H 1/00 (2006.01)**

[25] EN
[54] **DIRECT CURRENT ARC FAULT DETECTOR AND CIRCUIT INTERRUPTER, AND METHOD OF DETECTING AN ARC IN A DIRECT CURRENT POWER CIRCUIT**
[54] **DETECTEUR DE DEFAUT D'ARC A COURANT CONTINU ET INTERRUPTEUR DE CIRCUIT, ET PROCEDE DE DETECTION D'UN ARC DANS UN CIRCUIT DE PUISSANCE A COURANT CONTINU**
[72] PARKER, KEVIN L., US
[72] MILLER, THEODORE J., US
[71] EATON CORPORATION, US
[85] 2015-01-13
[86] 2013-07-12 (PCT/US2013/050224)
[87] (WO2014/051827)
[30] US (13/629,714) 2012-09-28

[21] **2,879,096**
[13] A1

[51] **Int.Cl. A43B 5/02 (2006.01) A43B 5/00 (2006.01)**

[25] EN
[54] **A SURFACE STRUCTURE FOR SPORTS BOOTS WITH INCREASED BALL-CONTACT PROPERTIES AND METHOD FOR PREPARING THE STRUCTURE**
[54] **STRUCTURE DE SURFACE POUR CHAUSSURES DE SPORT AYANT DES CARACTERISTIQUES DE CONTACT DE BALLON ACCRUES ET PROCEDE DE PREPARATION DE LA STRUCTURE**
[72] OROSZI, LASZLO, HU
[72] LANTOS, MIHALY ISTVAN, HU
[71] OROSZI, LASZLO, HU
[71] LANTOS, MIHALY ISTVAN, HU
[85] 2015-01-14
[86] 2013-07-25 (PCT/HU2013/000076)
[87] (WO2014/016629)
[30] HU (P1200447) 2012-07-27

Demandes PCT entrant en phase nationale

[21] **2,879,097**
[13] A1

[51] **Int.Cl. B01D 15/08 (2006.01) G01N 1/34 (2006.01) G01N 30/60 (2006.01)**

[25] EN

[54] **AFFINITY SUPPORT AND METHOD FOR TRAPPING SUBSTANCE USING THE SAME**

[54] **SUPPORT A AFFINITE ET SON PROCEDE DE PIEGEAGE DE SUBSTANCE**

[72] CAPON, DANIEL J., US

[71] CAPON, DANIEL J., US

[85] 2015-01-13

[86] 2013-06-03 (PCT/US2013/043875)

[87] (WO2014/014563)

[30] JP (JP 2012-158647) 2012-07-17

[21] **2,879,098**
[13] A1

[51] **Int.Cl. B02C 2/04 (2006.01)**

[25] EN

[54] **GYRATORY CRUSHER BEARING**

[54] **PALIER DE BROYEUR GIRATOIRE**

[72] ABERG, NIKLAS, SE

[72] ERIKSSON, BENGT-ARNE, SE

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2015-01-14

[86] 2013-06-19 (PCT/EP2013/062764)

[87] (WO2014/016060)

[30] EP (12178350.0) 2012-07-27

[21] **2,879,100**
[13] A1

[51] **Int.Cl. G02B 3/14 (2006.01) A61B 1/06 (2006.01)**

[25] EN

[54] **FLUID LENSES, LENS BLANKS, AND METHODS OF MANUFACTURING THE SAME**

[54] **LENTILLES FLUIDES, PALETS ET PROCEDES DE FABRICATION DE CEUX-CI**

[72] GUPTA, AMITAVA, US

[72] SCHNELL, URBAN, CH

[71] ADLENS BEACON, INC., US

[85] 2015-01-13

[86] 2013-07-12 (PCT/US2013/050339)

[87] (WO2014/012036)

[30] US (13/549,078) 2012-07-13

[21] **2,879,101**
[13] A1

[51] **Int.Cl. C25B 1/08 (2006.01) C25B 9/20 (2006.01)**

[25] EN

[54] **MODULAR ELECTROLYSIS UNIT**

[54] **UNITE D'ELECTROLYSE MODULAIRE**

[72] KARABIN, TADEUSZ, US

[71] WOOD STONE CORPORATION, US

[85] 2015-01-13

[86] 2013-06-26 (PCT/US2013/047886)

[87] (WO2014/014632)

[30] US (13/550,247) 2012-07-16

[21] **2,879,102**
[13] A1

[51] **Int.Cl. B23D 29/00 (2006.01)**

[25] EN

[54] **PRE-STRESSING TENDON SEPARATION DEVICE**

[54] **DISPOSITIF DE SECTIONNEMENT DE CABLES DE HAUBANAGE**

[72] GOPFERT, HEINRICH, DE

[72] GRAF, CHRISTOPH, DE

[71] WOBLEN PROPERTIES GMBH, DE

[85] 2015-01-14

[86] 2013-07-08 (PCT/EP2013/064409)

[87] (WO2014/023499)

[30] DE (10 2012 214 010.7) 2012-08-07

[21] **2,879,103**
[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01)**

[25] EN

[54] **CELLULAR AND ANIMAL MODELS FOR SCREENING THERAPEUTIC AGENTS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**

[54] **MODELES CELLULAIRES ET ANIMAUX POUR LE CRIBLAGE D'AGENTS THERAPEUTIQUES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

[72] HOLTZMAN, JORDAN L., US

[71] HOLTZMAN, JORDAN L., US

[85] 2015-01-13

[86] 2013-07-15 (PCT/US2013/050532)

[87] (WO2014/012108)

[30] US (61/671,437) 2012-07-13

[21] **2,879,104**
[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/40 (2006.01) A61K 31/44 (2006.01) C07D 209/08 (2006.01) C07D 209/10 (2006.01)**

[25] EN

[54] **INDOLECARBONITRILES AS SELECTIVE ANDROGEN RECEPTOR MODULATORS**

[54] **INDOLECARBONITRILES UTILISES COMME MODULATEURS SELECTIFS DES RECEPTEURS AUX ANDROGENES**

[72] TURNBULL, PHILIP STEWART, US

[72] CADILLA, RODOLFO, US

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB

[85] 2015-01-14

[86] 2013-07-15 (PCT/IB2013/001530)

[87] (WO2014/013309)

[30] US (61/672,455) 2012-07-17

[30] US (61/748,874) 2013-01-04

[21] **2,879,107**
[13] A1

[51] **Int.Cl. B65D 50/04 (2006.01) B65D 51/24 (2006.01)**

[25] EN

[54] **UPWARDLY BIASING CHILD-RESISTANT CLOSURE FOR LIQUID MEDICAMENTS**

[54] **FERMETURE DE SECURITE A L'EPREUVE DES ENFANTS A CONTRAINTE VERS LE HAUT POUR MEDICAMENTS LIQUIDES**

[72] KERSHNER, DAVID, US

[72] MANERA, DAVID, US

[72] RUGGIERI, MICHAEL, US

[72] WARGO, KIMBERLY, US

[71] COMAR, INC., US

[85] 2015-01-13

[86] 2013-07-12 (PCT/US2013/050388)

[87] (WO2014/012066)

[30] US (61/671,313) 2012-07-13

PCT Applications Entering the National Phase

[21] **2,879,108**
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61B 17/03 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND CLOSURE DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DES PLAIES PAR DEPRESSION**
[72] DUNN, RAYMOND, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2015-01-13
[86] 2013-07-15 (PCT/US2013/050558)
[87] (WO2014/014842)
[30] US (61/672,173) 2012-07-16
[30] US (61/679,982) 2012-08-06
[30] US (61/779,900) 2013-03-13

[21] **2,879,109**
[13] A1

[51] **Int.Cl. C12N 9/64 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING TRANSGENIC FACTOR VII**
[54] **PROCEDE DE PURIFICATION DE FACTEUR VII TRANSGENIQUE**
[72] BATAILLE, DAMIEN, FR
[72] NOGRE, MICHEL, FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[85] 2015-01-14
[86] 2013-07-18 (PCT/EP2013/065205)
[87] (WO2014/013024)
[30] EP (12305882.8) 2012-07-19

[21] **2,879,110**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) H04N 21/80 (2011.01) G06F 3/16 (2006.01) G08B 21/18 (2006.01) G10L 15/00 (2013.01) H04N 5/225 (2006.01) H04R 5/027 (2006.01) H04R 29/00 (2006.01)**
[25] EN
[54] **MEDICAL PROCEDURE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'INTERVENTION MEDICALE**
[72] MARON, JASON, US
[72] ZENATI, MARCO, US
[72] WAGNER, DAVID W., US
[72] FLAHERTY, R. MAXWELL, US
[72] FLAHERTY, J. CHRISTOPHER, US
[71] SURGICAL SAFETY SOLUTIONS, LLC, US
[85] 2015-01-14
[86] 2013-07-16 (PCT/US2013/050690)
[87] (WO2014/014916)
[30] US (61/671,922) 2012-07-16

[21] **2,879,111**
[13] A1

[51] **Int.Cl. C12N 15/85 (2006.01)**
[25] EN
[54] **METHOD FOR INDUCING CELLS TO LESS MATURE STATE**
[54] **PROCEDE D'INDUCTION DE CELLULES A UN ETAT MOINS MATURE**
[72] BAMDAD, CYNTHIA, US
[71] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2015-01-13
[86] 2013-07-15 (PCT/US2013/050563)
[87] (WO2014/012115)
[30] US (61/671,588) 2012-07-13
[30] US (61/671,558) 2012-07-13
[30] US (61/673,617) 2012-07-19
[30] US (61/675,264) 2012-07-24
[30] US (61/675,292) 2012-07-24
[30] US (61/677,442) 2012-07-30
[30] US (61/679,021) 2012-08-02
[30] US (61/683,155) 2012-08-14
[30] US (61/684,654) 2012-08-17
[30] US (61/693,712) 2012-08-27
[30] US (PCT/US12/60684) 2012-10-17

[21] **2,879,113**
[13] A1

[51] **Int.Cl. A61K 31/185 (2006.01) A01N 37/18 (2006.01) A01N 43/54 (2006.01) A01N 45/00 (2006.01) A61P 25/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **MODULATION SAPP, SAPP ALPHA AND BDNF LEVELS IN INDIVIDUALS DIAGNOSED WITH FXS AND ASD**
[54] **MODULATION DES TAUX DE SAPP, SAPP ALPHA ET BDNF CHEZ DES INDIVIDUS POUR LESQUELS FXS ET ASD ONT ETE DIAGNOSTIQUES**
[72] ERICKSON, CRAIG A., US
[72] LAHIRI, DEBOMOY K., US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[85] 2015-01-14
[86] 2013-07-22 (PCT/US2013/051550)
[87] (WO2014/018468)
[30] US (61/674,367) 2012-07-22
[30] US (61/675,116) 2012-07-24
[30] US (61/748,652) 2013-01-03

[21] **2,879,114**
[13] A1

[51] **Int.Cl. A61K 31/185 (2006.01) A61K 31/197 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **BACLOFEN AND ACAMPROSATE BASED THERAPY OF MACULAR DEGENERATION DISORDERS**
[54] **THERAPIE DE TROUBLES DE DEGENERESCENCE MACULAIRE A BASE DE BACLOFENE ET D'ACAMPROSATE**
[72] COHEN, DANIEL, FR
[72] CHUMAKOV, ILYA, FR
[72] NABIROCHKIN, SERGUEI, FR
[71] PHARNEXT, FR
[85] 2015-01-14
[86] 2013-07-18 (PCT/EP2013/065209)
[87] (WO2014/013025)
[30] US (61/672,893) 2012-07-18

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[21] **2,879,115**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 451/12 (2006.01) C07D 471/02 (2006.01) C07D 487/14 (2006.01) C07D 498/08 (2006.01)**

[25] EN
[54] **5-HT3 RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DU RECEPTEUR 5-HT3**

[72] HITCHCOCK, STEPHEN, US
[72] MONENSCHNEIN, HOLGER, US
[72] REICHARD, HOLLY, US
[72] SUN, HUIKAI, US
[72] KIKUCHI, SHOTA, US
[72] MACKLIN, TODD, US
[72] HOPKINS, MARIA, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

[85] 2015-01-14
[86] 2013-07-16 (PCT/US2013/050746)
[87] (WO2014/014951)
[30] US (61/672,709) 2012-07-17
[30] US (61/708,521) 2012-10-01

[21] **2,879,116**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**

[25] EN
[54] **PANDEMIC PROTOCOL FOR EMERGENCY DISPATCH**
[54] **PROTOCOLE PANDEMIQUE POUR REPARTITION D'URGENCE**

[72] CLAWSON, JEFFREY J., US
[71] CLAWSON, JEFFREY J., US
[85] 2015-01-14
[86] 2013-08-19 (PCT/US2013/055537)
[87] (WO2014/039228)
[30] US (13/605,501) 2012-09-06

[21] **2,879,117**
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04W 84/12 (2009.01)**

[25] EN
[54] **USER CONTROL OVER WIFI NETWORK ACCESS**
[54] **MAITRISE PAR L'UTILISATEUR DE L'ACCES AU RESEAU WIFI**

[72] GATEWOOD, JOHN M., US
[72] SCHNITZER, LEE ALAN, US
[72] WOODRUM, SHARON L., US
[72] VORUGANTI, BHANU PRAKASH, US

[71] SPRINT COMMUNICATIONS COMPANY L.P., US

[85] 2015-01-13
[86] 2013-07-16 (PCT/US2013/050635)
[87] (WO2014/014880)
[30] US (13/552,749) 2012-07-19

[21] **2,879,119**
[13] A1

[51] **Int.Cl. F02M 55/04 (2006.01)**

[25] EN
[54] **FUEL INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION DE CARBURANT**

[72] DURST, FRANZ, DE
[72] ZEILMANN, MICHAEL, DE
[72] MOHANTY, RITESH PRASHANNA, DE

[71] FMP TECHNOLOGY GMBH FLUID MEASUREMENTS & PROJECTS, DE

[85] 2015-01-14
[86] 2013-07-19 (PCT/EP2013/065318)
[87] (WO2014/013059)
[30] DE (10 2012 212 745.3) 2012-07-19

[21] **2,879,120**
[13] A1

[51] **Int.Cl. E04F 19/04 (2006.01)**

[25] EN
[54] **DEVICE FOR FASTENING A CEILING PROFILE**
[54] **DISPOSITIF DE FIXATION D'UNE MOULURE DE PLAFOND**

[72] NEUHOFER, FRANZ, AT
[71] NEUHOFER, FRANZ, AT
[85] 2015-01-15
[86] 2014-02-11 (PCT/AT2014/050038)
[87] (WO2014/146153)
[30] AT (A 50194/2013) 2013-03-21

[21] **2,879,121**
[13] A1

[51] **Int.Cl. B23K 9/16 (2006.01) B23K 9/28 (2006.01) B23K 9/32 (2006.01) B23K 37/00 (2006.01)**

[25] EN
[54] **WELDING PURGE DAM FOR HIGH AIR FLOW ENVIRONMENT**
[54] **BARRAGE DE PURGE DE SOUDAGE POUR UN ENVIRONNEMENT A DEBIT D'AIR ELEVE**

[72] HACIKYAN, MICHAEL, US
[71] HACIKYAN, MICHAEL, US
[85] 2015-01-13
[86] 2013-07-22 (PCT/US2013/051427)
[87] (WO2014/022130)
[30] US (13/562,483) 2012-07-31

[21] **2,879,122**
[13] A1

[51] **Int.Cl. G01N 33/558 (2006.01) C12Q 1/68 (2006.01)**

[25] EN
[54] **LATERAL FLOW ASSAYS USING DNA DENDRIMERS**
[54] **ESSAIS A ECOULEMENT LATERAL UTILISANT DES DENDRIMERES D'ADN**

[72] CASTA, LOUIS J., US
[72] KADUSHIN, JAMES M., US
[72] GETTS, LORI A., US
[72] GETTS, ROBERT C., US
[71] GENISPHERE, LLC, US
[85] 2015-01-12
[86] 2013-07-12 (PCT/US2013/050401)
[87] (WO2014/012077)
[30] US (61/671,662) 2012-07-13
[30] US (13/844,601) 2013-03-15

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[21] **2,879,123**
[13] A1

[51] **Int.Cl. H01B 7/00 (2006.01) G02B 5/124 (2006.01)**

[25] EN

[54] **ELECTRICAL AND/OR TELECOMMUNICATIONS CABLES WITH RETRO-REFLECTIVE INTEGRAL COVERING FOR USE IN AGGRESSIVE ENVIRONMENTS WITH LITTLE OR ZERO VISIBILITY AND THE METHOD FOR THE PRODUCTION THEREOF**

[54] **CABLES ELECTRIQUES ET/OU DE TELECOMMUNICATIONS A GAINES INTEGRALES RETROREFLECHISSANTES POUR UNE UTILISATION DANS DES ENVIRONNEMENTS AGRESSIFS A VISIBILITE FAIBLE OU NULLE ET PROCEDE DE FABRICATION DE CES DERNIERS**

[72] PEREZ-SANCHEZ, ALFONSO, MX

[72] LABASTIDA-SANCHEZ, FERNANDO, MX

[72] CASTANEDA-GUTIERREZ, SERGIO, MX

[72] AGUILAR-AVILA, JONATHAN, MX

[71] SERVICIOS CONDUMEX, S.A. DE C.V., MX

[85] 2015-01-14

[86] 2013-10-30 (PCT/IB2013/002417)

[87] (WO2014/128522)

[30] MX (MX/a/2013/002017) 2013-02-20

[21] **2,879,124**
[13] A1

[51] **Int.Cl. C04B 24/26 (2006.01) C04B 28/02 (2006.01)**

[25] EN

[54] **ADDITIVE FOR HYDRAULICALLY SETTING COMPOSITIONS**

[54] **ADDITIF POUR MATIERES A PRISE HYDRAULIQUE**

[72] GADT, TORBEN, DE

[72] GRASSL, HARALD, DE

[72] KRAUS, ALEXANDER, DE

[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE

[85] 2015-01-14

[86] 2013-07-19 (PCT/EP2013/065353)

[87] (WO2014/013077)

[30] EP (12177399.8) 2012-07-20

[30] US (61/673,853) 2012-07-20

[21] **2,879,125**
[13] A1

[51] **Int.Cl. A43B 5/12 (2006.01) A43B 13/28 (2006.01)**

[25] EN

[54] **TAP FOR DANCE SHOE**

[54] **DEMI-SEMELLE DESTINEE A UNE CHAUSSURE DE DANSE**

[72] TSAI, CHANG-YEN, US

[71] BALLET MAKERS, INC., US

[85] 2015-01-14

[86] 2013-09-06 (PCT/US2013/058449)

[87] (WO2014/062306)

[30] US (13/654,559) 2012-10-18

[21] **2,879,126**
[13] A1

[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/403 (2006.01) A61K 31/4375 (2006.01) A61K 31/4725 (2006.01) A61K 31/5377 (2006.01) A61P 3/00 (2006.01) A61P 11/00 (2006.01) A61P 35/00 (2006.01) C07D 405/12 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **OCTAHYDRO-CYCLOPENTAPYRROLYL ANTAGONISTS OF CCR2**

[54] **ANTAGONISTES OCTAHYDRO-CYCLOPENTAPYRROLYL ANTI-CCR2**

[72] CAI, CHAOZHONG, US

[72] MCCOMSEY, DAVID F., US

[72] SUI, ZHIHUA, US

[72] KANG, FU AN, US

[71] JANSSEN PHARMACEUTICA NV, BE

[85] 2015-01-13

[86] 2013-07-16 (PCT/US2013/050665)

[87] (WO2014/014901)

[30] US (61/673,383) 2012-07-19

[21] **2,879,128**
[13] A1

[51] **Int.Cl. H04B 1/40 (2015.01) H04W 8/22 (2009.01)**

[25] EN

[54] **ADJUSTING MOBILE DEVICE STATE BASED ON USER INTENTIONS AND/OR IDENTITY**

[54] **AJUSTEMENT D'ETAT DE DISPOSITIF MOBILE SUR LA BASE D'INTENTIONS ET/OU D'IDENTITE D'UTILISATEUR**

[72] SCHILLINGS, BENOIT M., US

[72] GARCIA, DAVID HARRY, US

[71] FACEBOOK, INC., US

[85] 2015-01-12

[86] 2013-07-15 (PCT/US2013/050446)

[87] (WO2014/014800)

[30] US (13/554,838) 2012-07-20

[21] **2,879,129**
[13] A1

[51] **Int.Cl. B32B 5/02 (2006.01) B32B 1/08 (2006.01) B32B 5/28 (2006.01) F16L 11/02 (2006.01) F16L 55/18 (2006.01)**

[25] EN

[54] **LINER**

[54] **LINER POURVU D'UNE STRUCTURE FORMEE PAR TRICOTAGE CIRCULAIRE**

[72] KUBEL, JOHANN, AT

[71] KUBEL, JOHANN, AT

[85] 2015-01-15

[86] 2013-07-16 (PCT/AT2013/050136)

[87] (WO2014/012130)

[30] AT (A 791/2012) 2012-07-16

[21] **2,879,130**
[13] A1

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

[25] EN

[54] **APPARATUS AND METHOD FOR DETERMINING A PARAMETER INDICATIVE OF THE PROGRESS OF AN EXTRACORPOREAL BLOOD TREATMENT**

[54] **APPAREIL ET PROCEDE POUR DETERMINER UN PARAMETRE INDICATIF DE LA PROGRESSION D'UN TRAITEMENT SANGUIN EXTRACORPOREL**

[72] BENE, BERNARD, FR

[71] GAMBRO LUNDIA AB, SE

[85] 2015-01-14

[86] 2013-06-14 (PCT/IB2013/054875)

[87] (WO2014/013358)

[30] EP (12005255.0) 2012-07-18

[30] US (61/672,898) 2012-07-18

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[21] **2,879,131**
[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04B 10/114 (2013.01) A61C 17/00 (2006.01) A61L 9/14 (2006.01) B62B 19/00 (2006.01) G06F 19/00 (2011.01) G07F 11/00 (2006.01) G08B 21/18 (2006.01) H04B 11/00 (2006.01) H04L 12/28 (2006.01) H05B 41/00 (2006.01)**

[25] EN
[54] **HOME NETWORK OF CONNECTED CONSUMER DEVICES**
[54] **RESEAU DOMESTIQUE DE DISPOSITIFS DE CONSOMMATEUR CONNECTES**

[72] APTE, RAJ B., US
[72] HASENOEHL, ERIK JOHN, US
[72] PAULSON, CHRISTOPHER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-13
[86] 2013-07-17 (PCT/US2013/050822)
[87] (WO2014/014995)
[30] US (13/551,539) 2012-07-17

[21] **2,879,132**
[13] A1

[51] **Int.Cl. H01R 13/658 (2011.01) H01R 13/11 (2006.01)**

[25] EN
[54] **ELECTRICAL CONNECTOR AND METHOD OF ASSEMBLING SAME**
[54] **CONNECTEUR ELECTRIQUE ET SON PROCEDE D'ASSEMBLAGE**

[72] COLWELL, ROBERT, US
[71] ALLIED MOTION TECHNOLOGIES INC., US
[85] 2015-01-12
[86] 2013-07-15 (PCT/US2013/050507)
[87] (WO2014/012097)
[30] US (13/549,139) 2012-07-13

[21] **2,879,133**
[13] A1

[51] **Int.Cl. B64C 3/28 (2006.01) B64D 37/32 (2006.01)**

[25] FR
[54] **DEVICE FOR PROTECTING THE FRONT SPAR STRUCTURE OF A CENTRAL CASING OF AN AIRCRAFT WING AND AT LEAST ONE PIECE OF EQUIPMENT LOCATED IN SAID WING**
[54] **DISPOSITIF DE PROTECTION D'UNE STRUCTURE DE LONGERON AVANT D'UN CAISSON CENTRAL D'AILE D'AERONEF ET D'AU MOINS UN EQUIPEMENT SITUE DANS LADITE AILE**

[72] DAZET, FRANCIS, FR
[71] AIRBUS OPERATIONS, FR
[85] 2015-01-14
[86] 2013-06-20 (PCT/FR2013/051441)
[87] (WO2014/016484)
[30] FR (1257268) 2012-07-26

[21] **2,879,134**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/02 (2006.01) A61K 47/26 (2006.01) A61P 7/08 (2006.01)**

[25] EN
[54] **GLUCOSALINE MAINTENANCE SOLUTION FOR PEDIATRIC PARENTERAL ADMINISTRATION**
[54] **SOLUTION DE MAINTENANCE GLUCOSALINE DESTINEE A UNE ADMINISTRATION PARENTERALE PEDIATRIQUE**

[72] CALLIGARIS, LORENZO, IT
[72] GERMANI, CLAUDIO, IT
[72] ZANON, DAVIDE, IT
[71] IRCCS MATERNO-INFANTILE BURLO GAROFALO - OSPEDALE DI ALTA SPECIALIZZAZIONE E DI RILIEVO NAZIONALE PER LA SALUTE DELLA DONNA E DEL BAMBINO, IT
[85] 2015-01-14
[86] 2013-07-15 (PCT/IB2013/055827)
[87] (WO2014/013423)
[30] IT (RM2012A000341) 2012-07-17

[21] **2,879,135**
[13] A1

[51] **Int.Cl. B29C 70/24 (2006.01) B29C 70/48 (2006.01) B29C 70/54 (2006.01)**

[25] FR
[54] **METHOD FOR MANUFACTURING A T-SHAPED COMPOSITE PART BY RESIN-TRANSFER MOULDING**
[54] **PROCEDE DE FABRICATION D'UNE PIECE COMPOSITE EN T PAR MOULAGE PAR TRANSFERT DE RESINE**

[72] LERETOUR, DIDIER, FR
[72] LOUCHARD, SEBASTIEN, FR
[72] DUBOIS, LAURENT, FR
[72] DUPUIS, CLAIRE, FR
[71] AIRCELLE, FR
[85] 2015-01-14
[86] 2013-07-12 (PCT/FR2013/051673)
[87] (WO2014/013167)
[30] FR (12/57069) 2012-07-20

[21] **2,879,137**
[13] A1

[51] **Int.Cl. A61L 9/20 (2006.01)**

[25] EN
[54] **SYSTEMS AND METHODS FOR DISINFECTING AIR ON BOARD A PASSENGER TRANSPORT VEHICLE**
[54] **SYSTEMES ET PROCEDES POUR DESINFECTER L'AIR A BORD D'UN VEHICULE DE TRANSPORT DE PASSAGERS**

[72] BOODAGHIAN, RAZMIK B., US
[72] HUANG, KEVIN, US
[72] GOESCHEL, CHRISTOPH, US
[72] ORTOLAN, CHRISTINA, US
[72] CHAUHAN, VIKRAM, US
[71] MAG AEROSPACE INDUSTRIES, LLC, US
[85] 2015-01-12
[86] 2013-07-16 (PCT/US2013/050605)
[87] (WO2014/014865)
[30] US (61/671,902) 2012-07-16

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[21] **2,879,138**
[13] A1

[51] **Int.Cl. F42B 35/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MONITORING THE HEALTH STATUS OF A LIMITED LIFE CRITICAL SYSTEM**
[54] **DISPOSITIF POUR SURVEILLER L'ETAT DE SANTE D'UN SYSTEME CRITIQUE A DUREE DE VIE LIMITEE**
[72] BANCALLARI, LUCA, IT
[71] MBDA ITALIA S.P.A., IT
[85] 2015-01-14
[86] 2013-07-22 (PCT/EP2013/065381)
[87] (WO2014/016232)
[30] IT (RM2012A000353) 2012-07-23

[21] **2,879,139**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 38/08 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01)**
[25] EN
[54] **LIPOSOMAL COMPOSITIONS OF EPOXYKETONE-BASED PROTEASOME INHIBITORS**
[54] **COMPOSITIONS LIPOSOMALES D'INHIBITEURS DU PROTEASOME A BASE D'EPOXYCETONE**
[72] CHU, KATHERINE A., US
[72] CHAN, ELENA T., US
[72] FANG, YING, US
[72] JUMAA, MOUHANNAD, US
[72] KIRK, CHRISTOPHER JUSTIN, US
[72] MUCHAMUEL, TONY MARCEL, US
[72] WANG, ZHENGPING, US
[72] JIANG, JING, US
[72] JONES, JEFFREY JOSEPH, US
[71] ONYX THERAPEUTICS, INC., US
[85] 2015-01-13
[86] 2013-07-17 (PCT/US2013/050872)
[87] (WO2014/015027)
[30] US (61/673,017) 2012-07-18
[30] US (61/794,603) 2013-03-15

[21] **2,879,141**
[13] A1

[51] **Int.Cl. B65D 5/42 (2006.01)**
[25] EN
[54] **A CONTAINER FOR A HEALTH PRODUCT HOUSING INSIDE AN INFORMATION LEAFLET AND A METHOD FOR MAKING THE CONTAINER.**
[54] **RECEPTACLE POUR UN PRODUIT DE SANTE RENFERMANT UNE NOTICE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] FOLCHINI, ENRICO, IT
[72] COTTIGNOLI, TULLIO, IT
[72] CASAZZA, MARIO, IT
[71] ESSENTRA PACKAGING S.R.L., IT
[85] 2015-01-14
[86] 2013-07-17 (PCT/IB2013/055865)
[87] (WO2014/013441)
[30] IT (BO2012A000397) 2012-07-20

[21] **2,879,142**
[13] A1

[51] **Int.Cl. F01D 5/00 (2006.01) B23P 6/00 (2006.01)**
[25] FR
[54] **PART TO MODIFY THE PROFILE OF AN AERODYNAMIC JET**
[54] **PIECE DE MODIFICATION DU PROFIL D'UNE VEINE AERODYNAMIQUE**
[72] GILLANT, GREGORY NICOLAS GERALD, FR
[72] DOUSSEAUD, SYLVAIN, FR
[72] CLEMOT, STEPHANE, FR
[71] SNECMA, FR
[85] 2015-01-14
[86] 2013-07-24 (PCT/FR2013/051782)
[87] (WO2014/016515)
[30] FR (1257321) 2012-07-27

[21] **2,879,143**
[13] A1

[51] **Int.Cl. B64D 11/02 (2006.01) C02F 1/00 (2006.01) C02F 1/32 (2006.01) C02F 1/44 (2006.01) C02F 1/72 (2006.01) C02F 9/00 (2006.01) E03B 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TREATING GREY WATER ON-BOARD PASSENGER TRANSPORT VEHICLES**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'EAUX GRISES A BORD DE VEHICULES DE TRANSPORT DE PASSAGERS**
[72] BOODAGHIANS, RAZMIK B., US
[72] HUANG, KEVIN, US
[72] GOESCHEL, CHRISTOPH, US
[72] ORTOLAN, CHRISTINA, US
[72] CHAUHAN, VIKRAM, US
[71] MAG AEROSPACE INDUSTRIES, LLC, US
[85] 2015-01-12
[86] 2013-07-16 (PCT/US2013/050608)
[87] (WO2014/014866)
[30] US (61/672,826) 2012-07-18

[21] **2,879,144**
[13] A1

[51] **Int.Cl. B02C 19/00 (2006.01) A61J 3/02 (2006.01)**
[25] EN
[54] **PILL CRUSHING SYSTEM**
[54] **SYSTEME DE BROYAGE DE PILULES**
[72] HOHL, BRIAN, US
[72] BELL, BRIAN D., US
[72] DUFAUX, DOUGLAS, US
[72] ROWLANDS, DAVID, US
[71] FIRST WAVE PRODUCTS GROUP, LLC, US
[85] 2015-01-13
[86] 2013-07-26 (PCT/US2013/052298)
[87] (WO2014/018870)
[30] US (61/676,281) 2012-07-26

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[21] **2,879,145**
[13] A1

[51] **Int.Cl. G01B 11/00 (2006.01) G01B 11/245 (2006.01) G01B 11/275 (2006.01) G12B 13/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROCESSING STEREOSCOPIC VEHICLE INFORMATION**

[54] **SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES INFORMATIONS STEREOSCOPIQUES DE VEHICULE**

[72] STEVENS, GEORGE, US
[72] SRACK, ROBERT, US
[72] SRACK, JANET, US
[72] SRACK, THOMAS, US
[72] BAILEY, ROBERT, US
[72] ANZALONE, MARK, US
[71] MATRIX ELECTRONIC MEASURING PROPERTIES, LLC, US

[85] 2015-01-13
[86] 2013-07-19 (PCT/US2013/051303)
[87] (WO2014/015268)
[30] US (13/554,939) 2012-07-20

[21] **2,879,146**
[13] A1

[51] **Int.Cl. B64D 11/04 (2006.01) B01D 24/46 (2006.01) C02F 1/00 (2006.01)**

[25] EN

[54] **SCALE PREVENTION FOR AIRCRAFT WATER SYSTEM**

[54] **PREVENTION DU TARTRE POUR SYSTEME D'EAU SUR AVION**

[72] BOODAGHIANS, RAZMIK B., US
[72] HUANG, KEVIN, US
[72] GOESCHEL, CHRISTOPH, US
[72] ORTOLAN, CHRISTINA, US
[72] CHAUHAN, VIKRAM, US
[71] MAG AEROSPACE INDUSTRIES, LLC, US

[85] 2015-01-12
[86] 2013-07-16 (PCT/US2013/050639)
[87] (WO2014/014884)
[30] US (61/671,911) 2012-07-16

[21] **2,879,148**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 47/02 (2006.01) A61K 47/30 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **NANOCONSTRUCTS WITH PHARMACOLOGICAL ACTIVITY**

[54] **NANOCONSTRUCTIONS POSSEDANT UNE ACTIVITE PHARMACOLOGIQUE**

[72] GRANUCCI, FRANCESCA, IT
[72] PROSPERI, DAVIDE, IT
[72] ZANONI, IVAN, IT
[72] CORSI, FABIO RUGGERO MARIA, IT

[72] COLOMBO, MIRIAM, IT
[71] UNIVERSITA DEGLI STUDI DI MILANO - BICOCCA, IT
[71] UNIVERSITA' DEGLI STUDI DI MILANO, IT

[85] 2015-01-14
[86] 2013-07-19 (PCT/IB2013/055943)
[87] (WO2014/013473)
[30] IT (RM2012A000350) 2012-07-19

[21] **2,879,149**
[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) G08B 21/18 (2006.01) H04L 12/28 (2006.01) H05B 37/02 (2006.01)**

[25] EN

[54] **METHODS FOR NETWORKING CONSUMER DEVICES**

[54] **SYSTEMES ET PROCEDES DE MISE EN RESEAU DE DISPOSITIFS DE CONSOMMATEURS**

[72] APTE, RAJ B., US
[72] AHERN, SHANE PATRICK, US
[72] ISAACS, ELLEN, US
[72] PAULSON, CHRISTOPHER, US
[72] HASENOEHL, ERIK JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-14
[86] 2013-07-17 (PCT/US2013/050821)
[87] (WO2014/014994)
[30] US (13/551,551) 2012-07-17

[21] **2,879,150**
[13] A1

[51] **Int.Cl. B81C 1/00 (2006.01) B01L 3/00 (2006.01) G01N 15/14 (2006.01) G01N 33/543 (2006.01) B81C 99/00 (2010.01)**

[25] EN

[54] **METHOD FOR PRODUCING MICROCARRIERS**

[54] **PROCEDE POUR PRODUIRE DES MICRO-PORTEURS**

[72] TORNAY, RAPHAEL, CH
[72] DEMIERRE, NICOLAS, CH
[72] GAMPER, STEPHAN, CH
[72] RENAUD, PHILIPPE, CH
[71] MYCARTIS NV, BE

[85] 2015-01-14
[86] 2013-07-22 (PCT/EP2013/065442)
[87] (WO2014/016262)
[30] EP (12177718.9) 2012-07-24

[21] **2,879,151**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF (S)-3-4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE AND PHARMACEUTICALLY ACCEPTABLE FORMS THEREOF**

[54] **PROCEDES DE PREPARATION DE (S)-3-4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE ET DE SES FORMES PHARMACEUTIQUEMENT ACCEPTABLES**

[72] TRAVERSE, JOHN F., US
[72] ZHANG, CHENGMIN, US
[72] FEIGELSON, GREGG B., US
[72] COHEN, BENJAMIN M., US
[72] LEONG, WILLIAM W., US
[71] CELGENE CORPORATION, US

[85] 2015-01-14
[86] 2013-08-08 (PCT/US2013/054099)
[87] (WO2014/025978)
[30] US (61/681,477) 2012-08-09

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[21] **2,879,152**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **ENHANCED ADSERVING METRIC DETERMINATION**
[54] **DETERMINATION DE MESURE DE SERVICES DE PUBLICITE AMELIOREE**
[72] SMITH, MARTIN, US
[72] HILL, RON, US
[72] NEAL, GREG, US
[72] OLSON, DAVID, US
[71] TRUEFFECT, INC., US
[85] 2015-01-13
[86] 2013-07-15 (PCT/US2013/050572)
[87] (WO2014/012118)
[30] US (61/671,646) 2012-07-13
[30] US (61/767,802) 2013-02-22
[30] US (13/934,203) 2013-07-02
[30] US (13/934,204) 2013-07-02
[30] US (13/934,206) 2013-07-02

[21] **2,879,154**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A23D 9/00 (2006.01) C12N 15/11 (2006.01) C12N 15/52 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **NOVEL ENZYMES, ENZYME COMPONENTS AND USES THEREOF**
[54] **NOUVELLES ENZYMES, COMPOSANTS ENZYMATIQUES ET LEURS UTILISATIONS**
[72] MARTY, LAURENT, DE
[72] SENGER, TORALF, DE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2015-01-14
[86] 2013-07-30 (PCT/IB2013/056243)
[87] (WO2014/020533)
[30] US (61/679100) 2012-08-03
[30] EP (12179241.0) 2012-08-03

[21] **2,879,155**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/74 (2015.01) A61P 1/12 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **NON-PATHOGENIC F18 E. COLI STRAIN AND USE THEREOF**
[54] **SOUCHES D'E. COLI F18 NON PATHOGENE ET SON UTILISATION**
[72] FAIRBROTHER, JOHN MORRIS, CA
[72] NADEAU, ERIC, CA
[72] DESAUTELS, CLARISSE, CA
[71] PREVTEC MICROBIA INC., CA
[85] 2015-01-15
[86] 2013-07-18 (PCT/CA2013/000660)
[87] (WO2014/012172)
[30] US (61/674,179) 2012-07-20

[21] **2,879,156**
[13] A1

[51] **Int.Cl. H04W 4/18 (2009.01)**
[25] EN
[54] **HOME NETWORK OF CONNECTED CONSUMER DEVICES**
[54] **RESEAU DOMESTIQUE DE DISPOSITIFS CLIENTS CONNECTES**
[72] APTE, RAJ B., US
[72] HASENOEHL, ERIK JOHN, US
[72] PAULSON, CHRISTOPHER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-14
[86] 2013-07-17 (PCT/US2013/050823)
[87] (WO2014/014996)
[30] US (13/551,558) 2012-07-17

[21] **2,879,157**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 19/00 (2011.01) H04L 12/58 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **DISCOVERING AND RANKING TRENDING LINKS ABOUT TOPICS**
[54] **DECOUVERTE ET CLASSEMENT DE LIENS DE TENDANCE CONCERNANT DES SUJETS**
[72] SPIVACK, NOVA, US
[72] TER HEIDE, DOMINIEK, NL
[71] BOTTLENOSE, INC., US
[85] 2015-01-14
[86] 2013-07-31 (PCT/US2013/052981)
[87] (WO2014/022538)
[30] US (61/678,057) 2012-07-31
[30] US (61/678,565) 2012-08-01
[30] US (61/723,280) 2012-11-06

[21] **2,879,158**
[13] A1

[51] **Int.Cl. H02K 7/02 (2006.01) F16C 32/00 (2006.01) F16F 15/30 (2006.01)**
[25] EN
[54] **MAGNETICALLY COUPLED FLYWHEEL**
[54] **VOLANT D'INERTIE A COUPLAGE MAGNETIQUE**
[72] BEN DAVID, ILAN, IL
[72] ZOHAR, NIR, IL
[72] PINCU, DAVID, IL
[71] CHAKRATEC LTD., IL
[85] 2015-01-14
[86] 2013-07-24 (PCT/IL2013/050630)
[87] (WO2014/020593)
[30] US (61/677,056) 2012-07-30
[30] US (61/722,174) 2012-11-04
[30] US (61/773,158) 2013-03-06

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[21] **2,879,159**
[13] A1

[51] **Int.Cl. F01K 3/18 (2006.01) B01J 19/12 (2006.01) B60L 8/00 (2006.01) C01B 3/38 (2006.01) C01B 3/48 (2006.01) C10G 2/00 (2006.01) C10K 3/04 (2006.01) F22B 1/00 (2006.01) F24J 2/00 (2014.01) F24J 2/07 (2006.01) H01M 8/06 (2006.01)**

[25] EN

[54] **SOLAR THERMOCHEMICAL PROCESSING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE TRAITEMENT THERMOCHIMIQUE SOLAIRE**

[72] WEGENG, ROBERT S., US
[72] HUMBLE, PAUL H., US
[72] KRISHNAN, SHANKAR, US
[72] LEITH, STEVEN D., US
[72] PALO, DANIEL R., US
[72] DAGLE, ROBERT A., US
[71] BATTELLE MEMORIAL INSTITUTE, US

[85] 2015-01-13
[86] 2013-07-26 (PCT/US2013/052312)
[87] (WO2014/018878)
[30] US (13/559,127) 2012-07-26

[21] **2,879,161**
[13] A1

[51] **Int.Cl. A61G 1/02 (2006.01) A61G 1/04 (2006.01) A61G 1/056 (2006.01)**

[25] EN

[54] **AUTOMATED SYSTEMS FOR POWERED COTS**

[54] **SYSTEMES AUTOMATISES DESTINES A DES LITS PLIANTS ELECTRIQUES**

[72] VALENTINO, NICHOLAS V., US
[72] PALASTRO, MATHEW, US
[72] SHEN, ZHEN Y., US
[72] WELLS, TIMOTHY R., US
[72] SCHROEDER, TIMOTHY PAUL, US
[72] MARKHAM, JOSHUA JAMES, US
[72] POTAK, ROBERT L., US
[71] FERNO-WASHINGTON, INC., US

[85] 2015-01-14
[86] 2013-07-19 (PCT/US2013/051271)
[87] (WO2014/015255)
[30] US (61/673,971) 2012-07-20

[21] **2,879,162**
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01)**

[25] EN

[54] **ELECTRONIC DOOR LOCK ASSEMBLY PRELOAD COMPENSATION SYSTEM**

[54] **SYSTEME DE COMPENSATION DE PRECONTRAINTE D'ENSEMBLE VERROU DE PORTE ELECTRONIQUE**

[72] BATY, DAVID MATTHEW, US
[72] BEENE, DONALD LEE, US
[72] RETTIG, RAYMOND F., US
[72] AINLEY, WILLIAM B., US
[71] SCHLAGE LOCK COMPANY LLC, US

[85] 2015-01-13
[86] 2013-07-15 (PCT/US2013/050574)
[87] (WO2014/012119)
[30] US (61/671,511) 2012-07-13

[21] **2,879,163**
[13] A1

[51] **Int.Cl. H04W 84/18 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR NETWORKING CONSUMER DEVICES**

[54] **SYSTEMES ET PROCEDES DE MISE EN RESEAU DE DISPOSITIFS CLIENT**

[72] APTE, RAJ B., US
[72] PAULSON, CHRISTOPHER, US
[72] HASENOEHRL, ERIK JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-14
[86] 2013-07-17 (PCT/US2013/050825)
[87] (WO2014/014998)
[30] US (13/551,558) 2012-07-17

[21] **2,879,164**
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/88 (2006.01) C09K 8/92 (2006.01)**

[25] EN

[54] **METHODS FOR FORMING HIGHLY CONDUCTIVE PROPPED FRACTURES**

[54] **PROCEDES DE FORMATION DE FRACTURES ETAYEES FORTEMENT CONDUCTRICES**

[72] NGUYEN, PHILIP D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-13
[86] 2013-08-20 (PCT/US2013/055720)
[87] (WO2014/035724)
[30] US (13/597,597) 2012-08-29

[21] **2,879,165**
[13] A1

[51] **Int.Cl. C08B 37/00 (2006.01) A61K 38/02 (2006.01)**

[25] EN

[54] **GLYCAN COMPOSITIONS, PROCESSES FOR PREPARING THE SAME AND THEIR USES AS A DRUG**

[54] **COMPOSITIONS DE GLYCANES, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS EN TANT QUE MEDICAMENT**

[72] GUERARDEL, YANN, FR
[72] KITAJIMA, KEN, JP
[72] SAWADA, HITACHI, JP
[72] MEGRAUD, FRANCIS, FR
[72] FERRAND, JONATHAN, AU
[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE LILLE 1 SCIENCES ET TECHNOLOGIES, FR

[85] 2015-01-15
[86] 2013-07-30 (PCT/EP2013/066044)
[87] (WO2014/020047)
[30] EP (12305937.0) 2012-07-30

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[21] **2,879,166**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) H04N 21/854 (2011.01) H04L 12/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROVIDING VISUAL JOB INFORMATION AND JOB SEEKER'S INFORMATION**

[54] **SYSTEME ET PROCEDE DESTINES A FOURNIR DES INFORMATIONS VISUELLES SUR LE TRAVAIL ET DES INFORMATIONS SUR LES DEMANDEURS D'EMPLOI**

[72] SHIN, YOUNG JEA, US

[72] STANTON, ROGER, US

[71] JOB SEARCH TELEVISION NETWORK, INC., US

[85] 2015-01-13

[86] 2013-07-16 (PCT/US2013/050638)

[87] (WO2014/014883)

[30] US (13/551,404) 2012-07-17

[21] **2,879,167**
[13] A1

[51] **Int.Cl. C02F 1/40 (2006.01)**

[25] EN

[54] **INHIBITORS FOR ORGANICS SOLUBILIZED IN PRODUCED WATER**

[54] **INHIBITEURS DE SUBSTANCES ORGANIQUES SOLUBILISEES DANS L'EAU PRODUITE**

[72] LUCENTE-SCHULTZ, REBECCA M., US

[72] BOSCH, RONALD O., US

[72] BHANDARI, MANOJKUMAR, US

[72] PERRY, ROBERT, US

[71] ECOLAB USA INC., US

[85] 2015-01-13

[86] 2013-08-28 (PCT/US2013/057028)

[87] (WO2014/036109)

[30] US (61/693,999) 2012-08-28

[21] **2,879,168**
[13] A1

[51] **Int.Cl. B27G 13/10 (2006.01) B23C 5/20 (2006.01) B27L 11/00 (2006.01)**

[25] EN

[54] **KNIFE AND DISPOSABLE INSERTS**

[54] **COUTEAU ET PIECES INSEREES JETABLES**

[72] HINCHLIFF, THOMAS CHARLES, US

[71] KEY KNIFE, INC., US

[85] 2015-01-13

[86] 2013-07-23 (PCT/US2013/051650)

[87] (WO2014/018516)

[30] US (61/675,184) 2012-07-24

[30] US (13/752,108) 2013-01-28

[21] **2,879,170**
[13] A1

[51] **Int.Cl. G02B 6/293 (2006.01) G02B 6/28 (2006.01) H04J 14/02 (2006.01)**

[25] EN

[54] **POLARIZATION DIVERSE WAVELENGTH SELECTIVE SWITCH**

[54] **COMMUTATEUR SELECTIF DE LONGUEUR D'ONDE A DIVERSITE DE POLARISATION**

[72] FRISKEN, STEVEN JAMES, AU

[71] FINISAR CORPORATION, US

[85] 2015-01-14

[86] 2013-07-18 (PCT/US2013/051064)

[87] (WO2014/015129)

[30] US (61/673,580) 2012-07-19

[21] **2,879,171**
[13] A1

[51] **Int.Cl. G01N 1/08 (2006.01) G01N 1/42 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR ALIQUOTTING FROZEN SAMPLES**

[54] **APPAREIL ET PROCEDES POUR ALIQUOTER DES ECHANTILLONS CONGELES**

[72] CHIN, LARRY, US

[72] BASQUE, TODD, US

[72] BETTENCOURT, ALBERT J., III, US

[71] CRYOEXTRACT INSTRUMENTS, LLC, US

[85] 2015-01-13

[86] 2013-07-24 (PCT/US2013/051902)

[87] (WO2014/018681)

[30] US (61/675,016) 2012-07-24

[30] US (61/784,753) 2013-03-14

[21] **2,879,172**
[13] A1

[51] **Int.Cl. B60B 35/10 (2006.01)**

[25] FR

[54] **AXLE AND VEHICLE COMPRISING AT LEAST ONE SUCH AXLE**

[54] **ESSIEU ET VEHICULE COMPRENANT AU MOINS UN TEL ESSIEU**

[72] DAVID, ERIC, FR

[72] BEJI, SLAHEDDINE, FR

[71] HAULOTTE GROUP, FR

[85] 2015-01-15

[86] 2013-07-18 (PCT/EP2013/065204)

[87] (WO2014/013023)

[30] FR (1256988) 2012-07-19

[21] **2,879,174**
[13] A1

[51] **Int.Cl. G01R 31/02 (2006.01) G01R 31/04 (2006.01) G01R 31/40 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DETECTING A LOOSE ELECTRICAL CONNECTION IN A PHOTOVOLTAIC SYSTEM**

[54] **PROCEDE ET APPAREIL DE DETECTION D'UNE CONNEXION ELECTRIQUE FAIBLE DANS UN SYSTEME PHOTOVOLTAIQUE**

[72] LUEBKE, CHARLES JOHN, US

[72] ZHOU, XIN, US

[72] SHEA, JOHN J., US

[72] PAHL, BIRGER, US

[72] PIER, B. THOMAS, US

[71] EATON CORPORATION, US

[85] 2015-01-13

[86] 2013-09-10 (PCT/US2013/058927)

[87] (WO2014/043082)

[30] US (13/609,529) 2012-09-11

[21] **2,879,175**
[13] A1

[51] **Int.Cl. B23K 26/20 (2014.01) B23K 26/32 (2014.01)**

[25] EN

[54] **LASER WELDED SHAPED STEEL**

[54] **ACIER FACONNE SOUDE AU LASER**

[72] SAKURADA, YASUHIRO, JP

[72] NAKAKO, TAKEFUMI, JP

[72] ASADA, HIROSHI, JP

[71] NISSHIN STEEL CO., LTD., JP

[85] 2015-01-14

[86] 2012-07-26 (PCT/JP2012/068951)

[87] (WO2014/016935)

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[21] **2,879,176**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4192 (2006.01) A61K 31/4196 (2006.01) A61P 25/00 (2006.01) C07D 413/12 (2006.01)**

[25] EN

[54] **TRIAZOLE CARBOXAMIDE DERIVATIVES**

[54] **DERIVES TRIAZOLE CARBOXAMIDE**

[72] GALLEY, GUIDO, DE

[72] GHELLAMALLAH, CEDRIC, FR

[72] NORCROSS, ROGER, CH

[72] PFLIEGER, PHILIPPE, FR

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

[85] 2015-01-14

[86] 2013-09-13 (PCT/EP2013/068968)

[87] (WO2014/041106)

[30] EP (12184613.3) 2012-09-17

[21] **2,879,178**
[13] A1

[51] **Int.Cl. C12N 15/52 (2006.01) C12N 1/20 (2006.01)**

[25] EN

[54] **METHODS FOR STABILIZING PRODUCTION OF ACETYL-COENZYME A DERIVED COMPOUNDS**

[54] **METHODES DE STABILISATION DE LA PRODUCTION DE COMPOSES DERIVES DE L'ACETYL-COENZYME A**

[72] JIANG, HANXIAO, US

[72] MEADOWS, ADAM, US

[71] AMYRIS, INC., US

[71] TOTAL MARKETING SERVICES, FR

[85] 2015-01-13

[86] 2013-08-07 (PCT/US2013/054030)

[87] (WO2014/025941)

[30] US (61/680,687) 2012-08-07

[21] **2,879,179**
[13] A1

[51] **Int.Cl. B65G 63/00 (2006.01) B66C 17/20 (2006.01) B66C 19/00 (2006.01) B66C 23/82 (2006.01)**

[25] EN

[54] **OVERHEAD CRANE AND ASSEMBLY OF AT LEAST TWO OVERHEAD CRANES**

[54] **PONT ROULANT ET ENSEMBLE CONSTITUE D'AU MOINS DEUX PONTS ROULANTS**

[72] KOCH, FRANCISCUS, NL

[71] RAADGEVEND INGENIEURSBURO F. KOCH B.V., NL

[85] 2015-01-14

[86] 2013-07-05 (PCT/NL2013/050502)

[87] (WO2014/014342)

[30] NL (2009203) 2012-07-18

[30] NL (2009502) 2012-09-21

[21] **2,879,180**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 19/00 (2011.01) H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **METHODS AND SYSTEMS OF AGGREGATING INFORMATION OF SOCIAL NETWORKS BASED ON GEOGRAPHICAL LOCATIONS VIA A NETWORK**

[54] **PROCEDES ET SYSTEMES D'AGREGATION D'INFORMATIONS DE RESEAUX SOCIAUX SUR LA BASE DE SITUATIONS GEOGRAPHIQUES VIA UN RESEAU**

[72] BURRIS, BRANDON C., US

[71] SNAP TRENDS, INC., US

[85] 2014-09-05

[86] 2012-11-14 (PCT/US2012/065119)

[87] (WO2013/133870)

[30] US (61/607,971) 2012-03-07

[30] US (61/705,516) 2012-09-25

[21] **2,879,181**
[13] A1

[51] **Int.Cl. B62D 21/00 (2006.01)**

[25] EN

[54] **SUBFRAME FOR VEHICLE**

[54] **FAUX CADRE POUR VEHICULE**

[72] OHHAMA, SHOSUKE, JP

[72] MIYAHARA, TETSUYA, JP

[72] HATA, TSUNEHISA, JP

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

[85] 2015-01-14

[86] 2013-07-02 (PCT/JP2013/068114)

[87] (WO2014/017260)

[30] JP (2012-167616) 2012-07-27

[21] **2,879,183**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**

[25] EN

[54] **CARTRIDGE, SYSTEMS AND METHODS FOR PREPARATION OF BEVERAGES**

[54] **CARTOUCHE, SYSTEMES ET PROCEDES DE PREPARATION DE BOISSONS**

[72] HANSEN, NICK ANDREW, GB

[71] KRAFT FOODS R & D, INC., US

[85] 2015-01-13

[86] 2013-09-10 (PCT/US2013/058999)

[87] (WO2014/043106)

[30] US (13/612,487) 2012-09-12

[21] **2,879,184**
[13] A1

[51] **Int.Cl. A01G 9/22 (2006.01) A01G 13/02 (2006.01)**

[25] EN

[54] **CANOPY**

[54] **AUVENT**

[72] TOYE, JONATHAN, NZ

[71] EXTENDAY IP LIMITED, NZ

[85] 2015-01-14

[86] 2013-07-16 (PCT/NZ2013/000125)

[87] (WO2014/014365)

[30] NZ (601277) 2012-07-16

[30] NZ (605223) 2012-12-21

[30] NZ (608349) 2013-03-15

[30] NZ (609827) 2013-04-24

[30] NZ (610658) 2013-05-15

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[21] **2,879,185**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) C07K 16/18 (2006.01) C12N 15/02 (2006.01) C12P 21/08 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01) G01N 33/577 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTING CANCER**

[54] **PROCEDE DE DETECTION DE CANCER**

[72] IDO, TAKAYOSHI, JP

[72] OKANO, FUMIYOSHI, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2015-01-14

[86] 2013-07-19 (PCT/JP2013/069649)

[87] (WO2014/014086)

[30] JP (2012-160763) 2012-07-19

[21] **2,879,186**
[13] A1

[51] **Int.Cl. B64D 41/00 (2006.01)**

[25] FR

[54] **EMERGENCY POWER SUPPLY DEVICE FOR AN AIRCRAFT AND AIRCRAFT PROVIDED WITH SUCH A DEVICE**

[54] **DISPOSITIF D'ALIMENTATION DE SECOURS POUR AERONEF ET AERONEF POURVU D'UN TEL DISPOSITIF**

[72] MORA, JEROME, FR

[71] HISPANO-SUIZA, FR

[85] 2015-01-15

[86] 2013-07-11 (PCT/FR2013/051669)

[87] (WO2014/016492)

[30] FR (1257113) 2012-07-23

[21] **2,879,187**
[13] A1

[51] **Int.Cl. G06Q 50/34 (2012.01) G07F 17/32 (2006.01)**

[25] EN

[54] **GAMING TABLE TRACKING SYSTEM**

[54] **SYSTEME DE SUIVI DE TABLE DE JEU**

[72] LEE, JAMES, US

[72] VELDTMAN, MARIUS, CA

[71] INOTECH CASINO SOLUTIONS LLC, US

[85] 2015-01-13

[86] 2013-07-16 (PCT/US2013/050654)

[87] (WO2014/014896)

[30] US (61/672,818) 2012-07-18

[21] **2,879,188**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SUGGESTING COMESTIBLES**

[54] **SYSTEME ET PROCEDE POUR SUGGERER DES ALIMENTS COMESTIBLES**

[72] EBERHARDT, KEITH R., US

[72] MATUSHESKI, NATHAN V., US

[72] RUBIN, KRISTIN H., US

[72] SANJOY, ARLENE O., US

[71] INTERCONTINENTAL GREAT BRANDS LLC, US

[85] 2015-01-13

[86] 2013-09-27 (PCT/US2013/062134)

[87] (WO2014/052732)

[30] US (61/707,426) 2012-09-28

[21] **2,879,189**
[13] A1

[51] **Int.Cl. C02F 1/68 (2006.01) C02F 1/72 (2006.01) C02F 1/76 (2006.01)**

[25] EN

[54] **WATER TREATMENT SYSTEM**

[54] **SYSTEME DE TRAITEMENT D'EAU**

[72] SAYRE, CURTIS, US

[72] HANSEN, ZACH, US

[72] ROUSE, DAVID, US

[72] MCLEROY, ANNA FLORINE, US

[71] BIO-LAB, INC, US

[85] 2015-01-14

[86] 2013-05-08 (PCT/US2013/040039)

[87] (WO2014/018151)

[30] US (61/674,918) 2012-07-24

[30] US (13/854,363) 2013-04-01

[21] **2,879,190**
[13] A1

[51] **Int.Cl. G01N 21/31 (2006.01) G01M 3/38 (2006.01) G01N 21/85 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR MONITORING A SUBSEA ENVIRONMENT**

[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'UN ENVIRONNEMENT SOUS-MARIN**

[72] TUNHEIM, OLA, NO

[72] FREESE, ROBERT P., US

[72] ABNEY, LAURENCE JAMES, NO

[72] MACLENNAN, JAMES ROBERT, GB

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-13

[86] 2013-08-21 (PCT/US2013/055933)

[87] (WO2014/035749)

[30] US (13/598,693) 2012-08-30

[21] **2,879,191**
[13] A1

[51] **Int.Cl. H02J 7/02 (2006.01) H01M 10/42 (2006.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01)**

[25] EN

[54] **CHARGING/DISCHARGING DEVICE**

[54] **DISPOSITIF DE CHARGE/DECHARGE**

[72] DEWA, HARUTADA, JP

[72] HIWADA, KIYOYASU, JP

[72] SAITO, TOMOKAZU, JP

[72] TSUNOKUNI, KAZUYUKI, JP

[72] NAKAZAWA, AKIRA, JP

[71] KABUSHIKI KAISHA NIHON MICRONICS, JP

[71] GUALA TECHNOLOGY CO., LTD., JP

[85] 2015-01-14

[86] 2013-07-23 (PCT/JP2013/069864)

[87] (WO2014/017463)

[30] JP (PCT/JP2012/068678) 2012-07-24

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[21] **2,879,192**
[13] A1

[51] **Int.Cl. C10G 9/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **HYBRID THERMAL PROCESS TO SEPARATE AND TRANSFORM CONTAMINATED OR UNCONTAMINATED HYDROCARBON MATERIALS INTO USEFUL PRODUCTS, USES OF THE PROCESS, MANUFACTURING OF THE CORRESPONDING SYSTEM AND PLANT**

[54] **PROCEDE THERMIQUE HYBRIDE POUR SEPARER ET TRANSFORMER DES MATIERES HYDROCARBONEES CONTAMINEES OU NON CONTAMINEES EN PRODUITS UTILES, UTILISATIONS DE CE PROCEDE, FABRICATION DE SYSTEME CORRESPONDANT ET INSTALLATION**

[72] WHEELER, LUCIE B., CA
[72] BERTRAND, LOUIS, CA
[71] ENVIROLLEA INC., CA
[85] 2015-01-15
[86] 2013-02-13 (PCT/CA2013/050111)
[87] (WO2014/015423)
[30] CA (2,783,608) 2012-07-23

[21] **2,879,193**
[13] A1

[51] **Int.Cl. A23L 1/164 (2006.01) A23L 1/18 (2006.01) A23L 1/212 (2006.01) A23L 1/29 (2006.01)**
[25] FR
[54] **EXTRUDED AND DEHYDRATED PRODUCTS FOR BABY FOOD**

[54] **PRODUITS EXTRUDES DESHYDRATES POUR L'ALIMENTATION INFANTILE**

[72] NEAUD, FABIEN, FR
[72] FALQUERHO, HUGUES, FR
[72] RAPHEL, PATRICK, FR
[71] DIANA NATURALS, FR
[85] 2015-01-14
[86] 2013-07-16 (PCT/EP2013/065039)
[87] (WO2014/012950)
[30] FR (1256855) 2012-07-16

[21] **2,879,194**
[13] A1

[51] **Int.Cl. G07F 11/00 (2006.01) G07F 11/02 (2006.01) G07F 11/40 (2006.01) G07F 11/52 (2006.01)**
[25] EN
[54] **ADAPTABLE SOLID PRODUCT DISPENSER DISPLAY**

[54] **PRESENTOIR DE DISTRIBUTEUR ADAPTABLE DE PRODUITS SOLIDES**

[72] SOLA, RICARDO RODRIGUEZ, AR
[72] CAETANO, MARCELO DE MELLO PAIVA, BR
[72] DA SILVA, DANIEL TABOADA DIAS, BR
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2015-01-13
[86] 2013-08-23 (PCT/US2013/056330)
[87] (WO2014/031927)
[30] US (61/692,865) 2012-08-24

[21] **2,879,195**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4192 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **FUSED TRIAZOLE DERIVATIVES AS GAMMA SECRETASE MODULATORS**

[54] **DERIVES DE TRIAZOLE FUSIONNES EN TANT QUE MODULATEURS DE GAMMA SECRETASE**

[72] WHITTAKER, BEN, GB
[72] STEELE, CHRIS, GB
[72] HARDICK, DAVID, GB
[72] MITCHELL, DALE, GB
[72] POMEL, VINCENT, FR
[72] QUATTROPANI, ANNA, CH
[72] BEHER, DIRK, CH
[71] ARES TRADING S.A., CH
[85] 2015-01-15
[86] 2013-06-14 (PCT/EP2013/001774)
[87] (WO2014/012614)
[30] EP (12176726.3) 2012-07-17
[30] US (61/672,436) 2012-07-17

[21] **2,879,196**
[13] A1

[51] **Int.Cl. H02M 5/458 (2006.01) G21K 5/00 (2006.01)**
[25] EN
[54] **POWER SOURCES**

[54] **SOURCES DE PUISSANCE**

[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] IP, KENNY KIN-CHUI, US
[71] XYLECO, INC., US
[85] 2015-01-13
[86] 2013-07-16 (PCT/US2013/050682)
[87] (WO2014/014912)
[30] US (61/672,377) 2012-07-17

[21] **2,879,197**
[13] A1

[51] **Int.Cl. H01M 14/00 (2006.01) C09B 57/10 (2006.01) H01L 31/04 (2014.01)**
[25] EN
[54] **PHOTOELECTRIC CONVERSION LAYER COMPOSITION AND PHOTOELECTRIC CONVERSION ELEMENT**

[54] **COMPOSITION DE COUCHE DE CONVERSION PHOTOELECTRIQUE ET ELEMENT DE CONVERSION PHOTOELECTRIQUE**

[72] FUKUI, KAZUHISA, JP
[72] SAKURAI, MAMI, JP
[71] DAICEL CORPORATION, JP
[85] 2015-01-14
[86] 2013-07-24 (PCT/JP2013/070037)
[87] (WO2014/017535)
[30] JP (2012-167204) 2012-07-27

[21] **2,879,198**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CARTRIDGES, SYSTEMS AND METHODS FOR PREPARATION OF BEVERAGES**

[54] **CARTOUCHES, SYSTEMES ET PROCEDES DE PREPARATION DE BOISSONS**

[72] NORTON, MARK RICHARD THOMAS, US
[72] HANSEN, NICK ANDREW, GB
[72] YORK, GEOFFREY, GB
[71] KRAFT FOODS R & D, INC., US
[85] 2015-01-13
[86] 2013-09-10 (PCT/US2013/058993)
[87] (WO2014/043102)
[30] US (13/612,528) 2012-09-12

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[21] **2,879,199**
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **PROCESS FOR DESIGNING DIVERGED, CODON-OPTIMIZED LARGE REPEATED DNA SEQUENCES**
[54] **PROCEDE DE CONCEPTION DE GRANDES SEQUENCES D'ADN REPETEES A DIVERGENCE ET OPTIMISATION DE CODONS**
[72] MERLO, DONALD J., US
[72] LARRINUA, IGNACIO, US
[72] BEVAN, SCOTT, US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-13
[86] 2013-07-16 (PCT/US2013/050744)
[87] (WO2014/014950)
[30] US (61/672,114) 2012-07-16

[21] **2,879,200**
[13] A1

[51] **Int.Cl. G01T 1/169 (2006.01) G01T 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR MEASURING THE ACTIVITY OF A PHOTON EMISSION SOURCE**
[54] **PROCEDE DE MESURE DE L'ACTIVITE D'UNE SOURCE D'EMISSION DE PHOTONS**
[72] PANZA, FABIEN, FR
[72] GURRARIAN, RODOLFO, FR
[71] INSTITUT DE RADIOPROTECTION ET DE SURETE NUCLEAIRE, FR
[85] 2015-01-14
[86] 2013-07-19 (PCT/EP2013/065266)
[87] (WO2014/013047)
[30] FR (1257004) 2012-07-19

[21] **2,879,201**
[13] A1

[51] **Int.Cl. H04J 11/00 (2006.01)**
[25] EN
[54] **BLIND DECODING FOR AN ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL (EPDCCH)**
[54] **DECODAGE A L'AVEUGLE POUR CANAL DE COMMANDE DE LIAISON DESCENDANTE PHYSIQUE AMELIORE (EPDCCH)**
[72] CHEN, XIAOGANG, CN
[72] HAN, SEUNGHEE, KR
[72] ZHU, YUAN, CN
[72] LI, QINGHUA, US
[71] INTEL CORPORATION, US
[85] 2015-01-13
[86] 2013-09-17 (PCT/US2013/060057)
[87] (WO2014/052088)
[30] US (61/707,784) 2012-09-28
[30] US (13/931,102) 2013-06-28

[21] **2,879,202**
[13] A1

[51] **Int.Cl. F15B 13/042 (2006.01) E02F 9/22 (2006.01) F15B 11/028 (2006.01)**
[25] EN
[54] **HYDRAULIC SYSTEM FOR CONSTRUCTION MACHINE**
[54] **SYSTEME HYDRAULIQUE POUR ENGIN DE CHANTIER**
[72] BAE, SANG-KI, KR
[72] LEE, JAE-HOON, KR
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-01-14
[86] 2012-07-27 (PCT/KR2012/006024)
[87] (WO2014/017685)

[21] **2,879,203**
[13] A1

[51] **Int.Cl. B65D 77/04 (2006.01) B65D 77/20 (2006.01) B65D 81/26 (2006.01)**
[25] EN
[54] **PACKAGING FOR A PRODUCT COMPRISING AT LEAST ONE HYGROSCOPIC FLOWABLE SOLID**
[54] **EMBALLAGE POUR UN PRODUIT CONTENANT AU MOINS UN SOLIDE HYGROSCOPIQUE COULANT**
[72] KRANZ, RALF, DE
[71] MERCK PATEN GMBH, DE
[85] 2015-01-15
[86] 2013-07-05 (PCT/EP2013/001994)
[87] (WO2014/012633)
[30] EP (12005230.3) 2012-07-17
[30] US (61/672,405) 2012-07-17
[30] FR (1257772) 2012-08-10
[30] DE (20 2012 007 804.6) 2012-08-14
[30] US (13/586,098) 2012-08-15
[30] ES (U201230889) 2012-08-21
[30] PL (W.121296) 2012-08-27
[30] AT (GM 347/2012) 2012-08-30
[30] JP (JP2012-006065) 2012-10-04

[21] **2,879,204**
[13] A1

[51] **Int.Cl. G08B 21/02 (2006.01)**
[25] EN
[54] **EMERGENCY DETECTION AND RESPONSE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTION D'URGENCE ET DE REPONSE**
[72] MIHAILIDIS, ALEX, CA
[72] HOEY, JESSE, CA
[72] GIESBRECHT, DAVID, CA
[72] LEE, TRACY, CA
[72] YOUNG, VICKY, CA
[72] HAMILL, MELINDA HELENE, CA
[72] BOGER, JENNIFER, CA
[72] LOBOS, JOHN PAUL, US
[72] TAATI, BABAK, CA
[72] IOANNOU, YANI A., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2015-01-15
[86] 2011-10-21 (PCT/CA2011/001168)
[87] (WO2013/056335)

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[21] **2,879,205**
[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04L 12/28 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEM FOR NETWORKING CONSUMER DEVICES**

[54] **SYSTEMES ET PROCEDES DE MISE EN RESEAU DE DISPOSITIFS DE CONSOMMATEURS**

[72] APTE, RAJ B., US

[72] PAULSON, CHRISTOPHER, US

[72] HASENOEHL, ERIK JOHN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-13

[86] 2013-07-17 (PCT/US2013/050824)

[87] (WO2014/014997)

[30] US (13/551,539) 2012-07-17

[21] **2,879,206**
[13] A1

[51] **Int.Cl. H04B 7/26 (2006.01)**

[25] EN

[54] **COMMUNICATION OF PREFERRED POWER CONSUMPTION CONFIGURATIONS**

[54] **COMMUNICATION DE CONFIGURATIONS DE CONSOMMATION DE PUISSANCE PREFEREES**

[72] KOC, ALI T., US

[72] JHA, SATISH C., US

[72] VANNITHAMBY, RATH, US

[72] GUPTA, MARUTI, US

[71] INTEL CORPORATION, US

[85] 2015-01-13

[86] 2013-09-27 (PCT/US2013/062172)

[87] (WO2014/052751)

[30] US (61/707,784) 2012-09-28

[21] **2,879,207**
[13] A1

[51] **Int.Cl. C07K 7/64 (2006.01) A61K 38/12 (2006.01)**

[25] EN

[54] **COMBINATIONS WITH A BACKBONE-CYCLIZED PEPTIDE**

[54] **COMBINAISONS AVEC UN PEPTIDE A SQUELETTE CYCLISE**

[72] DALE, GLENN E., CH

[72] OBRECHT, DANIEL, CH

[72] BERNARDINI, FRANCESCA, FR

[71] POLYPHOR AG, CH

[85] 2015-01-14

[86] 2013-08-07 (PCT/EP2013/066530)

[87] (WO2014/023757)

[30] EP (12005744.3) 2012-08-08

[21] **2,879,208**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61K 47/34 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **LIPOSOMAL COMPOSITIONS OF EPOXYKETONE-BASED PROTEASOME INHIBITORS**

[54] **COMPOSITIONS LIPOSOMALES CONTENANT DES INHIBITEURS DU PROTEASOME A BASE D'EPOXYCETONE**

[72] CHU, KATHERINE A., US

[72] CHAN, ELENA T., US

[72] FANG, YING, US

[72] JUMAA, MOUHANNAD, US

[72] KIRK, CHRISTOPHER JUSTIN, US

[72] MUCHAMUEL, TONY MARCEL, US

[72] WANG, ZHENGPIG, US

[72] JIANG, JING, US

[72] JONES, JEFFREY JOSEPH, US

[71] ONYX THERAPEUTICS, INC., US

[85] 2015-01-13

[86] 2013-07-17 (PCT/US2013/050853)

[87] (WO2014/015016)

[30] US (61/673,017) 2012-07-18

[30] US (61/794,603) 2013-03-15

[21] **2,879,209**
[13] A1

[51] **Int.Cl. A23L 1/236 (2006.01) A23L 1/22 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING GALACTOSE FROM LARCH AND METHOD FOR PREPARING TAGATOSE USING GALACTOSE**

[54] **PROCEDE DE PREPARATION DE GALACTOSE A PARTIR DE MELEZE ET PROCEDE DE PREPARATION DE TAGATOSE A L'AIDE DE GALACTOSE**

[72] YANG, SUNG JAE, KR

[72] KIM, MIN HAE, KR

[72] LEE, YOUNG MI, KR

[72] KIM, YANG HEE, KR

[72] KIM, JIN HA, KR

[72] JEONG, JAE HOON, KR

[72] CHOI, JONG MIN, KR

[72] KIM, SEUNG BO, KR

[72] PARK, SEUNG WON, KR

[71] CJ CHEILJEDANG CORPORATION, KR

[85] 2015-01-14

[86] 2013-07-24 (PCT/KR2013/006603)

[87] (WO2014/017814)

[30] KR (10-2012-0080975) 2012-07-25

[21] **2,879,210**
[13] A1

[51] **Int.Cl. A61N 2/08 (2006.01)**

[25] EN

[54] **MAGNETICALLY LEVITATED SPINOUS PROCESS IMPLANT**

[54] **IMPLANT D'APOPHYSE EPINEUSE A LEVITATION MAGNETIQUE**

[72] COOK, STEPHEN D., US

[72] SALKELD, SAMANTHA L., US

[71] FELLOWSHIP OF ORTHOPAEDIC RESEARCHERS, LLC, US

[85] 2015-01-13

[86] 2013-07-17 (PCT/US2013/050929)

[87] (WO2014/015061)

[30] US (61/672,684) 2012-07-17

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[21] **2,879,211**
[13] A1

[51] **Int.Cl. A47G 9/10 (2006.01) A47C 27/14 (2006.01) A47C 27/15 (2006.01)**

[25] EN

[54] **PILLOW AND MATTRESS PAD SYSTEM WITH VARIABLE ZONES OF ELASTICITY**

[54] **SYSTEME DE SUR-MATELAS OU D'OREILLER DOTE DE ZONES D'ELASTICITE VARIABLES**

[72] ZYSMAN, SIMON, CA

[71] ZYSMAN, SIMON, CA

[85] 2015-01-15

[86] 2012-07-13 (PCT/CA2012/050484)

[87] (WO2013/010273)

[30] US (61/508,274) 2011-07-15

[30] US (61/542,458) 2011-10-03

[21] **2,879,212**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING BIOFUEL USING A PRE-TREATED DEOXYGENATED STREAM**

[54] **PROCEDE DE FABRICATION DE BIOCARBURANT A L'AIDE D'UN COURANT DESOXYGENE PRETRAITE**

[72] LIN, RONNY W., US

[72] BAUER, LORENZ J., US

[71] KIOR, INC., US

[85] 2015-01-13

[86] 2013-07-18 (PCT/US2013/051091)

[87] (WO2014/015145)

[30] US (13/553,742) 2012-07-19

[21] **2,879,213**
[13] A1

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

[25] EN

[54] **LATERAL WELLBORE CONFIGURATIONS WITH INTERBEDDED LAYER**

[54] **CONFIGURATIONS LATERALES DE Puits DE FORAGE A COUCHE INTERSTRATIFIEE**

[72] CARRIZALES, MAYLIN, US

[72] MENARD, WENDELL, US

[71] CONOCOPHILLIPS COMPANY, US

[85] 2015-01-14

[86] 2013-06-07 (PCT/US2013/044666)

[87] (WO2013/188225)

[30] US (61/659,573) 2012-06-14

[30] US (13/911,649) 2013-06-06

[21] **2,879,214**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **BIOMARKERS FOR EARLY DETERMINATION OF A CRITICAL OR LIFE THREATENING RESPONSE TO ILLNESS AND MONITORING RESPONSE TO TREATMENT THEREOF**

[54] **BIOMARQUEURS POUR LA DETERMINATION PRECOCE D'UNE REPOSE CRITIQUE OU MENACANTE POUR LA VIE VIS-A-VIS D'UNE MALADIE, ET SURVEILLANCE ASSOCIEE D'UNE REPOSE VIS-A-VIS D'UN TRAITEMENT**

[72] KAIN, KEVIN, CA

[72] LILES, CONRAD W., US

[72] ERDMAN, LAURA, CA

[72] CONROY, ANDREA, CA

[71] UNIVERSITY HEALTH NETWORK, CA

[85] 2014-08-27

[86] 2013-02-27 (PCT/CA2013/000192)

[87] (WO2013/127000)

[30] US (61/603,765) 2012-02-27

[21] **2,879,215**
[13] A1

[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/08 (2006.01) A61B 5/087 (2006.01) A61B 5/097 (2006.01)**

[25] EN

[54] **RESPIRATION MONITORING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA RESPIRATION**

[72] FELDMAN, DORON, US

[72] LERMAN, JERROLD, US

[72] FELDMAN, RONEN, US

[72] MOSER, JOHN, US

[72] FELDMAN, URI, US

[71] LINSHOM, L.P., US

[85] 2015-01-14

[86] 2013-07-08 (PCT/US2013/049511)

[87] (WO2014/018246)

[30] US (13/553,070) 2012-07-19

[21] **2,879,216**
[13] A1

[51] **Int.Cl. G06K 19/16 (2006.01) B60R 13/10 (2006.01) G06K 19/07 (2006.01) H01Q 19/06 (2006.01)**

[25] EN

[54] **VEHICLE IDENTIFICATION MEANS**

[54] **MOYEN D'IDENTIFICATION DE VEHICULE**

[72] BEENKEN, BJORN, DE

[71] TONNJES ISI PATENT HOLDING GMBH, DE

[85] 2015-01-15

[86] 2013-07-22 (PCT/EP2013/002161)

[87] (WO2014/012676)

[30] DE (10 2012 106 594.2) 2012-07-20

[21] **2,879,217**
[13] A1

[51] **Int.Cl. E01F 9/012 (2006.01)**

[25] EN

[54] **A STACKABLE AND HAND TRANSPORTABLE TRAFFIC MANAGEMENT DEVICE**

[54] **DISPOSITIF PORTABLE ET EMPILABLE DE GESTION DE LA CIRCULATION**

[72] ARCHER, GEOFFREY RUSSELL, CA

[71] ARCHER, GEOFFREY RUSSELL, CA

[85] 2015-01-15

[86] 2012-10-11 (PCT/CA2012/050717)

[87] (WO2013/053061)

[30] US (61/627,303) 2011-10-11

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[21] **2,879,219**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY OF INHIBITORS FOR IGF1R AND PI3K**

[54] **POLYTHERAPIE A BASE D'INHIBITEURS D'IGF1R ET DE LA PI3K**

[72] HUANG, XIZHONG, US
[72] PETERS, MALTE, CH
[72] SCHUMACHER, KARL MARIA, DE
[72] CAO, ZHU ALEXANDER, US
[72] GANSERT, JENNIFER LORRAINE, US
[72] CHANG, DAVID DONG EUN, US
[71] NOVARTIS AG, CH
[71] AMGEN INC., US
[85] 2015-01-13
[86] 2013-07-19 (PCT/US2013/051345)
[87] (WO2014/015280)
[30] US (61/673,809) 2012-07-20
[30] US (61/759,490) 2013-02-01

[21] **2,879,220**
[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01) G06M 15/00 (2011.01) G06T 7/00 (2006.01)**

[25] EN

[54] **KERNEL COUNTER**

[54] **COMPTEUR DE GRAINS**

[72] NAGARAJ, NANDI, US
[72] PAI, REETAL, US
[72] SETLUR, PRADEEP, US
[72] WRIGHT, TERRY R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-13
[86] 2013-07-22 (PCT/US2013/051423)
[87] (WO2014/018427)
[30] US (61/674,602) 2012-07-23

[21] **2,879,221**
[13] A1

[51] **Int.Cl. C09K 11/06 (2006.01) C07F 15/00 (2006.01)**

[25] EN

[54] **NEW IRIIDIUM-BASED COMPLEXES FOR ECL**

[54] **NOUVEAUX COMPLEXES A BASE D'IRIDIUM POUR ECL**

[72] BERGMANN, FRANK, DE
[72] CYSEWSKI, ROBERT, PL
[72] DE COLA, LUISA, FR
[72] DZIADEK, SEBASTIAN, DE
[72] FERNANDEZ HERNANDEZ, JESUS MIGUEL, ES
[72] JOSEL, HANS-PETER, DE
[72] SEIDEL, CHRISTOPH, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-15
[86] 2013-08-02 (PCT/EP2013/002323)
[87] (WO2014/019709)
[30] EP (12179054.7) 2012-08-02

[21] **2,879,222**
[13] A1

[51] **Int.Cl. A61K 31/455 (2006.01) A61K 9/00 (2006.01) A61P 9/10 (2006.01)**

[25] EN

[54] **NICOTINAMIDE DERIVATE IN THE TREATMENT OF ACUTE CORONARY SYNDROME**

[54] **DERIVE DE NICOTINAMIDE UTILISE DANS LE TRAITEMENT DU SYNDROME CORONARIEN AIGU (ACS)**

[72] GHIRARDI, MICHELE, GB
[72] GREENHALGH, DAVID, GB
[72] SPRECHER, DENNIS L., US
[72] WILLETTE, ROBERT NICHOLAS, US
[71] GLAXOSMITHKLINE LLC, US
[85] 2015-01-14
[86] 2013-07-09 (PCT/US2013/049703)
[87] (WO2014/014706)
[30] US (61/672,439) 2012-07-17

[21] **2,879,223**
[13] A1

[51] **Int.Cl. C23C 16/458 (2006.01) C23C 16/04 (2006.01) C23C 16/26 (2006.01) C23C 16/46 (2006.01)**

[25] EN

[54] **CHEMICAL VAPOUR INFILTRATION APPARATUS HAVING A HIGH LOADING CAPACITY**

[54] **INSTALLATION D'INFILTRATION CHIMIQUE EN PHASE VAPEUR A HAUTE CAPACITE DE CHARGEMENT**

[72] BERTRAND, SEBASTIEN, FR
[72] LAMOUROUX, FRANCK, FR
[72] GOUJARD, STEPHANE, FR
[72] DESCAMPS, CEDRIC, FR
[71] HERAKLES, FR
[85] 2015-01-15
[86] 2013-07-12 (PCT/FR2013/051674)
[87] (WO2014/013168)
[30] FR (1257012) 2012-07-19

[21] **2,879,224**
[13] A1

[51] **Int.Cl. B60H 1/34 (2006.01) B61D 17/08 (2006.01) B61D 17/12 (2006.01) B61D 27/00 (2006.01)**

[25] EN

[54] **AIR DUCT SYSTEM FOR A RAIL VEHICLE OF PASSENGER TRAFFIC**

[54] **SYSTEME DE CONDUITS D'AIR POUR UN VEHICULE FERROVIAIRE DESTINE AU TRANSPORT DE PERSONNES**

[72] BRENDDEL, THOMAS, DE
[72] MATHIA, UTE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-01-15
[86] 2013-06-11 (PCT/EP2013/061966)
[87] (WO2014/012711)
[30] DE (10 2012 212 466.7) 2012-07-17

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[21] **2,879,226**
[13] A1

[51] **Int.Cl. G01R 23/12 (2006.01)**
[25] EN
[54] **FREQUENCY DETERMINATION CIRCUIT AND METHOD**
[54] **CIRCUIT ET PROCEDE DE DETERMINATION DE FREQUENCE**
[72] NICHOLLS, CHARLES WILLIAM TREMLETT, CA
[72] HAMDANE, WALID, CA
[71] NANOWAVE TECHNOLOGIES INC., CA
[85] 2015-01-15
[86] 2013-07-08 (PCT/CA2013/050524)
[87] (WO2014/012179)
[30] US (13/549,708) 2012-07-16

[21] **2,879,227**
[13] A1

[51] **Int.Cl. C08K 5/3445 (2006.01) B60C 1/00 (2006.01) C08K 3/04 (2006.01) C08L 15/02 (2006.01) C08L 23/22 (2006.01)**
[25] EN
[54] **ELASTOMERIC MATERIALS AND USE THEREOF**
[54] **MATERIAUX ELASTOMERES ET LEUR UTILISATION**
[72] KAVIMANI NAGAR, PRABHU, DE
[72] JURK, RENE, DE
[72] STOCKELHUBER, KLAUS WERNER, DE
[72] DAS, AMIT, DE
[72] LEUTERITZ, ANDREAS, DE
[72] HEINRICH, GERT, DE
[72] ADHIKARI, BASUDAM, IN
[71] LEIBNIZ-INSTITUT FUR POLYMERFORSCHUNG DRESDEN E.V., DE
[85] 2015-01-15
[86] 2013-07-09 (PCT/EP2013/064465)
[87] (WO2014/012819)
[30] DE (10 2012 212 422.5) 2012-07-16

[21] **2,879,228**
[13] A1

[51] **Int.Cl. A61K 39/145 (2006.01) A61P 31/04 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **ATTENUATED SWINE INFLUENZA VACCINES AND METHODS OF MAKING AND USE THEREOF**
[54] **VACCINS ATTENUES DE LA GRIPPE PORCINE ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
[72] HAUSE, BENJAMIN M., US
[71] Merial LIMITED, US
[85] 2015-01-14
[86] 2013-07-11 (PCT/US2013/050000)
[87] (WO2014/014726)
[30] US (61/672,398) 2012-07-17

[21] **2,879,230**
[13] A1

[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/36 (2006.01) A61F 5/56 (2006.01)**
[25] FR
[54] **INTRABUCCAL DEVICE COMPRISING BITE TRAYS AND CONNECTED RODS**
[54] **DISPOSITIF INTRABUCCAL A GOUTTIERES DENTAIRES ET BIELLES**
[72] VINCENT, THIBAUT, FR
[71] ONIRIS, FR
[85] 2015-01-15
[86] 2013-07-17 (PCT/FR2013/051726)
[87] (WO2014/016495)
[30] FR (1257158) 2012-07-24

[21] **2,879,231**
[13] A1

[51] **Int.Cl. H03B 5/00 (2006.01) H03L 7/24 (2006.01)**
[25] EN
[54] **ULTRA LOW PHASE NOISE SIGNAL SOURCE**
[54] **SOURCE DE SIGNAL DE BRUIT A PHASE ULTRA BASSE**
[72] NICHOLLS, CHARLES WILLIAM TREMLETT, CA
[72] HAMDANE, WALID, CA
[71] NANOWAVE TECHNOLOGIES INC., CA
[85] 2015-01-15
[86] 2013-07-08 (PCT/CA2013/050525)
[87] (WO2014/012180)
[30] US (13/549,698) 2012-07-16

[21] **2,879,232**
[13] A1

[51] **Int.Cl. D02G 3/44 (2006.01) D07B 1/02 (2006.01)**
[25] EN
[54] **ABRASION RESISTANT PRODUCT**
[54] **PRODUIT RESISTANT A L'ABRASION**
[72] VLASBLOM, MARTIN PIETER, NL
[72] DIRKS, CHRISTIAAN HENRI PETER, NL
[72] VAN WUNNIK, JOHANNA MARGARETHA, NL
[71] DSM IP ASSETS B.V., NL
[85] 2015-01-15
[86] 2013-07-15 (PCT/EP2013/064932)
[87] (WO2014/012898)
[30] EP (12176778.4) 2012-07-17

[21] **2,879,233**
[13] A1

[51] **Int.Cl. F24C 15/00 (2006.01) F24C 3/00 (2006.01) F24C 15/08 (2006.01)**
[25] EN
[54] **REFRACTORY COOKING DEVICES**
[54] **DISPOSITIFS DE CUISSON REFRACTAIRES**
[72] CASE, TIMOTHY, M., US
[71] CASE, TIMOTHY, M., US
[85] 2015-01-14
[86] 2013-07-12 (PCT/US2013/050350)
[87] (WO2014/014782)
[30] US (61/671,725) 2012-07-14

[21] **2,879,236**
[13] A1

[51] **Int.Cl. A61K 31/416 (2006.01) A61K 31/404 (2006.01)**
[25] EN
[54] **MINERALOCORTICOID RECEPTOR ANTAGONISTS**
[54] **ANTAGONISTES DES RECEPTEURS AUX MINERALOCORTICOIDES**
[72] CERNAK, TIMOTHY A., US
[72] DYKSTRA, KEVIN D., US
[72] SHEN, DONG-MING, US
[72] LIU, KUN, US
[72] STAMFORD, ANDREW, US
[72] TAN, JOHN QIANG, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2015-01-14
[86] 2013-07-15 (PCT/US2013/050427)
[87] (WO2014/014794)
[30] US (61/673,615) 2012-07-19
[30] US (61/673,592) 2012-07-19

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[21] **2,879,237**
[13] A1

[51] **Int.Cl. B65B 31/04 (2006.01) B65B 5/04 (2006.01)**

[25] EN

[54] **IMPROVED COMPRESSIBLE FURNITURE ASSEMBLIES**

[54] **ENSEMBLES DE MEUBLE COMPRESSIONNABLES AMELIORES**

[72] GRILL, CHARLES, CA

[72] RINZLER, LARRY, CA

[72] PINCHUK, RICHARD, CA

[71] LOUNGE AND CO., CA

[85] 2015-01-15

[86] 2013-07-26 (PCT/CA2013/050584)

[87] (WO2014/015440)

[30] US (61/676,161) 2012-07-26

[21] **2,879,238**
[13] A1

[51] **Int.Cl. C07D 217/26 (2006.01)**

[25] EN

[54] **PROCESS FOR MAKING ISOQUINOLINE COMPOUNDS**

[54] **PROCEDE DE FABRICATION DE COMPOSES ISOQUINOLEINE**

[72] THOMPSON, MICHAEL D., US

[72] PARK, JUNG MIN, US

[72] AREND, MICHAEL P., US

[71] FIBROGEN, INC., US

[85] 2015-01-14

[86] 2013-07-15 (PCT/US2013/050538)

[87] (WO2014/014834)

[30] US (61/672,191) 2012-07-16

[21] **2,879,239**
[13] A1

[51] **Int.Cl. A61K 47/42 (2006.01) A61K 38/16 (2006.01) A61K 45/00 (2006.01) A61P 43/00 (2006.01)**

[25] FR

[54] **SYSTEM FOR DELIVERING LECTIN-BASED ACTIVE INGREDIENTS**

[54] **SYSTEME DE DELIVRANCE DE PRINCIPES ACTIFS A BASE DE LECTINE**

[72] PAQUEREAU, LAURENT, FR

[72] GROSS, GREGORI, FR

[72] LADURANTIE, CAROLINE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR

[71] UNIVERSITE PAUL SABATIER TOULOUSE III, FR

[85] 2015-01-15

[86] 2013-07-19 (PCT/FR2013/051751)

[87] (WO2014/016504)

[30] FR (12 57125) 2012-07-23

[21] **2,879,240**
[13] A1

[51] **Int.Cl. B23B 31/11 (2006.01) B23B 31/165 (2006.01)**

[25] EN

[54] **NOVEL DRILL CHUCK**

[54] **NOUVEAU MANDRIN PORTE-MECHE**

[72] LIU, YAOTING, CN

[72] YU, ZUOZI, CN

[71] WEIHAI DAWANG HARDWARE PRODUCTS LIMITED, CN

[85] 2015-01-15

[86] 2012-07-17 (PCT/CN2012/078743)

[87] (WO2014/012215)

[21] **2,879,242**
[13] A1

[51] **Int.Cl. C07D 217/26 (2006.01)**

[25] EN

[54] **CRYSTALLINE FORMS OF THE PROLYL HYDROXYLASE INHIBITOR [(4-HYDROXY-1-METHYL-7-PHENOXY-ISOQUINOLINE-3-CARBONYL)-AMINO]-ACETIC ACID**

[54] **FORMES CRISTALLINES D'UN INHIBITEUR DE LA PROLYL HYDROXYLASE**

[72] WITSCHI, CLAUDIA, US

[72] PARK, JUNG MIN, US

[72] THOMPSON, MICHAEL D., US

[72] MARTINELLI, MICHAEL JOHN, US

[72] YEOWELL, DAVID A., US

[72] AREND, MICHAEL P., US

[71] FIBROGEN, INC., US

[85] 2015-01-14

[86] 2013-07-15 (PCT/US2013/050539)

[87] (WO2014/014835)

[30] US (61/672,191) 2012-07-16

[30] US (61/768,297) 2013-02-22

[30] US (61/832,566) 2013-06-07

[21] **2,879,243**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01J 20/12 (2006.01) C01F 5/24 (2006.01) C01F 11/18 (2006.01) C02F 1/66 (2006.01) C02F 5/06 (2006.01) C02F 5/08 (2006.01)**

[25] EN

[54] **REGENERATABLE ION EXCHANGE MATERIAL FOR REDUCING THE AMOUNT OF CO2**

[54] **MATERIAU D'ECHANGE D'IONS POUVANT ETRE REGENERE POUR REDUIRE LA QUANTITE DE CO2**

[72] SCHENKER, MICHEL, CH

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

[72] SCHOELKOPF, JOACHIM, CH

[72] GANTENBEIN, DANIEL, NO

[71] OMYA INTERNATIONAL AG, CH

[85] 2015-01-15

[86] 2013-07-16 (PCT/EP2013/064991)

[87] (WO2014/023530)

[30] EP (12179675.9) 2012-08-08

[30] US (61/683,238) 2012-08-15

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[21] **2,879,245**
[13] A1

[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) A61P 31/16 (2006.01) A61P 31/20 (2006.01) C07D 239/52 (2006.01) C07D 239/557 (2006.01)**

[25] EN

[54] **DIHYDROXYPYRIMIDINE CARBONIC ACID DERIVATIVES AND THEIR USE IN THE TREATMENT, AMELIORATION OR PREVENTION OF A VIRAL DISEASE**

[54] **DERIVES D'ACIDE DIHYDROXYPYRIMIDINECARBONIQUE ET LEUR UTILISATION DANS LE TRAITEMENT, L'AMELIORATION OU LA PREVENTION D'UNE MALADIE VIRALE**

[72] BUSCHMANN, HELMUT, DE
[72] WOLKERSTORFER, ANDREA, AT
[72] SZOLAR, OLIVER, AT
[72] HANDLER, NORBERT, AT
[72] CUSACK, STEPHEN, FR
[72] SMITH, MARK, US
[72] SO, SUNG-SAU, US
[71] SAVIRA PHARMACEUTICALS GMBH, AT
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE

[85] 2015-01-15
[86] 2013-08-05 (PCT/EP2013/066388)
[87] (WO2014/023691)
[30] US (61/679,968) 2012-08-06

[21] **2,879,246**
[13] A1

[51] **Int.Cl. A42B 3/22 (2006.01)**

[25] EN

[54] **VISOR AND COMBINATION THEREOF WITH A PROTECTIVE HELMET**

[54] **VISIERE ET SA COMBINAISON AVEC UN CASQUE DE PROTECTION**

[72] PFANNER, ANTON, AT
[71] PFANNER SCHUTZBEKLEIDUNG GMBH, AT

[85] 2015-01-15
[86] 2013-07-22 (PCT/EP2013/065447)
[87] (WO2014/016264)
[30] DE (10 2012 015 023.7) 2012-07-27

[21] **2,879,247**
[13] A1

[51] **Int.Cl. C10L 5/44 (2006.01) C10L 5/14 (2006.01)**

[25] EN

[54] **ENERGY PELLET**

[54] **GRANULE SOURCE D'ENERGIE**

[72] LAKE, MICHAEL, A., US
[71] LAKE, MICHAEL, A., US

[85] 2015-01-14
[86] 2013-07-16 (PCT/US2013/050679)
[87] (WO2014/014910)
[30] US (61/673,573) 2012-07-19

[21] **2,879,248**
[13] A1

[51] **Int.Cl. C09C 1/02 (2006.01)**

[25] EN

[54] **PROCESS FOR MANUFACTURING WHITE PIGMENT CONTAINING PRODUCTS**

[54] **PROCEDE DE FABRICATION DE PRODUITS CONTENANT UN PIGMENT BLANC**

[72] SOTEMANN, JORG, AT
[71] OMYA INTERNATIONAL AG, CH

[85] 2015-01-15
[86] 2013-08-08 (PCT/EP2013/066666)
[87] (WO2014/029634)
[30] EP (12181089.9) 2012-08-20
[30] US (61/693,350) 2012-08-27

[21] **2,879,249**
[13] A1

[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/421 (2006.01) A61K 31/422 (2006.01) A61P 7/10 (2006.01) A61P 9/10 (2006.01) A61P 11/06 (2006.01) A61P 13/12 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 263/20 (2006.01) C07D 263/32 (2006.01) C07D 413/06 (2006.01)**

[25] EN

[54] **3,4-DISUBSTITUTED OXAZOLIDINONE DERIVATIVES AND THEIR USE AS INHIBITORS OF THE CALCIUM ACTIVATED POTASSIUM CHANNEL**

[54] **DERIVES D'OXAZOLIDINONE 3,4-DISUBSTITUEE ET LEUR UTILISATION COMME INHIBITEURS DES CANAUX POTASSIQUES ACTIVES PAR LE CALCIUM**

[72] GREEN, LUKE, CH
[72] WANG, HAIYAN, CH
[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2015-01-15
[86] 2013-10-25 (PCT/EP2013/072361)
[87] (WO2014/067861)
[30] EP (12190319.9) 2012-10-29

[21] **2,879,250**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01)**

[25] EN

[54] **TARGETED OESOPHAGEAL ADMINISTRATION OF ZN-A2-GLYCOPROTEINS (ZAG), METHODS AND FORMULATIONS THEREOF**

[54] **ADMINISTRATION OESOPHAGIENNE CIBLEE DE ZN-?2-GLYCOPROTEINES (ZAG), PROCEDES ET FORMULATIONS ASSOCIEES**

[72] TISDALE, MICHAEL, GB
[72] RUSSELL, STEVEN, GB
[71] ASTON UNIVERSITY, GB

[85] 2015-01-15
[86] 2013-07-31 (PCT/GB2013/052039)
[87] (WO2014/020333)
[30] US (61/677,984) 2012-07-31

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- [25] EN
- [54] **COMBINATION THERAPIES FOR MELANOMA COMPRISING ADMINISTERING COBIMETINIB AND VEMURAFINIB**
- [54] **THERAPIES COMBINEES POUR MELANOME COMPRENANT L'ADMINISTRATION DE COBIMETINIB ET DE VEMURAFENIB**
- [72] BRAY, GORDON, US
[72] CHAN, IRIS T., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-15
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[87] (WO2014/027056)
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- [51] **Int.Cl. C05G 3/00 (2006.01) C05C 1/00 (2006.01) C05C 3/00 (2006.01) C05C 9/00 (2006.01)**
- [25] EN
- [54] **SAFE BLENDS OF AMMONIUM NITRATE (AN) WITH UREA, OR OF AN AN-COMPRISING PRODUCT WITH A UREA-COMPRISING PRODUCT**
- [54] **MELANGES SANS DANGER DE NITRATE D'AMMONIUM (NA) AVEC DE L'UREE OU D'UN PRODUIT COMPRENANT DU NA AVEC UN PRODUIT COMPRENANT DE L'UREE**
- [72] LEDOUX, FRANCOIS, FR
[72] WINNE, ERIKA, BE
[72] NYGAARD, ERIK C., NO
[71] YARA INTERNATIONAL, NO
[85] 2015-01-15
[86] 2013-08-28 (PCT/EP2013/067798)
[87] (WO2014/033159)
[30] NO (20120971) 2012-08-29

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- [25] EN
- [54] **METHOD AND SYSTEM FOR NON-INVASIVELY MONITORING BIOLOGICAL OR BIOCHEMICAL PARAMETERS OF INDIVIDUAL**
- [54] **PROCEDE ET SYSTEME POUR LA SURVEILLANCE NON INVASIVE DE PARAMETRES BIOLOGIQUES OU BIOCHIMIQUES D'UN INDIVIDU**
- [72] ZALEVSKY, ZEEV, IL
[72] GARCIA, JAVIER, ES
[72] BEIDERMAN, YEVGENY, IL
[72] MARGALIT, ISRAEL, IL
[72] OZANA, NISIM NISAN, IL
[72] ARBEL, NADAV, IL
[72] MICO, VICENTE, ES
[72] SANZ SABATER, MARTIN, ES
[71] BAR-ILAN UNIVERSITY, IL
[71] UNIVERSITAT DE VALENCIA, ES
[85] 2015-01-15
[86] 2013-08-01 (PCT/IL2013/050658)
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- [25] EN
- [54] **SUBSTITUTED CARBAMATE COMPOUNDS AND THEIR USE AS TRANSIENT RECEPTOR POTENTIAL (TRP) CHANNEL ANTAGONISTS**
- [54] **COMPOSES CARBAMATE SUBSTITUES ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DU CANAL POTENTIEL RECEPTEUR TRANSITOIRE (TRP)**
- [72] BROTHERTON-PLEISS, CHRISTINE E., US
[72] CHEN, ZHI, US
[72] ERICKSON, SHAWN DAVID, US
[72] KIM, KYUNGJIN, US
[72] LI, HONGJU, US
[72] LOVEY, ALLEN JOHN, US
[72] QIAN, YIMIN, US
[72] SO, SUNG-SAU, US
[72] WOVKULICH, PETER MICHAEL, US
[72] YI, LIN, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[13] A1
- [51] **Int.Cl. A44C 9/02 (2006.01)**
- [25] EN
- [54] **RING**
- [54] **BAGUE**
- [72] ESCOBAR, ANDRES MAURICIO ZULUAGA, IT
[71] CINQUE S.R.L., IT
[85] 2015-01-15
[86] 2012-07-20 (PCT/IB2012/053707)
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[51] **Int.Cl. B01J 19/24 (2006.01) B01J 4/00 (2006.01) B01J 7/02 (2006.01) C01B 6/21 (2006.01) H01M 8/04 (2006.01) H01M 8/24 (2006.01) C01B 3/06 (2006.01) C01B 6/00 (2006.01) H01M 8/06 (2006.01)**

[25] EN

[54] **FUEL CELL APPARATUS, COMPOSITION AND HYDROGEN GENERATOR**

[54] **APPAREIL A PILES A COMBUSTIBLE, COMPOSITION ET GENERATEUR D'HYDROGENE S'Y RAPPORTANT**

[72] MASETTI-PLACCI, FRANCESCO, GB

[72] BARNES, STUART R., GB

[72] NOTHELLE, RICARDA, GB

[72] GELLINI, SAVERIO, GB

[72] TREDZOI, GABRIELE, GB

[71] PROMETHEUS WIRELESS LIMITED, GB

[85] 2015-01-15

[86] 2013-07-16 (PCT/GB2013/051905)

[87] (WO2014/013246)

[30] GB (1212636.3) 2012-07-16

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[13] A1

[51] **Int.Cl. C12N 9/14 (2006.01) C12N 9/12 (2006.01)**

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[54] **MODIFIED HELICASES**

[54] **HELICASES MODIFIEES**

[72] HERON, ANDREW, GB

[72] CLARKE, JAMES, GB

[72] MOYSEY, RUTH, GB

[72] WALLACE, ELIZABETH JAYNE, GB

[72] BRUCE, MARK, GB

[72] JAYASINGHE, LAKMAL, GB

[72] CAPROTTI, DOMENICO, GB

[72] SOEROES, SZABOLCS, GB

[72] MCNEILL, LUKE, GB

[72] ALVES, DAVID, GB

[72] BOWEN, REBECCA, GB

[72] MILTON, JOHN, GB

[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB

[85] 2015-01-15

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[87] (WO2014/013260)

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[54] **BOILER SYSTEM**

[54] **SYSTEME DE CHAUDIERE**

[72] YAMADA, KAZUYA, JP

[71] MIURA CO., LTD., JP

[85] 2015-01-19

[86] 2013-02-28 (PCT/JP2013/055340)

[87] (WO2014/125652)

[30] JP (2013-027484) 2013-02-15

[21] **2,879,263**
[13] A1

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[25] EN

[54] **DISK GRATER**

[54] **RAPE CIRCULAIRE**

[72] HERREN, BRUNO, CH

[71] SWIZZCUT AG, CH

[85] 2015-01-12

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[30] CH (01075/12) 2012-07-12

[21] **2,879,264**
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[51] **Int.Cl. B01D 53/18 (2006.01) B01D 53/62 (2006.01) C01B 31/20 (2006.01)**

[25] EN

[54] **GAS SEPARATION DEVICE AND PACKING**

[54] **DISPOSITIF DE SEPARATION DE GAZ ET GARNISSAGE**

[72] HUANG, JIAN, JP

[72] ISO, YOSHIYUKI, JP

[72] KATOU, MARIKO, JP

[72] MATSUNO, SHINSUKE, JP

[72] TAKANO, KENJI, JP

[72] FUJIWARA, NAOKI, JP

[72] MURAKAMI, ATSUSHI, JP

[71] IHI CORPORATION, JP

[85] 2015-01-15

[86] 2013-01-25 (PCT/JP2013/051588)

[87] (WO2014/017111)

[30] JP (PCT/JP2012/069183) 2012-07-27

[21] **2,879,268**
[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01) A61P 25/36 (2006.01)**

[25] EN

[54] **PROCESS FOR IMPROVED OPIOID SYNTHESIS**

[54] **PROCEDE POUR AMELIORER LA SYNTHESE D'OPIOIDES**

[72] MCCARTHY, KEITH, US

[72] GIGUERE, JOSHUA R., US

[72] GEBBIE, STUART JAMES, US

[72] RIDER, LONN S., US

[71] RHODES TECHNOLOGIES, US

[85] 2015-01-15

[86] 2013-07-15 (PCT/IB2013/001538)

[87] (WO2014/013311)

[30] US (61/672,265) 2012-07-16

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[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01) A61P 25/36 (2006.01)**

[25] EN

[54] **PROCESS FOR IMPROVED OPIOID SYNTHESIS**

[54] **PROCEDE POUR LA SYNTHESE AMELIOREE D'OPIOIDES**

[72] MCCARTHY, KEITH, US

[72] GIGUERE, JOSHUA R., US

[72] GEBBIE, STUART JAMES, US

[72] RIDER, LONN S., US

[71] RHODES TECHNOLOGIES, US

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[86] 2013-07-15 (PCT/IB2013/001541)

[87] (WO2014/013313)

[30] US (61/672,260) 2012-07-16

[30] US (61/741,480) 2012-07-19

[30] US (61/762,637) 2013-02-08

[21] **2,879,272**
[13] A1

[51] **Int.Cl. C08B 37/00 (2006.01)**

[25] EN

[54] **SACCHARIDES AND USES THEREOF**

[54] **SACCHARIDES ET LEURS UTILISATIONS**

[72] DONALD, ROBERT G.K., US

[72] KODALI, SRINIVAS, US

[72] VINOGRADOV, EVGUENII, CA

[71] PFIZER, INC., US

[85] 2015-01-15

[86] 2013-07-03 (PCT/IB2013/055452)

[87] (WO2014/013375)

[30] US (61/672,221) 2012-07-16

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[51] **Int.Cl. B60B 17/00 (2006.01)**
[25] EN
[54] **RAILWAY WHEEL AND RESPECTIVE DAMPING ELEMENT**
[54] **ROUE DE CHEMINS DE FER ET ELEMENT D'AMORTISSEMENT RESPECTIF**
[72] CERVELLO, STEVEN, IT
[72] SALA, DIMITRI, IT
[71] LUCCHINI RS S.P.A., IT
[85] 2015-01-15
[86] 2013-07-29 (PCT/IB2013/056221)
[87] (WO2014/020521)
[30] IT (BS2012A000124) 2012-07-30

[21] **2,879,280**
[13] A1

[51] **Int.Cl. C04B 24/26 (2006.01) C08F 8/28 (2006.01) C08F 16/06 (2006.01) C08J 3/24 (2006.01) C08K 5/07 (2006.01) C09K 8/12 (2006.01) C09K 8/487 (2006.01) C09K 8/62 (2006.01)**
[25] FR
[54] **FILTRATE CONTROL AGENTS IN SOLID FORM**
[54] **AGENTS DE CONTROLE DU FILTRAT SOUS FORME SOLIDE**
[72] CADIX, ARNAUD, FR
[71] RHODIA OPERATIONS, FR
[85] 2015-01-15
[86] 2013-01-25 (PCT/EP2013/051461)
[87] (WO2013/110773)
[30] FR (12/00215) 2012-01-25

[21] **2,879,281**
[13] A1

[51] **Int.Cl. A61K 31/436 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **LKB1 AS PREDICTIVE MARKER OF EVEROLIMUS EFFICACY IN BREAST CANCER**
[54] **LKB1 EN TANT QUE MARQUEUR PREDICTIF DE L'EFFICACITE DE L'EVEROLIMUS DANS LE CANCER DU SEIN**
[72] TREILLEUX, ISABELLE, FR
[72] BACHELOT, THOMAS, FR
[72] LE ROMANCER-CHERIFI, MURIEL, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE LEON BERARD, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[86] 2013-07-01 (PCT/EP2013/063791)
[87] (WO2014/001562)
[30] EP (12305769.7) 2012-06-29
[30] US (61/666,451) 2012-06-29

[21] **2,879,282**
[13] A1

[51] **Int.Cl. A61K 31/455 (2006.01) A61K 9/00 (2006.01) A61K 9/48 (2006.01) A61K 9/50 (2006.01) A61K 31/198 (2006.01)**
[25] EN
[54] **GASTRO-RETENTIVE DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION PHARMACOLOGIQUE A RETENTION GASTRIQUE**
[72] MEIJERINK, HENDRIK JAN CORNELIS, BE
[72] CHANGOER, LEKHRAM, NL
[72] BLOM, WILLEM, NL
[72] VISSER, MARINELLA REGINA, NL
[72] FRIJLINK, HENDERIK WILLEM, NL
[72] EISSENS, ANKO CORNELUS, NL
[71] APET HOLDING B.V., NL
[85] 2015-01-15
[86] 2013-07-15 (PCT/NL2013/050538)
[87] (WO2014/014348)
[30] NL (PCT/NL2012/050511) 2012-07-16

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[13] A1

[51] **Int.Cl. H01M 4/96 (2006.01) H01M 8/10 (2006.01)**
[25] EN
[54] **GAS DIFFUSION ELECTRODE MEDIUM FOR FUEL CELL**
[54] **MATERIAU DE BASE D'ELECTRODE A DIFFUSION DE GAZ POUR PILE A COMBUSTIBLE**
[72] UTSUNOMIYA, MASAMICHI, JP
[72] HASHIMOTO, MASARU, JP
[72] KAMAE, TOSHIYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2015-01-15
[86] 2013-08-09 (PCT/JP2013/071623)
[87] (WO2014/030553)
[30] JP (2012-184930) 2012-08-24

[21] **2,879,285**
[13] A1

[51] **Int.Cl. H04B 1/40 (2015.01) H04W 4/12 (2009.01)**
[25] EN
[54] **MESSAGE HANDLING METHOD AND TERMINAL SUPPORTING THE SAME**
[54] **PROCEDE DE TRAITEMENT DE MESSAGES ET TERMINAL SUPPORTANT CE PROCEDE**
[72] LEE, GAHEE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-01-15
[86] 2013-08-27 (PCT/KR2013/007648)
[87] (WO2014/035108)
[30] KR (10-2012-0093959) 2012-08-27

[21] **2,879,286**
[13] A1

[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **RETRIEVAL OF SUBSEA PRODUCTION AND PROCESSING EQUIPMENT**
[54] **RECUPERATION D'EQUIPEMENT DE PRODUCTION ET DE TRAITEMENT SOUS-MARIN**
[72] SMEDSTAD, ERIC RANDALL, US
[71] FMC TECHNOLOGIES INC., US
[85] 2015-01-15
[86] 2012-08-24 (PCT/US2012/052197)
[87] (WO2014/031122)

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[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/487 (2006.01) G01N 33/58 (2006.01)**

[25] EN

[54] **SINGLE MOLECULE PROTEIN SEQUENCING**

[54] **SEQUENCAGE D'UNE PROTEINE A MOLECULE UNIQUE**

[72] JOO, CHIRLMIN, NL

[72] DEKKER, CORNELIS, NL

[72] VAN GINKEL, HENDRIKA GEERTRUIDA THEODORA MARIA, NL

[72] MEYER, ANNE SARA, NL

[71] TECHNISCHE UNIVERSITEIT DELFT, NL

[85] 2015-01-15

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[87] (WO2014/014347)

[30] NL (2009191) 2012-07-16

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[51] **Int.Cl. E21B 45/00 (2006.01) E21B 47/00 (2012.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR WIRELINE TOOL PUMP-DOWN OPERATIONS**

[54] **SYSTEME ET PROCEDE POUR DES OPERATIONS D'OUTILS POMPES AU CABLE METALLIQUE**

[72] COLES, RANDOLPH S., US

[72] ASHAR, DIPESH P., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-15

[86] 2012-07-16 (PCT/US2012/046857)

[87] (WO2014/014438)

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[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**

[25] EN

[54] **STORING AND FORWARDING PAYMENT TRANSACTIONS**

[54] **STOCKAGE ET TRANSFERT DE TRANSACTIONS DE PAIEMENT**

[72] RUDER, EDWARD, US

[72] PULS, JAMES, US

[72] MULANI, MEHDI, US

[72] MOREL, SHAWN, US

[72] CHEN, GRACE, US

[72] CLARK, CHRISTOPHER R., US

[72] SCOTT, J. BRYAN, US

[72] MONTI, ERIC, US

[71] SQUARE, INC., US

[85] 2015-01-15

[86] 2013-07-12 (PCT/US2013/050345)

[87] (WO2014/014781)

[30] US (61/672,228) 2012-07-16

[30] US (13/797,390) 2013-03-12

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[13] A1

[51] **Int.Cl. G01N 27/22 (2006.01) F26B 25/22 (2006.01) F27D 21/00 (2006.01) G01N 27/12 (2006.01)**

[25] EN

[54] **WIRELESS IN-KILN MOISTURE SENSOR AND SYSTEM FOR USE THEREOF**

[54] **CAPTEUR SANS FIL D'HUMIDITE EN SECHOIR ET SYSTEME D'UTILISATION ASSOCIE**

[72] YOUSSE, PATRICK, US

[72] SCHNEIDER, SCOTT, US

[71] SCS FOREST PRODUCTS, INC., US

[85] 2014-12-19

[86] 2013-07-03 (PCT/US2013/049287)

[87] (WO2014/008376)

[30] US (61/667,942) 2012-07-04

[21] **2,879,293**
[13] A1

[51] **Int.Cl. B32B 5/02 (2006.01)**

[25] EN

[54] **ARTICLES INCLUDING HIGH MELT FLOW INDEX RESINS**

[54] **ARTICLES COMPRENANT DES RESINES A INDICE D'ECOULEMENT DE FUSION ELEVE**

[72] KUNAL, KUMAR, US

[72] MASON, MARK O., US

[72] HARPER, CORAY, US

[72] EBELING, THOMAS, US

[71] HANWHA AZDEL, INC., US

[85] 2015-01-15

[86] 2013-07-15 (PCT/US2013/050472)

[87] (WO2014/014813)

[30] US (61/672,021) 2012-07-16

[21] **2,879,297**
[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01) G01N 33/483 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **NETWORK-BASED PATHOLOGY SYSTEM WITH DESKTOP SLIDE SCANNER**

[54] **SYSTEME DE PATHOLOGIE A BASE DE RESEAU, AYANT UN SCANNER DE TABLE POUR PLATINES PORTE-OBJET**

[72] CASAS, VICTOR, US

[71] MIKROSCAN TECHNOLOGIES, INC., US

[85] 2015-01-15

[86] 2012-07-20 (PCT/US2012/047527)

[87] (WO2013/013117)

[30] US (61/509,946) 2011-07-20

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[13] A1

[51] **Int.Cl. F01D 5/28 (2006.01) B29B 11/16 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR CUTTING A PREFORM INTENDED FOR THE PRODUCTION OF A TURBOMACHINE PART**
[54] **PROCEDE ET SYSTEME DE DECOUPE D'UNE PREFORME DESTINEE A LA FABRICATION D'UNE PIECE DE TURBOMACHINE**
[72] MARCHAL, YANN, FR
[72] MAROLLE, PHILIPPE, FR
[72] ROUSSEAU, CLAIRE, FR
[71] SNECMA, FR
[85] 2015-01-09
[86] 2013-07-02 (PCT/FR2013/051558)
[87] (WO2014/013157)
[30] FR (1256870) 2012-07-16

[21] **2,879,302**
[13] A1

[51] **Int.Cl. E21B 41/00 (2006.01) E21B 7/124 (2006.01) E21B 43/01 (2006.01)**
[25] EN
[54] **METHODS FOR RETRIEVAL AND REPLACEMENT OF SUBSEA PRODUCTION AND PROCESSING EQUIPMENT**
[54] **PROCEDE POUR RECUPERER ET REMPLACER UN EQUIPEMENT DE PRODUCTION ET DE TRAITEMENT SOUS-MARIN**
[72] WILLIAMS, MICHAEL R., US
[72] HERGARDEN, THOMAS L., US
[72] HARTLEY, HOWARD J., US
[72] STRIKOVSKI, ANDREI, US
[72] SMEDSTAD, ERIC RANDALL, US
[72] SKEELS, HAROLD BRIAN, US
[72] DAFLER, JOHN D., US
[72] ANDREWS, JIMMY D., US
[71] FMC TECHNOLOGIES INC., US
[85] 2015-01-15
[86] 2012-08-24 (PCT/US2012/052203)
[87] (WO2014/031123)

[21] **2,879,307**
[13] A1

[51] **Int.Cl. B23K 31/02 (2006.01) B23K 37/00 (2006.01) G01F 1/66 (2006.01) G01F 15/14 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING A WELDED SEAL**
[54] **PROCEDE DE FORMATION D'UN JOINT SOUDE**
[72] ALLEN, CHARLES ROBERT, US
[72] HA, CHAE H., US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2015-01-15
[86] 2012-09-06 (PCT/US2012/053843)
[87] (WO2014/014483)
[30] US (61/673,018) 2012-07-18

[21] **2,879,309**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE HOUSING AND ASSEMBLY METHOD**
[54] **BOITIER DE DISPOSITIF ELECTRONIQUE ET PROCEDE D'ASSEMBLAGE**
[72] MATSUOKA, YOSHIMICHI, US
[71] GOOGLE INC., US
[85] 2015-01-15
[86] 2013-07-12 (PCT/US2013/050262)
[87] (WO2014/014771)
[30] US (61/672,041) 2012-07-16
[30] US (13/793,560) 2013-03-11

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[13] A1

[51] **Int.Cl. C07F 9/24 (2006.01) A61K 31/661 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PANTOTHENATE DERIVATIVES FOR THE TREATMENT OF NEUROLOGIC DISORDERS**
[54] **DERIVES DE PANTOTHENATE POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES**
[72] VAINO, ANDREW, US
[72] BIESTEK, MAREK, US
[72] SHKRELI, MARTIN, US
[71] RETROPHIN, INC., US
[85] 2014-10-24
[86] 2013-04-26 (PCT/US2013/038458)
[87] (WO2013/163576)
[30] US (61/639,602) 2012-04-27

[21] **2,879,315**
[13] A1

[51] **Int.Cl. C23C 18/32 (2006.01) C23C 18/16 (2006.01)**
[25] EN
[54] **ELECTROLESS NICKEL COATINGS AND COMPOSITIONS AND METHODS FOR FORMING THE COATINGS**
[54] **REVETEMENTS AUTOCATALYTIQUES DE NICKEL ET COMPOSITIONS ET PROCEDES DE FORMATION DESDITS REVETEMENTS**
[72] WOJCIK, MATTHEW JOSEPH, US
[72] SCHAFFER, AMBROSE, US
[72] LAPLANTE, JEAN M., US
[71] COVENTYA, INC., US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050932)
[87] (WO2014/015063)
[30] US (61/672,584) 2012-07-17

[21] **2,879,316**
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **NOVEL ARTERIVIRUS PROTEIN AND EXPRESSION MECHANISMS**
[54] **PROTEINE D'ARTERIVIRUS INEDITE ET SES MECANISMES D'EXPRESSION**
[72] FANG, YING, US
[72] SNIJDER, ERIC JOHN, NL
[72] FIRTH, ANDREW E., GB
[72] ATKINS, JOHN F., IE
[72] TREFFERS, EMMA ELISABETH, NL
[72] TAS, ALI, NL
[72] LI, YANHUA, US
[71] SOUTH DAKOTA BOARD OF REGENTS, US
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[71] ACADEMISCH ZIEKENHUIS LEIDEN, NL
[71] UNIVERSITY COLLEGE CORK, IE
[85] 2015-01-15
[86] 2013-07-18 (PCT/US2013/051041)
[87] (WO2014/015116)
[30] US (61/741,425) 2012-07-18

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[21] **2,879,317**
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/60 (2006.01) A61K 9/72 (2006.01) A61K 38/00 (2006.01) A61K 38/11 (2006.01) A61P 7/04 (2006.01) A61P 15/00 (2006.01) A61P 15/08 (2006.01) A61P 15/14 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHOD AND FORMULATION FOR INHALATION**

[54] **PROCEDE ET FORMULATION POUR INHALATION**

[72] MCINTOSH, MICHELLE, AU

[72] MORTON, DAVID, AU

[72] SOU, TOMAS, AU

[72] OLERILE, LIVESEY, AU

[72] PRANKERD, RICHARD, AU

[71] MONASH UNIVERSITY, AU

[85] 2015-01-16

[86] 2011-11-07 (PCT/AU2011/001430)

[87] (WO2013/016754)

[30] AU (2011903049) 2011-08-01

[21] **2,879,318**
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[51] **Int.Cl. F24J 2/07 (2006.01) F24J 2/24 (2006.01)**

[25] EN

[54] **SOLAR RADIATION RECEIVER**

[54] **RECEPTEUR DE RAYONNEMENT SOLAIRE**

[72] GALDON CABRERA, CARLOS, ES

[72] NUNEZ GONZALEZ, CARLOS, ES

[71] GALDON CABRERA, CARLOS, ES

[85] 2015-01-16

[86] 2012-07-30 (PCT/ES2012/070583)

[87] (WO2013/017721)

[30] ES (P201131334) 2011-08-01

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[13] A1

[51] **Int.Cl. B03C 3/04 (2006.01) B03C 3/013 (2006.01)**

[25] EN

[54] **ENHANCED FLY ASH COLLECTION**

[54] **COLLECTE AMELIOREE DE CENDRE VOLANTE**

[72] BUTZ, JAMES R., US

[71] NOVINDA CORP., US

[85] 2015-01-15

[86] 2013-07-18 (PCT/US2013/051051)

[87] (WO2014/015122)

[30] US (61/674,283) 2012-07-20

[21] **2,879,320**
[13] A1

[51] **Int.Cl. G06Q 40/06 (2012.01)**

[25] EN

[54] **FUTURE COST OF RETIREMENT INDEX AND FUND**

[54] **INDICE DE COUT DE RETRAITE FUTUR ET FONDS**

[72] O'HARA, MATTHEW ARNOLD, US

[72] CASTILLE, CHARLES A., US

[71] BLACKROCK INDEX SERVICES, LLC, US

[85] 2015-01-15

[86] 2013-10-14 (PCT/US2013/064861)

[87] (WO2014/059421)

[30] US (61/713,589) 2012-10-14

[30] US (61/837,762) 2013-06-21

[21] **2,879,321**
[13] A1

[51] **Int.Cl. A63B 21/002 (2006.01) A63B 5/11 (2006.01) A63B 21/005 (2006.01) A63B 21/062 (2006.01) A63B 21/078 (2006.01) A63B 22/00 (2006.01) A63B 24/00 (2006.01) A63B 71/00 (2006.01) H02P 25/06 (2006.01)**

[25] EN

[54] **EXERCISE APPARATUS WITH A MAGNETIC RESISTANCE**

[54] **APPAREIL D'EXERCICE COMPORTANT UNE RESISTANCE MAGNETIQUE**

[72] GOLSBY, NICHOLAS, GB

[72] CHRYSAKIS, GEORGIOS, GB

[72] DAY, SHAUN, GB

[72] BEAL, JONATHAN, GB

[72] DOEL, JONATHAN, GB

[71] COVENTRY UNIVERSITY, GB

[85] 2015-01-16

[86] 2013-07-17 (PCT/GB2013/051908)

[87] (WO2014/013248)

[30] GB (1212663.7) 2012-07-17

[21] **2,879,322**
[13] A1

[51] **Int.Cl. A61K 31/711 (2006.01) C12N 5/0797 (2010.01) A61K 35/30 (2015.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **STEM CELL MICROPARTICLES**

[54] **MICROPARTICULES DE CELLULES SOUCHES**

[72] SINDEN, JOHN, GB

[72] STEVANATO, LARA, GB

[72] CORTELING, RANDOLPH, GB

[71] RENEURON LIMITED, GB

[85] 2015-01-16

[86] 2013-07-18 (PCT/GB2013/051923)

[87] (WO2014/013258)

[30] GB (1212848.4) 2012-07-19

[30] GB (1302468.2) 2013-02-12

[21] **2,879,323**
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) C10G 1/00 (2006.01)**

[25] EN

[54] **APPARATUSES AND METHODS FOR DEOXYGENATING BIOMASS-DERIVED PYROLYSIS OIL**

[54] **APPAREILS ET PROCEDES POUR LA DESOXYGENATION D'HUILE DE PYROLYSE ISSUE DE BIOMASSE**

[72] KALNES, TOM N., US

[71] UOP LLC, US

[85] 2015-01-15

[86] 2013-09-12 (PCT/US2013/059450)

[87] (WO2014/077944)

[30] US (13/676,281) 2012-11-14

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[21] **2,879,324**
[13] A1

[51] **Int.Cl. A61B 5/1477 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO INDICATE HYPERGLYCEMIA OR HYPOGLYCEMIA FOR PEOPLE WITH DIABETES**
[54] **PROCEDE ET SYSTEME DESTINES A INDIQUER L'HYPERGLYCEMIE OU L'HYPOGLYCEMIE POUR DES PERSONNES ATTEINTES DE DIABETE**
[72] HOWELL, FRANCES WILSON, US
[72] MACLEOD, JANICE, US
[72] RODBARD, DAVID, US
[71] LIFESCAN, INC., US
[85] 2015-01-15
[86] 2013-07-18 (PCT/US2013/051113)
[87] (WO2014/015160)
[30] US (13/553,655) 2012-07-19

[21] **2,879,325**
[13] A1

[51] **Int.Cl. B64C 25/40 (2006.01) F16H 55/10 (2006.01)**
[25] EN
[54] **LANDING GEAR DRIVE SYSTEMS**
[54] **SYSTEMES D'ENTRAINEMENT DE TRAIN D'ATERRISSAGE**
[72] DIDEY, ARNAUD, GB
[71] AIRBUS OPERATIONS LIMITED, GB
[85] 2015-01-16
[86] 2013-08-01 (PCT/GB2013/052061)
[87] (WO2014/023939)
[30] GB (1214198.2) 2012-08-08

[21] **2,879,326**
[13] A1

[51] **Int.Cl. F21K 99/00 (2010.01) F21K 2/00 (2006.01) F21V 9/16 (2006.01) G03B 21/14 (2006.01)**
[25] EN
[54] **PHOSPHOR-BASED LAMPS FOR PROJECTION DISPLAY**
[54] **LAMPES BASEES SUR PHOSPHORE POUR DISPOSITIF D'AFFICHAGE PAR PROJECTION**
[72] LI, KENNETH, US
[72] INATSUGU, SEIJI, US
[71] WAVIEN, INC., US
[71] LI, KENNETH, US
[71] INATSUGU, SEIJI, US
[85] 2015-01-16
[86] 2013-06-19 (PCT/US2013/046492)
[87] (WO2014/014605)
[30] US (61/673,357) 2012-07-19
[30] US (61/834,119) 2013-06-12

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[13] A1

[51] **Int.Cl. B64C 25/40 (2006.01)**
[25] EN
[54] **LANDING GEAR DRIVE SYSTEMS**
[54] **SYSTEMES D'ENTRAINEMENT DE TRAIN D'ATERRISSAGE**
[72] DIDEY, ARNAUD, GB
[71] AIRBUS OPERATIONS LIMITED, GB
[85] 2015-01-16
[86] 2013-08-01 (PCT/GB2013/052064)
[87] (WO2014/023941)
[30] GB (1214198.2) 2012-08-08
[30] GB (1308585.7) 2013-05-13

[21] **2,879,328**
[13] A1

[51] **Int.Cl. G01R 27/30 (2006.01) E21F 9/00 (2006.01) E21F 17/18 (2006.01) F02B 77/08 (2006.01) G06F 11/26 (2006.01) H02H 1/00 (2006.01)**
[25] EN
[54] **SPARK TESTING APPARATUS**
[54] **APPAREIL D'ESSAI A L'ETINCELLE**
[72] SHEKHAR, RAJIV CHANDRA, AU
[72] PROCHON, EDWARD GUS, AU
[72] PIENAAR, BAREND JACOBUS, AU
[72] LEVER, PAUL JOHN ALLEN, AU
[71] CMTE DEVELOPMENT LIMITED, AU
[85] 2015-01-16
[86] 2012-07-19 (PCT/AU2012/000864)
[87] (WO2013/010221)

[21] **2,879,329**
[13] A1

[51] **Int.Cl. C21D 6/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING A STEEL ARTICLE**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'UN ARTICLE EN ACIER**
[72] BATISTE, JOHN, US
[72] ZYRA, TODD, US
[72] NICHOLSON, BRENT, US
[72] SLOAN, JIM, US
[72] COOPER, BRAD, US
[72] SPARLING, JOHN, US
[72] TUREK, MARK, US
[72] HASELKORN, MIKE, US
[71] BUFFALO ARMORY LLC, US
[85] 2015-01-16
[86] 2013-06-19 (PCT/US2013/046506)
[87] (WO2013/192282)
[30] US (61/661,540) 2012-06-19
[30] US (13/838,693) 2013-03-15

[21] **2,879,330**
[13] A1

[51] **Int.Cl. B05B 5/00 (2006.01) B05B 5/053 (2006.01) B05B 12/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING AN ELECTROSTATIC TOOL**
[54] **SYSTEME ET PROCEDE D'UTILISATION D'UN OUTIL ELECTROSTATIQUE**
[72] MYERS, STEVEN ANDREW, US
[72] COZART, PAYTON XAVIER, US
[71] FINISHING BRANDS HOLDINGS INC., US
[85] 2015-01-15
[86] 2013-08-14 (PCT/US2013/054989)
[87] (WO2014/031414)
[30] US (61/692,670) 2012-08-23
[30] US (13/966,178) 2013-08-13

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[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) C12P 7/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 2,3-BUTANEDIOL USING IMPROVED STRAINS OF RAOULTELLA PLANTICOLA**
[54] **PROCEDE DE PRODUCTION DE 2,3-BUTANODIOL AU MOYEN DE SOUCHES AMELIOREES DE RAOULTELLA PLANTICOLA**
[72] ROJAS MARTINEZ, ANTONIA MARIA, ES
[72] SEGARRA MANZANO, SILVIA, ES
[72] MONTESINOS PAES, ALEJANDRO, ES
[72] TORTAJADA SERRA, MARTA, ES
[72] RAMON VIDAL, DANIEL, ES
[72] SANTOS MAZORRA, VICTORIA EUGENIA, ES
[72] LADERO GALAN, MIGUEL, ES
[72] GARCIA-OCHOA SORIA, FELIX, ES
[72] RIPOLL MORALES, VANESSA, ES
[71] BIOPOLIS. S.L., ES
[71] UNIVERSIDAD COMPLUTENSE DE MADRID, ES
[85] 2015-01-16
[86] 2013-07-22 (PCT/IB2013/001592)
[87] (WO2014/013330)

[21] **2,879,332**
[13] A1

[51] **Int.Cl. A61K 31/4725 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **APOPTOSIS-INDUCING AGENTS**
[54] **AGENTS INDUISANT L'APOPTOSE**
[72] JUDD, ANDREW S., US
[72] SOUERS, ANDREW J., US
[72] TAO, ZHI-FU, US
[71] ABBVIE INC., US
[85] 2015-01-15
[86] 2013-08-12 (PCT/US2013/054525)
[87] (WO2014/028381)
[30] US (61/682,370) 2012-08-13

[21] **2,879,333**
[13] A1

[51] **Int.Cl. H01T 13/26 (2006.01) H01T 13/54 (2006.01)**
[25] EN
[54] **SPARK PLUG CONSTRUCTION**
[54] **STRUCTURE DE BOUGIE D'ALLUMAGE**
[72] FARRELL, MARK, CA
[71] NANO SPARK INC., CA
[85] 2015-01-16
[86] 2011-10-24 (PCT/CA2011/001184)
[87] (WO2013/010246)
[30] US (61/509,270) 2011-07-19

[21] **2,879,334**
[13] A1

[51] **Int.Cl. B41J 2/155 (2006.01) B41J 25/00 (2006.01) B41J 25/34 (2006.01)**
[25] EN
[54] **PRINT HEAD ADJUSTMENT DEVICE**
[54] **DISPOSITIF DE REGLAGE POUR TETE D'IMPRESSIION**
[72] LUTZ, PATRIK, DE
[71] PADALUMA INK-JET-SOLUTIONS GMBH & CO. KG, DE
[85] 2015-01-16
[86] 2012-07-16 (PCT/EP2012/002982)
[87] (WO2014/012560)

[21] **2,879,335**
[13] A1

[51] **Int.Cl. C12G 1/00 (2006.01) A01G 7/06 (2006.01) A01N 63/04 (2006.01) C05F 11/08 (2006.01)**
[25] EN
[54] **METHODS FOR THE IMPROVEMENT OF ORGANOLEPTIC PROPERTIES OF MUST, NON-FERMENTED AND FERMENTED BEVERAGES**
[54] **PROCEDES D'AMELIORATION DES PROPRIETES ORGANOLEPTIQUES DU MOUT, DES BOISSONS NON FERMENTEES ET FERMENTEES**
[72] SUAREZ MARTINEZ, CARLOS, ES
[72] HERAS MANSO, JOSE MARIA, ES
[72] SANCHEZ, BRUNO, FR
[72] SANCHEZ, JEAN-MARC, FR
[71] DANSTAR FERMENT AG, CH
[85] 2015-01-16
[86] 2013-08-01 (PCT/IB2013/002108)
[87] (WO2014/024039)
[30] US (61/681,964) 2012-08-10

[21] **2,879,336**
[13] A1

[51] **Int.Cl. B32B 18/00 (2006.01) C04B 35/18 (2006.01) C04B 35/80 (2006.01) F02K 1/04 (2006.01)**
[25] EN
[54] **CERAMIC CENTERBODY AND METHOD OF MAKING**
[54] **ANNEAU CENTRAL EN CERAMIQUE ET PROCEDE DE FABRICATION**
[72] RENGGLI, BERNARD JAMES, US
[72] MILLER, JEFFREY FRANKLIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
[86] 2013-07-19 (PCT/US2013/051201)
[87] (WO2014/058502)
[30] US (61/677,533) 2012-07-31

[21] **2,879,337**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) B01D 15/38 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **METHOD FOR THE ISOLATION OF MICROVESICLES**
[54] **PROCEDE D'ISOLEMENT DE MICROVESICULES**
[72] GHOSH, ANIRBAN, CA
[71] ATLANTIC CANCER RESEARCH INSTITUTE, CA
[85] 2015-01-16
[86] 2013-07-19 (PCT/CA2013/000650)
[87] (WO2014/012168)
[30] US (61/673,353) 2012-07-19

[21] **2,879,338**
[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01) E21B 33/12 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **SACRIFICIAL PLUG FOR USE WITH A WELL SCREEN ASSEMBLY**
[54] **BOUCHON JETABLE DESTINE A ETRE UTILISE AVEC UN ENSEMBLE DE FILTRE DE PUITIS**
[72] HOLDERMAN, LUKE, US
[72] LOPEZ, JEAN-MARC, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-16
[86] 2013-06-25 (PCT/US2013/047731)
[87] (WO2014/014629)
[30] US (13/552,647) 2012-07-19

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[21] **2,879,339**
[13] A1

[51] **Int.Cl. B22D 11/14 (2006.01) C30B 15/24 (2006.01)**
[25] EN
[54] **UP-DRAWING CONTINUOUS CASTING APPARATUS AND UP-DRAWING CONTINUOUS CASTING METHOD**
[54] **APPAREIL DE COULEE CONTINUE A ETIRAGE PAR LE HAUT ET PROCEDE DE COULEE CONTINUE A ETIRAGE PAR LE HAUT**
[72] NAKAJIMA, TETSUYA, JP
[72] FURUKAWA, YUICHI, JP
[72] KATO, TSUKASA, JP
[72] MORITA, KEIICHI, JP
[72] YAOKAWA, JUN, JP
[72] IWATA, YASUSHI, JP
[72] SUGIYAMA, YOSHIO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-01-16
[86] 2013-09-13 (PCT/IB2013/002129)
[87] (WO2014/045115)
[30] JP (2012-204463) 2012-09-18

[21] **2,879,340**
[13] A1

[51] **Int.Cl. B65G 65/48 (2006.01)**
[25] EN
[54] **POWDER FEEDING APPARATUS**
[54] **APPAREIL D'ACHEMINEMENT DE POUFRE**
[72] SIMONS, JOHN K., US
[72] WANG, ZHAOLIN, US
[71] ADAMIS PHARMACEUTICALS CORPORATION, US
[85] 2015-01-16
[86] 2013-07-02 (PCT/US2013/049001)
[87] (WO2014/014650)
[30] US (61/673,460) 2012-07-19

[21] **2,879,341**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/407 (2006.01) A61K 31/4184 (2006.01)**
[25] EN
[54] **2-(AZAINDOL-2-YL) BENZIMIDAZOLES AS PAD4 INHIBITORS**
[54] **2-(AZAINDOL-2-YL)BENZIMIDAZOLES UTILISES COMME INHIBITEURS DE PAD4**
[72] ATKINSON, STEPHEN JOHN, GB
[72] BARKER, MICHAEL DAVID, GB
[72] CAMPBELL, MATTHEW, GB
[72] DIALLO, HAWA, GB
[72] DOUAULT, CLEMENT, GB
[72] GARTON, NEIL STUART, GB
[72] LIDDLE, JOHN, GB
[72] SHEPPARD, ROBERT JOHN, GB
[72] WALKER, ANN, LOUISE, GB
[72] WELLAWAY, CHRISTOPHER, GB
[72] WILSON, DAVID MATTHEW, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2015-01-16
[86] 2012-07-26 (PCT/EP2012/064649)
[87] (WO2014/015905)

[21] **2,879,342**
[13] A1

[51] **Int.Cl. B01J 19/12 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC ENERGY-INITIATED PLASMA REACTOR SYSTEMS AND METHODS**
[54] **REACTEURS PLASMA A COMMANDE A ENERGIE ELECTROMAGNETIQUE ET PROCEDES ASSOCIES**
[72] TRANQUILLA, JAMES, CA
[71] ATLANTIC HYDROGEN INC., CA
[85] 2015-01-16
[86] 2013-07-18 (PCT/CA2013/000652)
[87] (WO2014/012169)
[30] US (61/672,846) 2012-07-18
[30] US (61/672,842) 2012-07-18

[21] **2,879,343**
[13] A1

[51] **Int.Cl. F03B 3/18 (2006.01) F03B 17/06 (2006.01) F03D 3/04 (2006.01)**
[25] EN
[54] **VERTICAL AXIS WIND AND HYDRAULIC TURBINE WITH FLOW CONTROL**
[54] **TURBINE EOLIENNE ET HYDRAULIQUE A AXE VERTICAL AVEC COMMANDE D'ECOULEMENT**
[72] RUBIO, HUMBERTO ANTONIO, AR
[71] RUBIO, ANA ELISA, AR
[71] RUBIO, HUMBERTO ANTONIO, AR
[85] 2015-01-16
[86] 2013-07-16 (PCT/IB2013/055839)
[87] (WO2014/013432)
[30] AR (P20120102619) 2012-07-19
[30] AR (P20120103837) 2012-10-15

[21] **2,879,344**
[13] A1

[51] **Int.Cl. B01J 8/02 (2006.01) B01J 20/00 (2006.01) F23D 3/40 (2006.01)**
[25] EN
[54] **DUAL-PRESSURE FIXED BED CHEMICAL LOOPING PROCESS**
[54] **PROCESSUS EN BOUCLE CHIMIQUE A LIT FIXE DOUBLE PRESSION**
[72] MACADAM, SCOTT, CA
[71] CONOCOPHILLIPS COMPANY, US
[85] 2015-01-15
[86] 2013-07-15 (PCT/US2013/050521)
[87] (WO2014/014831)
[30] US (61/672,136) 2012-07-16
[30] US (13/942,269) 2013-07-15

[21] **2,879,345**
[13] A1

[51] **Int.Cl. B23Q 11/00 (2006.01)**
[25] EN
[54] **COLLET FAN FOR A ROTARY TOOL**
[54] **VENTILATEUR A COLLERETTE POUR OUTIL ROTATIF**
[72] DVORAK, CHRISTOPHER RYAN, US
[72] NAGY, BALAZS, US
[72] ADOLF, WAYNE F., US
[72] ENNIS, EDWARD G., US
[72] LIU, JIE, US
[71] ROBERT BOSCH GMBH, DE
[85] 2015-01-16
[86] 2013-07-12 (PCT/US2013/050252)
[87] (WO2014/014768)
[30] US (13/552,889) 2012-07-19

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[21] **2,879,346**
[13] A1

[51] **Int.Cl. C08J 9/04 (2006.01) B29C 44/50 (2006.01) C08J 9/06 (2006.01) C08K 5/02 (2006.01) C08L 25/06 (2006.01)**

[25] EN

[54] **BLOWING AGENTS FOR EXTRUDED POLYSTYRENE FOAM AND EXTRUDED POLYSTYRENE FOAM AND METHODS OF FOAMING**

[54] **AGENTS GONFLANTS DESTINES A UNE MOUSSE DE POLYSTYRENE EXTRUDEE ET MOUSSE DE POLYSTYRENE EXTRUDEE ET PROCEDES DE MOUSSAGE**

[72] BOWMAN, JAMES M., US
[72] WILLIAMS, DAVID J., US
[71] HONEYWELL INTERNATIONAL INC., US

[85] 2015-01-15
[86] 2013-07-19 (PCT/US2013/051391)
[87] (WO2014/015315)
[30] US (61/673,603) 2012-07-19
[30] US (61/699,556) 2012-09-11
[30] US (61/801,980) 2013-03-15

[21] **2,879,347**
[13] A1

[51] **Int.Cl. C09J 161/00 (2006.01) C09J 201/04 (2006.01)**

[25] EN

[54] **FAST CURING CPVC SOLVENT CEMENT**

[54] **ADHESIF A SOLVANT DE CPVC A DURCISSEMENT RAPIDE**

[72] PARHAR, AMRIT, US
[72] HAMPTON, FOREST, US
[71] OATEY COMPANY, US

[85] 2015-01-15
[86] 2013-07-16 (PCT/US2013/050636)
[87] (WO2014/014881)
[30] US (61/672,970) 2012-07-18

[21] **2,879,348**
[13] A1

[51] **Int.Cl. B23B 45/02 (2006.01) B25B 21/00 (2006.01) F21L 4/00 (2006.01) G05F 3/02 (2006.01) H02P 7/06 (2006.01)**

[25] EN

[54] **POWER TOOLS AND HAND OPERATED ELECTRICAL DEVICES**

[54] **OUTILS ELECTRIQUES ET APPAREILS ELECTRIQUES A COMMANDE MANUELLE**

[72] HOSKING, PETER JOHN, AU
[71] HOSKING, PETER JOHN, AU

[85] 2015-01-16
[86] 2013-07-19 (PCT/IB2013/055944)
[87] (WO2014/013474)
[30] GB (1212958.1) 2012-07-20

[21] **2,879,349**
[13] A1

[51] **Int.Cl. A47G 25/82 (2006.01) A47G 25/90 (2006.01)**

[25] EN

[54] **AID FOR INSERTING A BODY PART INTO A GARMENT OR FOOTWEAR**

[54] **DISPOSITIF D'AIDE PERMETTANT D'INSERER UNE PARTIE DU CORPS DANS UN VETEMENT OU UNE CHAUSSURE**

[72] LEVELLE, PETER FRANCIS
GEORGE, GB
[71] LEVELLE, PETER FRANCIS
GEORGE, GB

[85] 2015-01-16
[86] 2013-03-27 (PCT/EP2013/056534)
[87] (WO2014/012684)
[30] GB (1213009.2) 2012-07-19

[21] **2,879,350**
[13] A1

[51] **Int.Cl. A47C 20/08 (2006.01) A47C 20/10 (2006.01) A61G 7/05 (2006.01)**

[25] EN

[54] **ARTICULATING BED WITH FLEXIBLE MATTRESS SUPPORT**

[54] **LIT ARTICULE COMPORTANT UN SUPPORT DE MATELAS FLEXIBLE**

[72] CLENET, ALAIN, US
[71] ERGOMOTION, INC., US

[85] 2015-01-15
[86] 2013-07-19 (PCT/US2013/051400)
[87] (WO2014/015320)
[30] US (61/673,878) 2012-07-20

[21] **2,879,351**
[13] A1

[51] **Int.Cl. C10G 2/00 (2006.01) C10G 5/00 (2006.01) C10J 3/46 (2006.01)**

[25] EN

[54] **INTEGRATION OF SYNGAS GENERATION TECHNOLOGY WITH FISCHER-TROPSCH PRODUCTION VIA CATALYTIC GAS CONVERSION**

[54] **INTEGRATION DE TECHNOLOGIE DE GENERATION DE GAZ DE SYNTHESE AVEC PRODUCTION DE FISCHER-TROPSCH VIA CONVERSION DE GAZ CATALYTIQUE**

[72] APANEL, GEORGE, US
[72] WEIBIN, JIANG, US
[72] MOHEDAS, SERGIO, US
[72] WRIGHT, HAROLD A., US
[71] RES USA, LLC, US

[85] 2015-01-16
[86] 2013-07-15 (PCT/US2013/050484)
[87] (WO2014/014818)
[30] US (61/672,023) 2012-07-16

[21] **2,879,352**
[13] A1

[51] **Int.Cl. C11D 1/02 (2006.01) C11D 1/835 (2006.01) C11D 3/20 (2006.01) C11D 3/386 (2006.01) C11D 7/22 (2006.01)**

[25] EN

[54] **LOW PH LIQUID CLEANING COMPOSITIONS WITH ENZYMES**

[54] **COMPOSITIONS DE NETTOYAGE LIQUIDES A FAIBLE PH ET A ENZYMES**

[72] FRANKENBACH, GAYLE MARIE, US
[72] DAVIS, JAN RICHARD, US
[72] BOEH, VINCE PAUL, US
[72] EMLEY, MICHAEL GABRIEL, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-15
[86] 2013-07-16 (PCT/US2013/050658)
[87] (WO2014/018309)
[30] US (61/675,850) 2012-07-26

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[21] **2,879,353**
[13] A1

[51] **Int.Cl. E06B 9/32 (2006.01) E06B 3/22 (2006.01) E06B 9/264 (2006.01)**
[25] EN
[54] **A BUILT-IN SUN-SHADING DEVICE OF HOLLOW GLASS PROTECTION SOLAIRE INTEGREE DANS UN VERRE CREUX**
[72] ZHANG, XUEZHONG, CN
[71] ZHANG, XUEZHONG, CN
[71] INTIGRAL, INC., US
[85] 2015-01-16
[86] 2012-07-24 (PCT/CN2012/000992)
[87] (WO2014/012193)
[30] CN (201210246022.7) 2012-07-17

[21] **2,879,354**
[13] A1

[51] **Int.Cl. C08J 3/14 (2006.01) B03C 1/01 (2006.01) C07K 16/26 (2006.01) C08K 3/22 (2006.01) C12N 15/10 (2006.01) C12Q 1/24 (2006.01) G01N 33/543 (2006.01) H01F 1/44 (2006.01)**
[25] EN
[54] **SPHERICAL MAGNETISABLE POLYVINYL ALCOHOL MICROPARTICLES, METHOD FOR PRODUCING SAME, AND USE THEREOF**
[54] **MICROPARTICULES D'ALCOOL POLYVINYLIQUE, MAGNETISABLES, SPHERIQUES, LEUR PROCEDE DE FABRICATION AINSI QUE LEUR UTILISATION**
[72] OSTER, JURGEN, DE
[72] SOMMER, THOMAS, DE
[72] A BRASSARD, LOTHAR, DE
[71] PERKINELMER CHEMAGEN TECHNOLOGIE GMBH, DE
[85] 2015-01-16
[86] 2013-07-18 (PCT/EP2013/002145)
[87] (WO2014/015966)
[30] DE (102012014536.5) 2012-07-21

[21] **2,879,355**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **ENZYME CONSTRUCT CONSTRUCTION D'ENZYME**
[72] HERON, ANDREW, GB
[72] CLARKE, JAMES, GB
[72] MOYSEY, RUTH, GB
[72] WALLACE, ELIZABETH JAYNE, GB
[72] BRUCE, MARK, GB
[72] JAYASINGHE, LAKMAL, GB
[72] CAPROTTI, DOMENICO, GB
[72] SOEROES, SZABOLCS, GB
[72] MCNEILL, LUKE, GB
[72] MISCA, MIHAELA, GB
[71] OXFORD NANOPORE TECHNOLOGIES LIMITED, GB
[85] 2015-01-15
[86] 2013-07-18 (PCT/GB2013/051928)
[87] (WO2014/013262)
[30] US (61/673,446) 2012-07-19
[30] US (61/774,694) 2013-03-08

[21] **2,879,356**
[13] A1

[51] **Int.Cl. E21B 25/00 (2006.01)**
[25] EN
[54] **TELESCOPING CORE BARREL CAROTIER TELESCOPIQUE**
[72] WILSON, BOBBY TALMA, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2015-01-15
[86] 2013-07-25 (PCT/US2013/052024)
[87] (WO2014/018737)
[30] US (61/676,011) 2012-07-26

[21] **2,879,357**
[13] A1

[51] **Int.Cl. A61F 13/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND CLOSURE DEVICE DISPOSITIF DE FERMETURE DE PLAIE PAR PRESSION NEGATIVE**
[72] DUNN, RAYMOND M., US
[72] HARTWELL, EDWARD YERBURY, GB
[72] HAMMOND, VICTORIA JODY, GB
[72] HICKS, JOHN KENNETH, GB
[72] HUDDLESTON, ELIZABETH MARY, GB
[72] KELLY, ANDREW, GB
[72] LINTON, ANDREW, GB
[72] RICHARDSON, MARK, GB
[72] SAXBY, CARL, GB
[72] STERN, TIM, GB
[71] SMITH & NEPHEW, INC., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2015-01-15
[86] 2013-07-16 (PCT/US2013/050698)
[87] (WO2014/014922)
[30] US (61/672,225) 2012-07-16
[30] US (61/771,732) 2013-03-01
[30] US (61/780,629) 2013-03-13

[21] **2,879,358**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING AN ESTER FROM A VAPOR MIXTURE PROCEDE POUR L'ELIMINATION D'UN ESTER D'UN MELANGE DE VAPEURS**
[72] DUNNENBERGER, DANIEL, CH
[72] LOVIAT, FRANCOIS, CH
[71] SULZER CHEMTECH AG, CH
[85] 2015-01-16
[86] 2013-04-23 (PCT/EP2013/058394)
[87] (WO2014/015999)
[30] EP (12177650.4) 2012-07-24

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[21] **2,879,359**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **SCREENING, DIAGNOSIS AND PROGNOSIS OF AUTISM AND OTHER DEVELOPMENTAL DISORDERS**

[54] **DEPISTAGE, DIAGNOSTIC ET PRONOSTIC DE L'AUTISME ET AUTRES TROUBLES DU DEVELOPPEMENT**

[72] COURCHESNE, ERIC, US

[72] PRAMPARO, TIZIANO, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2015-01-15

[86] 2013-07-25 (PCT/US2013/052094)

[87] (WO2014/018774)

[30] US (61/675,928) 2012-07-26

[21] **2,879,360**
[13] A1

[51] **Int.Cl. A61K 31/015 (2006.01) A61K 31/4375 (2006.01) A61K 31/44 (2006.01)**

[25] EN

[54] **ATX MODULATING AGENTS**

[54] **AGENTS DE MODULATION D'ATX**

[72] GUCKIAN, KEVIN, US

[72] KUMARAVEL, GNANASAMBANDAM, US

[72] MA, BIN, US

[72] MI, SHA, US

[72] PENG, HAIRUO, US

[72] SHAO, ZHAOHUI, US

[72] SUN, LIHONG, US

[72] TAVERAS, ARTHUR, US

[72] WANG, DEPING, US

[72] XIN, ZHILI, US

[72] ZHANG, LEI, US

[71] BIOGEN IDEC MA INC., US

[85] 2015-01-15

[86] 2013-07-26 (PCT/US2013/052316)

[87] (WO2014/018881)

[30] US (61/676,705) 2012-07-27

[21] **2,879,361**
[13] A1

[51] **Int.Cl. A01G 7/04 (2006.01) A01G 7/00 (2006.01)**

[25] EN

[54] **ULTRASONICALLY ENHANCED SEED GERMINATION SYSTEM**

[54] **SYSTEME DE GERMINATION DES GRAINES STIMULEE PAR LES ULTRASONS**

[72] REDDING, BRUCE K., JR., US

[71] REDDING, BRUCE K., JR., US

[85] 2015-01-15

[86] 2013-07-19 (PCT/US2013/000167)

[87] (WO2013/184169)

[30] US (61/689,298) 2012-06-04

[21] **2,879,362**
[13] A1

[51] **Int.Cl. A61K 33/20 (2006.01)**

[25] EN

[54] **PREPARATION FOR TREATMENT OF WOUNDS AND SORES COMPRISING HYPOCHLORITE AND AMINO ACIDS**

[54] **PREPARATION POUR LE TRAITEMENT DE BLESSURES ET DE PLAIES COMPRENANT DE L'HYPOCHLORITE ET DES ACIDES AMINES**

[72] ALMHOJD, ULRICA, SE

[72] BERGQVIST, KARIN, SE

[71] RLS GLOBAL AB, SE

[85] 2015-01-16

[86] 2013-07-15 (PCT/EP2013/064919)

[87] (WO2014/016157)

[30] SE (1250891-7) 2012-07-24

[21] **2,879,363**
[13] A1

[51] **Int.Cl. G02B 5/28 (2006.01) G01J 5/08 (2006.01)**

[25] EN

[54] **OPTICAL FILTER AND SENSOR SYSTEM**

[54] **FILTRE OPTIQUE ET SYSTEME DE CAPTEUR**

[72] HENDRIX, KAREN DENISE, US

[72] BRADLEY, RICHARD A., JR., US

[72] GRIGONIS, MARIUS, US

[71] JDS UNIPHASE CORPORATION, US

[85] 2015-01-15

[86] 2013-07-16 (PCT/US2013/050710)

[87] (WO2014/014930)

[30] US (61/672,164) 2012-07-16

[21] **2,879,364**
[13] A1

[51] **Int.Cl. B32B 1/08 (2006.01) C08J 9/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE CONTINUOUS PRODUCTION OF FOAMS IN PIPES**

[54] **PROCEDE DE PRODUCTION EN CONTINU DE PRODUIT MOUSSE DANS DES CONDUITES**

[72] GRIESER-SCHMITZ, CHRISTOF, DE

[72] ELLERSIEK, CARSTEN, DE

[71] BASF SE, DE

[85] 2015-01-16

[86] 2013-07-15 (PCT/EP2013/064880)

[87] (WO2014/012877)

[30] EP (12176704.0) 2012-07-17

[21] **2,879,365**
[13] A1

[51] **Int.Cl. B01D 17/04 (2006.01) C02F 1/36 (2006.01) C02F 1/40 (2006.01)**

[25] EN

[54] **IMPROVED SEPARATION OF MULTI-COMPONENT FLUID THROUGH ULTRASONIC ACOUSTOPHORESIS**

[54] **SEPARATION AMELIOREE D'UN LIQUIDE A PLUSIEURS COMPOSANTS PAR LE BIAIS DE L'ACOUSTOPHORESE ULTRASONORE**

[72] LIPKENS, BART, US

[72] DIONNE, JASON, US

[72] MERCADO, ARI, US

[72] DUTRA, BRIAN, US

[72] PRESZ, WALTER, JR., US

[72] MASI, LOUIS, US

[72] KENNEDY, THOMAS J., III, US

[71] FLODESIGN SONICS, INC., US

[85] 2015-01-15

[86] 2013-07-16 (PCT/US2013/050729)

[87] (WO2014/014941)

[30] US (61/671,856) 2012-07-16

[30] US (61/754,792) 2013-01-21

[30] US (13/844,754) 2013-03-15

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[21] **2,879,366**
[13] A1

[51] **Int.Cl. G01N 22/00 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **FOURIER TRANSFORM MICROWAVE SPECTROSCOPY FOR ENANTIOMER-SPECIFIC DETECTION OF CHIRAL MOLECULES**
[54] **SPECTROSCOPIE MICRO-ONDES A TRANSFORMEE DE FOURIER POUR DETECTION SPECIFIQUE A UN ENANTIOMERE DE MOLECULES CHIRALES**
[72] PATTERSON, DAVID S., US
[72] DOYLE, JOHN M., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2015-01-15
[86] 2013-03-14 (PCT/US2013/031779)
[87] (WO2014/014512)
[30] US (61/673,917) 2012-07-20
[30] US (61/761,582) 2013-02-06

[21] **2,879,367**
[13] A1

[51] **Int.Cl. F01N 3/24 (2006.01) B01D 53/94 (2006.01) B60S 5/00 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **CATALYTIC CONVERTER, A KIT FOR SERVICING A CATALYTIC CONVERTER, AND METHODS FOR SERVICING A CATALYTIC CONVERTER**
[54] **CONVERTISSEUR CATALYTIQUE, KIT POUR L'ENTRETIEN D'UN CONVERTISSEUR CATALYTIQUE ET METHODES D'ENTRETIEN D'UN CONVERTISSEUR CATALYTIQUE**
[72] SERVAAS, PAUL, US
[72] MILLER, RYAN SCOTT, US
[71] SERVAAS LABORATORIES, INC., US
[85] 2015-01-15
[86] 2013-07-26 (PCT/US2013/052321)
[87] (WO2014/018883)
[30] US (13/560,667) 2012-07-27

[21] **2,879,368**
[13] A1

[51] **Int.Cl. H04W 24/02 (2009.01)**
[25] EN
[54] **UPLINK INTERFERENCE MANAGEMENT METHOD, NODE, AND SYSTEM**
[54] **PROCEDE, NOEUD ET SYSTEME DE DETECTION D'INTERFERENCE DE LIAISON MONTANTE**
[72] CHEN, DONG, CN
[72] XU, XIAOYING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-01-16
[86] 2012-07-17 (PCT/CN2012/078771)
[87] (WO2014/012222)

[21] **2,879,369**
[13] A1

[51] **Int.Cl. C07D 217/26 (2006.01) A61K 31/47 (2006.01) A61P 9/00 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **NOVEL 5-AMINOTETRAHYDROQUINOLIN E-2-CARBOXYLIC ACIDS AND USE THEREOF**
[54] **NOUVEAUX ACIDES 5-AMINOTETRAHYDROCHINOLIN O-2-CARBOXYLIQUES ET LEUR UTILISATION**
[72] HAHN, MICHAEL, DE
[72] FOLLMANN, MARKUS, DE
[72] HUBSCH, WALTER, DE
[72] BECKER, EVA-MARIA, DE
[72] STASCH, JOHANNES-PETER, DE
[72] KELDENICH, JOERG (DECEASED), DE
[72] DELBECK, MARTINA, DE
[72] TINEL, HANNA, DE
[72] WUNDER, FRANK, DE
[72] MITTENDORF, JOACHIM, DE
[72] TEREYESI, ILDIKO, DE
[72] LANG, DIETER, DE
[72] MARTIN, RENE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2015-01-16
[86] 2013-07-16 (PCT/EP2013/065017)
[87] (WO2014/012934)
[30] EP (12177284.2) 2012-07-20
[30] EP (13167967.2) 2013-05-16

[21] **2,879,370**
[13] A1

[51] **Int.Cl. A23L 3/3472 (2006.01) A23B 4/14 (2006.01) C11B 5/00 (2006.01)**
[25] EN
[54] **NOVEL FOOD AND FEED ANTIOXIDANTS AND PRESERVATIVES BASED ON ANTIOXIDANT ENZYMES EXTRACTED FROM ANIMAL BLOOD**
[54] **NOUVEAUX ANTI-OXYDANTS ET CONSERVATEURS D'ALIMENTS ET D'ALIMENTS POUR ANIMAUX A BASE D'ENZYMES ANTI-OXYDANTES EXTRAITES A PARTIR DE SANG D'ANIMAL**
[72] REUKOV, VLADIMIR, US
[72] VERTEGEL, ALEXEY, US
[71] CLEMSON UNIVERSITY RESEARCH FOUNDATION, US
[85] 2015-01-16
[86] 2013-07-16 (PCT/US2013/050598)
[87] (WO2014/014860)
[30] US (61/671,817) 2012-07-16

[21] **2,879,371**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **FLOW CONTROL SYSTEM WITH INTERCHANGEABLE ACTUATORS**
[54] **SYSTEME DE COMMANDE DE FLUX AVEC ACTIONNEURS INTERCHANGEABLES**
[72] MCKEON, MICHAEL ANTHONY, IE
[72] ELLIOTT, DECLAN, IE
[72] EVANS, FINBARR WILLIAMS, IE
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2015-01-15
[86] 2013-05-08 (PCT/US2013/040197)
[87] (WO2014/014552)
[30] US (13/555,012) 2012-07-20

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[21] **2,879,372**
[13] A1

[51] **Int.Cl. H02K 1/24 (2006.01) H02K 19/16 (2006.01)**
[25] EN
[54] **ROTOR AND GENERATOR FOR REDUCING HARMONICS**
[54] **ROTOR ET GENERATEUR POUR REDUIRE DES HARMONIQUES**
[72] DUVAL, RANDALL J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2015-01-15
[86] 2013-07-26 (PCT/US2013/052377)
[87] (WO2014/018915)
[30] US (61/676,709) 2012-07-27
[30] US (13/910,056) 2013-06-04

[21] **2,879,373**
[13] A1

[51] **Int.Cl. F26B 3/00 (2006.01)**
[25] EN
[54] **ROOM TEMPERATURE DRYING SYSTEM**
[54] **SYSTEME DE SECHAGE A TEMPERATURE NORMALE**
[72] LEE, SHANG-YO, TW
[71] LEE, SHANG-YO, TW
[85] 2015-01-16
[86] 2012-07-18 (PCT/CN2012/078792)
[87] (WO2014/012223)

[21] **2,879,374**
[13] A1

[51] **Int.Cl. C04B 38/02 (2006.01)**
[25] EN
[54] **COAL ASH SOLIDIFIED FOAM MATERIAL FOR PREVENTNG SPONTANEOUS COMBUSTION OF COAL AND PREPARATION METHOD THEREOF**
[54] **MATERIAU ALVEOLAIRE ISSU DE LA SOLIDIFICATION DE CENDRE DE HOUILLE UTILISE POUR LA PREVENTION ET LE TRAITEMENT DE LA COMBUSTION SPONTANEE DE CHARBON ET PROCEDE DE PREPARATION S'Y RAPPORANT**
[72] QIN, BOTAO, CN
[72] LU, YI, CN
[72] ZHANG, LEILIN, CN
[72] JIA, YUWEI, CN
[72] LI, LEI, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2014-12-12
[86] 2014-03-26 (PCT/CN2014/074075)
[87] (WO2015/007104)
[30] CN (201310298775.7) 2013-07-17

[21] **2,879,375**
[13] A1

[51] **Int.Cl. C09D 11/00 (2014.01) G01K 11/14 (2006.01) H01F 1/00 (2006.01)**
[25] EN
[54] **CHEMICAL COMPOSITION SENSITIVE TO TEMPERATURE VARIATIONS AND METHOD OF PRODUCTION AND USE THEREOF.**
[54] **COMPOSITION CHIMIQUE SENSIBLE A DES VARIATIONS DE TEMPERATURE ET PROCEDE DE FABRICATION ET D'UTILISATION DE CELLE-CI**
[72] MANDELLI, MARCO, IT
[71] MANDELLI, MARCO, IT
[85] 2015-01-15
[86] 2013-08-08 (PCT/IB2013/056493)
[87] (WO2014/024162)
[30] IT (VR2012A000168) 2012-08-10

[21] **2,879,376**
[13] A1

[51] **Int.Cl. F01D 11/24 (2006.01)**
[25] EN
[54] **ACTIVE CLEARANCE CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE ACTIF DES JEUX**
[72] SCHIMMELS, SCOTT ALAN, US
[72] FUSINATO, DANIEL JOHN, US
[72] GLESSNER, JOHN CARL, US
[72] MIRKOVICH, DAN NICHOLAS, US
[72] PROCTOR, ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
[86] 2013-06-19 (PCT/US2013/046501)
[87] (WO2014/018193)
[30] US (61/675,396) 2012-07-25
[30] US (13/743,818) 2013-01-17

[21] **2,879,377**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **FUCOSE AS A BIOMARKER FOR GUT IMMUNITY**
[54] **FUCOSE CONVENANT COMME BIOMARQUEUR DE L'IMMUNITE DU TUBE DIGESTIF**
[72] GENICK, ULRICH KARL, CH
[72] LEDDA, MIRKO AURELIO, CH
[72] MONTOLIU ROURA, IVAN, CH
[72] LE COUTRE, JOHANNES, CH
[72] REZZI, SERGE ANDRE DOMINIQUE, CH
[72] COLLINO, SEBASTIANO, CH
[72] MARTIN, FRANCOIS-PIERRE, CH
[72] DA SILVA, LAETICIA, CH
[71] NESTEC S.A., CH
[85] 2015-01-16
[86] 2013-07-15 (PCT/EP2013/064914)
[87] (WO2014/012892)
[30] EP (12177333.7) 2012-07-20

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[21] **2,879,378**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGEMENT OF PATIENTS AND CRITICAL INFORMATION**
[54] **SYSTEME ET PROCEDE DE GESTION DE PATIENTS ET D'INFORMATIONS CRITIQUES**
[72] WORTMAN, DAVID, US
[72] BYNAGARI, BHARATH B. REDDY, US
[72] VASQUEZ, JASON, US
[72] KLEIMAN, MARC, US
[71] DIAGNOTES, INC., US
[85] 2015-01-15
[86] 2013-07-27 (PCT/US2013/052428)
[87] (WO2014/018952)
[30] US (61/676, 367) 2012-07-27

[21] **2,879,379**
[13] A1

[51] **Int.Cl. F28D 1/02 (2006.01) F02K 1/82 (2006.01) F02K 3/115 (2006.01) F28D 1/06 (2006.01) F28F 1/16 (2006.01) F28F 3/04 (2006.01) F28F 21/08 (2006.01)**
[25] EN
[54] **AIR-COOLED ENGINE SURFACE COOLER**
[54] **REFROIDISSEUR DE SURFACE DE MOTEUR REFROIDI PAR AIR**
[72] ANTEL, WILLIAM JOSEPH, JR., US
[72] DIAZ, CARLOS ENRIQUE, US
[72] BENIGNOS, JORGE CARRETERO, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
[86] 2013-06-21 (PCT/US2013/046961)
[87] (WO2014/018198)
[30] US (13/560,779) 2012-07-27

[21] **2,879,380**
[13] A1

[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/24 (2006.01)**
[25] EN
[54] **DAMPER SYSTEM AND CORRESPONDING TURBINE**
[54] **SYSTEME D'AMORTISSEUR ET TURBINE CORRESPONDANTE**
[72] KLEINOW, CHAD DANIEL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
[86] 2013-06-21 (PCT/US2013/046963)
[87] (WO2014/014616)
[30] US (61/674,086) 2012-07-20
[30] US (13/656,098) 2012-10-19

[21] **2,879,381**
[13] A1

[51] **Int.Cl. B04C 5/13 (2006.01) B01D 19/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR CYCLONE SEPARATION OF A FLUID FLOW INTO A GAS PHASE AND A LIQUID PHASE AND VESSEL PROVIDED WITH SUCH AN APPARATUS**
[54] **APPAREIL DESTINE A LA SEPARATION CYCLONIQUE D'UN ECOULEMENT LIQUIDE DANS UNE PHASE GAZEUSE ET UNE PHASE LIQUIDE ET RESERVOIR POURVU D'UN TEL APPAREIL**
[72] SWANBORN, ROMBOUT ADRIAAN, NL
[71] ADVANCED TECHNOLOGIES & INNOVATIONS B.V., NL
[85] 2015-01-16
[86] 2013-08-07 (PCT/NL2013/050584)
[87] (WO2014/025256)
[30] NL (2009299) 2012-08-08

[21] **2,879,382**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD FOR ASSIGNING NUMBER OF CONTROL CHANNEL CANDIDATES AND NUMBER OF BLIND DETECTION TIMES, BASE STATION, AND USER EQUIPMENT**
[54] **PROCEDE D'AFFECTATION D'UN NOMBRE DE CANDIDATS CANAUX DE COMMANDE ET D'UNE FREQUENCE DE DETECTION AVEUGLE, STATION DE BASE ET EQUIPEMENT UTILISATEUR**
[72] LIU, JIANQIN, CN
[72] LIU, KUNPENG, CN
[72] WU, QIANG, CN
[72] ZHOU, YONGXING, CN
[72] LIU, JIANGHUA, CN
[71] HUAWAI TECHNOLOGIES CO., LTD., CN
[85] 2015-01-16
[86] 2012-11-02 (PCT/CN2012/084025)
[87] (WO2014/067141)

[21] **2,879,383**
[13] A1

[51] **Int.Cl. A61K 9/19 (2006.01) A61K 31/65 (2006.01)**
[25] EN
[54] **TIGECYCLINE COMPOSITION FOR INJECTION**
[54] **COMPOSITION DE TIGECYCLINE DESTINEE A ETRE INJECTEE**
[72] QIN, JIHONG, CN
[71] GALENICUM HEALTH S.L., ES
[85] 2015-01-16
[86] 2013-04-07 (PCT/CN2013/000397)
[87] (WO2013/139179)
[30] CN (201210078509.9) 2012-03-22

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[13] A1

[51] **Int.Cl. A61J 3/06 (2006.01) A61K 9/44 (2006.01) B41F 17/36 (2006.01) B41J 3/54 (2006.01) B41J 3/60 (2006.01) B41J 29/46 (2006.01)**

[25] EN
[54] **PRINTER AND TABLET MACHINE A IMPRIMER ET COMPRI ME ASSOCIE**

[72] HARA, YOSHIO, JP
[72] MATSUDA, TAKESHI, JP
[72] MUKAI, TADASHI, JP
[72] HOSHIBA, TOSHIYUKI, JP
[72] KIMOTO, KEIJI, JP
[72] MAKINO, HIROMICHI, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP

[85] 2015-01-16
[86] 2013-07-16 (PCT/JP2013/069262)
[87] (WO2014/013973)
[30] JP (2012-160720) 2012-07-19
[30] JP (2012-160729) 2012-07-19

[21] **2,879,385**
[13] A1

[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01)**

[25] EN
[54] **ORGANOPOLYSILOXANE POLYMERS**

[54] **POLYMERES ORGANOPOLYSILOXANES**

[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] BARRERA, CAROLA, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052585)
[87] (WO2014/018985)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

[21] **2,879,386**
[13] A1

[51] **Int.Cl. G09F 3/10 (2006.01) G09F 3/02 (2006.01)**

[25] EN
[54] **ELECTROMAGNETIC SHIELDING LABEL ETIQUETTE DE BLINDAGE ELECTROMAGNETIQUE**

[72] LIM, JEFFREY A., US
[72] BUCHAN, BRYAN E., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2015-01-16
[86] 2013-03-14 (PCT/US2013/031204)
[87] (WO2014/014508)
[30] US (61/673,341) 2012-07-19

[21] **2,879,387**
[13] A1

[51] **Int.Cl. B41J 3/54 (2006.01) A61J 3/06 (2006.01) B41J 2/01 (2006.01) B41J 3/60 (2006.01) B41F 17/36 (2006.01)**

[25] EN
[54] **PRINTER AND TABLET MACHINE A IMPRIMER ET COMPRI ME ASSOCIE**

[72] HARA, YOSHIO, JP
[72] MATSUDA, TAKESHI, JP
[72] MUKAI, TADASHI, JP
[72] HOSHIBA, TOSHIYUKI, JP
[72] KIMOTO, KEIJI, JP
[72] MAKINO, HIROMICHI, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP

[85] 2015-01-16
[86] 2013-07-16 (PCT/JP2013/069263)
[87] (WO2014/013974)
[30] JP (2012-160729) 2012-07-19
[30] JP (2012-160720) 2012-07-19

[21] **2,879,388**
[13] A1

[51] **Int.Cl. G02B 19/00 (2006.01)**

[25] EN
[54] **OMNI-DIRECTIONAL REFLECTOR COMPRISING A FRUSTO-CONICAL SURFACE FOR A LIGHT-EMITTING DIODE**

[54] **REFLECTEUR OMNIDIRECTIONNEL COMPORTANT UNE SURFACE TRONCONIQUE POUR UNE DIODE ELECTROLUMINESCENTE**

[72] CAI, DENGKE, US
[72] CHINNIAH, JEYACHANDRABOSE, US
[72] KUENZLER, GLENN HOWARD, US
[71] GE LIGHTING SOLUTIONS, LLC, US

[85] 2015-01-15
[86] 2013-06-27 (PCT/US2013/048023)
[87] (WO2014/022033)
[30] US (13/566,623) 2012-08-03

[21] **2,879,389**
[13] A1

[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01)**

[25] EN
[54] **ORGANOPOLYSILOXANE POLYMERS**

[54] **POLYMERES ORGANOPOLYSILOXANES**

[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] BARRERA, CAROLA, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052588)
[87] (WO2014/018986)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

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[21] **2,879,390**
[13] A1

[51] **Int.Cl. F02C 7/143 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR AN INTERCOOLER AND WATER EXTRACTION APPARATUS**
[54] **ECHANGEUR DE CHALEUR POUR REFROIDISSEUR INTERMEDIAIRE ET APPAREIL D'EXTRACTION D'EAU**
[72] DE BARROS, IAN ALEXANDRE, ARAUJO, US
[72] STORAGE, MICHAEL, RALPH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
[86] 2013-07-01 (PCT/US2013/048844)
[87] (WO2014/022046)
[30] US (13/561,627) 2012-07-30

[21] **2,879,391**
[13] A1

[51] **Int.Cl. A61M 16/16 (2006.01)**
[25] EN
[54] **BREATHING TUBE ASSEMBLIES WITH ADJUSTABLE ELBOW**
[54] **ENSEMBLES TUBES RACCORDS AYANT UN COUDE AJUSTABLE**
[72] MILLER, JEREMY LIVINGSTON, NZ
[72] D'ANDREA, DOMINIQUE RICHARD, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2015-01-16
[86] 2013-08-08 (PCT/NZ2013/000138)
[87] (WO2014/025266)
[30] US (61/681,083) 2012-08-08

[21] **2,879,392**
[13] A1

[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01) C08L 83/10 (2006.01)**
[25] EN
[54] **CONSUMER PRODUCT COMPOSITIONS COMPRISING ORGANOPOLYSILOXANE EMULSIONS**
[54] **COMPOSITIONS DE PRODUITS DE CONSOMMATION COMPORTANT DES EMULSIONS D'ORGANOPOLYSILOXANES**
[72] GIZAW, YONAS, US
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] BARRERA, CAROLA, US
[72] KOENIG, PETER HERBERT, US
[72] JAMADAGNI, SUMANTH NARAHARI, US

[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052589)
[87] (WO2014/018987)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

[21] **2,879,393**
[13] A1

[51] **Int.Cl. A23D 9/00 (2006.01) A23C 11/00 (2006.01) A23D 7/00 (2006.01) A23L 1/30 (2006.01)**
[25] EN
[54] **NUTRITIONAL CREAMER COMPOSITION**
[54] **COMPOSITION DE COLORANT A CAFE A EFFET NUTRITIONNEL**
[72] GAYGADZHIEV, ZAFIR, US
[72] O'RISKY, LINDA, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2015-01-15
[86] 2013-07-02 (PCT/US2013/049057)
[87] (WO2014/022051)
[30] US (13/565,339) 2012-08-02

[21] **2,879,394**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ON DEMAND DAILY DEAL SETTLEMENT**
[54] **PROCEDE ET SYSTEME POUR REGLEMENT QUOTIDIEN DE TRANSACTIONS A LA DEMANDE**
[72] MARTINEZ, JOSE-LUIS CELORIO, US
[72] GILMAN, ANDREA CHRISTINE, US
[72] KUO, DANA MARIE, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2015-01-16
[86] 2013-07-16 (PCT/US2013/050626)
[87] (WO2014/014875)
[30] US (13/551,406) 2012-07-17

[21] **2,879,395**
[13] A1

[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01)**
[25] EN
[54] **CONSUMER PRODUCT COMPOSITIONS COMPRISING ORGANOPOLYSILOXANE CONDITIONING POLYMERS**
[54] **COMPOSITIONS DE PRODUITS DE CONSOMMATION COMPORTANT DES POLYMERES CONDITIONNEURS ORGANOPOLYSILOXANES**
[72] BARRERA, CAROLA, US
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] SNYDER, MICHAEL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052592)
[87] (WO2014/018988)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

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[21] **2,879,396**
[13] A1

[51] **Int.Cl. F24H 1/20 (2006.01) F24D 3/10 (2006.01) F24D 19/00 (2006.01) F24H 9/20 (2006.01)**

[25] EN

[54] **HOT-WATER BOILER, HEATING PIPES AND INSTALLATION STRUCTURE THEREFOR**

[54] **CHAUDIERE A EAU CHAUDE, TUYAUX DE CHAUFFAGE ET LEUR STRUCTURE D'INSTALLATION**

[72] SHIN, YOON MIN, KR
[71] SHIN, YOON MIN, KR
[85] 2015-01-16
[86] 2013-07-12 (PCT/KR2013/006234)
[87] (WO2014/014236)
[30] KR (10-2012-0079424) 2012-07-20
[30] KR (10-2013-0042893) 2013-04-18
[30] KR (10-2013-0054200) 2013-05-14

[21] **2,879,397**
[13] A1

[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) A61L 15/26 (2006.01) C08G 77/452 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLES COMPRISING ORGANOPOLYSILOXANE CONDITIONING POLYMERS**

[54] **ARTICLES ABSORBANTS COMPORANT DES POLYMERES CONDITIONNEURS ORGANOPOLYSILOXANES**

[72] BARRERA, CAROLA, US
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] NEAL, CHARLES WILLIAM, US
[72] HAMMONS, JOHN LEE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052594)
[87] (WO2014/018989)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

[21] **2,879,398**
[13] A1

[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/55 (2006.01) C07D 487/04 (2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **NOVEL METHODS AND INTERMEDIATES FOR THE PREPARATION OF (4BS,5AR)-12-CYCLOHEXYL-N-(N,N-DIMETHYLSULFAMOYL)-3-METHOXY-5A-((1R,5S)-3-METHYL-3,8-DIAZABICYCLO[3.2.1]OCTANE-8-CARBONYL)-4B,5,5A,6-TETRAHYDROBENZO[3,4]CYCLOPROPA[5,6]AZEPINO[1,2-A]INDOLE-9-CARBOXAMIDE**

[54] **NOUVEAUX PROCEDES ET INTERMEDIAIRES POUR LA PREPARATION DE (4BS,5AR)-12-CYCLOHEXYL-N-(N,N-DIMETHYLSULFAMOYL)-3-METHOXY-5A-((1R,5S)-3-METHYL-3,8-DIAZABICYCLO[3.2.1]OCTANE-8-CARBONYL)-4B,5,5A,6-TETRAHYDROBENZO[3,4]CYCLOPROPA[5,6]AZEPINO[1,2-A]INDOLE-9-CARBOXAMIDE**

[72] DELMONTE, ALBERT J., US
[72] NATALIE, KENNETH J., JR., US
[72] FRAUNHOFFER, KENNETH J., US
[72] RISATTI, CHRISTINA ANN, US
[72] HANG, CHAO, US
[72] GAO, ZHINONG, US
[72] DAVULCU, AKIN H., US
[72] HU, WENHAO, CN
[71] BRISTOL-MYERS SQUIBB HOLDINGS IRELAND, CH
[85] 2015-01-16
[86] 2013-07-16 (PCT/US2013/050640)
[87] (WO2014/014885)
[30] US (61/672,905) 2012-07-18

[21] **2,879,399**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G01N 27/00 (2006.01) G01N 35/00 (2006.01)**

[25] EN

[54] **DEVICES AND METHODS FOR ENHANCED DETECTION AND IDENTIFICATION OF DISEASES**

[54] **DISPOSITIFS ET PROCEDES DE DETECTION ET D'IDENTIFICATION AMELIOREES DE MALADIES**

[72] YU, CHANG, CN
[72] DU, XUEDONG, CN
[71] CHANG HE BIO-MEDICAL SCIENCE (YANGZHOU) CO., LTD., CN
[85] 2015-01-16
[86] 2013-07-16 (PCT/CN2013/000852)
[87] (WO2014/012356)
[30] US (61/672,231) 2012-07-16

[21] **2,879,400**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) C07B 59/00 (2006.01)**

[25] EN

[54] **DEUTERATED IBRUTINIB**

[54] **IBRUTINIB DEUTERE**

[72] TUNG, ROGER D., US
[72] MORGAN, ADAM J., US
[71] CONCERT PHARMACEUTICALS, INC., US
[85] 2015-01-15
[86] 2013-07-30 (PCT/US2013/052721)
[87] (WO2014/022390)
[30] US (61/677,307) 2012-07-30

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[21] **2,879,401**
[13] A1

[51] **Int.Cl. A61K 31/57 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/56 (2006.01) A61K 47/30 (2006.01)**

[25] EN

[54] **17-HYDROXYPROGESTERONE ESTER-CONTAINING ORAL COMPOSITIONS AND RELATED METHODS**

[54] **COMPOSITIONS ORALES CONTENANT UN ESTER DE 17-HYDROXYPROGESTERONE ET PROCEDES S'Y RAPPORTANT**

[72] GILIYAR, CHANDRASHEKAR, US

[72] VENKATESHWARAN, SRINIVANSAN, US

[72] CHICKMATH, BASAWARAJ, US

[72] NACHAEGARI, SATISH KUMAR, US

[72] NACHIAPPAN, CHIDAMBARAM, US

[72] PATEL, MAHESH V., US

[71] LIPOCINE, INC., US

[85] 2015-01-16

[86] 2012-07-27 (PCT/US2012/048708)

[87] (WO2013/016697)

[30] US (13/193,571) 2011-07-28

[21] **2,879,402**
[13] A1

[51] **Int.Cl. B01D 15/08 (2006.01) F16J 15/02 (2006.01) G01N 30/02 (2006.01)**

[25] EN

[54] **HPLC FRIT FILTER ASSEMBLY**

[54] **ENSEMBLE FILTRE DE TYPE FRITTE POUR HPLC**

[72] FORD, ROBERT A., US

[72] CHIN, VANCE R., US

[72] MEDLOCK, KEVIN A., US

[72] KEEGAN, MICHAEL P., US

[71] FH INSTRUMENTS, LLC, US

[85] 2015-01-16

[86] 2013-07-16 (PCT/US2013/050770)

[87] (WO2014/014967)

[30] US (13/551,608) 2012-07-17

[21] **2,879,403**
[13] A1

[51] **Int.Cl. F02K 3/06 (2006.01) F01D 9/02 (2006.01) F02C 7/00 (2006.01) F02C 7/04 (2006.01) F02C 7/057 (2006.01) F04D 29/54 (2006.01)**

[25] EN

[54] **ENGINE DUCT AND AIRCRAFT ENGINE**

[54] **CONDUITE DE MOTEUR ET MOTEUR D'AERONEF**

[72] KUSUDA, SHINYA, JP

[72] Ooba, YOSHINORI, JP

[71] IHI CORPORATION, JP

[85] 2015-01-16

[86] 2013-07-25 (PCT/JP2013/070171)

[87] (WO2014/017585)

[30] JP (2012-165652) 2012-07-26

[21] **2,879,404**
[13] A1

[51] **Int.Cl. A61K 47/46 (2006.01) A61K 9/20 (2006.01) B41M 5/00 (2006.01) C09D 11/00 (2014.01)**

[25] EN

[54] **TABLET HAVING DRY-INK FILM ON SURFACE THEREOF, AND INK FOR INKJET PRINTER**

[54] **TABLETTE AYANT UN FILM D'ENCRE SECHE SUR LA SURFACE DE CELLE-CI, ET ENCRE POUR IMPRIMANTE A JET D'ENCRE**

[72] OZAKI, TOMOAKI, JP

[72] KITADA, HIDEKAZU, JP

[72] IIDA, YASUHARU, JP

[72] HARA, YOSHIO, JP

[72] MATSUDA, TAKESHI, JP

[72] MUKAI, TADASHI, JP

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

[85] 2015-01-16

[86] 2013-07-17 (PCT/JP2013/069377)

[87] (WO2014/014010)

[30] JP (2012-161583) 2012-07-20

[21] **2,879,405**
[13] A1

[51] **Int.Cl. F01K 3/00 (2006.01) F01K 27/00 (2006.01) F02C 6/16 (2006.01) F02C 7/10 (2006.01) F28C 3/14 (2006.01)**

[25] EN

[54] **REGENERATIVE THERMAL ENERGY SYSTEM, A POWER GENERATING FACILITY COMPRISING SUCH A SYSTEM AND A METHOD OF OPERATING THE SAME**

[54] **SYSTEME D'ENERGIE THERMIQUE A RECUPERATION ET SON PROCEDE DE FONCTIONNEMENT**

[72] GONZALEZ SALAZAR, MIGUEL ANGEL, US

[72] BIBER, MATHILDE, US

[72] FINKENRATH, MATTHIAS, DE

[71] GENERAL ELECTRIC COMPANY, US

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[86] 2013-07-31 (PCT/US2013/052810)

[87] (WO2014/022451)

[30] US (13/563,142) 2012-07-31

[21] **2,879,407**
[13] A1

[51] **Int.Cl. B82B 3/00 (2006.01) B82B 1/00 (2006.01) C01B 31/06 (2006.01)**

[25] EN

[54] **METHOD OF PREPARING SILICA-COATED NANODIAMONDS**

[54] **PROCEDE DE PREPARATION DE NANODIAMANTS REVETUS DE SILICE**

[72] BUMB, AMBIKA, US

[72] SARKAR, SUSANTA KUMAR, US

[72] NEUMAN, KEIR C., US

[72] BRECHBIEL, MARTIN, US

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

[85] 2015-01-16

[86] 2013-07-17 (PCT/US2013/050779)

[87] (WO2014/014970)

[30] US (61/672,996) 2012-07-18

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[21] **2,879,408**
[13] A1

[51] **Int.Cl. F17C 9/00 (2006.01)**
[25] EN
[54] **LIQUEFIED BREATHING GAS SYSTEMS FOR UNDERGROUND MINES**
[54] **GAZ RESPIRATOIRE LIQUEFIE POUR MINES SOUTERRAINES**
[72] BAYM, MICHAEL H., US
[72] HILLIS, W. DANIEL, US
[72] HYDE, RODERICK A., US
[72] ISHIKAWA, MURIEL Y., US
[72] KARE, JORDIN T., US
[72] MYHRVOLD, CONOR L., US
[72] MYHRVOLD, NATHAN P., US
[72] PAN, TONY, US
[72] TEGREENE, CLARENCE T., US
[72] WHITMER, CHARLES, US
[72] WOOD, LOWELL L., JR., US
[72] WOOD, VICTORIA Y.H., US
[71] ELWHA LLC, US
[85] 2015-01-15
[86] 2013-07-10 (PCT/US2013/049871)
[87] (WO2014/014718)
[30] US (13/553,403) 2012-07-19

[21] **2,879,409**
[13] A1

[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/90 (2006.01) A61B 19/00 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **HIP REPLACEMENT NAVIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE NAVIGATION POUR UN REMPLACEMENT DE HANCHE**
[72] VAN DER WALT, NICHOLAS, US
[72] RYAN, MATTHEW, US
[72] NIELSEN, JONATHAN, US
[71] ORTHALIGN, INC., US
[85] 2015-01-15
[86] 2013-08-01 (PCT/US2013/053182)
[87] (WO2014/028227)
[30] US (61/683,167) 2012-08-14
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[21] **2,879,410**
[13] A1

[51] **Int.Cl. A61K 31/7105 (2006.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61K 48/00 (2006.01) A61P 13/10 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C12Q 1/68 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **AGENT FOR TREATING CANCER**
[54] **AGENT POUR LE TRAITEMENT DU CANCER**
[72] OCHIYA, TAKAHIRO, JP
[71] NATIONAL CANCER CENTER, JP
[71] ASAHI KASEI PHAMA CORPORATION, JP
[85] 2015-01-16
[86] 2013-08-19 (PCT/JP2013/072064)
[87] (WO2014/030602)
[30] JP (2012-181915) 2012-08-20

[21] **2,879,411**
[13] A1

[51] **Int.Cl. C04B 18/02 (2006.01) C04B 40/06 (2006.01) C09K 8/487 (2006.01)**
[25] EN
[54] **AQUEOUS CEMENT COMPOSITIONS INCORPORATING PARTICLES THAT ARE ACTIVATED TO CONTROL RHEOLOGY WHEN WATER SOLUBLE PORTIONS OF THE PARTICLES ARE RELEASED IN THE PRESENCE OF WATER**
[54] **COMPOSITIONS DE CIMENT AQUEUSES COMPRENANT DES PARTICULES QUI SONT ACTIVEES POUR REGULER LA RHEOLOGIE LORSQUE LES PARTIES SOLUBLES DANS L'EAU DES PARTICULES SONT LIBEREES EN PRESENCE D'EAU**
[72] WITHAM, COLE, US
[72] KUHLMAN, ROGER, US
[72] POINDEXTER, MICHAEL, US
[72] THEUERKAUF, JORG, US
[72] RADLER, MICHAEL, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2015-01-16
[86] 2013-07-17 (PCT/US2013/050806)
[87] (WO2014/014983)
[30] US (61/672,537) 2012-07-17

[21] **2,879,412**
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS OF DETECTING DNA, RNA AND PROTEIN IN BIOLOGICAL SAMPLES**
[54] **PROCEDES DE DETECTION D'ADN, D'ARN ET D'UNE PROTEINE DANS DES ECHANTILLONS BIOLOGIQUES**
[72] SOOD, ANUP, US
[72] GAO, WEI, US
[72] GERDES, MICHAEL JOHN, US
[72] GINTY, FIONA MARY, US
[72] SEPPO, ANTTI ELJAS, US
[72] COLLINS, ELIZABETH MARY, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
[86] 2013-07-12 (PCT/US2013/050218)
[87] (WO2014/014754)
[30] US (13/551,190) 2012-07-17

[21] **2,879,413**
[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04B 11/00 (2006.01) H04L 12/28 (2006.01) H05B 41/00 (2006.01)**
[25] EN
[54] **HOME NETWORK OF CONNECTED CONSUMER DEVICES**
[54] **RESEAU DOMESTIQUE DE DISPOSITIFS DE CONSOMMATEUR CONNECTES**
[72] APTE, RAJ B., US
[72] PAULSON, CHRISTOPHER, US
[72] HASENOEHL, ERIK JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-16
[86] 2013-07-17 (PCT/US2013/050834)
[87] (WO2014/015004)
[30] US (13/551,546) 2012-07-17

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[21] **2,879,414**
[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 17/16 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR ROBOTIC SURGERY**

[54] **SYSTEMES ET PROCEDES POUR CHIRURGIE ROBOTIQUE**

[72] BOWLING, DAVID GENE, US

[72] STUART, JOHN MICHAEL, US

[72] CULP, JERRY A., US

[72] MALACKOWSKI, DONALD W., US

[72] MOCTEZUMA DE LA BARRERA, JOSE LUIS, DE

[72] ROESSLER, PATRICK, DE

[72] BEER, JOEL N., US

[72] KETCHEL, JOHN, US

[71] STRYKER CORPORATION, US

[85] 2015-01-15

[86] 2013-08-02 (PCT/US2013/053451)

[87] (WO2014/022786)

[30] US (61/679,258) 2012-08-03

[30] US (61/792,251) 2013-03-15

[21] **2,879,415**
[13] A1

[51] **Int.Cl. E21B 47/04 (2012.01) G01P 7/00 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR CORRECTING THE SPEED OF A DOWNHOLE TOOL STRING**

[54] **SYSTEME ET PROCEDE PERMETTANT DE CORRIGER LA VITESSE D'UN TRAIN D'OUTILS DE FOND DE Puits**

[72] COLES, RANDOLPH S., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-16

[86] 2012-07-16 (PCT/US2012/046867)

[87] (WO2014/014441)

[21] **2,879,416**
[13] A1

[51] **Int.Cl. F16D 65/02 (2006.01) F16D 65/06 (2006.01) F16D 65/12 (2006.01)**

[25] EN

[54] **MULTI-CHAMBERED, LIQUID-COOLED DISC BRAKE**

[54] **FREIN A DISQUE A COMPARTIMENTS MULTIPLES REFROIDI PAR LIQUIDE**

[72] BOONPONGMANEE, THAVEESAK, US

[72] WEPPLLO, DANIEL, US

[72] DANKO, DONALD, US

[71] EATON CORPORATION, US

[85] 2015-01-15

[86] 2013-07-12 (PCT/US2013/050259)

[87] (WO2014/014770)

[30] US (13/549,944) 2012-07-16

[21] **2,879,417**
[13] A1

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

[25] EN

[54] **STRUCTURED SEARCH QUERIES BASED ON SOCIAL-GRAPH INFORMATION**

[54] **REQUETES DE RECHERCHES STRUCTUREES BASEES SUR DES INFORMATIONS DE GRAPHIQUE SOCIAL**

[72] LEE, YOFAY KARI, US

[72] COHEN, MICHAEL BENJAMIN, US

[72] BOUCHER, MAXIME, US

[72] AZZOLINI, ALISSON GUSATTI, US

[72] LI, XIAO, US

[72] RASMUSSEN, LARS EILSTRUP, US

[71] FACEBOOK, INC., US

[85] 2015-01-15

[86] 2013-07-17 (PCT/US2013/050781)

[87] (WO2014/018321)

[30] US (13/556,060) 2012-07-23

[21] **2,879,418**
[13] A1

[51] **Int.Cl. F01C 1/44 (2006.01) F04B 23/00 (2006.01)**

[25] EN

[54] **ROTARY EXPANSIBLE CHAMBER DEVICES HAVING ADJUSTABLE WORKING-FLUID PORTS, AND SYSTEMS INCORPORATING THE SAME**

[54] **DISPOSITIFS DE CHAMBRE EXPANSIBLE ROTATIVE AYANT DES ORIFICES DE FLUIDE DE TRAVAIL REGLABLES ET SYSTEMES LES COMPRENANT**

[72] FEUSTEL, AARON, US

[71] FEUSTEL, AARON, US

[85] 2015-01-15

[86] 2013-08-06 (PCT/US2013/053788)

[87] (WO2014/025778)

[30] US (61/680,970) 2012-08-08

[21] **2,879,419**
[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) G08B 21/18 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR NETWORKING CONSUMER DEVICES**

[54] **SYSTEMES ET PROCEDES DE MISE EN RESEAU DE DISPOSITIFS CLIENTS**

[72] APTE, RAJ B., US

[72] PAULSON, CHRISTOPHER, US

[72] HASENOEHL, ERIK JOHN, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-16

[86] 2013-07-17 (PCT/US2013/050835)

[87] (WO2014/015005)

[30] US (13/551,546) 2012-07-17

[21] **2,879,420**
[13] A1

[51] **Int.Cl. G01F 1/66 (2006.01) G01F 15/14 (2006.01)**

[25] EN

[54] **WELDING FIXTURE**

[54] **BATI DE SOUDAGE**

[72] ALLEN, CHARLES ROBERT, US

[72] HA, CHAE H., US

[71] DANIEL MEASUREMENT AND CONTROL, INC., US

[85] 2015-01-16

[86] 2012-09-06 (PCT/US2012/053842)

[87] (WO2014/014482)

[30] US (61/673,018) 2012-07-18

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[21] **2,879,421**
[13] A1

[51] **Int.Cl. C12N 15/11 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **COOPERATIVE PRIMERS, PROBES, AND APPLICATIONS THEREOF**
[54] **AMORCES COOPERATIVES, SONDRES ET APPLICATIONS CORRESPONDANTES**
[72] SATTERFIELD, BRENT C., US
[71] DNA LOGIX, INC., US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050811)
[87] (WO2014/014988)
[30] US (61/672,329) 2012-07-17
[30] US (61/732,532) 2012-12-03

[21] **2,879,422**
[13] A1

[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **INLINE MOTORIZED LOCK DRIVE FOR SOLENOID REPLACEMENT**
[54] **DISPOSITIF MOTORISE DE COMMANDE DE SERRURE EN SERIE POUR REMPLACEMENT DE SOLENOIDE**
[72] ELLIS, DAVID D., US
[72] LOWDER, SCOTT B., US
[71] SARGENT MANUFACTURING COMPANY, US
[85] 2015-01-16
[86] 2013-08-09 (PCT/US2013/054352)
[87] (WO2014/028332)
[30] US (61/683,455) 2012-08-15

[21] **2,879,423**
[13] A1

[51] **Int.Cl. G06F 3/16 (2006.01) H04W 84/18 (2009.01) A44C 5/14 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **TIME CYCLE AUDIO RECORDING DEVICE**
[54] **DISPOSITIF D'ENREGISTREMENT AUDIO A TEMPS DE CYCLE**
[72] SAROW, MIKE E., US
[72] DOOLEY, MATTHEW R., US
[71] NUGG-IT, LLC, US
[85] 2015-01-16
[86] 2013-07-17 (PCT/US2013/050877)
[87] (WO2014/015031)
[30] US (61/672,394) 2012-07-17

[21] **2,879,424**
[13] A1

[51] **Int.Cl. C09D 171/00 (2006.01) B05D 7/14 (2006.01) B65D 1/12 (2006.01) C09D 163/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR CONTAINERS AND OTHER ARTICLES AND METHODS OF USING SAME**
[54] **COMPOSITIONS POUR DES RECIPIENTS ET D'AUTRES ARTICLES ET LEURS PROCEDES D'UTILISATION**
[72] NIEDERST, JEFFREY, US
[72] EVANS, RICHARD H., US
[72] O'BRIEN, ROBERT M., US
[72] ROMAGNOLI, KEVIN, US
[72] VON MAIER, MARK S., US
[71] VALSPAR SOURCING, INC., US
[85] 2015-01-15
[86] 2013-08-08 (PCT/US2013/054132)
[87] (WO2014/025997)
[30] US (61/681,434) 2012-08-09

[21] **2,879,425**
[13] A1

[51] **Int.Cl. A61K 31/74 (2006.01) A61K 31/755 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING CROSSLINKED CATION-BINDING POLYMERS**
[54] **COMPOSITIONS COMPRENANT DES POLYMERES RETICULES DE LIAISON A DES CATIONS**
[72] DE YOUNG, LINDA, US
[72] CARROLL, STEPHEN F., US
[71] RELYPSA, INC., US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051253)
[87] (WO2014/015240)
[30] US (61/673,707) 2012-07-19

[21] **2,879,426**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 40/06 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR SINGLE CELL EXPRESSION PROFILING**
[54] **PROCEDES ET COMPOSITIONS POUR LE PROFILAGE D'EXPRESSION CELLULAIRE UNIQUE**
[72] CHENCHIK, ALEX, US
[71] CELLECTA, INC., US
[85] 2015-01-16
[86] 2014-01-13 (PCT/US2014/011305)
[87] (WO2014/110509)
[30] US (61/752,233) 2013-01-14

[21] **2,879,427**
[13] A1

[51] **Int.Cl. A61K 38/21 (2006.01) A61P 35/04 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD OF DIAGNOSIS AND TREATMENT**
[54] **PROCEDE DE DIAGNOSTIC ET DE TRAITEMENT**
[72] PARKER, BELINDA SHEREE, AU
[72] HERTZOG, PAUL JOHN, AU
[71] LATROBE UNIVERSITY, AU
[85] 2015-01-19
[86] 2013-07-19 (PCT/AU2013/000801)
[87] (WO2014/012147)
[30] AU (2012903104) 2012-07-20

[21] **2,879,428**
[13] A1

[51] **Int.Cl. B41M 3/14 (2006.01) B42D 15/00 (2006.01) G02B 5/18 (2006.01) G07D 7/00 (2006.01)**
[25] EN
[54] **SECURITY ELEMENT FOR SECURITY PAPERS, VALUE DOCUMENTS OR THE LIKE**
[54] **ELEMENT DE SECURITE POUR PAPIERS DE SECURITE, DOCUMENTS FIDUCIAIRES OU SIMILAIRES**
[72] LOCHBIHLER, HANS, DE
[71] GIESECKE & DEVRIENT GMBH, DE
[85] 2015-01-19
[86] 2013-07-18 (PCT/EP2013/002132)
[87] (WO2014/012667)
[30] DE (10 2012 014 414.8) 2012-07-20

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[21] **2,879,429**
[13] A1

[51] **Int.Cl. G06N 5/02 (2006.01)**
[25] EN
[54] **AUGMENTED KNOWLEDGE
BASE AND REASONING WITH
UNCERTAINTIES AND/OR
INCOMPLETENESS**

[54] **BASE DE CONNAISSANCES
AUGMENTEE ET
RAISONNEMENT AVEC
INCERTITUDES ET/OU
INCOMPLETUDE**

[72] SANTOS, EUGENE, US
[72] SANTOS, EUNICE, US
[72] SANTOS, EVELYN, US
[72] SANTOS, EUGENE, JR., US
[71] SANTOS, EUGENE, US
[71] SANTOS, EUNICE, US
[71] SANTOS, EVELYN, US
[71] SANTOS, EUGENE, JR., US
[85] 2015-01-16
[86] 2013-05-09 (PCT/US2013/040317)
[87] (WO2013/170008)
[30] US (61/645,241) 2012-05-10
[30] US (13/836,637) 2013-03-15

[21] **2,879,430**
[13] A1

[51] **Int.Cl. C23F 13/20 (2006.01)**
[25] EN
[54] **CORROSION PROTECTION
USING A SACRIFICIAL ANODE**

[54] **PROTECTION CONTRE LA
CORROSION A L'AIDE D'UNE
ANODE SACRIFICIELLE**

[72] SERGI, GEORGE, GB
[72] SENEVIRATNE, ATTANAYAKE
MUDIYANSELAGE GAMINI, GB
[72] WHITMORE, DAVID, CA
[71] VECTOR CORROSION
TECHNOLOGIES LTD., CA
[85] 2015-01-19
[86] 2013-07-18 (PCT/CA2013/050561)
[87] (WO2014/012185)
[30] US (13/553,514) 2012-07-19
[30] US (13/553,498) 2012-07-19
[30] US (13/553,489) 2012-07-19

[21] **2,879,431**
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K
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(2006.01) A61K 31/4439 (2006.01)
A61K 31/5377 (2006.01) A61K 31/541
(2006.01) A61P 11/06 (2006.01) A61P
11/12 (2006.01) C07D 405/14
(2006.01) C07D 409/14 (2006.01)
C07D 417/12 (2006.01) C07D 471/04
(2006.01) C07D 491/048 (2006.01)
C12N 15/00 (2006.01) G01N 33/66
(2006.01)**

[25] EN
[54] **ANTI-MUCUS DRUGS AND USES
THEREFOR**

[54] **MEDICAMENTS ANTI-MUCUS ET
LEURS UTILISATIONS**

[72] HOLTZMAN, MICHAEL J., US
[72] ROMERO, ARTHUR D., US
[72] ALEVY, YAEL G., US
[72] PATEL, ANAND C., US
[72] BRETT, TOM J., US
[72] PATEL, DHARA, US
[71] WASHINGTON UNIVERSITY, US
[85] 2015-01-16
[86] 2013-07-17 (PCT/US2013/050921)
[87] (WO2014/015056)
[30] US (61/672,378) 2012-07-17

[21] **2,879,432**
[13] A1

[51] **Int.Cl. F03D 5/00 (2006.01)**
[25] EN
[54] **GLIDER FOR AIRBORNE WIND
ENERGY PRODUCTION**

[54] **PLANEUR DESTINE A LA
PRODUCTION AERIENNE
D'ENERGIE EOLIENNE**

[72] RUITERKAMP, RICHARD, NL
[71] AMPYX POWER B.V., NL
[85] 2015-01-19
[86] 2013-08-14 (PCT/EP2013/002446)
[87] (WO2014/029477)
[30] EP (12181506.2) 2012-08-23

[21] **2,879,433**
[13] A1

[51] **Int.Cl. B02C 2/00 (2006.01) B02C
13/286 (2006.01) B02C 23/02 (2006.01)**
[25] EN
[54] **CRUSHER FEED HOPPER HATCH
OUVERTURE DE TREMIE POUR
L'ALIMENTATION D'UN
BROYEUR**

[72] BERGMAN, AXEL, SE
[72] ERIKSSON, BENGT-ARNE, SE
[72] ERIKSSON, FREDRIK, SE
[72] LARSSON, MIKAEL M, SE
[72] MALMQVIST, PATRIC, SE
[71] SANDVIK INTELLECTUAL
PROPERTY AB, SE
[85] 2015-01-19
[86] 2013-06-20 (PCT/EP2013/062864)
[87] (WO2014/019766)
[30] EP (12179087.7) 2012-08-02

[21] **2,879,434**
[13] A1

[51] **Int.Cl. A61K 31/4188 (2006.01) A61P
25/00 (2006.01)**
[25] EN
[54] **USE OF BIOTIN FOR THE
TREATMENT OF MULTIPLE
SCLEROSIS**

[54] **UTILISATION DE BIOTINE POUR
LE TRAITEMENT DE LA
SCLEROSE EN PLAQUES**

[72] SEDEL, FREDERIC, FR
[71] ASSISTANCE PUBLIQUE -
HOPITAUX DE PARIS, FR
[85] 2015-01-19
[86] 2013-04-29 (PCT/EP2013/058936)
[87] (WO2014/016003)
[30] FR (FR 12/57254) 2012-07-26
[30] US (13/644,615) 2012-10-04

[21] **2,879,435**
[13] A1

[51] **Int.Cl. A21D 13/04 (2006.01) A21D
13/02 (2006.01)**
[25] EN
[54] **WHOLE GRAIN NON-FLOUR
BAKING PROCESS**

[54] **PROCEDE DE CUISSON AU FOUR
SANS FARINE DE GRAIN ENTIER**

[72] WALDNER, MARY, US
[71] MARY'S GONE CRACKERS, INC.,
US
[85] 2015-01-16
[86] 2013-07-17 (PCT/US2013/050922)
[87] (WO2014/015057)
[30] US (61/672,731) 2012-07-17
[30] US (13/926,914) 2013-06-25

PCT Applications Entering the National Phase

[21] **2,879,436**
[13] A1

[51] **Int.Cl. E21B 43/116 (2006.01)**
[25] EN
[54] **COAXIAL PERFORATING CHARGE AND ITS PERFORATION METHOD FOR SELF-ELIMINATING COMPACTED ZONE**
[54] **CHARGE COAXIALE PERFORATRICE DE SUIVI ET PROCEDE DE PERFORATION POUR ZONE ECRASEE A AUTO-ELIMINATION L'UTILISANT**
[72] DAI, PENG, CN
[71] XI'AN RUITONG ENERGY TECHNOLOGY CO., LTD., CN
[85] 2015-01-16
[86] 2013-04-27 (PCT/CN2013/074869)
[87] (WO2014/172910)

[21] **2,879,437**
[13] A1

[51] **Int.Cl. F27B 14/10 (2006.01) F27D 1/00 (2006.01) H05B 6/24 (2006.01)**
[25] EN
[54] **CRUCIBLE AND FACECOAT COMPOSITIONS AND METHODS FOR MELTING TITANIUM AND TITANIUM ALUMINIDE ALLOYS**
[54] **COMPOSITIONS DE REVETEMENT DE SURFACE ET DE CREUSET ET PROCEDES PERMETTANT DE FONDRE DU TITANE ET DES ALLIAGES D'ALUMINURE DE TITANE**
[72] BEWLAY, BERNARD PATRICK, US
[72] BANCHERI, STEPHEN, US
[72] MCKIEVER, JOAN, US
[72] ELLIS, BRIAN, US
[72] GIDDINGS, ROBERT A., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050850)
[87] (WO2014/018330)
[30] US (13/559,656) 2012-07-27

[21] **2,879,438**
[13] A1

[51] **Int.Cl. C08F 230/02 (2006.01) C08F 220/10 (2006.01) C09D 133/04 (2006.01) C09D 143/02 (2006.01)**
[25] EN
[54] **ADSORBING VINYL ESTER BINDERS**
[54] **ADSORPTION DE LIANTS ESTER DE VINYLE**
[72] CAI, QIAOQIAO, CN
[72] CHEN, JUNYU, CN
[72] DONG, XIANGTING, CN
[72] ZHANG, TINGKE, CN
[72] BOHLING, JAMES, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HASS COMPANY, US
[85] 2015-01-19
[86] 2012-08-02 (PCT/CN2012/079540)
[87] (WO2014/019184)

[21] **2,879,439**
[13] A1

[51] **Int.Cl. B02C 2/06 (2006.01)**
[25] EN
[54] **GYRATORY CRUSHER MAIN SHAFT SLEEVE**
[54] **MANCHON D'ARBRE PRINCIPAL DE BROUYEUR GIRATOIRE**
[72] ABERG, NIKLAS, SE
[72] ERIKSSON, BENGT-ARNE, SE
[72] ROSDAHL, FREDRIK, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2015-01-19
[86] 2013-06-20 (PCT/EP2013/062861)
[87] (WO2014/019765)
[30] EP (12179089.3) 2012-08-02

[21] **2,879,440**
[13] A1

[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/136 (2014.01) H04N 19/186 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **VIDEO ENCODING METHOD AND VIDEO ENCODING APPARATUS AND VIDEO DECODING METHOD AND VIDEO DECODING APPARATUS FOR SIGNALING SAO PARAMETERS**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO, PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO POUR LA SIGNALISATION D'UN PARAMETRE SAO**
[72] ALSHINA, ELENA, KR
[72] ALSHIN, ALEXANDER, KR
[72] PARK, JEONG-HOON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-01-16
[86] 2013-07-16 (PCT/KR2013/006343)
[87] (WO2014/014251)
[30] US (61/672,166) 2012-07-16

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[13] A1

[51] **Int.Cl. B02C 2/00 (2006.01) B02C 23/02 (2006.01)**
[25] EN
[54] **FEED HOPPER**
[54] **TREMIE D'ALIMENTATION**
[72] BERGMAN, AXEL, SE
[72] ERIKSSON, BENGT-ARNE, SE
[72] ERIKSSON, FREDRIK, SE
[72] LARSSON, MIKAEL M., SE
[72] MALMQVIST, PATRIC, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2015-01-19
[86] 2013-06-20 (PCT/EP2013/062882)
[87] (WO2014/026786)
[30] EP (12180291.2) 2012-08-13

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[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01)**
[25] EN
[54] **PROCESS FOR COMPREHENSIVELY UTILIZING LOW CARBON EMISSION FISCHER-TROPSCH SYNTHESIS TAIL GAS**
[54] **PROCEDE POUR UTILISER COMPLETEMENT UN GAZ DE QUEUE DE SYNTHESE DE FISCHER-TROPSCH A FAIBLE EMISSION DE CARBONE**
[72] CHEN, YILONG, CN
[72] KUAI, PINGYU, CN
[72] GONG, YAN, CN
[72] ZHAN, XIAODONG, CN
[72] ZHANG, YANFENG, CN
[72] JIN, JIAQI, CN
[71] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
[85] 2015-01-16
[86] 2013-07-11 (PCT/CN2013/079219)
[87] (WO2014/012458)
[30] CN (201210246633.1) 2012-07-17

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[13] A1

[51] **Int.Cl. C07K 14/11 (2006.01) A61K 39/145 (2006.01) C07K 16/10 (2006.01)**
[25] EN
[54] **BOVINE INFLUENZA VIRUS COMPOSITIONS**
[54] **COMPOSITIONS DE VIRUS DE LA GRIPPE BOVINE**
[72] WELCH, SIAO-KUN W., US
[71] ZOETIS LLC, US
[85] 2015-01-16
[86] 2013-07-18 (PCT/US2013/050982)
[87] (WO2014/015091)
[30] US (61/673,298) 2012-07-19
[30] US (61/729,736) 2012-11-26

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[13] A1

[51] **Int.Cl. G07D 11/00 (2006.01) G07D 7/04 (2006.01)**
[25] EN
[54] **SHARED CASH HANDLER**
[54] **DISPOSITIF DE TRAITEMENT D'ESPECES PARTAGE**
[72] SMITH, GAVIN R., GB
[71] CUBIC CORPORATION, US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050828)
[87] (WO2014/015001)
[30] US (61/672,701) 2012-07-17
[30] US (13/942,945) 2013-07-16

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[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **ONLINE USER ACCOUNT LOGIN METHOD AND SERVER SYSTEM IMPLEMENTING THE METHOD**
[54] **PROCEDE DE CONNEXION A UN COMPTE D'UTILISATEUR EN LIGNE ET SYSTEME DE SERVEUR METTANT EN ŒUVRE LE PROCEDE**
[72] ZHANG, XIAOLONG, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-19
[86] 2013-05-21 (PCT/CN2013/075962)
[87] (WO2014/015707)
[30] CN (201210264146.8) 2012-07-27

[21] **2,879,446**
[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) H01R 4/58 (2006.01) H05B 3/06 (2006.01) H05B 3/86 (2006.01) H01L 31/048 (2014.01) H01Q 1/12 (2006.01)**
[25] EN
[54] **COMPOSITE PANE WITH ELECTRICAL CONTACTING MEANS**
[54] **VITRE COMPOSITE AVEC CONNEXION ELECTRIQUE**
[72] REUL, BERNHARD, DE
[72] SCHALL, GUNTHER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-01-19
[86] 2013-06-28 (PCT/EP2013/063630)
[87] (WO2014/019780)
[30] EP (12178806.1) 2012-08-01

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[13] A1

[51] **Int.Cl. B32B 29/02 (2006.01) D21H 11/16 (2006.01) D21H 27/30 (2006.01) F28F 3/00 (2006.01)**
[25] EN
[54] **MULTILAYERED STRUCTURE COMPRISING FINE FIBER CELLULOSE LAYER**
[54] **STRUCTURE MULTICOUCHE COMPRENANT UNE COUCHE DE CELLULOSE A FIBRES MINCES**
[72] ONO, HIROFUMI, JP
[72] TAKASU, SHUJI, JP
[72] HORII, ATSUSHI, JP
[72] YOSHIDA, SATORU, JP
[71] ASahi KASEI FIBERS CORPORATION, JP
[85] 2015-01-12
[86] 2013-07-19 (PCT/JP2013/069685)
[87] (WO2014/014099)
[30] JP (2012-160877) 2012-07-19

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[13] A1

[51] **Int.Cl. C07D 235/18 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) A61K 31/4402 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/4725 (2006.01) A61K 31/4985 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 7/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 213/40 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/10 (2006.01) C07D 403/12 (2006.01) C07D 409/04 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **N-(3-HETEROARYLARYL)-4-ARYLARYLCARBOXAMIDES AND ANALOGS AS HEDGEHOG PATHWAY INHIBITORS AND USE THEREOF**

[54] **N-(3-HETEROARYLARYL)-4-ARYLARYLCARBOXAMIDES ET ANALOGUES COMME INHIBITEURS DE LA VOIE HEDGEHOG ET LEUR UTILISATION**

[72] CAI, SUIXIONG, CN
[72] TIAN, YE EDWARD, CN
[72] KANG, SISHUN, CN
[72] MENG, ZHENG, CN
[72] GU, CHENGYUN, CN
[72] YIN, FENG, CN
[72] CHEN, SHENGZHI, CN
[72] ZHANG, YANG, CN
[72] ZHANG, XIUYAN, CN
[72] FEI, HONGQIANG, CN
[72] WANG, DONGMEI, CN
[71] IMPACT THERAPEUTICS, INC., CN
[85] 2015-01-19
[86] 2013-07-19 (PCT/CN2013/079651)
[87] (WO2014/012511)
[30] CN (201210250565.6) 2012-07-19
[30] CN (201210475189.0) 2012-11-21

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[13] A1

[51] **Int.Cl. B01D 24/46 (2006.01) B01D 29/62 (2006.01)**

[25] EN

[54] **INTEGRAL MEDIA RECONDITIONING AND RECOVERY SYSTEM**

[54] **SYSTEME INTEGRAL DE RECONDITIONNEMENT ET DE RECUPERATION DE MILIEUX**

[72] STRAIN, CORNELIUS J., US
[72] SKIDMORE, ERIC, US
[72] LOPP, MARK S., US
[71] BLUE WATER TECHNOLOGIES, INC., US
[85] 2015-01-16
[86] 2013-07-18 (PCT/US2013/051040)
[87] (WO2014/015115)
[30] US (61/673,181) 2012-07-18

[21] **2,879,450**
[13] A1

[51] **Int.Cl. H04M 1/725 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR INSTALLING APPLICATION**

[54] **PROCEDE ET SYSTEME POUR L'INSTALLATION D'UNE APPLICATION**

[72] LI, XIANGRU, CN
[72] LUO, XUAN, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-19
[86] 2013-07-09 (PCT/CN2013/079089)
[87] (WO2014/012445)
[30] CN (201210250877.7) 2012-07-19

[21] **2,879,451**
[13] A1

[51] **Int.Cl. F17C 13/08 (2006.01)**

[25] EN

[54] **WHEELS FOR PRESSURE VESSEL**

[54] **ROUES POUR RECIPIENT SOUS PRESSION**

[72] HILTON, DERRICK ERNEST, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2015-01-19
[86] 2013-07-17 (PCT/EP2013/065068)
[87] (WO2014/016176)
[30] GB (1213203.1) 2012-07-25

[21] **2,879,452**
[13] A1

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

[25] EN

[54] **MICRORNA PROFILES IN THE DIAGNOSIS OF MULTIPLE SCLEROSIS**

[54] **PROFILS DE MICROARN DANS LE DIAGNOSTIC DE LA SCLEROSE EN PLAQUES**

[72] THUM, THOMAS, DE
[72] HAGHIKIA, AIDEN, DE
[72] HAGHIKIA, ARASH, DE
[72] GOLD, RALF, DE
[71] ST. JOSEF- UND ST. ELISABETH-HOSPITAL GMBH, DE
[71] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[85] 2015-01-16
[86] 2013-07-05 (PCT/EP2013/001992)
[87] (WO2014/012632)
[30] EP (12005291.5) 2012-07-19

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	<p>[21] 2,879,455 [13] A1</p>	
	<p>[51] Int.Cl. A63B 21/04 (2006.01) A63B 17/00 (2006.01) A63B 21/055 (2006.01) A63B 21/16 (2006.01) A63B 23/04 (2006.01)</p> <p>[25] EN</p> <p>[54] FUNCTIONAL TRAINING RIG KIT</p> <p>[54] KIT D'APPAREIL D'ENTRAINEMENT FONCTIONNEL</p> <p>[72] BEAVER, TOM, GB [72] BEAVER, JIM, GB [71] BEAVERFIT LIMITED, GB</p> <p>[85] 2015-01-19 [86] 2013-07-18 (PCT/EP2013/065173) [87] (WO2014/013011) [30] GB (1212830.2) 2012-07-19</p>	

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[21] **2,879,457**
[13] A1

[51] **Int.Cl. E21B 33/068 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **HIGH PRESSURE ISOLATION SYSTEM FOR WELL STIMULATION THROUGH PRODUCTION TUBING**
[54] **SYSTEME D'ISOLATION A HAUTE PRESSION POUR UNE STIMULATION DE PUITTS PAR L'INTERMEDIAIRE D'UN TUBE DE PRODUCTION**
[72] KAJARIA, SAURABH, US
[72] NGUYEN, KHANG V., US
[72] ADAMS, TODD B., SA
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050883)
[87] (WO2014/015036)
[30] US (61/672,575) 2012-07-17

[21] **2,879,458**
[13] A1

[51] **Int.Cl. B66B 21/04 (2006.01)**
[25] EN
[54] **LONG-DISTANCE TRANSPORT SYSTEM FOR PEOPLE IN INCLINED LANE**
[54] **SYSTEME DE TRANSPORT LONGUE DISTANCE POUR DES PERSONNES SUR UNE VOIE INCLINEE**
[72] ZHU, ZHENCAI, CN
[72] CAO, GUOHUA, CN
[72] LAI, HONG, CN
[72] QIN, JIANCONG, CN
[72] KANG, HONGQIAO, CN
[72] LI, WEI, CN
[72] ZHOU, GONGBO, CN
[72] PENG, YUXING, CN
[72] MA, YIPING, CN
[72] YANG, JIANRONG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2015-01-19
[86] 2014-01-27 (PCT/CN2014/071548)
[87] (WO2014/146519)
[30] CN (201310090679.3) 2013-03-21

[21] **2,879,460**
[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/4188 (2006.01) A61K 31/429 (2006.01) A61K 31/4427 (2006.01) A61K 31/5377 (2006.01) A61P 31/04 (2006.01) A61P 31/06 (2006.01) C07D 407/12 (2006.01) C07D 413/12 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **5,5-HETEROAROMATIC ANTI-INFECTIVE COMPOUNDS**
[54] **COMPOSES ANTI-INFECTIEUX 5,5-HETEROAROMATIQUES**
[72] MORASKI, GARRETT, US
[72] MILLER, MARVIN J., US
[71] MORASKI, GARRETT, US
[71] UNIVERSITY OF NOTRE DAME DU LAC, US
[71] MILLER, MARVIN J., US
[85] 2015-01-16
[86] 2013-07-18 (PCT/US2013/051125)
[87] (WO2014/015167)
[30] US (61/672,968) 2012-07-18

[21] **2,879,461**
[13] A1

[51] **Int.Cl. H04B 10/548 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STABILIZATION OF OPTICAL TRANSMITTER**
[54] **PROCEDE ET APPAREIL POUR LA STABILISATION D'UN EMETTEUR OPTIQUE**
[72] BHANDARE, SUHAS P., US
[72] EREIFEJ, HEIDER N., US
[72] KIM, KYU, US
[72] COLYAR, MARK, US
[71] FINISAR CORPORATION, US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050895)
[87] (WO2014/015043)
[30] US (13/553,936) 2012-07-20

[21] **2,879,463**
[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01) G21K 1/04 (2006.01)**
[25] EN
[54] **LEAF MODULE FOR A MULTI-LEAF COLLIMATOR AND MULTI-LEAF COLLIMATOR**
[54] **MODULE DE LAME POUR COLLIMATEUR MULTILAME ET COLLIMATEUR MULTILAME**
[72] ECHNER, GERNOT, DE
[72] RUNZ, ARMIN, DE
[72] BAUMANN, MARTIN, DE
[72] UELTZHOFFER, STEFAN, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] PRECISIS AG, DE
[85] 2015-01-19
[86] 2013-07-18 (PCT/EP2013/065176)
[87] (WO2014/013013)
[30] EP (12177138.0) 2012-07-19

[21] **2,879,464**
[13] A1

[51] **Int.Cl. G09B 19/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR UTILIZING CONTROL POINTS TO MANAGE A USER TO A DESIRED STATE**
[54] **PROCEDE ET APPAREIL POUR UTILISER DES POINTS DE COMMANDE POUR GERER UN UTILISATEUR DANS UN ETAT SOUHAITE**
[72] THOMPSON, DAVID, US
[72] ALBERT, ROY DAVID, US
[71] URXMOBILE SYSTEM, INC., US
[85] 2015-01-16
[86] 2013-07-18 (PCT/US2013/051132)
[87] (WO2014/015171)
[30] US (61/673,189) 2012-07-18

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[13] A1

[51] **Int.Cl. H01F 38/18 (2006.01) H01F 38/14 (2006.01)**
[25] EN
[54] **CONTACTLESS POWER AND DATA TRANSFER**
[54] **TRANSFERT DE PUISSANCE ET DE DONNEES SANS CONTACT**
[72] ZWEMMER, ROBERT, NL
[72] FAASSE, PIETER RUDOLF, NL
[72] BARDET, STEVEN MICHIEL, NL
[71] STICHTING NATIONAAL LUCHTEN RUIMTEVAART LABORATORIUM, NL
[85] 2015-01-16
[86] 2013-07-16 (PCT/EP2013/065031)
[87] (WO2014/012943)
[30] EP (12176697.6) 2012-07-17

[21] **2,879,467**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD FOR INCREASING IMPLANTATION SUCCESS IN ASSISTED FERTILIZATION**
[54] **PROCEDE POUR AUGMENTER LA REUSSITE DE L'IMPLANTATION EN FECONDATION ASSISTEE**
[72] LEDEE, NATHALIE, FR
[72] PETITBARAT, MARIE, FR
[71] MATRICELAB INNOVE, FR
[85] 2015-01-19
[86] 2013-07-19 (PCT/EP2013/065355)
[87] (WO2014/013079)
[30] EP (12177377.4) 2012-07-20

[21] **2,879,468**
[13] A1

[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/34 (2006.01) A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **IMPROVED SUNSCREEN COMPOSITION**
[54] **COMPOSITION D'ECRAN SOLAIRE AMELIOREE**
[72] BRITZE, LENE, DK
[71] RIEMANN TRADING APS, DK
[85] 2015-01-19
[86] 2013-07-25 (PCT/DK2013/050250)
[87] (WO2014/015879)
[30] DK (PA 2012 00478) 2012-07-26

[21] **2,879,470**
[13] A1

[51] **Int.Cl. E21B 33/068 (2006.01)**
[25] EN
[54] **ADJUSTABLE ISOLATION SLEEVE ASSEMBLY FOR WELL STIMULATION THROUGH PRODUCTION TUBING**
[54] **ENSEMBLE MANCHON ISOLANT REGLABLE POUR STIMULATION DE Puits A TRAVERS LE TUBAGE DE PRODUCTION**
[72] BORAK, EUGENE ALLEN, US
[72] KAJARIA, SAURABH, US
[72] NGUYEN, KHANG V., US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050910)
[87] (WO2014/015050)
[30] US (61/672,565) 2012-07-17

[21] **2,879,472**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 47/36 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **MEDICAMENT FOR WOUND TREATMENT**
[54] **MEDICAMENT POUR LE TRAITEMENT DE PLAIES**
[72] BERGER, RUDOLF, AT
[71] SIMU TRADE CONSULTING GMBH & CO. LEASING KG, AT
[85] 2015-01-16
[86] 2013-07-18 (PCT/EP2013/065215)
[87] (WO2014/013027)
[30] EP (12177127.3) 2012-07-19

[21] **2,879,475**
[13] A1

[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/81 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **IMPROVED HIGH PROTECTION SUNSCREEN COMPOSITION**
[54] **COMPOSITION D'ECRAN SOLAIRE HAUTE PROTECTION AMELIOREE**
[72] BRITZE, LENE, DK
[71] RIEMANN TRADING APS, DK
[85] 2015-01-19
[86] 2013-07-25 (PCT/DK2013/050251)
[87] (WO2014/015880)
[30] DK (PA 2012 00477) 2012-07-26

[21] **2,879,476**
[13] A1

[51] **Int.Cl. B29C 70/48 (2006.01) C08F 265/06 (2006.01) C08J 5/04 (2006.01) C08J 11/12 (2006.01)**
[25] EN
[54] **IMPREGNATION PROCESS FOR A FIBROUS SUBSTRATE, A LIQUID (METH) ACRYLIC SYRUP FOR THE IMPREGNATION PROCESS, ITS METHOD OF POLYMERIZATION AND STRUCTURED ARTICLE OBTAINED THEREOF**
[54] **TRAITEMENT D'IMPREGNATION POUR SUBSTRAT FIBREUX, SIROP (METH)ACRYLIQUE LIQUIDE POUR CE TRAITEMENT D'IMPREGNATION, PROCEDE DE POLYMERISATION, ET ARTICLE STRUCTURE AINSI OBTENU**
[72] GERARD, PIERRE, FR
[72] CAUCHOIS (POLE PLASTURGIE DE L'EST), JEAN-PIERRE, FR
[72] HOCHSTETTER, GILLES, FR
[72] GLOTIN, MICHEL, FR
[72] PERRIN, CAMILLE, FR
[72] FRANCOIS, GILLES, FR
[71] ARKEMA FRANCE, FR
[85] 2015-01-16
[86] 2013-07-18 (PCT/EP2013/065218)
[87] (WO2014/013028)
[30] FR (1256929) 2012-07-18

[21] **2,879,477**
[13] A1

[51] **Int.Cl. A01N 47/34 (2006.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **NEW TREATMENT OF FISH WITH A NANOSUSPENSION OF LUFENURON OR HEXAFLUMURON**
[54] **NOUVEAU TRAITEMENT POUR POISSONS PAR NANOSUSPENSION DE LUFENURON OU D'HEXAFLUMURON**
[72] KABLITZ, CAROLINE, CH
[71] NOVARTIS AG, CH
[85] 2015-01-16
[86] 2013-07-22 (PCT/EP2013/065422)
[87] (WO2014/016252)
[30] EP (12178186.8) 2012-07-27

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[21] **2,879,478**
[13] A1

[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/40 (2006.01) A61P 29/00 (2006.01) C07D 231/14 (2006.01) C07D 249/10 (2006.01) C07D 401/04 (2006.01) C07D 405/04 (2006.01)**

[25] EN

[54] **CARBOXAMIDE OR SULFONAMIDE SUBSTITUTED NITROGEN-CONTAINING 5-MEMBERED HETEROCYCLES AS MODULATORS FOR THE ORPHAN NUCLEAR RECEPTOR ROR GAMMA**

[54] **HETEROCYCLES A 5 CHAINONS CONTENANT DE L'AZOTE SUBSTITUES PAR CARBOXAMIDE OU SULFONAMIDE EN TANT QUE MODULATEURS POUR LE RECEPTEUR NUCLEAIRE ORPHELIN ROR GAMMA**

[72] GEGE, CHRISTIAN, DE
[72] KINZEL, OLAF, DE
[72] STEENECK, CHRISTOPH, DE
[72] KLEYMANN, GERALD, DE
[72] HOFFMANN, THOMAS, DE
[71] PHENEX PHARMACEUTICALS AG, DE

[85] 2015-01-19
[86] 2013-05-29 (PCT/EP2013/001594)
[87] (WO2014/023367)
[30] US (61/681,296) 2012-08-09
[30] EP (12005789.8) 2012-08-09

[21] **2,879,479**
[13] A1

[51] **Int.Cl. F25D 3/10 (2006.01) F25B 1/00 (2006.01)**

[25] EN

[54] **COOLING OF A DEWAR VESSEL WITH ICE FREE COOLANT AND FOR SHORT SAMPLE ACCESS**

[54] **REFROIDISSEMENT D'UN VASE DE DEWAR CONTENANT UN FRIGORIGENE SANS GLACE ET POUR UN ACCES D'ECHANTILLON COURT**

[72] CIPRIANI, FLORENT, FR
[72] FELISAZ, FRANCK, FR
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE

[85] 2015-01-16
[86] 2013-07-26 (PCT/EP2013/065788)
[87] (WO2014/016404)
[30] EP (12178272.6) 2012-07-27

[21] **2,879,481**
[13] A1

[51] **Int.Cl. C22B 3/20 (2006.01) B01D 21/01 (2006.01) C22B 15/00 (2006.01)**

[25] EN

[54] **METAL LEACH AND RECOVERY PROCESS**

[54] **PROCEDE DE LIXIVIATION ET DE RECUPERATION DE METAUX**

[72] NISBETT, ANDREW, US
[72] ADKINS, STEPHEN, GB
[72] FLANAGAN, IAN JOHN, GB
[72] BERGER, ALEXSANDRO, DE
[71] BASF SE, DE

[85] 2015-01-16
[86] 2013-08-07 (PCT/EP2013/066528)
[87] (WO2014/023755)
[30] US (61/681,641) 2012-08-10
[30] EP (12180009.8) 2012-08-10

[21] **2,879,483**
[13] A1

[51] **Int.Cl. F22B 35/00 (2006.01)**

[25] EN

[54] **BOILER SYSTEM**

[54] **SYSTEME DE CHAUDIERES**

[72] YAMADA, KAZUYA, JP
[72] NAMOTO, TETSUJI, JP
[72] SAIMI, HIDETOMO, JP
[71] MIURA CO., LTD., JP

[85] 2015-01-19
[86] 2013-02-28 (PCT/JP2013/055337)
[87] (WO2014/128977)
[30] JP (2013-033262) 2013-02-22

[21] **2,879,484**
[13] A1

[51] **Int.Cl. C08B 31/00 (2006.01) C08H 99/00 (2010.01) C04B 24/14 (2006.01) C04B 24/38 (2006.01) C04B 40/00 (2006.01) C08B 31/10 (2006.01) C08B 31/12 (2006.01) C08H 1/00 (2006.01) C08L 3/04 (2006.01) C08L 89/00 (2006.01)**

[25] EN

[54] **HYDROGEL MADE OF A CHEMICALLY MODIFIED POLYSACCHARIDE-PROTEIN BLEND, METHOD FOR THE PRODUCTION OF A PPB HYDROGEL AND USES THEREOF**

[54] **HYDROGEL OBTENU A PARTIR D'UN MELANGE DE POLYSACCHARIDES ET DE PROTEINES MODIFIES CHIMIQUEMENT, PROCEDE DE FABRICATION D'UN HYDROGEL MPP ET SES UTILISATIONS**

[72] VORWEG, WALTRAUT, DE
[72] RADOSTA, SYLVIA, DE
[72] LEHRACK, UWE, DE
[72] KNAPEN, ROBIN, DE
[72] EINFELDT, LARS, DE
[72] SCHUHBECK, MANFRED, DE
[71] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FOERSCHUNG E.V., DE

[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE

[85] 2015-01-19
[86] 2013-07-22 (PCT/EP2013/065441)
[87] (WO2014/013088)
[30] EP (12177353.5) 2012-07-20

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[21] **2,879,485**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INHIBITOR COMPOUNDS OF PHOSPHODIESTERASE TYPE 10A**
[54] **COMPOSES INHIBITEURS DE LA PHOSPHODIESTERASE DE TYPE A10**
[72] GENESTE, HERVE, DE
[72] OCHSE, MICHAEL, DE
[72] DRESCHER, KARLA, DE
[72] JAKOB, CLARISSA, US
[71] ABBVIE DEUTSCHLAND GMBH & CO KG, DE
[71] ABBVIE INC., US
[85] 2015-01-16
[86] 2013-08-16 (PCT/EP2013/067122)
[87] (WO2014/027078)
[30] US (61/684,290) 2012-08-17

[21] **2,879,487**
[13] A1

[51] **Int.Cl. C08L 63/00 (2006.01) C09D 5/18 (2006.01)**
[25] EN
[54] **HIGH HEAT RESISTANT COMPOSITION**
[54] **COMPOSITION RESISTANT A UNE CHALEUR ELEVEE**
[72] DEOGON, MALKIT SINGH, GB
[72] DEOGON, MANMOHAN SINGH, GB
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2015-01-19
[86] 2013-07-26 (PCT/EP2013/065775)
[87] (WO2014/019947)
[30] EP (12178402.9) 2012-07-30

[21] **2,879,488**
[13] A1

[51] **Int.Cl. A44C 21/00 (2006.01)**
[25] EN
[54] **COIN AND METHOD FOR TESTING THE COIN**
[54] **PIECE DE MONNAIE ET PROCEDE PERMETTANT DE VERIFIER CETTE PIECE DE MONNAIE**
[72] MEYER-STEFFENS, KLAUS, DE
[72] COHRS, HANS-ULRICH, DE
[72] MEYER, WILFRIED, DE
[71] CRANE PAYMENT SOLUTIONS GMBH, DE
[85] 2015-01-19
[86] 2013-07-26 (PCT/EP2013/065831)
[87] (WO2014/019961)
[30] DE (10 2012 014 958.1) 2012-07-30

[21] **2,879,489**
[13] A1

[51] **Int.Cl. C07D 213/81 (2006.01) A61K 31/44 (2006.01) A61P 1/00 (2006.01) A61P 25/16 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **ETHYNYL DERIVATIVES AS MODULATORS OF MGLUR5 RECEPTOR ACTIVITY**
[54] **DERIVES D'ETHYNYL UTILISES EN TANT QUE MODULATEURS DE L'ACTIVITE DES RECEPTEURS MGLUR5**
[72] JAESCHKE, GEORG, CH
[72] LINDEMANN, LOTHAR, CH
[72] RICCI, ANTONIO, CH
[72] RUEHER, DANIEL, FR
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-16
[86] 2013-10-15 (PCT/EP2013/071476)
[87] (WO2014/060384)
[30] EP (12188943.0) 2012-10-18

[21] **2,879,490**
[13] A1

[51] **Int.Cl. C09K 5/16 (2006.01)**
[25] EN
[54] **MEMBRANES, AZEOTROPIC & CATALYTIC COMPONENTS**
[54] **MEMBRANES ET COMPOSANTS AZEOTROPIQUES ET CATALYTIQUES**
[72] DUCHEYNE, WOUTER, BE
[72] STEVENS, CHRISTIAN, BE
[71] TECHNOLOGY FOR RENEWABLE ENERGY SYSTEMS (TFRES) BVBA, BE
[85] 2015-01-19
[86] 2013-07-26 (PCT/EP2013/065789)
[87] (WO2014/016405)
[30] GB (1213266.8) 2012-07-26

[21] **2,879,491**
[13] A1

[51] **Int.Cl. F28D 20/02 (2006.01)**
[25] EN
[54] **THERMAL HEAT STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE LA CHALEUR**
[72] BALDWIN, DAVID, US
[71] SUNLIGHT POWER, INC., US
[85] 2015-01-16
[86] 2013-06-13 (PCT/US2013/045634)
[87] (WO2013/188653)
[30] US (61/659,953) 2012-06-14
[30] US (13/781,690) 2013-02-28

[21] **2,879,492**
[13] A1

[51] **Int.Cl. C09D 11/00 (2014.01) C09D 11/02 (2014.01)**
[25] EN
[54] **INKJET INKS COMPRISING INORGANIC PIGMENTS**
[54] **ENCRE POUR JET D'ENCRE COMPRENANT DES PIGMENTS INORGANIQUES**
[72] HOOGMARTENS, IVAN, BE
[72] TORFS, RITA, BE
[71] AGFA GRAPHICS NV, BE
[85] 2015-01-19
[86] 2013-08-14 (PCT/EP2013/066983)
[87] (WO2014/032974)
[30] EP (12182750.5) 2012-09-03
[30] US (61/697,837) 2012-09-07

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[21] **2,879,493**
[13] A1

[51] **Int.Cl. C08J 3/00 (2006.01) C08F 6/00 (2006.01) F26B 3/08 (2006.01) F26B 7/00 (2006.01)**

[25] EN

[54] **PROCESS FOR DRYING POLYMERIC MATERIALS**

[54] **PROCEDE DE SECHAGE DE MATIERES POLYMERIQUES**

[72] HANBAUER, MARTIN HELMUT FRIEDRICH, NL

[72] LANDSCHUTZER, HERWIG, NL

[71] DPX FINE CHEMICALS AUSTRIA GMBH & CO KG, AT

[85] 2015-01-19

[86] 2013-08-09 (PCT/EP2013/066713)

[87] (WO2014/023826)

[30] EP (12179927.4) 2012-08-09

[30] US (61/681,295) 2012-08-09

[21] **2,879,494**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C12N 15/113 (2010.01) A61K 39/395 (2006.01) A61P 31/18 (2006.01)**

[25] EN

[54] **CLUSTER OF DIFFERENTIATION 36 (CD36) AS A THERAPEUTIC TARGET FOR HIV INFECTION**

[54] **GROUPEMENT DE DIFFERENTIATIONS 36 (CD36) EN TANT QUE CIBLE THERAPEUTIQUE POUR UNE INFECTION A VIH**

[72] BENAROCH, PHILIPPE, FR

[72] BERRE, STEFANO, FR

[71] INSTITUT CURIE, FR

[85] 2015-01-19

[86] 2013-08-27 (PCT/EP2013/067728)

[87] (WO2014/033130)

[30] EP (12306027.9) 2012-08-28

[21] **2,879,495**
[13] A1

[51] **Int.Cl. E05F 15/00 (2015.01) E05F 15/53 (2015.01) E05F 15/611 (2015.01) E05F 3/22 (2006.01) E05F 17/00 (2006.01)**

[25] EN

[54] **BI-PARTING, BI-DIRECTIONAL DOOR SYSTEM**

[54] **SYSTEME DE PORTE A DOUBLE OUVERTURE BIDIRECTIONNELLE**

[72] KOWALCZYK, THOMAS, US

[72] LUKE, FRANK, US

[72] NURSE, JOHN, US

[72] PATEL, VINAY, US

[71] STANLEY BLACK & DECKER, INC., US

[85] 2015-01-16

[86] 2013-07-17 (PCT/US2013/050856)

[87] (WO2014/015017)

[30] US (61/672,813) 2012-07-18

[30] US (13/903,353) 2013-05-28

[21] **2,879,496**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **BLOOD BRAIN BARRIER SHUTTLE**

[54] **NAVETTE DE LA BARRIERE HEMATO-ENCEPHALIQUE**

[72] BOHRMANN, BERND, CH

[72] FRESKGARD, PER-OLA, CH

[72] MAIER, PETER, DE

[72] NIEWOEHNER, JENS, DE

[72] TISSOT-DAGUETTE, ALAIN, DE

[72] URICH, EDUARD, CH

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

[85] 2015-01-19

[86] 2013-08-26 (PCT/EP2013/067595)

[87] (WO2014/033074)

[30] EP (12182181.3) 2012-08-29

[21] **2,879,497**
[13] A1

[51] **Int.Cl. C07D 491/04 (2006.01) A61K 31/519 (2006.01) A61K 31/527 (2006.01) A61K 31/5383 (2006.01) A61K 31/5386 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 498/04 (2006.01)**

[25] EN

[54] **DIOXINO- AND OXAZIN-[2,3-D]PYRIMIDINE PI3K INHIBITOR COMPOUNDS AND METHODS OF USE**

[54] **COMPOSES DIOXINO- ET OXAZINE-[2,3-D]PYRIMIDINE, INHIBITEURS DE PI3K, ET LEURS PROCEDES D'UTILISATION**

[72] HEALD, ROBERT ANDREW, GB

[72] MCLEAN, NEVILLE JAMES, GB

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

[85] 2015-01-19

[86] 2013-08-29 (PCT/EP2013/067861)

[87] (WO2014/033196)

[30] US (61/694,898) 2012-08-30

[21] **2,879,498**
[13] A1

[51] **Int.Cl. B01D 53/30 (2006.01) A61L 9/00 (2006.01) A61M 16/00 (2006.01) B01D 53/00 (2006.01) C12M 1/00 (2006.01)**

[25] EN

[54] **PURIFIED AIR AND METHODS OF MAKING AND USING THE SAME**

[54] **AIR PURIFIE ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**

[72] WORRILOW, KATHRYN C., US

[71] LIFEAIRE SYSTEMS, LLC, US

[85] 2015-01-16

[86] 2013-07-18 (PCT/US2013/051057)

[87] (WO2014/015126)

[30] US (13/554,366) 2012-07-20

Demandes PCT entrant en phase nationale

[21] **2,879,499**
[13] A1

[51] **Int.Cl. C07K 1/107 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION AND SELECTION OF MOLECULES COMPRISING AT LEAST TWO DIFFERENT ENTITIES AND USES THEREOF**
[54] **PROCEDE DE PRODUCTION ET DE SELECTION DE MOLECULES COMPRENANT AU MOINS DEUX ENTITES DIFFERENTES ET SES UTILISATIONS**
[72] BECK, MARIEL, DE
[72] TIEFENTHALER, GEORG, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-19
[86] 2013-09-12 (PCT/EP2013/068910)
[87] (WO2014/041072)
[30] EP (12184473.2) 2012-09-14

[21] **2,879,500**
[13] A1

[51] **Int.Cl. C07D 263/22 (2006.01) A61K 31/421 (2006.01)**
[25] EN
[54] **SOLID FORMS OF (S)-2-METHOXY-3-{4-[2-(5-METHYL-2-PHENYL-OXAZOL-4-YL)-ETHOXY]-BENZO[B]THIOPHEN-7-YL}-PROPIONIC ACID AND OF SALTS THEREOF**
[54] **FORMES SOLIDES DE L'ACIDE (S)-2-METHOXY-3-{4-[2-(5-METHYL-2-PHENYL-OXAZOL-4-YL)-ETHOXY]-BENZO[B]THIOPHEN-7-YL}-PROPIONIQUE ET DE SES SELS**
[72] DREIER, LUKAS, CH
[72] EGLI, ANDRE, CH
[72] FAEHNRIK, KARSTEN, DE
[72] GRASSMANN, OLAF, DE
[72] MOHR, PETER, CH
[72] SCHWITTER, URS, CH
[72] STAHR, HELMUT, DE
[72] WYTENBACH, NICOLE, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-19
[86] 2013-09-09 (PCT/EP2013/068561)
[87] (WO2014/040936)
[30] EP (12184009.4) 2012-09-12

[21] **2,879,501**
[13] A1

[51] **Int.Cl. E02D 3/12 (2006.01)**
[25] EN
[54] **A GROUND STABILISATION SYSTEM, A SUPPORT AND A METHOD OF STABILISING GROUND**
[54] **SYSTEME DE STABILISATION DE SOL, SUPPORT ET PROCEDE DE STABILISATION DE SOL**
[72] COLLIS, SIMON PAUL, GB
[71] GEOINNOVATIONS LIMITED, GB
[85] 2015-01-19
[86] 2013-07-22 (PCT/GB2013/000315)
[87] (WO2014/013215)
[30] GB (1213003.5) 2012-07-20

[21] **2,879,502**
[13] A1

[51] **Int.Cl. B01D 33/15 (2006.01) B01D 33/50 (2006.01)**
[25] EN
[54] **MACHINE FOR CONTINUOUS MICROFILTRATION OF PROCESS AND WASTE WATER, FOR REUSE THEREOF IN AGRICULTURE AND INDUSTRY**
[54] **MACHINE POUR MICROFILTRATION CONTINUE D'EAUX DE TRAITEMENT ET D'EAUX USEES, EN VUE DE LEUR REUTILISATION DANS L'AGRICULTURE ET L'INDUSTRIE**
[72] MASSIGNANI, DONATO, IT
[71] NUOVE ENERGIE S.R.L., IT
[85] 2015-01-19
[86] 2013-07-30 (PCT/IB2013/056259)
[87] (WO2014/020540)
[30] IT (VI2012A000190) 2012-07-30

[21] **2,879,503**
[13] A1

[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT**
[72] KILLIAN, JAMES, US
[72] KLOTZ, DELL, US
[71] KILLIAN, JAMES, US
[71] KLOTZ, DELL, US
[85] 2015-01-15
[86] 2013-07-17 (PCT/US2013/050919)
[87] (WO2014/015055)
[30] US (13/551,150) 2012-07-17

[21] **2,879,504**
[13] A1

[51] **Int.Cl. F28F 7/02 (2006.01)**
[25] EN
[54] **HEAT TRANSFER DEVICE FOR HIGH HEAT FLUX APPLICATIONS AND RELATED METHODS THEREOF**
[54] **DISPOSITIF DE TRANSFERT DE CHALEUR DESTINE A DES APPLICATIONS A FLUX DE CHALEUR ELEVE, ET SES PROCEDES ASSOCIES**
[72] HAJ-HARIRI, HOSSEIN, US
[72] MIRALIPOUR, SEYED REZA MONAZAMI, US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[85] 2015-01-16
[86] 2013-07-18 (PCT/US2013/051159)
[87] (WO2014/015188)
[30] US (61/673,157) 2012-07-18
[30] US (61/842,595) 2013-07-03

[21] **2,879,505**
[13] A1

[51] **Int.Cl. E04C 2/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF SOLID SURFACES FOR CONSTRUCTION**
[54] **PROCEDE DE FABRICATION DE SURFACES SOLIDES A UTILISER EN CONSTRUCTION**
[72] BENITO LOPEZ, JOSE MANUEL, ES
[72] JARA GUERRERO, JUAN ANTONIO, ES
[71] COSENTINO RESEARCH AND DEVELOPMENT, S.L, ES
[85] 2015-01-19
[86] 2013-07-09 (PCT/ES2013/070491)
[87] (WO2014/009585)
[30] ES (P201231084) 2012-07-11

PCT Applications Entering the National Phase

[21] **2,879,506**
[13] A1

[51] **Int.Cl. A61K 31/4015 (2006.01) A61K 31/4025 (2006.01) A61P 19/08 (2006.01) A61P 19/10 (2006.01)**

[25] EN

[54] **DIFLUOROLACTAM COMPOSITIONS FOR EP4-MEDIATED OSTEO RELATED DISEASES AND CONDITIONS**

[54] **COMPOSITIONS DE DIFLUOROLACTAME DESTINEES A DES MALADIES ET DES AFFECTIONS OSSEUSES MEDIEES PAR EP4**

[72] BARRETT, STEPHEN DOUGLAS, US
[72] CISKE, FRED LAWRENCE, US
[72] COLOMBO, JOSEPH MICHAEL, US
[72] ENDRES, GREGORY WILLIAM, US
[72] GERMAIN, BRADLEE DAVID, US
[72] KORNILOV, ANDRIY, US
[72] KRAMER, JAMES BERNARD, US
[72] UZIEBLO, ADAM, US
[72] OWEN, THOMAS ALLEN, US
[72] O'MALLEY, JAMES PAUL, US
[71] CAYMAN CHEMICAL COMPANY, INC., US
[71] MYOMETRICS, LLC, US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051261)
[87] (WO2014/015246)
[30] US (61/673,514) 2012-07-19
[30] US (61/793,929) 2013-03-15

[21] **2,879,507**
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4015 (2006.01) A61K 31/4025 (2006.01) A61P 17/14 (2006.01) A61P 19/10 (2006.01) A61P 25/02 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) C07D 207/20 (2006.01)**

[25] EN

[54] **DIFLUOROLACTAM COMPOUNDS AS EP4 RECEPTOR-SELECTIVE AGONISTS FOR USE IN THE TREATMENT OF EP4-MEDIATED DISEASE AND CONDITIONS**

[54] **COMPOSES DE DIFLUOROLACTAME COMME AGONISTES SELECTIFS DU RECEPTEUR EP4, DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE MALADIES ET D'AFFECTIONS MEDIEES PAR EP4**

[72] BARRETT, STEPHEN DOUGLAS, US
[72] CISKE, FRED LAWRENCE, US
[72] COLOMBO, JOSEPH MICHAEL, US
[72] ENDRES, GREGORY WILLIAM, US
[72] GERMAIN, BRADLEE DAVID, US
[72] KORNILOV, ANDRIY, US
[72] KRAMER, JAMES BERNARD, US
[72] UZIEBLO, ADAM, US
[72] MAXEY, KIRK M., US
[71] CAYMAN CHEMICAL COMPANY, INC., US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051263)
[87] (WO2014/015247)
[30] US (61/673,514) 2012-07-19
[30] US (61/793,929) 2013-03-15

[21] **2,879,508**
[13] A1

[51] **Int.Cl. C01B 3/00 (2006.01) B01D 53/04 (2006.01) B01D 53/047 (2006.01) B01D 53/22 (2006.01) C01B 3/50 (2006.01) C01B 3/56 (2006.01) C10L 3/10 (2006.01) H01M 8/06 (2006.01)**

[25] EN

[54] **DISTRIBUTED HYDROGEN EXTRACTION SYSTEM**

[54] **SYSTEME D'EXTRACTION D'HYDROGENE DISTRIBUE**

[72] POLLICA, DARRYL, US
[72] BLANCHET, SCOTT, US
[72] LI, ZHIJIANG, US
[71] NUVERA FUEL CELLS, INC., US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051286)
[87] (WO2014/018389)
[30] US (61/675,041) 2012-07-24

[21] **2,879,509**
[13] A1

[51] **Int.Cl. G01M 13/02 (2006.01) F03D 1/00 (2006.01)**

[25] EN

[54] **TEST BENCH AND METHOD FOR TESTING THE DRIVE TRAIN OF A WIND TURBINE**

[54] **BANC D'ESSAI ET PROCEDE POUR CONTROLER LA CHAINE CINEMATIQUE D'UNE EOLIENNE**

[72] EUSTERBARKEY, CARSTEN, DE
[71] SENVION SE, DE
[85] 2014-12-23
[86] 2013-07-04 (PCT/EP2013/001960)
[87] (WO2014/015941)
[30] DE (10 2012 212 844.1) 2012-07-23

[21] **2,879,510**
[13] A1

[51] **Int.Cl. A62C 5/00 (2006.01) A62C 99/00 (2010.01)**

[25] EN

[54] **INERTING METHOD AND SYSTEM FOR REDUCING OXYGEN**

[54] **PROCEDE D'INERTISATION ET INSTALLATION DE REDUCTION DE LA TENEUR EN OXYGENE**

[72] WAGNER, ERNST-WERNER, DE
[71] AMRONA AG, CH
[85] 2015-01-16
[86] 2014-04-30 (PCT/EP2014/058814)
[87] (WO2014/180728)
[30] EP (13166652.1) 2013-05-06

[21] **2,879,511**
[13] A1

[51] **Int.Cl. A63H 37/00 (2006.01)**

[25] EN

[54] **NOVELTY POP-UP TOY HAVING A RECEPTACLE HEAD WITH BRAIDED SLEEVE BODY AND ITS ASSOCIATED METHOD OF MANUFACTURE**

[54] **JOUET POP-UP INNOVANT COMPRENANT UNE TETE DE RECEPTACLE PRESENTANT UN CORPS DE MANCHON TRESSE ET SON PROCEDE DE FABRICATION ASSOCIE**

[72] WALTERSCHEID, STEVE, US
[71] KMA CONCEPTS LIMITED, CN
[85] 2015-01-16
[86] 2014-05-25 (PCT/IB2014/061702)
[87] (WO2014/191886)
[30] US (13/902,964) 2013-05-27

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[21] **2,879,512**
[13] A1

[51] **Int.Cl. B60B 7/20 (2006.01)**
[25] EN
[54] **DEVICE FOR MAINTAINING THE ORIENTATION OF AN EMBLEM IN AN AUTOMOBILE WHEEL**
[54] **DISPOSITIF POUR MAINTENIR L'ORIENTATION D'UN ECUSSON DANS UNE ROUE D'AUTOMOBILE**
[72] HERNANDEZ PERDOMO, WILMAR, ES
[72] MAYER PUJADAS, AUGUSTO, ES
[72] SANAHUJA CLOT, JOSE, ES
[72] FERNANDEZ SANCHEZ, EDUARDO, ES
[71] ZANINI AUTO GRUP, SA, ES
[85] 2015-01-19
[86] 2012-07-19 (PCT/ES2012/070549)
[87] (WO2014/013094)

[21] **2,879,513**
[13] A1

[51] **Int.Cl. B65G 5/00 (2006.01) E21B 33/10 (2006.01) E21D 11/00 (2006.01) E21D 11/14 (2006.01) E21F 17/16 (2006.01) F16L 1/028 (2006.01)**
[25] EN
[54] **TUNNELED GAS STORAGE**
[54] **STOCKAGE DE GAZ EN TUNNEL**
[72] RAM, YOSSEF, IL
[71] SATINWOOD INC., CH
[85] 2015-01-16
[86] 2013-07-17 (PCT/IL2013/050607)
[87] (WO2014/013490)
[30] US (61/672,355) 2012-07-17
[30] US (61/674,510) 2012-07-23

[21] **2,879,514**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/11 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS FOR DOWN-REGULATION OF GENE EXPRESSION**
[54] **ACIDES NUCLEIQUES POUR LA REGULATION A LA BAISSSE DE L'EXPRESSION GENIQUE**
[72] KRAUSE, KARL-HEINZ, CH
[72] MYBURGH, RENIER, ZA
[72] SALMON, PATRICK, CH
[71] UNIVERSITE DE GENEVE, CH
[71] UNIVERSITY OF PRETORIA, ZA
[85] 2015-01-19
[86] 2013-09-13 (PCT/IB2013/058545)
[87] (WO2014/016817)
[30] US (61/672,441) 2012-07-17

[21] **2,879,515**
[13] A1

[51] **Int.Cl. B61F 5/52 (2006.01)**
[25] EN
[54] **BOGIE FRAME FOR RAILWAY VEHICLES**
[54] **CHASSIS DE BOGIE POUR VEHICULE FERROVIAIRE**
[72] YOSHIZU, TATSUYA, JP
[72] KANEYASU, NOBUAKI, JP
[72] KADONAKA, TAKEHIRO, JP
[72] TOKUNAGA, SATOSHI, JP
[72] KIKKO, SATOSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-16
[86] 2013-07-17 (PCT/JP2013/004357)
[87] (WO2014/027440)
[30] JP (2012-179373) 2012-08-13

[21] **2,879,516**
[13] A1

[51] **Int.Cl. F23R 7/00 (2006.01) F02C 9/26 (2006.01)**
[25] FR
[54] **CONSTANT-VOLUME COMBUSTION (CVC) CHAMBER FOR AN AIRCRAFT TURBINE ENGINE INCLUDING AN INTAKE/EXHAUST VALVE HAVING A SPHERICAL PLUG**
[54] **CHAMBRE DE COMBUSTION CVC POUR TURBOMACHINE D'AERONEF COMPRENANT UNE VALVE D'ADMISSION / D'ECHAPPEMENT A TOURNANT SPHERIQUE**
[72] ROBIC, BERNARD, FR
[71] SNECMA, FR
[85] 2015-01-19
[86] 2013-07-30 (PCT/FR2013/051832)
[87] (WO2014/020275)
[30] FR (12 57599) 2012-08-03

[21] **2,879,517**
[13] A1

[51] **Int.Cl. B64D 33/02 (2006.01) F02C 7/055 (2006.01)**
[25] FR
[54] **HELICOPTER ENGINE AIR INTAKE WITH IMPROVED BYPASS FLOW**
[54] **ENTREE D'AIR POUR MOTEUR D'HELICOPTERE A CIRCULATION DE CONTOURNEMENT AUGMENTEE**
[72] JACTAT, PAUL-ETIENNE, FR
[72] BULOT, NICOLAS, FR
[72] LEBRUSQ, PASCAL, FR
[72] VERGEZ, THIERRY, FR
[71] TURBOMECA, FR
[85] 2015-01-19
[86] 2013-07-26 (PCT/FR2013/051809)
[87] (WO2014/020267)
[30] FR (1257385) 2012-07-30

[21] **2,879,518**
[13] A1

[51] **Int.Cl. C07D 213/78 (2006.01) C07D 213/803 (2006.01)**
[25] EN
[54] **FLUOROPICOLINOYL FLUORIDES AND PROCESSES FOR THEIR PREPARATION**
[54] **FLUORURES DE FLUOROPICOLINOYLE ET LEURS PROCEDES DE PREPARATION**
[72] RENGA, JAMES M., US
[72] CHENG, YANG, US
[72] MUHUHI, JOSECK M., US
[72] PODHOREZ, DAVID E., US
[72] ROTH, GARY A., US
[72] WEST, SCOTT P., US
[72] WHITEKER, GREGORY T., US
[72] ZHU, YUANMING, US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-19
[86] 2013-07-23 (PCT/US2013/051629)
[87] (WO2014/018506)
[30] US (61/675,229) 2012-07-24

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[21] **2,879,519**
[13] A1

[51] **Int.Cl. A01N 43/08 (2006.01) A01G 7/06 (2006.01) A01N 25/32 (2006.01) A01N 43/16 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) A01P 21/00 (2006.01)**

[25] EN

[54] **METHOD OF PROVIDING PLANT WITH STRESS RESISTANCE**

[54] **PROCEDE PERMETTANT D'OBTENIR DES PLANTES PRESENTANT UNE RESISTANCE AU STRESS**

[72] KAGEYAMA, CHIZUKO, JP

[72] IYOZUMI, HIROYUKI, JP

[72] NUKUI, HIDEKI, JP

[72] KATO, KIMIHIKO, JP

[72] MANNEN, JUNYA, JP

[72] TOMIDA, KAZUYUKI, JP

[72] SANO, SHINSUKE, JP

[72] KATO, HIDEKI, JP

[72] MAKITA, SATORU, JP

[72] MIZUNO, TOSHIO, JP

[71] NIPPON SODA CO., LTD., JP

[71] SHIZUOKA PREFECTURE, JP

[85] 2015-01-19

[86] 2013-07-19 (PCT/JP2013/004430)

[87] (WO2014/013744)

[30] JP (2012-161898) 2012-07-20

[21] **2,879,520**
[13] A1

[51] **Int.Cl. C12Q 1/04 (2006.01) G01N 27/62 (2006.01) G01N 33/68 (2006.01)**

[25] FR

[54] **METHOD FOR DETECTING AT LEAST ONE MECHANISM OF RESISTANCE TO GLYCOPEPTIDES BY MASS SPECTROMETRY**

[54] **PROCEDE DE DETECTION D'AU MOINS UN MECANISME DE RESISTANCE AUX GLYCOPEPTIDES PAR SPECTROMETRIE DE MASSE**

[72] CHARRETIER, YANNICK, FR

[72] CHARRIER, JEAN-PHILIPPE, FR

[72] FRANCESCHI, CHRISTINE, FR

[72] ZAMBARDI, GILLES, FR

[71] BIOMERIEUX, FR

[85] 2015-01-19

[86] 2013-07-30 (PCT/FR2013/051833)

[87] (WO2014/020276)

[30] FR (1257489) 2012-08-01

[21] **2,879,521**
[13] A1

[51] **Int.Cl. F15B 15/06 (2006.01) F16K 31/122 (2006.01)**

[25] EN

[54] **VALVE ACTUATOR FOR ROTARY VALVE**

[54] **ACTIONNEUR DE SOUPAPE POUR UNE SOUPAPE ROTATIVE**

[72] JACKSON, TRENTON FRANK, US

[71] FISHER CONTROLS INTERNATIONAL LLC, US

[85] 2015-01-19

[86] 2013-07-23 (PCT/US2013/051579)

[87] (WO2014/022144)

[30] US (13/563,217) 2012-07-31

[21] **2,879,522**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04H 60/33 (2009.01) H04N 21/258 (2011.01)**

[25] EN

[54] **SYSTEMS, METHODS AND COMPUTER-READABLE MEDIA FOR DETERMINING OUTCOMES FOR PROGRAM PROMOTIONS**

[54] **SYSTEMES, PROCEDES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR DETERMINER DES RESULTATS POUR DES PROMOTIONS DE PROGRAMME**

[72] NIEMEIJER, GERRIT, US

[72] MARCUS, CLAUDIO, US

[71] VISIBLE WORLD, INC., US

[85] 2015-01-19

[86] 2013-07-22 (PCT/US2013/051435)

[87] (WO2014/015330)

[30] US (61/674,025) 2012-07-20

[21] **2,879,523**
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) H04N 13/02 (2006.01)**

[25] EN

[54] **USER-CONTROLLED 3D SIMULATION FOR PROVIDING REALISTIC AND ENHANCED DIGITAL OBJECT VIEWING AND INTERACTION EXPERIENCE**

[54] **SIMULATION 3D CONTROLEE PAR L'UTILISATEUR ASSURANT UNE EXPERIENCE DE VISUALISATION ET D'INTERACTION REALISTE ET AMELIOREE QUANT A UN OBJET AMERIQUE**

[72] VATS, GAURAV, IN

[72] VATS, NITIN, IN

[71] VATS, GAURAV, IN

[71] VATS, NITIN, IN

[85] 2015-01-19

[86] 2013-07-18 (PCT/IN2013/000448)

[87] (WO2014/006642)

[30] IN (2253/DEL/2012) 2012-07-19

[21] **2,879,524**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 15/02 (2006.01) G07B 15/02 (2011.01)**

[25] EN

[54] **ELECTRONIC SYSTEM FOR AUTHORISING AND SEARCHING FOR PARKING SPACES**

[54] **SYSTEME ELECTRONIQUE D'AUTORISATION ET DE RECHERCHE DE LIEUX DE STATIONNEMENT**

[72] RODRIGUEZ GARZA, IRAZU I, MX

[71] RODRIGUEZ GARZA, IRAZU I, MX

[85] 2015-01-19

[86] 2012-10-26 (PCT/MX2012/000107)

[87] (WO2014/014331)

[30] MX (MX/a/2012/008368) 2012-07-18

Demandes PCT entrant en phase nationale

[21] **2,879,525**
[13] A1

[51] **Int.Cl. B60R 21/2338 (2011.01) B60R 21/2346 (2011.01) B60R 21/207 (2006.01) B60R 21/239 (2006.01)**

[25] EN
[54] **VEHICLE SIDE AIR BAG DEVICE**
[54] **DISPOSITIF DE COUSSIN DE SECURITE GONFLABLE LATERAL POUR VEHICULE**

[72] FUJIWARA, YUSUKE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2015-01-16
[86] 2013-06-13 (PCT/JP2013/066396)
[87] (WO2014/013822)
[30] JP (2012-160476) 2012-07-19

[21] **2,879,526**
[13] A1

[51] **Int.Cl. G03B 37/04 (2006.01) G01C 11/02 (2006.01)**

[25] EN
[54] **OPTOELECTRONIC PHOTO SENSOR**
[54] **RECEPTEUR OPTIQUE ET ELECTRONIQUE (ET VARIANTES)**

[72] BARYSHNIKOV, ALEKSANDR NIKOLAEVICH, RU
[72] BEZOBRAZOV, VLADIMIR SERGEEVICH, RU
[72] GRIBACH, ALEKSANDR ALEKSEEVICH, RU
[72] IVANOV, VASILYI PETROVICH, RU
[72] MAXIMYAK, SERGEY PETROVICH, RU

[71] BARYSHNIKOV, ALEKSANDR NIKOLAEVICH, RU
[71] BEZOBRAZOV, VLADIMIR SERGEEVICH, RU
[71] GRIBACH, ALEKSANDR ALEKSEEVICH, RU
[71] IVANOV, VASILYI PETROVICH, RU
[71] MAXIMYAK, SERGEY PETROVICH, RU

[85] 2015-01-19
[86] 2013-11-08 (PCT/RU2013/000995)
[87] (WO2014/081341)
[30] RU (2012149706) 2012-11-22

[21] **2,879,527**
[13] A1

[51] **Int.Cl. B01J 29/06 (2006.01)**

[25] EN
[54] **MAGNESIUM STABILIZED ULTRA LOW SODA CRACKING CATALYSTS**
[54] **CATALYSEURS DE CRAQUAGE A ULTRA FAIBLE TENEUR EN SOUDE, STABILISES PAR DU MAGNESIUM**

[72] SHU, YUYING, US
[72] CHENG, WU-CHENG, US
[72] WORMSBECHER, RICHARD F., US
[72] SUTOVICH, KEVIN J., US
[72] KUMAR, RANJIT, US
[72] ZIEBARTH, MICHAEL S., US
[71] W.R. GRACE & CO. -CONN., US

[85] 2015-01-19
[86] 2013-07-23 (PCT/US2013/051581)
[87] (WO2014/018484)
[30] US (61/674,527) 2012-07-23

[21] **2,879,528**
[13] A1

[51] **Int.Cl. H01S 5/183 (2006.01)**

[25] EN
[54] **MEMS-TUNABLE SHORT CAVITY LASER**
[54] **LASER A CAVITE COURTE ACCORDABLE MEMS**

[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[71] THORLABS, INC., US
[71] PRAEVIUM RESEARCH, INC., US

[85] 2015-01-19
[86] 2013-07-26 (PCT/US2013/052416)
[87] (WO2014/018943)
[30] US (61/676,712) 2012-07-27

[21] **2,879,529**
[13] A1

[51] **Int.Cl. A61F 13/532 (2006.01) A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61F 13/535 (2006.01) A61F 13/511 (2006.01) A61F 13/53 (2006.01)**

[25] FR
[54] **ITEM INTENDED TO COME INTO CONTACT WITH A LIQUID, IN PARTICULAR A BANDAGE**
[54] **ARTICLE DESTINE A VENIR EN CONTACT AVEC UN LIQUIDE, NOTAMMENT PANSEMENT**

[72] FOUILLET, YVES, FR
[72] MARSQUET, CYRIL, FR
[72] REVOL-CAVALIER, FREDERIC, FR
[72] PERNOT, JEAN-MARC, FR
[72] LECOMTE, SERGE, FR
[72] LAMOISE, MICHEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[71] LABORATOIRES URGO, FR

[85] 2015-01-16
[86] 2013-07-22 (PCT/IB2013/056010)
[87] (WO2014/016759)
[30] FR (1257108) 2012-07-23

[21] **2,879,530**
[13] A1

[51] **Int.Cl. C07D 213/803 (2006.01)**

[25] EN
[54] **PROCESS FOR THE PREPARATION OF 4-AMINO-5-FLUORO-3-HALO-6-(SUBSTITUTED)PICOLINATES**
[54] **PROCEDE DE PREPARATION DE 4-AMINO-5-FLUORO-3-HALO-6-PICOLINATES (SUBSTITUES)**

[72] RENGA, JAMES M., US
[72] CHENG, YANG, US
[72] MUHUHI, JOSECK M., US
[72] PODHOREZ, DAVID E., US
[72] ROTH, GARY A., US
[72] WEST, SCOTT P., US
[72] WHITEKER, GREGORY T., US
[72] ZHU, YUANMING, US

[71] DOW AGROSCIENCES LLC, US

[85] 2015-01-19
[86] 2013-07-23 (PCT/US2013/051623)
[87] (WO2014/018502)
[30] US (61/675,235) 2012-07-24

PCT Applications Entering the National Phase

[21] **2,879,531**
[13] A1

[51] **Int.Cl. G06N 3/02 (2006.01) G06N 3/04 (2006.01)**

[25] EN

[54] **NEURAL PROCESSING ENGINE AND ARCHITECTURE USING THE SAME**

[54] **MOTEUR DE TRAITEMENT NEURONAL ET ARCHITECTURE UTILISANT CE DERNIER**

[72] PALMER, DOUGLAS A., US

[72] FLOREA, MICHAEL, US

[71] THE INTELLISIS CORPORATION, US

[85] 2015-01-19

[86] 2013-07-29 (PCT/US2013/052473)

[87] (WO2014/062265)

[30] US (13/560,890) 2012-07-27

[21] **2,879,534**
[13] A1

[51] **Int.Cl. A47G 9/10 (2006.01) A44B 11/25 (2006.01)**

[25] EN

[54] **HEAD AND NECK SUPPORT DEVICE WITH LOW COLLAR**

[54] **DISPOSITIF DE SUPPORT DE TETE ET DE COU AYANT UN COL BAS**

[72] STILES, MARK A., US

[72] DOWNING, JAMES R., US

[71] SIMPSON PERFORMANCE PRODUCTS, INC., US

[85] 2015-01-19

[86] 2012-07-19 (PCT/US2012/047394)

[87] (WO2014/014465)

[30] US (13/553,048) 2012-07-19

[21] **2,879,536**
[13] A1

[51] **Int.Cl. A61M 39/22 (2006.01) A61M 27/00 (2006.01)**

[25] EN

[54] **DEVICE FOR REGULATING GRAVITATIONAL PRESSURE IN A SHUNT SYSTEM**

[54] **DISPOSITIF DE REGULATION DE PRESSION GRAVITATIONNELLE DANS UN SYSTEME DE SHUNT**

[72] SEAVER, CHAD, US

[72] ARNOTT, CHRIS, US

[72] KILLEFFER, JAMES A., US

[71] ARKIS BIOSCIENCES, US

[85] 2015-01-19

[86] 2013-07-23 (PCT/US2013/051660)

[87] (WO2014/018520)

[30] US (61/674,729) 2012-07-23

[21] **2,879,532**
[13] A1

[51] **Int.Cl. B23G 7/00 (2006.01)**

[25] EN

[54] **MACHINING METHOD FOR FEMALE SCREW AND DEVICE FOR SAME**

[54] **PROCEDE D'USINAGE POUR VIS FEMELLE ET DISPOSITIF ASSOCIE**

[72] AOYAMA, TSUYOSHI, JP

[71] M. H. CENTER LIMITED, JP

[85] 2015-01-19

[86] 2013-07-30 (PCT/JP2013/004607)

[87] (WO2014/020900)

[30] JP (2012-171384) 2012-08-01

[21] **2,879,535**
[13] A1

[51] **Int.Cl. B01J 8/20 (2006.01) B01J 19/24 (2006.01) C07C 21/18 (2006.01)**

[25] EN

[54] **PRODUCING HEATING IN CASCADE HEAT PUMPS USING WORKING FLUIDS COMPRISING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE IN THE FINAL CASCADE STAGE**

[54] **PRODUCTION DE CHALEUR DANS DES POMPES A CHALEUR EN CASCADE UTILISANT DES FLUIDES DE TRAVAIL COMPRENANT DU Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE DANS L'ETAGE DE CASCADE FINAL**

[72] KONTOMARIS, KONSTANTINOS, US

[21] **2,879,537**
[13] A1

[51] **Int.Cl. G06F 17/11 (2006.01) G01N 24/08 (2006.01) G01V 1/48 (2006.01) G01V 3/32 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS OF DATA INVERSION**

[54] **APPAREIL ET PROCEDES D'INVERSION DE DONNEES**

[72] LI, JING, US

[72] CHEN, SONGHUA, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2015-01-19

[86] 2012-07-24 (PCT/US2012/048009)

[87] (WO2014/018022)

[21] **2,879,533**
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 37/36 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **COMPOSITION FOR CONTROLLING PLANT DISEASE AND APPLICATION THEREFOR**

[54] **COMPOSITION PHYTOSANITAIRE ET SON APPLICATION**

[72] MATSUZAKI, YUICHI, JP

[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP

[85] 2015-01-19

[86] 2013-06-18 (PCT/JP2013/067160)

[87] (WO2014/013842)

[30] JP (2012-161709) 2012-07-20

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

[85] 2015-01-19

[86] 2013-08-01 (PCT/US2013/053148)

[87] (WO2014/022628)

[30] US (61/678,223) 2012-08-01

Demandes PCT entrant en phase nationale

[21] **2,879,538**
[13] A1

[51] **Int.Cl. C12P 19/26 (2006.01)**
[25] EN
[54] **PRODUCTION OF HIGHLY PURIFIED SODIUM HYALURONATE (HANA) WITH CONTROLLED MOLECULAR WEIGHT**
[54] **PRODUCTION DE HYALURONATE DE SODIUM HAUTEMENT PURIFIE (HANA) POSSEDANT UN POIDS MOLECULAIRE CONTROLE**
[72] PAGLIUCA, MAURIZIO, IT
[72] RUGGIERO, ALESSANDRO, IT
[72] VOLPE, FELICE, IT
[71] ALTERGON ITALIA S.R.L., IT
[85] 2015-01-02
[86] 2013-06-14 (PCT/EP2013/062360)
[87] (WO2014/005822)
[30] IT (MI2012A001184) 2012-07-05

[21] **2,879,539**
[13] A1

[51] **Int.Cl. A01N 43/08 (2006.01) A01G 7/06 (2006.01) A01N 25/32 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) A01N 47/24 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **CHEMICAL COMPOSITION FOR REDUCING STRESS ON PLANT**
[54] **COMPOSITION DE MEDICAMENT PERMETTANT DE REDUIRE LE STRESS SUR LES PLANTES**
[72] KAGEYAMA, CHIZUKO, JP
[72] IYOZUMI, HIROYUKI, JP
[72] NUKUI, HIDEKI, JP
[72] KATO, KIMIHIKO, JP
[72] MANNEN, JUNYA, JP
[72] TOMIDA, KAZUYUKI, JP
[72] SANO, SHINSUKE, JP
[72] KATO, HIDEKI, JP
[72] MAKITA, SATORU, JP
[72] MIZUNO, TOSHIO, JP
[71] NIPPON SODA CO., LTD., JP
[71] SHIZUOKA PREFECTURE, JP
[85] 2015-01-19
[86] 2013-07-19 (PCT/JP2013/004429)
[87] (WO2014/013743)
[30] JP (2012-161897) 2012-07-20

[21] **2,879,540**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/46 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01) C21D 1/18 (2006.01) C21D 9/00 (2006.01)**
[25] EN
[54] **COLD-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING SAME, AND HOT-STAMP FORMED BODY**
[54] **FEUILLE D'ACIER LAMINEE A FROID, SON PROCEDE DE FABRICATION ET ARTICLE MOULE PAR ESTAMPAGE A CHAUD**
[72] NONAKA, TOSHIKI, JP
[72] KATO, SATOSHI, JP
[72] KAWASAKI, KAORU, JP
[72] TOMOKIYO, TOSHIMASA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-19
[86] 2013-08-05 (PCT/JP2013/071126)
[87] (WO2014/024831)
[30] JP (2012-174215) 2012-08-06
[30] JP (2012-174216) 2012-08-06

[21] **2,879,541**
[13] A1

[51] **Int.Cl. C08J 9/14 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF E-1,3,4,4,4-PENTAFLUORO-3-TRIFLUOROMETHYL-1-BUTENE AND Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND USES THEREOF**
[54] **COMPOSITIONS AZEOTROPES ET DE TYPE AZEOTROPE DE E-1,3,4,4,4-PENTAFLUORO-3-TRIFLUOROMETHYL-1-BUTENE ET Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE ET LEURS UTILISATIONS**
[72] ROBIN, MARK L., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-01-19
[86] 2013-08-01 (PCT/US2013/053175)
[87] (WO2014/022638)
[30] US (61/678,260) 2012-08-01

[21] **2,879,542**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/127 (2006.01) A61K 9/16 (2006.01) A61P 19/02 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **REGULATING THE INTERACTION BETWEEN TAM LIGANDS AND LIPID MEMBRANES WITH EXPOSED PHOSPHATIDYLSERINE**
[54] **REGULATION DE L'INTERACTION ENTRE LES LIGANDS DE TAM ET LES MEMBRANES LIPIDIQUES CONTENANT DE LA PHOSPHATIDYLSERINE**
[72] LEMKE, GREG E., US
[72] FRITZ, LAWRENCE C., US
[72] VOLLRATH, BENEDIKT, US
[72] ROTHLIN, CARLA V., US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[71] XETRIOS THERAPEUTICS, INC., US
[85] 2015-01-19
[86] 2013-07-23 (PCT/US2013/051688)
[87] (WO2014/018535)
[30] US (61/675,731) 2012-07-25

[21] **2,879,543**
[13] A1

[51] **Int.Cl. H02M 3/22 (2006.01) H02M 3/24 (2006.01)**
[25] EN
[54] **ADAPTIVE SOFT SWITCHING CONTROL FOR POWER CONVERTER**
[54] **COMMANDE ADAPTATIVE DE COMMUTATION DOUCE POUR CONVERTISSEUR DE PUISSANCE**
[72] WI, DI, CA
[72] WORONOWICZ, KONRAD, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2015-01-20
[86] 2012-08-27 (PCT/CA2012/000797)
[87] (WO2014/032156)

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[21] **2,879,544**
[13] A1

[51] **Int.Cl. C09K 8/594 (2006.01) E21B 43/16 (2006.01) F01K 25/10 (2006.01) F02C 1/00 (2006.01) F02C 1/05 (2006.01) F02C 1/10 (2006.01) F02C 6/14 (2006.01) F24J 3/08 (2006.01)**

[25] EN

[54] **CARBON DIOXIDE-BASED GEOTHERMAL ENERGY GENERATION SYSTEMS AND METHODS RELATED THERETO**

[54] **SYSTEMES DE GENERATION D'ENERGIE GEOTHERMIQUE A BASE DE DIOXYDE DE CARBONE ET PROCEDES ASSOCIES A CEUX-CI**

[72] SAAR, MARTIN O., US

[72] RANDOLPH, JIMMY BRYAN, US

[72] KUEHN, THOMAS H., US

[72] CARPENTER, KENNETH, US

[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US

[71] HEAT MINING COMPANY LLC, US

[85] 2015-01-19

[86] 2013-07-19 (PCT/US2013/051379)

[87] (WO2014/015307)

[30] US (13/554,868) 2012-07-20

[21] **2,879,545**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01)**

[25] EN

[54] **SPACE-FILLING DEVICE**

[54] **DISPOSITIF PERMETTANT DE COMBLER UN ESPACE**

[72] CULLY, EDWARD, US

[72] VONESH, MICHAEL J., US

[71] W.L. GORE & ASSOCIATES, INC., US

[85] 2015-01-19

[86] 2013-08-01 (PCT/US2013/053294)

[87] (WO2014/022706)

[30] US (61/678,898) 2012-08-02

[30] US (61/799,939) 2013-03-15

[30] US (13/955,220) 2013-07-31

[21] **2,879,546**
[13] A1

[51] **Int.Cl. C13K 1/02 (2006.01) B01D 61/02 (2006.01) B01D 61/04 (2006.01) B01D 61/14 (2006.01) B01D 61/58 (2006.01) B01D 65/06 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING SUGAR SOLUTION**

[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE**

[72] KISHIMOTO, JUMPEI, JP

[72] KURIHARA, HIROYUKI, JP

[72] MINAMINO, ATSUSHI, JP

[72] YAMADA, KATSUSHIGE, JP

[71] TORAY INDUSTRIES, INC., JP

[85] 2015-01-19

[86] 2013-08-08 (PCT/JP2013/071451)

[87] (WO2014/024952)

[30] JP (2012-178551) 2012-08-10

[21] **2,879,547**
[13] A1

[51] **Int.Cl. D06N 5/00 (2006.01) B32B 11/10 (2006.01) E04D 5/10 (2006.01)**

[25] EN

[54] **WATER PROOFING MEMBRANE, AND A METHOD FOR MAKING A WATER PROOFING MEMBRANE**

[54] **MEMBRANE DE PROTECTION VIS-A-VIS DE L'EAU, ET PROCEDE POUR REALISER UNE MEMBRANE DE PROTECTION VIS-A-VIS DE L'EAU**

[72] BADER, SEVERINE, FR

[72] DUJEANCOURT, FRANCK, FR

[72] VIDAL, FLORENCE, FR

[72] MADEC, YVES, FR

[71] ICOPAL DANMARK A/S, DK

[85] 2015-01-20

[86] 2013-07-19 (PCT/DK2013/050244)

[87] (WO2014/015876)

[30] DK (PA 2012 70455) 2012-07-27

[21] **2,879,548**
[13] A1

[51] **Int.Cl. A61K 31/506 (2006.01) A61K 31/4439 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMBINATIONS COMPRISING A B-RAF INHIBITOR, AN EGFR INHIBITOR AND OPTIONALLY A PI3K-ALPHA INHIBITOR**

[54] **COMBINAISONS PHARMACEUTIQUES COMPRENANT UN INHIBITEUR DE B-RAF, UN INHIBITEUR D'EGFR ET FACULTATIVEMENT UN INHIBITEUR DE PI3K ALPHA**

[72] CAPONIGRO, GIORDANO, US

[72] STUART, DARRIN, US

[72] MOUTOUH-DE PARSEVAL, LAURE, CH

[71] NOVARTIS AG, CH

[85] 2015-01-19

[86] 2013-08-05 (PCT/US2013/053619)

[87] (WO2014/025688)

[30] US (61/680,473) 2012-08-07

[21] **2,879,550**
[13] A1

[51] **Int.Cl. A47G 25/02 (2006.01)**

[25] EN

[54] **COMBINATION BRACKET AND GARMENT HANGER SYSTEM AND ASSEMBLY MOUNTABLE TO AN OVERHEAD TRIM PIECE ASSOCIATED WITH A DOORWAY SUCH AS FOR ROTATABLY SUPPORTING A GARMENT DURING STEAM CLEANING**

[54] **SYSTEME ET ENSEMBLE SUPPORT ET CINTRE POUR VETEMENT COMBINES POUVANT ETRE MONTES SUR UNE PIECE D'HABILLAGES VERTICALE ASSOCIEE A UNE PORTE POUR PORTER DE FACON ROTATIVE UN VETEMENTPENDANT UN NETTOYAGE A LA VAPEUR**

[72] FARRIS, ANTHONY C., US

[71] FARRIS, ANTHONY C., US

[85] 2015-01-16

[86] 2013-07-19 (PCT/US2013/051321)

[87] (WO2014/018408)

[30] US (61/676,687) 2012-07-27

[30] US (13/785,941) 2013-03-05

Demandes PCT entrant en phase nationale

[21] **2,879,551**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **REDUCED EMISSIONS METHOD FOR RECOVERING PRODUCT FROM A HYDRAULIC FRACTURING OPERATION**
[54] **PROCEDE A EMISSIONS REDUITES POUR RECUPERER UN PRODUIT A PARTIR D'UNE OPERATION DE FRACTURATION HYDRAULIQUE**
[72] NEVISON, GRANT W., CA
[72] ROSS, ROBERT RODNEY, CA
[71] MILLENNIUM STIMULATION SERVICES LTD., CA
[85] 2015-01-20
[86] 2012-08-23 (PCT/CA2012/000798)
[87] (WO2014/029000)

[21] **2,879,552**
[13] A1

[51] **Int.Cl. D21C 9/02 (2006.01)**
[25] EN
[54] **PURIFICATION PROCESS FOR PARTLY-HYDROLYZED CELLULOSE**
[54] **PROCESSUS DE PURIFICATION DE CELLULOSE PARTIELLEMENT HYDROLYSEE**
[72] LOCKHART, JAMES M., CA
[71] NORAM ENGINEERING AND CONSTRUCTORS LTD., CA
[85] 2015-01-20
[86] 2012-08-21 (PCT/CA2012/050575)
[87] (WO2014/029001)

[21] **2,879,553**
[13] A1

[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/02 (2006.01) A61K 8/11 (2006.01) A61K 8/34 (2006.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **THREE-LAYERED HAIR CONDITIONING COMPOSITION AND CONSUMER PRODUCT**
[54] **COMPOSITION APRES SHAMPOOING A TROIS COUCHES ET PRODUIT DE CONSOMMATION**
[72] RESNOME, JENNIFER MARIE, US
[72] SALTO, JOHN J., US
[72] HAWKINS, GEOFFREY, US
[71] ELC MANAGEMENT LLC, US
[85] 2015-01-19
[86] 2013-07-23 (PCT/US2013/051706)
[87] (WO2014/018543)
[30] US (61/675,377) 2012-07-25

[21] **2,879,554**
[13] A1

[51] **Int.Cl. C07D 417/12 (2006.01) C07D 417/14 (2006.01) C11B 9/00 (2006.01)**
[25] EN
[54] **SWEET FLAVOR MODIFIER**
[54] **MODIFICATEUR D'AROME EDULCORANT**
[72] TACHDJIAN, CATHERINE, US
[72] KARANEWSKY, DONALD, US
[72] WERNER, SARA, US
[72] DARMOHUSODO, VINCENT, US
[72] YAMAMOTO, JEFF, US
[71] SENOMYX, INC., US
[85] 2015-01-19
[86] 2013-08-05 (PCT/US2013/053666)
[87] (WO2014/025706)
[30] US (61/679,912) 2012-08-06
[30] US (61/779,502) 2013-03-13

[21] **2,879,556**
[13] A1

[51] **Int.Cl. A22C 9/00 (2006.01)**
[25] EN
[54] **A ROLLER SYSTEM ADAPTED TO BE USED IN RELATION TO A FLATTENING APPARATUS FOR FLATTENING FOODSTUFF**
[54] **SYSTEME DE ROULEAU ADAPTE A ETRE UTILISE EN ASSOCIATION AVEC UN APPAREIL D'APLATISSEMENT POUR APLATIR UN PRODUIT ALIMENTAIRE**
[72] SORENSEN, ANDERS, DK
[72] NIELSEN, TOMAS FINNE, DK
[71] MAREL A/S, DK
[85] 2015-01-20
[86] 2013-08-19 (PCT/DK2013/000050)
[87] (WO2014/026690)
[30] EP (12180873.7) 2012-08-17
[30] US (61/684,208) 2012-08-17
[30] DK (PA 2012 70737) 2012-11-28

[21] **2,879,557**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/12 (2011.01) C40B 30/00 (2006.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS, KITS AND COMPOSITIONS FOR PROVIDING A CLINICAL ASSESSMENT OF PROSTATE CANCER**
[54] **METHODES, KITS ET COMPOSITIONS POUR REALISER UNE EVALUATION CLINIQUE D'UN CANCER PROSTATIQUE**
[72] HAINCE, JEAN-FRANCOIS, CA
[72] BEAUDRY, GUILLAUME, CA
[72] FRADET, YVES, CA
[72] PAQUET, ERIC, CA
[71] DIAGNOCURE INC., CA
[85] 2015-01-20
[86] 2013-06-14 (PCT/CA2013/050452)
[87] (WO2014/012176)

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[21] **2,879,558**
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/10 (2006.01)**
[25] EN
[54] **CLOSED SYSTEM TRANSFER DEVICE AND AUTOMATION SYSTEM**
[54] **DISPOSITIF DE TRANSFERT A SYSTEME FERME ET SYSTEME D'AUTOMATISATION**
[72] REINHARDT, ALEX H., CA
[72] ROB, RONALD H., CA
[71] INTELLIGENT HOSPITAL SYSTEMS INC., CA
[85] 2015-01-20
[86] 2013-07-24 (PCT/CA2013/000666)
[87] (WO2014/015419)
[30] US (61/675,026) 2012-07-24

[21] **2,879,559**
[13] A1

[51] **Int.Cl. A61F 2/97 (2013.01)**
[25] EN
[54] **SYSTEMS OF DEPLOYMENT OF ENDOLUMINAL DEVICES**
[54] **SYSTEMES DE POSE DE DISPOSITIFS ENDOLUMINAUX**
[72] NORRIS, PATRICK M., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-01-19
[86] 2013-08-07 (PCT/US2013/053902)
[87] (WO2014/025853)
[30] US (61/682,136) 2012-08-10
[30] US (13/959,540) 2013-08-05

[21] **2,879,560**
[13] A1

[51] **Int.Cl. A61K 8/72 (2006.01) A61K 8/89 (2006.01) A61K 8/97 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR REDUCING PORE SIZE, AND MOISTURIZING AND/OR BLURRING APPEARANCE OF DEFECTS ON KERATIN SURFACES**
[54] **PROCEDE ET COMPOSITIONS POUR REDUIRE LA TAILLE DES PORES, ET HYDRATER ET/OU EFFACER L'ASPECT DE DEFAUTS SUR DES SURFACES KERATINIQUES**
[72] MOHAMMADI, FATEMAH, US
[72] QU, LISA, US
[72] CZARNOTA, ANNA, US
[72] MOU, TSUNG-WEI ROBERT, US
[71] ELC MANAGEMENT LLC, US
[85] 2015-01-19
[86] 2013-07-23 (PCT/US2013/051712)
[87] (WO2014/018547)
[30] US (61/675,389) 2012-07-25

[21] **2,879,561**
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **ACCOMMODATING INTRAOCULAR LENS WITH A COMPRESSIBLE INNER STRUCTURE**
[54] **CRISTALLIN ARTIFICIEL ACCOMMODATIF AYANT UNE STRUCTURE INTERIEURE COMPRESSIBLE**
[72] BASINGER, BROOKE C., US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2014-10-07
[86] 2013-05-10 (PCT/US2013/040504)
[87] (WO2013/170125)
[30] US (13/468,599) 2012-05-10

[21] **2,879,562**
[13] A1

[51] **Int.Cl. A62D 3/40 (2007.01)**
[25] EN
[54] **APPARATUS AND METHOD OF OPERATING AN INJECTOR FOR AN EXHAUST GAS AFTERTREATMENT APPARATUS**
[54] **APPAREIL ET PROCEDE DE FONCTIONNEMENT D'UN INJECTEUR POUR UN APPAREIL DE POST-TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] MEIER, PHILIP, US
[72] JACQUES, WALTER, US
[72] DONG, QUNLONG, US
[71] MACK TRUCKS, INC., US
[85] 2015-01-19
[86] 2012-07-26 (PCT/US2012/048277)
[87] (WO2014/018036)

[21] **2,879,564**
[13] A1

[51] **Int.Cl. B29C 51/18 (2006.01) A47G 19/00 (2006.01) B29C 51/26 (2006.01)**
[25] EN
[54] **CUP-FORMING PROCESS AND MACHINE**
[54] **PROCEDE ET MACHINE DE FORMATION DE COUPE**
[72] CHAPMAN, KODY A., US
[72] BOWLDS, RANDY A., US
[72] WALLACE, CHARLES T., US
[71] BERRY PLASTICS CORPORATION, US
[85] 2015-01-19
[86] 2013-08-07 (PCT/US2013/053935)
[87] (WO2014/025877)
[30] US (61/680,568) 2012-08-07
[30] US (61/737,236) 2012-12-14

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[21] **2,879,565**
[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **RADIATION SHIELDING CATHETER HUB AND RELATED METHODS OF USE**
[54] **EMBASE DE CATHETER DE PROTECTION CONTRE LE RAYONNEMENT ET PROCEDES D'UTILISATION ASSOCIES**
[72] ZAMARRIPA, NATHAN, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051352)
[87] (WO2014/015286)
[30] US (61/673,669) 2012-07-19

[21] **2,879,567**
[13] A1

[51] **Int.Cl. C07C 273/16 (2006.01)**
[25] EN
[54] **CONCENTRATION OF THE UREA SOLUTION IN A PROCESS FOR THE SYNTHESIS OF UREA**
[54] **CONCENTRATION DE LA SOLUTION D'UREE DANS UN PROCEDE DE SYNTHESE D'UREE**
[72] SCOTTO, ANDREA, CH
[71] CASALE SA, CH
[85] 2015-01-20
[86] 2013-07-03 (PCT/EP2013/064045)
[87] (WO2014/016090)
[30] EP (12178262.7) 2012-07-27

[21] **2,879,568**
[13] A1

[51] **Int.Cl. B25B 5/00 (2006.01) B25B 5/10 (2006.01)**
[25] EN
[54] **BAR CLAMP AND BAR CLAMP ASSEMBLY**
[54] **PINCE A BARRES ET ENSEMBLE DE PINCES A BARRES**
[72] BEAUREGARD, GEORGES, CA
[71] DAMSTOM INC., CA
[85] 2015-01-20
[86] 2013-07-26 (PCT/CA2013/050585)
[87] (WO2014/015441)
[30] US (61/676,003) 2012-07-26

[21] **2,879,569**
[13] A1

[51] **Int.Cl. B65G 23/00 (2006.01)**
[25] EN
[54] **HEADSHAFT**
[54] **ARBRE DE COMMANDE**
[72] SELLE, WILLIAM H., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2015-01-19
[86] 2013-03-15 (PCT/US2013/032324)
[87] (WO2014/025408)
[30] US (61/681,191) 2012-08-09

[21] **2,879,570**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MUTATIONS ASSOCIATED WITH RESISTANCE TO INHIBITORS OF BRUTON'S TYROSINE KINASE (BTK)**
[54] **MUTATIONS ASSOCIEES A LA RESISTANCE A DES INHIBITEURS DE LA TYROSINE KINASE DE BRUTON (BTK)**
[72] CHANG, BETTY Y., US
[72] BUGGY, JOSEPH J., US
[72] STEGGERDA, SUSANNE M., US
[71] PHARMACYCLICS, INC., US
[85] 2015-01-19
[86] 2013-07-23 (PCT/US2013/051741)
[87] (WO2014/018567)
[30] US (61/675,303) 2012-07-24
[30] US (61/682,688) 2012-08-13
[30] US (61/780,652) 2013-03-13

[21] **2,879,571**
[13] A1

[51] **Int.Cl. H04N 7/18 (2006.01) H04N 21/274 (2011.01) H04N 5/765 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING VIDEO ANALYTICS RESULTS**
[54] **SYSTEME ET METHODE DE GESTION DE RESULTATS D'ANALYTIQUE VIDEO**
[72] BLACK, CHARLES, CA
[72] BLAIS, PASCAL, CA
[72] LAGANIERE, ROBERT, CA
[72] PHILLIPS, JASON, CA
[71] IWATCHLIFE INC., CA
[85] 2015-01-20
[86] 2013-07-19 (PCT/CA2013/050563)
[87] (WO2014/012186)
[30] US (61/674,074) 2012-07-20

[21] **2,879,573**
[13] A1

[51] **Int.Cl. H01L 51/48 (2006.01) H01L 51/42 (2006.01)**
[25] EN
[54] **MULTIJUNCTION ORGANIC PHOTOVOLTAICS INCORPORATING SOLUTION AND VACUUM DEPOSITED ACTIVE LAYERS**
[54] **DISPOSITIFS PHOTOVOLTAIQUES ORGANIQUES MULTIJONCTION INCORPORANT DES COUCHES ACTIVES DEPOSEES EN SOLUTION ET SOUS VIDE**
[72] FORREST, STEPHEN R., US
[72] LASSITER, BRIAN, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051354)
[87] (WO2014/015288)
[30] US (61/673,604) 2012-07-19

[21] **2,879,574**
[13] A1

[51] **Int.Cl. C11D 3/37 (2006.01) C02F 5/10 (2006.01) C11D 17/00 (2006.01) C08G 63/12 (2006.01)**
[25] EN
[54] **USE OF BRANCHED POLYESTERS BASED ON CITRIC ACID AS ADDITIVE IN WASHING COMPOSITIONS, CLEANERS, DETERGENTS OR A FORMULATION FOR WATER TREATMENT**
[54] **UTILISATION DE POLYESTERS RAMIFIES A BASE D'ACIDE CITRIQUE COMME ADDITIF DANS DES DETERGENTS, PRODUITS DE NETTOYAGE, PRODUITS LESSIVIELS OU UNE FORMULATION POUR LE TRAITEMENT DE L'EAU**
[72] DETERING, JURGEN, DE
[72] HABERECHT, MONIKA, DE
[72] MULLER-CRISTADORO, ANNA, DE
[72] WEBER, HEIKE, DE
[71] BASF SE, DE
[85] 2015-01-20
[86] 2013-07-15 (PCT/EP2013/064877)
[87] (WO2014/016148)
[30] EP (12177751.0) 2012-07-25

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[51] Int.Cl. E21B 47/16 (2006.01) E21B 17/00 (2006.01)	[51] Int.Cl. C12N 15/38 (2006.01) A61K 39/245 (2006.01) C07K 14/045 (2006.01)	[51] Int.Cl. C10G 1/06 (2006.01) B01J 8/02 (2006.01) B01J 8/22 (2006.01) C10G 1/00 (2006.01) C10G 1/08 (2006.01) C10L 1/02 (2006.01)
[25] EN	[25] EN	[25] EN
[54] INFORMATION TRANSMISSION APPARATUS FOR LOGGING WHILE DRILLING	[54] AN MVA VACCINE FOR DELIVERY OF A UL128 COMPLEX AND PREVENTING CMV INFECTION	[54] BIOMASS CONVERSION SYSTEMS CONTAINING A MOVING BED CATALYST FOR STABILIZATION OF A HYDROLYSATE AND METHODS FOR USE THEREOF
[54] APPAREIL DE TRANSMISSION D'INFORMATIONS DE DIAGRAPHIE EN COURS DE FORAGE	[54] VACCIN MVA POUR L'ADMINISTRATION D'UN COMPLEXE UL128 ET LA PREVENTION D'UNE INFECTION PAR CMV	[54] SYSTEMES DE CONVERSION DE BIOMASSE CONTENANT UN CATALYSEUR A LIT MOBILE POUR LA STABILISATION D'UN HYDROLYSAT ET LEURS PROCEDES D'UTILISATION
[72] LIU, GUANGHUA, CN	[72] DIAMOND, DON J., US	[72] KOMPLIN, GLENN CHARLES, US
[72] ZOU, LIANYANG, CN	[72] WUSSOW, FELIX, US	[72] POWELL, JOSEPH BROUN, US
[72] LIU, XINLI, CN	[72] BARRY, PETER A., US	[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[72] HUANG, YANFU, CN	[71] CITY OF HOPE, US	[85] 2015-01-19
[72] TAO, SHIKAI, CN	[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US	[86] 2013-07-24 (PCT/US2013/051834)
[72] YANG, WENJING, CN	[85] 2015-01-19	[87] (WO2014/018639)
[72] YANG, GUOXING, CN	[86] 2013-03-15 (PCT/US2013/032554)	[30] US (61/676,846) 2012-07-27
[72] SHI, HONGJIANG, CN	[87] (WO2014/018117)	
[72] LI, TIEJUN, CN	[30] US (61/676,846) 2012-07-27	
[72] WANG, CHEN, CN		
[72] SHI, QIAN, CN		
[72] SUN, CHENGQIN, CN		
[72] ZHANG, CHUNHUA, CN		
[72] ZHOU, ZHIYONG, CN		
[72] PAN, XINGMING, CN		
[72] WU, QINGKUI, CN		
[72] LI, ZHANGJIAN, CN		
[71] CHINA NATIONAL PETROLEUM CORPORATION, CN		
[71] CNPC DRILLING RESEARCH INSTITUTE, CN		
[71] BEIJING PETROLEUM MACHINERY FACTORY, CN		
[85] 2015-01-20		
[86] 2013-06-18 (PCT/CN2013/000713)		
[87] (WO2014/012349)		
[30] CN (201210253592.9) 2012-07-20		
	[21] 2,879,578 [13] A1	
	[51] Int.Cl. H02M 1/32 (2007.01)	
	[25] EN	
	[54] OVERLOAD LIMITATION IN PEAK POWER OPERATION	
	[54] LIMITATION DE SURCHARGE EN FONCTIONNEMENT DE PUISSANCE DE CRETE	
	[72] SIEMASZKO, DANIEL, CH	
	[72] ECKERLE, JOHN, CH	
	[72] DOUZDOUZANI, ATA, CH	
	[72] RUETTEN, KLAUS, DE	
	[71] ABB TECHNOLOGY AG, CH	
	[85] 2015-01-20	
	[86] 2013-07-18 (PCT/EP2013/065155)	
	[87] (WO2014/019860)	
	[30] EP (12179165.1) 2012-08-03	
		[21] 2,879,581 [13] A1
		[51] Int.Cl. A61F 2/01 (2006.01)
		[25] EN
		[54] DUAL NET VASCULAR FILTRATION DEVICES AND RELATED SYSTEMS AND METHODS
		[54] DISPOSITIFS DE FILTRATION VASCULAIRE A FILET DOUBLE ET SYSTEMES ET PROCEDES ASSOCIES
		[72] CULLY, EDWARD H., US
		[72] DUNCAN, JEFFREY B., US
		[72] VONESH, MICHAEL J., US
		[71] W.L. GORE & ASSOCIATES, INC., US
		[85] 2015-01-19
		[86] 2013-08-09 (PCT/US2013/054303)
		[87] (WO2014/026094)
		[30] US (61/682,102) 2012-08-10
		[30] US (13/961,503) 2013-08-07

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[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) G02F 1/17 (2006.01)**
[25] EN
[54] **SWITCHABLE ELECTRICAL COMPOSITE PANE ARRANGEMENT**
[54] **VITRAGE COMPOSITE ELECTRIQUE COMMUTABLE**
[72] VON DER WEIDEN, INGO, DE
[72] SZNERSKI, ANDREAS, DE
[72] PENNERS, FRANZ, DE
[72] MENNIG, JULIUS, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-01-20
[86] 2013-06-28 (PCT/EP2013/063628)
[87] (WO2014/023475)
[30] EP (12179771.6) 2012-08-09

[21] **2,879,583**
[13] A1

[51] **Int.Cl. C07C 277/08 (2006.01) A23L 1/305 (2006.01) A61K 31/22 (2006.01) A61K 31/7024 (2006.01) A61P 21/00 (2006.01) A61P 25/16 (2006.01) C07C 279/14 (2006.01) C07C 279/20 (2006.01) C07H 13/04 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING CREATINE FATTY ESTERS, CREATINE FATTY ESTERS THUS PREPARED AND USES THEREOF**
[54] **PROCEDE DE PREPARATION D'ESTERS GRAS DE CREATINE, ESTERS GRAS DE CREATINE AINSI PREPARES ET LEURS UTILISATIONS**
[72] DEZARD, SOPHIE, FR
[72] TARAN, FREDERIC, FR
[72] TROTIER-FAURION, ALEXANDRA, FR
[72] MABONDZO, ALOISE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2015-01-20
[86] 2013-07-17 (PCT/EP2013/065109)
[87] (WO2014/019855)
[30] EP (12352002.5) 2012-07-30

[21] **2,879,586**
[13] A1

[51] **Int.Cl. G02C 13/00 (2006.01)**
[25] FR
[54] **METHOD FOR MEASURING THE GEOMETRIC MORPHOMETRIC PARAMETERS OF A PERSON WEARING GLASSES**
[54] **PROCEDE DE MESURE DE PARAMETRES MORPHO-GEOMETRIQUES D'UN INDIVIDU PORTEUR DE LUNETTES**
[72] DIVO, FABIEN, FR
[72] PINAULT, PHILIPPE, FR
[72] CONDAT, CHRISTOPHE, FR
[72] HADDADI, AHMED, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2015-01-20
[86] 2013-07-18 (PCT/FR2013/051746)
[87] (WO2014/016502)
[30] FR (1257167) 2012-07-24

[21] **2,879,587**
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/06 (2006.01)**
[25] EN
[54] **MORTAR COMPOSITION**
[54] **COMPOSITION DE MORTIER**
[72] GRISONI, LUCA, IT
[71] SIKA TECHNOLOGY AG, CH
[85] 2015-01-20
[86] 2013-07-11 (PCT/EP2013/064653)
[87] (WO2014/016131)
[30] EP (12178001.9) 2012-07-26

[21] **2,879,589**
[13] A1

[51] **Int.Cl. A61K 31/54 (2006.01)**
[25] EN
[54] **COMPOUNDS THAT ARE S1P MODULATING AGENTS AND/OR ATX MODULATING AGENTS**
[54] **COMPOSES ETANT DES AGENTS DE MODULATION DE S1P ET/OU DES AGENTS DE MODULATION D'ATX**
[72] GUCKIAN, KEVIN, US
[72] KUMARAVEL, GNANASAMBANDAM, US
[72] MA, BIN, US
[72] MI, SHA, US
[72] PENG, HAIRUO, US
[72] SHAO, ZHAOHUI, US
[72] SUN, LIHONG, US
[72] TAVERAS, ARTHUR, US
[72] XIN, ZHILI, US
[72] ZHANG, LEI, US
[71] BIOGEN IDEC MA INC., US
[85] 2015-01-19
[86] 2013-07-26 (PCT/US2013/052329)
[87] (WO2014/018891)
[30] US (61/676,692) 2012-07-27

[21] **2,879,591**
[13] A1

[51] **Int.Cl. A47J 43/10 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **ROTOR WITH A FREEWHEEL**
[54] **ROTOR A ROUE LIBRE**
[72] RIEDE, HANS-JURGEN, CH
[71] SWIZZPROZZ VERTRIEBS AG, CH
[85] 2015-01-20
[86] 2013-07-17 (PCT/EP2013/065102)
[87] (WO2014/016183)
[30] CH (01234/12) 2012-07-24

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[21] **2,879,592**
[13] A1

[51] **Int.Cl. A61K 31/715 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **POLYSACCHARIDE COMPOSITIONS AND METHODS OF USE**

[54] **COMPOSITIONS DE POLYSACCHARIDE ET PROCEDES D'UTILISATION**

[72] PIER, GERALD B., US

[72] CYWES-BENTLEY, COLETTE, US

[72] SKURNIK, DAVID, US

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

[85] 2015-01-19

[86] 2013-05-30 (PCT/US2013/043283)

[87] (WO2013/181348)

[30] US (61/653,389) 2012-05-30

[30] US (61/827,661) 2013-05-26

[21] **2,879,593**
[13] A1

[51] **Int.Cl. B23B 31/107 (2006.01) A61C 9/00 (2006.01) A61C 11/08 (2006.01) F16M 11/04 (2006.01)**

[25] EN

[54] **COUPLING DEVICE**

[54] **DISPOSITIF D'ACCOUPLEMENT**

[72] GEIER, ANDREAS, IT

[72] JAIDER, ELIAS, IT

[71] ZFX GMBH, DE

[85] 2015-01-20

[86] 2013-07-17 (PCT/EP2013/065115)

[87] (WO2014/016186)

[30] EP (12178337.7) 2012-07-27

[21] **2,879,595**
[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/4985 (2006.01) A61K 31/5025 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **DERIVATIVES OF AZAINDAZOLE OR DIAZAINDAZOLE TYPE FOR TREATING PAIN**

[54] **DERIVES DE TYPE AZA-INDAZOLE OU DIAZA-INDAZOLE POUR LE TRAITEMENT DE LA DOULEUR**

[72] SOKOLOFF, PIERRE, FR

[72] CACHOUX, FREDERIC, FR

[71] PIERRE FABRE MEDICAMENT, FR

[85] 2015-01-20

[86] 2013-07-29 (PCT/EP2013/065907)

[87] (WO2014/016433)

[30] EP (12305922.2) 2012-07-27

[21] **2,879,596**
[13] A1

[51] **Int.Cl. A61B 3/107 (2006.01)**

[25] EN

[54] **APPARATUS FOR MEASURING THE TOPOGRAPHY AND THICKNESS OF THE CORNEA AND MEASURING METHOD USED**

[54] **APPAREIL DE MESURE DE LA TOPOGRAPHIE ET DE L'EPAISSEUR DE LA CORNEE ET PROCEDE DE MESURE UTILISE**

[72] MARCOS MUNOZ, JUAN JOSE, ES

[71] DAVALOR CONSULTORIA ESTRATEGICA Y TECNOLOGICA, S.L., ES

[85] 2015-01-20

[86] 2013-07-03 (PCT/ES2013/070467)

[87] (WO2014/016454)

[30] ES (P201231191) 2012-07-25

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **LIPOSOME FORMULATIONS**

[54] **FORMULATIONS LIPOSOMALES**

[72] SANTOS, ARTURO, MX

[72] FROST, PHILLIP, US

[71] OPKO PHARMACEUTICALS, LLC, US

[85] 2015-01-19

[86] 2013-08-15 (PCT/US2013/055084)

[87] (WO2014/031429)

[30] US (61/691,455) 2012-08-21

[30] US (61/791,693) 2013-03-15

[30] US (61/862,300) 2013-08-05

[21] **2,879,599**
[13] A1

[51] **Int.Cl. E04H 1/00 (2006.01) E04B 1/343 (2006.01) E04H 5/02 (2006.01) H05K 7/14 (2006.01)**

[25] EN

[54] **DATA CENTRE**

[54] **CENTRE DE DONNEES**

[72] ROGERS, PAUL, GB

[71] BRIPCO BVBA, BE

[85] 2015-01-20

[86] 2012-08-03 (PCT/GB2012/051894)

[87] (WO2013/021182)

[30] GB (1113556.3) 2011-08-05

[21] **2,879,600**
[13] A1

[51] **Int.Cl. C22B 23/00 (2006.01) C22B 3/04 (2006.01) C22B 3/44 (2006.01)**

[25] EN

[54] **HYDROMETALLURGICAL PROCESS FOR NICKEL OXIDE ORE**

[54] **PROCEDE DE FUSION DE MINERAI D'OXYDE DE NICKEL EN VOIE HUMIDE**

[72] HATTORI, YASUMASA, JP

[72] KAN, YASUMASA, JP

[72] WATANABE, HIDETOSHI, JP

[71] SUMITOMO METAL MINING CO., LTD., JP

[85] 2015-01-20

[86] 2013-02-12 (PCT/JP2013/053206)

[87] (WO2014/125558)

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[21] **2,879,601**
[13] A1

[51] **Int.Cl. G01N 33/49 (2006.01)**
[25] EN
[54] **DEVICE FOR MONITORING SPATIAL COAGULATION OF BLOOD AND OF COMPONENTS THEREOF**
[54] **DISPOSITIF DE CONTROLE DE LA COAGULATION TRIDIMENSIONNELLE DU SANG ET DE SES COMPOSANTS**
[72] ATAULLAKHANOV, FAZOIL INOYATOVICH, RU
[72] SARBASH, VASILII IVANOVICH, RU
[72] PANTELEEVA, MIKHAIL ALEKSANDROVICH, RU
[72] KARAMZIN, SERGEY SERGEEVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU «GEMATOLOGICHESKAYA KORPORATSIYA», RU
[85] 2015-01-20
[86] 2013-07-09 (PCT/EA2013/000007)
[87] (WO2014/026697)
[30] EA (201201022) 2012-08-15

[21] **2,879,602**
[13] A1

[51] **Int.Cl. B26B 19/46 (2006.01)**
[25] EN
[54] **SHAVING OR HAIR TRIMMING DEVICE**
[54] **DISPOSITIF DE RASAGE OU DE TAILLE DES CHEVEUX**
[72] DARWINKEL, GEERT-JAN, NL
[72] PETRELLI, MARCUS CORNELIS, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2015-01-20
[86] 2014-01-16 (PCT/IB2014/058324)
[87] (WO2014/115066)
[30] EP (13152848.1) 2013-01-28
[30] EP (13163282.0) 2013-04-11

[21] **2,879,603**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/4045 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **ORAL DOSAGE FORMS FOR MODIFIED RELEASE COMPRISING RUXOLITINIB**
[54] **FORMES GALENIQUES ORALES DESTINEES A UNE LIBERATION MODIFIEE COMPRENANT DU RUXOLITINIB**
[72] STEFAN, RALPH, DE
[72] SIEVERT, FRANK, DE
[72] RIMKUS, KATRIN, DE
[71] RATIOPHARM GMBH, DE
[85] 2015-01-20
[86] 2013-07-25 (PCT/EP2013/065771)
[87] (WO2014/016396)
[30] EP (12005485.3) 2012-07-27

[21] **2,879,604**
[13] A1

[51] **Int.Cl. E06B 5/16 (2006.01) E04B 1/94 (2006.01) E06B 3/70 (2006.01)**
[25] EN
[54] **GYPSUM COMPOSITES USED IN FIRE RESISTANT BUILDING COMPONENTS**
[54] **COMPOSITES DE PLATRE UTILISES DANS DES COMPOSANTS DE CONSTRUCTION RESISTANTS AU FEU**
[72] DANIELS, EVAN R., US
[72] NEWTON, JONATHAN, US
[71] INTELLECTUAL GORILLA B.V., NL
[85] 2015-01-19
[86] 2013-06-28 (PCT/US2013/048712)
[87] (WO2014/005091)
[30] US (13/538,828) 2012-06-29
[30] US (13/538,788) 2012-06-29
[30] US (13/603,405) 2012-09-04
[30] US (13/610,542) 2012-09-11

[21] **2,879,606**
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A01N 43/54 (2006.01) A01P 17/00 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) C07D 213/74 (2006.01) C07D 239/47 (2006.01) C07D 239/48 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01) C07D 487/10 (2006.01)**
[25] EN
[54] **SUBSTITUTED AZINES AS PESTICIDES**
[54] **AZINES SUBSTITUEES COMME PESTICIDES**
[72] GAUVRY, NOELLE, CH
[72] PAUTRAT, FRANCOIS, CH
[71] NOVARTIS AG, CH
[85] 2015-01-20
[86] 2013-08-06 (PCT/EP2013/066465)
[87] (WO2014/023723)
[30] CH (01297/12) 2012-08-08

[21] **2,879,607**
[13] A1

[51] **Int.Cl. B24B 3/34 (2006.01) B23B 27/14 (2006.01) B23B 27/20 (2006.01) B24B 41/06 (2012.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING CUBIC BORON NITRIDE CUTTING TOOL AND CUBIC BORON NITRIDE CUTTING TOOL**
[54] **PROCEDE DE FABRICATION D'UN OUTIL DE COUPE AU CBN ET OUTIL DE COUPE AU CBN**
[72] WATANOBE, NAOKI, JP
[72] OKAMURA, KATSUMI, JP
[72] YONEKURA, HIROKI, JP
[72] KOROJI, YOSUKE, JP
[71] SUMITOMO ELECTRIC HARDMETAL CORP., JP
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[86] 2013-12-27 (PCT/JP2013/085028)
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[30] JP (2013-071821) 2013-03-29

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[25] EN
[54] **CUSTOM PROCEDURE KIT
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[72] ADLER, DEBORAH, US
[72] HAINES, KIM, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2015-01-19
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[25] EN
[54] **DETERMINATION OF
SUBSURFACE PROPERTIES OF A
WELL**
[54] **DETERMINATION DE
PROPRIETES SOUTERRAINES
D'UN Puits**
[72] STORM, BRUCE H., JR., US
[72] ZHANG, BARRY FEN, US
[72] MATULA, CHARLES PERRY, US
[71] QUANTICO ENERGY SOLUTIONS,
LLC, US
[85] 2015-01-19
[86] 2013-07-11 (PCT/US2013/050003)
[87] (WO2014/014727)
[30] US (13/554,430) 2012-07-20

[21] **2,879,612**
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01)**
[25] EN
[54] **AXIS MAINTENANCE
APPARATUS, SYSTEMS, AND
METHODS**
[54] **APPAREIL, SYSTEMES ET
PROCEDES DE MAINTIEN D'AXE**
[72] CHANG, CHUNG, US
[71] HALLIBURTON ENERGY
SERVICES, INC., US
[85] 2015-01-20
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[25] EN
[54] **COKE CATCHER**
[54] **PIEGE A COKE**
[72] DE HAAN, STEPHEN, US
[72] TAM, PETER KIN-LEE, US
[71] LUMMUS TECHNOLOGY INC., US
[85] 2015-01-19
[86] 2013-07-11 (PCT/US2013/050013)
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[30] US (13/554,460) 2012-07-20

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[25] EN
[54] **CONTINUOUS CULTIVATION
SYSTEM FOR ORGANIC
GINSENG USING MULTILEVEL
CULTIVATION TABLES**
[54] **SYSTEME DE CULTURE
CONTINUE DE GINSENG BIO AU
MOYEN DE TABLES DE
CULTURE A PLUSIEURS
NIVEAUX**
[72] KWON, TAE RYONG, KR
[72] JANG, MYEONG HWAN, KR
[72] CHOI, JIN KOOK, KR
[72] AHN, DEOK JONG, KR
[72] JUNG, WON KWON, KR
[71] KYONGSANGBUK-DO
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[85] 2015-01-20
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[87] (WO2014/046433)
[30] KR (10-2012-0105150) 2012-09-21

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[13] A1

[51] **Int.Cl. C04B 33/138 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING
METAL IONS FROM RED MUD
BY SONICATON**
[54] **PROCEDE D'EXTRACTION
D'IONS METALLIQUES A PARTIR
DE BOUE ROUGE A L'AIDE
D'ONDES ULTRASONORES**
[72] LEE, CHI-HUN, KR
[72] KO, MI-NYUN, KR
[71] LEE, CHI-HUN, KR
[71] KO, MI-NYUN, KR
[85] 2015-01-20
[86] 2013-04-26 (PCT/KR2013/003622)
[87] (WO2014/030821)
[30] KR (10-2012-0092355) 2012-08-23

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[25] EN
[54] **ALKYLPYRIMIDINE
DERIVATIVES FOR THE
TREATMENT OF VIRAL
INFECTIONS AND FURTHER
DISEASES**
[54] **DERIVES D'ALKYLPYRIMIDINE
POUR LE TRAITEMENT
D'INFECTIONS VIRALES ET
D'AUTRES MALADIES**
[72] MC GOWAN, DAVID CRAIG, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE
BERNARD, BE
[71] JANSSEN SCIENCES IRELAND UC,
IE
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[86] 2013-08-09 (PCT/EP2013/066673)
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[25] EN
[54] **MULTISIGNAL REAGENTS FOR LABELING ANALYTES**
[54] **REACTIFS MULTISIGNAUX POUR LE MARQUAGE D'ANALYTES**
[72] COLEMAN, JACK, US
[72] SZCZEPANIK, MACIEJ, US
[72] JIN, RICHARD, US
[71] ENZO LIFE SCIENCES, INC., US
[85] 2015-01-19
[86] 2013-07-12 (PCT/US2013/050202)
[87] (WO2014/018278)
[30] US (13/556,304) 2012-07-24

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[13] A1

[51] **Int.Cl. A45D 44/00 (2006.01) A45D 44/22 (2006.01)**
[25] EN
[54] **LIP ENHANCEMENT AND ENLARGEMENT DEVICE**
[54] **DISPOSITIF D'AMELIORATION ET D'ELARGISSEMENT DE LEVRE**
[72] HO, THIENNA, US
[71] HO, THIENNA, US
[85] 2015-01-20
[86] 2012-08-16 (PCT/US2012/051092)
[87] (WO2013/025879)
[30] US (61/524,157) 2011-08-16
[30] US (13/586,758) 2012-08-15

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[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/551 (2006.01) A61P 31/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/12 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 471/14 (2006.01) C07D 498/04 (2006.01) C07D 498/14 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NEW ANTIBACTERIAL COMPOUNDS**
[54] **NOUVEAUX COMPOSES ANTIBACTERIENS**
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] LANCOIS, DAVID FRANCIS ALAIN, FR
[72] MOTTE, MAGALI MADELEINE SIMONE, FR
[72] BALEMANS, WENDY MIA ALBERT, BE
[72] WEIDNER, STEFFEN FRIEDRICH WALTER, FR
[72] MC GOWAN, DAVID CRAIG, BE
[72] KOUL, ANIL, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2015-01-20
[86] 2013-08-09 (PCT/EP2013/066679)
[87] (WO2014/023814)
[30] EP (12180100.5) 2012-08-10

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[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01)**
[25] EN
[54] **CULTURE MEDIUM COMPOSITION, AND METHOD FOR CULTURING CELL OR TISSUE USING SAID COMPOSITION**
[54] **COMPOSITION DE TYPE MILIEU DE CULTURE, ET PROCEDE DE CULTURE D'UNE CELLULE OU D'UN TISSUE L'UTILISANT**
[72] NISHINO, TAITO, JP
[72] KANAKI, TATSURO, JP
[72] OTANI, AYAKO, JP
[72] SARUHASHI, KOICHIRO, JP
[72] TOMURA, MISAYO, JP
[72] IWAMA, TAKEHISA, JP
[72] HORIKAWA, MASATO, JP
[72] NAKATSUJI, NORIO, JP
[72] OTSUJI, TOMOMI, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[71] KYOTO UNIVERSITY, JP
[85] 2015-01-20
[86] 2013-07-24 (PCT/JP2013/070001)
[87] (WO2014/017513)
[30] JP (2012-164227) 2012-07-24
[30] JP (2012-263801) 2012-11-30
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[25] EN
[54] **METHODS FOR UPGRADING OF CONTAMINATED HYDROCARBON STREAMS**
[54] **PROCEDES DE VALORISATION DE FLUX HYDROCARBONES CONTAMINES**
[72] LITZ, KYLE, E., US
[72] VREELAND, JENNIFER, L., US
[72] RANKIN, JONATHAN, P., US
[72] ROSSETTI, MARK, N., US
[72] JORDAN, TRACEY, M., US
[72] MCCASKILL, TRENT, A., US
[71] AUTERRA, INC., US
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[86] 2012-12-18 (PCT/US2012/070243)
[87] (WO2014/018082)
[30] US (13/560,584) 2012-07-27

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[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/06 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD AND COMPUTER READABLE MEDIUM FOR A MULTIFUNCTIONAL INTERACTIVE DICTIONARY DATABASE FOR REFERENCING POLYSEMOUS SYMBOL SEQUENCES**
[54] **APPAREIL, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR POUR BASE DE DONNEES DE DICTIONNAIRE INTERACTIVE MULTIFONCTION SERVANT A REFERENCER DES SEQUENCES DE SYMBOLES POLYSEMIQUES**
[72] BAKER, BRUCE R., US
[72] CONTI, ROBERT V., US
[72] CROSS, RUSSELL T., US
[72] KOVACS, THOMAS R., US
[72] HALLORAN, CINDY C., US
[72] HALLORAN, JOHN D., US
[72] HERSHBERGER, DAVID H., US
[72] HILL, KATYA J., US
[72] READ, ROB, US
[71] SEMANTIC COMPACTION SYSTEMS, INC., US
[85] 2015-01-20
[86] 2013-07-26 (PCT/US2013/052232)
[87] (WO2014/018845)
[30] US (61/676,491) 2012-07-27
[30] US (13/826,661) 2013-03-14

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[13] A1

[51] **Int.Cl. A01K 13/00 (2006.01)**
[25] EN
[54] **GROOMING DEVICE**
[54] **DISPOSITIF DE TOILETTAGE**
[72] HARRIS, JOHN ROBERT, II, US
[71] HARRIS, JOHN ROBERT, II, US
[85] 2015-01-20
[86] 2013-07-23 (PCT/US2013/051672)
[87] (WO2014/018526)
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[13] A1

[51] **Int.Cl. G07F 19/00 (2006.01)**
[25] EN
[54] **USER TERMINAL CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE TERMINAL UTILISATEUR**
[72] SWINFEN, RICHARD, GB
[71] I-DESIGN MULTI MEDIA LIMITED, GB
[85] 2015-01-20
[86] 2013-07-23 (PCT/GB2013/051962)
[87] (WO2014/016582)
[30] GB (1213072.0) 2012-07-23

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[13] A1

[51] **Int.Cl. E21B 21/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO TEST A PROPERTY OF A FLUID**
[54] **APPAREIL ET PROCEDE POUR TESTER UNE PROPRIETE D'UN FLUIDE**
[72] NZEADIBE, KINGSLEY IHUEZE, US
[72] MATTHEWS, KENNETH HEIDT, III, US
[72] JAMISON, DALE EUGENE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-19
[86] 2013-07-16 (PCT/US2013/050667)
[87] (WO2014/018310)
[30] US (13/557,570) 2012-07-25

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[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSESSING VIEWER INTEREST IN CONTENT AND ADVERTISEMENTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EVALUER L'INTERET D'UN SPECTATEUR POUR UN CONTENU ET DES ANNONCES PUBLICITAIRES**
[72] CARD, JOHN, II, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2015-01-20
[86] 2013-07-26 (PCT/US2013/052364)
[87] (WO2014/018908)
[30] US (13/560,697) 2012-07-27

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[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) C07K 14/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT VITILIGO**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DU VITILIGO**
[72] BACUS, SARAH, US
[72] MORAN, DIARMUID, US
[71] BACUS, SARAH, US
[71] MORAN, DIARMUID, US
[85] 2015-01-20
[86] 2013-06-26 (PCT/US2013/047930)
[87] (WO2014/004692)
[30] US (61/664,481) 2012-06-26

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[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **OPTICAL TROCAR VISUALIZATION SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE VISUALISATION DE TROCART OPTIQUE**
[72] HOLSTEN, HENRY, US
[72] SMITH, ROBERT, US
[72] EVANS, CHRISTOPHER, US
[71] COVIDIEN LP, US
[85] 2015-01-20
[86] 2013-09-26 (PCT/US2013/061831)
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[30] US (61/707,271) 2012-09-28
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[30] US (61/707,293) 2012-09-28

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[51] **Int.Cl. G01N 21/64 (2006.01)**
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[54] **REAL-TIME OPTICAL SYSTEM FOR POLYMERASE CHAIN REACTION**
[54] **SYSTEME OPTIQUE EN TEMPS REEL POUR REACTION EN CHAINE PAR POLYMERASE**
[72] KREIFELS, MATTHEW R., US
[72] WHITNEY, SCOTT E., US
[72] TERMAAT, JOEL R., US
[71] STRECK, INC., US
[85] 2015-01-16
[86] 2013-03-15 (PCT/US2013/031910)
[87] (WO2014/025398)
[30] US (61/681,879) 2012-08-10
[30] US (61/752,494) 2013-01-15

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[13] A1
[51] **Int.Cl. G06K 19/02 (2006.01) G06K 19/06 (2006.01)**
[25] EN
[54] **WEIGHTED TRANSACTION CARD**
[54] **CARTE DE TRANSACTION PONDEREE**
[72] MOSTELLER, BARRY, US
[71] CPI CARD GROUP-COLORADO, INC., US
[85] 2015-01-20
[86] 2013-07-22 (PCT/US2013/051434)
[87] (WO2014/015329)
[30] US (61/674,143) 2012-07-20
[30] US (13/840,621) 2013-03-15

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[13] A1
[51] **Int.Cl. A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61P 13/00 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATION FOR REDUCING FREQUENCY OF URINATION AND METHOD OF USE THEREOF**
[54] **FORMULATION PHARMACEUTIQUE POUR REDUIRE LA FREQUENCE DE MICTION ET SON PROCEDE D'UTILISATION**
[72] DILL, DAVID A., US
[71] WELLESLEY PHARMACEUTICALS, LLC, US
[85] 2015-01-20
[86] 2013-06-26 (PCT/US2013/048616)
[87] (WO2014/018222)
[30] US (13/560,665) 2012-07-27
[30] US (13/800,761) 2013-03-13
[30] US (13/847,940) 2013-03-20

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[13] A1
[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04B 10/114 (2013.01) G07F 11/00 (2006.01) H04B 11/00 (2006.01) H04L 12/28 (2006.01) H05B 41/00 (2006.01)**
[25] EN
[54] **HOME NETWORK OF CONNECTED CONSUMER DEVICES**
[54] **RESEAU MERE DE DISPOSITIFS CLIENTS CONNECTES**
[72] APTE, RAJ B., US
[72] PAULSON, CHRISTOPHER, US
[72] HASENOEHL, ERIK JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-19
[86] 2013-07-17 (PCT/US2013/050837)
[87] (WO2014/015007)
[30] US (13/551,562) 2012-07-17

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[13] A1
[51] **Int.Cl. G01N 35/10 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR DISPENSING A SAMPLE INTO A BUFFER LIQUID**
[54] **SYSTEME POUR DISTRIBUER UN ECHANTILLON DANS UN LIQUIDE TAMPON**
[72] BERNDT, PETER, CH
[72] FATTINGER, CHRISTOF, CH
[72] STEINER, ROGER, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-20
[86] 2013-09-06 (PCT/EP2013/068474)
[87] (WO2014/037506)
[30] EP (12183365.1) 2012-09-06

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[13] A1
[51] **Int.Cl. B60C 11/03 (2006.01) B60C 11/11 (2006.01) B60C 11/13 (2006.01) B60C 13/00 (2006.01)**
[25] EN
[54] **TIRE WITH LAMINATE**
[54] **PNEUMATIQUE A STRATIFIE**
[72] STUCKEY, JON I., US
[72] CLEMMER, KATHLEEN, US
[72] JOHNSON, DAVID, US
[72] WALTERS, JACOB LEE, US
[72] BERZINS, MICHAEL A., US
[72] HOLMES, WILBUR EUGENE, III, US
[72] BUXTON, TODD ALAN, US
[72] WEATHERWAX, KENT DAVID, US
[72] KAHWAJI, AUTUMN T., US
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2015-01-20
[86] 2013-07-31 (PCT/US2013/052831)
[87] (WO2014/022463)
[30] US (61/678,075) 2012-07-31
[30] US (13/895,149) 2013-05-15

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[13] A1

[51] **Int.Cl. A61K 8/00 (2006.01) A61K 31/728 (2006.01) A61K 31/737 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING HYALURONIC ACID AND DERMATAN SULPHATE FOR THE TREATMENT OF BEING OVERWEIGHT AND OBESITY**

[54] **COMPOSITIONS COMPRENANT DE L'ACIDE HYALURONIQUE ET DU DERMATANE SULFATE POUR LE TRAITEMENT DU FAIT D'ETRE EN SURPOIDS ET DE L'OBESITE**

[72] ESCAICH FERRER, JOSEP, ES
[72] BONET PINA, MA LUISA, ES
[72] MARTINEZ PUIG, DANIEL, ES
[72] GRANADOS BORBOLLA, NURIA, ES

[72] REYNES MIRALLES, BARBARA, ES
[72] CHETRIT RUSSI, CARLES, ES
[72] PALOU OLIVER, ANDREU, ES
[71] BIOIBERICA, S.A., ES

[85] 2015-01-21
[86] 2013-07-22 (PCT/EP2013/065384)
[87] (WO2014/016233)
[30] ES (P 201231198) 2012-07-25

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[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) A24F 7/02 (2006.01)**

[25] EN

[54] **ELECTRONIC CIGARETTE**

[54] **CIGARETTE ELECTRONIQUE**

[72] LIU, QIUMING, CN
[71] KIMREE HI-TECH INC., VG

[85] 2015-01-21
[86] 2013-02-05 (PCT/CN2013/071370)
[87] (WO2014/015669)
[30] CN (PCT/CN2012/079036) 2012-07-23

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[13] A1

[51] **Int.Cl. A61K 31/5685 (2006.01) A61P 15/00 (2006.01) A61P 15/02 (2006.01) A61P 15/12 (2006.01)**

[25] EN

[54] **IMPROVEMENT OF SEXUAL AROUSAL, SEXUAL DESIRE, ORGASM AND/OR PLEASURE FOLLOWING INTRAVAGINAL PRASTERONE (DHEA) ADMINISTRATION IN WOMEN NOT SUFFERING OR INDEPENDENTLY FROM DYSpareunia OR OTHER SYMPTOMS OF VULVO-VAGINAL ATROPHY**

[54] **AMELIORATION DE L'EXCITATION SEXUELLE, DU DESIR SEXUEL, DE L'ORGASME ET/OU DU PLAISIR A LA SUITE D'UNE ADMINISTRATION DE PRASTERONE (DHA) INTRA VAGINALE CHEZ DES FEMMES NE SOUFFRANT PAS DE DYSpareunie OU D'AUTRES SYMPTOMES D'ATROPHIE VULVO-VAGINALE OU INDEPENDAMMENT DE CEUX-CI**

[72] LABRIE, FERNAND, CA
[71] ENDORECHERCHE, INC., CA

[85] 2015-01-21
[86] 2013-07-19 (PCT/CA2013/000654)
[87] (WO2014/015416)
[30] US (61/675,717) 2012-07-25
[30] US (13/942,977) 2013-07-16

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[13] A1

[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04B 10/114 (2013.01) G07F 11/00 (2006.01) H04B 11/00 (2006.01) H04L 12/28 (2006.01) H05B 41/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR NETWORKING CONSUMER DEVICES**

[54] **SYSTEMES ET PROCEDES DE MISE EN RESEAU DE DISPOSITIFS CLIENTS**

[72] APTE, RAJ B., US
[72] ISAACS, ELLEN, US
[72] PAULSON, CHRISTOPHER, US
[72] HASENOEHRL, ERIK JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2015-01-19
[86] 2013-07-17 (PCT/US2013/050839)
[87] (WO2014/015009)
[30] US (13/551,562) 2012-07-17

[21] **2,879,652**
[13] A1

[51] **Int.Cl. B60R 22/00 (2006.01)**

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[54] **BUS SEATING SYSTEM**

[54] **SYSTEME DE SIEGE DE BUS**

[72] CONLEY, CHAD, US
[72] JACQUAY, BRIAN, US
[72] WILSON, ERIK, US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US

[85] 2015-01-20
[86] 2013-07-08 (PCT/US2013/049524)
[87] (WO2014/035549)
[30] US (13/601,601) 2012-08-31

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[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **SAFENED HERBICIDAL COMPOSITIONS FOR USE IN RICE**
[54] **COMPOSITIONS HERBICIDES PHYTOPROTECTRICES DESTINEES A ETRE UTILISEES DANS LE RIZ**
[72] YERKES, CARLA N., US
[72] MANN, RICHARD K., US
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-19
[86] 2013-07-18 (PCT/US2013/051018)
[87] (WO2014/018358)
[30] US (61/674,993) 2012-07-24

[21] **2,879,655**
[13] A1

[51] **Int.Cl. B60N 2/42 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **PASSENGER SUITE SEATING ARRANGEMENT WITH MOVEABLE VIDEO MONITOR**
[54] **AGENCEMENT DE PLACES ASSISES D'UN SALON POUR PASSAGERS AYANT UN MONITEUR VIDEO MOBILE**
[72] HENSHAW, ROBERT J., US
[71] B/E AEROSPACE, INC., US
[85] 2015-01-20
[86] 2013-07-31 (PCT/US2013/052881)
[87] (WO2014/022484)
[30] US (61/678,170) 2012-08-01

[21] **2,879,660**
[13] A1

[51] **Int.Cl. E03F 5/10 (2006.01) G05D 7/01 (2006.01)**
[25] EN
[54] **METHOD OF CONFIGURING A VORTEX FLOW CONTROL DEVICE AND A VORTEX FLOW CONTROL DEVICE**
[54] **PROCEDE DE CONFIGURATION D'UN DISPOSITIF DE COMMANDE D'ECOULEMENT TOURBILLONNAIRE, ET DISPOSITIF DE COMMANDE D'ECOULEMENT TOURBILLONNAIRE**
[72] JARMAN, DANIEL STUART, GB
[72] ANDOH, ROBERT YAW GYAMFI, US

[72] LECORNU, PAUL, GB
[72] OSEI, KWABENA, US
[71] HYDRO INTERNATIONAL PLC, GB
[85] 2015-01-20
[86] 2013-07-25 (PCT/GB2013/051987)
[87] (WO2014/020314)
[30] GB (1213721.2) 2012-08-02

[21] **2,879,662**
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PUSHING INFORMATION**
[54] **METHODE ET DISPOSITIF DE POUSSEE D'INFORMATIONS**
[72] ZHAO, CHAO, CN
[72] WEN, PING, CN
[72] GAO, YANPING, CN
[72] CHU, YUQIANG, CN
[72] ZOU, HE, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-21
[86] 2013-07-25 (PCT/CN2013/080077)
[87] (WO2014/015808)
[30] CN (201210258830.5) 2012-07-25

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[51] **Int.Cl. B64C 21/02 (2006.01) B64C 9/24 (2006.01) B64C 21/06 (2006.01)**
[25] EN
[54] **AIRCRAFT WING WITH SYSTEM ESTABLISHING A LAMINAR BOUNDARY LAYER FLOW**
[54] **AILE D'AVION AVEC SYSTEME ETABLISSANT UN ECOULEMENT DE COUCHE LIMITE LAMINAIRE**
[72] ROLSTON, STEPHEN, GB
[71] AIRBUSGROUP LIMITED, GB
[85] 2015-01-20
[86] 2013-08-06 (PCT/GB2013/052098)
[87] (WO2014/023951)
[30] GB (1214199.0) 2012-08-08

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[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **SAFENED HERBICIDAL COMPOSITIONS INCLUDING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID**
[54] **COMPOSITIONS HERBICIDES PHYTOPROTECTRICES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE**
[72] BECKER, JOERG, DE
[72] SCHULZ, THOMAS, DE
[71] DOW AGROSCIENCES LLC, US
[85] 2015-01-19
[86] 2013-07-18 (PCT/US2013/051033)
[87] (WO2014/028165)
[30] US (61/674,990) 2012-07-24

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[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-ETBR ANTIBODIES AND IMMUNOCONJUGATES**
[54] **ANTICORPS ET IMMUNOCONJUGUES ANTI-ETBR**
[72] ASUNDI, JYOTI, US
[72] CLARK, SUZANNA, US
[72] POLAKIS, PAUL, US
[71] GENENTECH, INC., US
[85] 2015-01-20
[86] 2013-08-01 (PCT/US2013/053248)
[87] (WO2014/022679)
[30] US (61/678,916) 2012-08-02

[21] **2,879,668**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **MAPPING ENTITIES IN DATA MODELS**
[54] **MAPPAGE D'ENTITES DANS DES MODELES DE DONNEES**
[72] STANFILL, CRAIG W., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2015-01-16
[86] 2013-07-24 (PCT/US2013/051837)
[87] (WO2014/018641)
[30] US (61/675,053) 2012-07-24

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[13] A1

[51] **Int.Cl. C08G 73/02 (2006.01) C08F 8/00 (2006.01) C08F 20/00 (2006.01) C08J 3/24 (2006.01) D21H 21/20 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY WET STRENGTH RESINS FROM NEW CROSS-LINKERS**
[54] **RESINES A RESISTANCE ELEVEE A L'HUMIDITE PROVENANT DE NOUVEAUX AGENTS DE RETICULATION**
[72] RINGOLD, CLAY E., US
[72] HAGIOPOL, CORNEL, US
[72] JOHNSON, DEXTER C, US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2015-01-19
[86] 2013-07-18 (PCT/US2013/051050)
[87] (WO2014/015121)
[30] US (61/673,534) 2012-07-19

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **ANTI-ETBR ANTIBODIES AND IMMUNOCONJUGATES**
[54] **ANTICORPS ET IMMUNOCONJUGUES ANTI-ETBR**
[72] ASUNDI, JYOTI, US
[72] CLARK, SUZANNA, US
[72] POLAKIS, PAUL, US
[71] GENENTECH, INC., US
[85] 2015-01-20
[86] 2013-08-01 (PCT/US2013/053250)
[87] (WO2014/022680)
[30] US (61/678,913) 2012-08-02

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[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 20/00 (2006.01) C04B 28/04 (2006.01) C04B 40/06 (2006.01)**
[25] EN
[54] **ACCELERATED DRYING CONCRETE COMPOSITIONS AND METHODS OF MANUFACTURING THEREOF**
[54] **COMPOSITIONS DE BETON A SECHAGE ACCELERE ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] GUZZETTA, ALANA, US
[72] HENKENSIEFKEN, RYAN ALLEN, US
[72] TURPIN, RAYMOND C., JR., US
[71] U.S. CONCRETE, INC., US
[85] 2015-01-16
[86] 2013-07-19 (PCT/US2013/051356)
[87] (WO2014/015289)
[30] US (61/673,927) 2012-07-20
[30] US (61/709,428) 2012-10-04

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[13] A1

[51] **Int.Cl. C07H 15/26 (2006.01) A61K 31/7056 (2006.01) A61P 31/04 (2006.01) C07H 17/00 (2006.01) C07H 19/06 (2006.01)**
[25] EN
[54] **MULTIMERIC MANNOSIDES, A PROCESS FOR PREPARING THE SAME AND THEIR USES AS A DRUG**
[54] **MANNOSIDES MULTIMERIQUES, UN PROCEDE DE PREPARATION DE CEUX-CI ET LEURS UTILISATIONS EN TANT QUE MEDICAMENT**
[72] BOUCKAERT, JULIE, BE
[72] GOUIN, SEBASTIEN, FR
[72] DENIAUD, DAVID, FR
[72] BILYY, ROSTYSLAV, UA
[72] DUMYCH, TETIANA, UA
[72] SIVIGNON, ADELIN, FR
[72] DARFEUILLE-MICHAUD, ARLETTE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE NANTES, FR
[71] UNIVERSITE DE PICARDIE JULES VERNE, FR
[71] UNIVERSITE LILLE 1- SCIENCES ET TECHNOLOGIES, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE D'AUVERGNE, FR
[85] 2015-01-21
[86] 2013-07-24 (PCT/EP2013/065668)
[87] (WO2014/016361)
[30] EP (12305906.5) 2012-07-24

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[13] A1

[51] **Int.Cl. B65H 19/26 (2006.01) B65H 35/07 (2006.01)**

[25] EN

[54] **TURN-UP TAPE DELIVERY ASSEMBLY COMPRISING A DUAL CHANNEL TRACK FOR PAPER WEB TURN-UP SYSTEMS**

[54] **ENSEMBLE DISTRIBUTION DE RUBAN A REVERS COMPORTANT UNE GLISSIERE A DOUBLE CANAL POUR SYSTEMES DE REVERS DE BANDE DE PAPIER**

[72] RODRIGUEZ, PETER A., US
[72] RODRIGUEZ, JASON, US
[72] DOHOGNE, DENNIS, US
[71] RODRIGUEZ, PETER A., US
[85] 2015-01-16
[86] 2013-07-22 (PCT/US2013/051464)
[87] (WO2014/015332)
[30] US (61/674,002) 2012-07-20

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[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01) A01P 1/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHOD OF CONTROLLING PHYTOPARASITIC PEST POPULATIONS**

[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE LUTTER CONTRE DES POPULATIONS D'ORGANISMES PHYTOPARASITES**

[72] JACKSON, DAVID, GB
[72] SIMMONS, LEE JULIAN, US
[71] FBSCIENCES HOLDINGS, INC., US
[85] 2015-01-19
[86] 2013-07-18 (PCT/US2013/051072)
[87] (WO2014/015134)
[30] US (61/674,023) 2012-07-20

[21] **2,879,675**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01)**

[25] EN

[54] **APPARATUS, COMPUTER READABLE MEDIUM AND METHOD FOR EFFECTIVELY NAVIGATING POLYSEMOUS SYMBOLS ACROSS A PLURALITY OF LINKED ELECTRONIC SCREEN OVERLAYS, INCLUDING USE WITH VISUAL INDICATORS**

[54] **APPAREIL, SUPPORT LISIBLE PAR ORDINATEUR ET PROCEDE POUR NAVIGUER EFFICACEMENT DANS DES SYMBOLES POLYSEMIQUES A TRAVERS UNE PLURALITE DE RECOUVREMENTS D'ECRAN ELECTRONIQUE LIES, COMPRENANT UNE UTILISATION AVEC DES INDICATEURS VISUELS**

[72] BAKER, BRUCE R., US
[72] BUTLER, GLENNA L., US
[72] CROSS, RUSSELL T., US
[72] KOVACS, THOMAS R., US
[72] HALLORAN, CINDY C., US
[72] HALLORAN, JOHN D., US
[72] HERSHBERGER, DAVID H., US
[72] READ, ROB, US
[71] SEMANTIC COMPACTION SYSTEMS, INC., US
[85] 2015-01-16
[86] 2013-07-26 (PCT/US2013/052217)
[87] (WO2014/018839)
[30] US (61/676,491) 2012-07-27
[30] US (13/826,504) 2013-03-14
[30] US (13/827,156) 2013-03-14

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06T 15/00 (2011.01) G06T 17/00 (2006.01)**

[25] EN

[54] **THREE-DIMENSIONAL OBJECT BROWSING IN DOCUMENTS**

[54] **RECHERCHE D'OBJETS TRIDIMENSIONNELS DANS DES DOCUMENTS**

[72] ZWEIG, GEOFFREY G., US
[72] STOLLNITZ, ERIC J., US
[72] SZELISKI, RICHARD, US
[72] SINHA, SUDIPTA, US
[72] KOPF, JOHANNES, US
[71] MICROSOFT CORPORATION, US
[85] 2015-01-20
[86] 2013-08-02 (PCT/US2013/053323)
[87] (WO2014/025627)
[30] US (13/567,105) 2012-08-06

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[13] A1

[51] **Int.Cl. G01N 21/31 (2006.01) G01N 21/35 (2014.01) G01N 21/85 (2006.01) G01N 33/00 (2006.01) G06E 3/00 (2006.01)**

[25] EN

[54] **METHOD OF USING A HANDHELD CHARACTERISTIC ANALYZER**

[54] **PROCEDE D'UTILISATION D'UN ANALYSEUR PORTATIF DE CARACTERISTIQUES**

[72] TUNHEIM, OLA, NO
[72] WEBSTER, MARSHALL EDWARD, US
[72] WACHTEL, ALEXIS, II, US
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-19
[86] 2013-08-21 (PCT/US2013/056013)
[87] (WO2014/035767)
[30] US (13/600,355) 2012-08-31

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[13] A1

[51] **Int.Cl. B29C 70/16 (2006.01) F02K 1/68 (2006.01)**
[25] FR
[54] **COMPOSITE STRAP FOR CONNECTION BETWEEN TWO PARTS**
[54] **CHAPE EN COMPOSITE DE LIAISON ENTRE DEUX PIECES**
[72] LE BOULICAUT, LOIC, FR
[71] AIRCELLE, FR
[85] 2015-01-21
[86] 2013-07-26 (PCT/FR2013/051808)
[87] (WO2014/023890)
[30] FR (12/57651) 2012-08-07

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[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A23K 1/175 (2006.01) A61K 33/26 (2006.01)**
[25] EN
[54] **SOLID COMPOSITION COMPRISING IRON FOR USE IN IRON DEFICIENT CONDITIONS**
[54] **COMPOSITION SOLIDE COMPRENANT DU FER DESTINEE A ETRE UTILISEE DANS DES CONDITIONS DE CARENCE EN FER**
[72] LACORTE, ANDREA, IT
[72] TARANTINO, GERMANO, IT
[71] ALESCO S.R.L., IT
[85] 2015-01-21
[86] 2013-07-30 (PCT/IB2013/001659)
[87] (WO2014/009806)
[30] IT (MI2012A001350) 2012-07-31

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[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01) C12N 9/14 (2006.01)**
[25] EN
[54] **METHODS FOR INCREASING ENZYMIC HYDROLYSIS OF CELLULOSIC MATERIAL**
[54] **PROCEDES POUR AUGMENTER L'HYDROLYSE ENZYMATIQUE D'UNE MATIERE CELLULOSIQUE**
[72] CHEN, YE, US
[72] LIU, JIYIN, US
[72] GREEN, TERRY, US
[72] STEVENS, MARK V, US
[72] XU, HUI, US
[71] NOVOZYMES A/S, DK
[85] 2015-01-19
[86] 2013-07-18 (PCT/US2013/051084)
[87] (WO2014/018368)
[30] US (61/673,556) 2012-07-19

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[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C07H 21/02 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **MODIFIED RNAI AGENTS**
[54] **AGENTS CONSTITUES D'ARNI MODIFIE**
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] MANOHANRAN, MUTHIAH, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2015-01-20
[86] 2013-08-02 (PCT/US2013/053346)
[87] (WO2014/022739)
[30] US (61/679,396) 2012-08-03
[30] US (61/791,750) 2013-03-15

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[13] A1

[51] **Int.Cl. C08K 7/14 (2006.01) B61D 17/12 (2006.01)**
[25] EN
[54] **ONE-PIECE POLYMERIC COMPOSITE RAFTER**
[54] **CHEVRON COMPOSITE POLYMER EN UNE PIECE**
[72] HAWLEY, RONALD C., US
[72] GRINSTEINNER, DARIN J., US
[72] TIEDERMANN, LARRY E., US
[71] CPI BINANI, INC., US
[85] 2015-01-16
[86] 2013-07-25 (PCT/US2013/051944)
[87] (WO2014/018708)
[30] US (61/676,722) 2012-07-27

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/27 (2006.01) G06F 19/00 (2011.01) H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF AGGREGATING INFORMATION OF SOCIAL NETWORKS BASED ON CHANGING GEOGRAPHICAL LOCATIONS OF A COMPUTING DEVICE VIA A NETWORK**
[54] **METHODES ET SYSTEMES DE REGROUPEMENT D'INFORMATIONS DE RESEAUX SOCIAUX EN FONCTION DU CHANGEMENT DES EMBLEMES GEOGRAPHIQUES D'UN DISPOSITIF INFORMATIQUE PAR L'INTERMEDIAIRE D'UN RESEAU**
[72] BURRIS, BRANDON, C., US
[71] SNAP TRENDS, INC., US
[85] 2014-09-05
[86] 2013-03-07 (PCT/US2013/029480)
[87] (WO2013/134451)
[30] US (61/607,971) 2012-03-07
[30] US (61/705,516) 2012-09-25
[30] US (13/677,158) 2012-11-14

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[25] EN	[25] EN	[25] EN
[54] COMPOSITIONS COMPRISING HYDROPHOBICALLY MODIFIED CATIONIC POLYMERS	[54] COMPOSITIONS COMPRISING CHIMERIC OSPA MOLECULES AND METHODS OF USE THEREOF	[54] ARRANGEMENT OF FLOW STRUCTURES FOR USE IN HIGH DIFFERENTIAL PRESSURE ELECTROCHEMICAL CELLS
[54] COMPOSITIONS COMPRENANT DES POLYMERES CATIONIQUES A MODIFICATIONS HYDROPHOBIQUES	[54] COMPOSITIONS COMPRENANT DES MOLECULES OSPA CHIMERIQUES ET LEURS PROCEDES D'UTILISATION	[54] AGENCEMENT DE STRUCTURES D'ECOULEMENT POUR UNE UTILISATION DANS DES CELLULES ELECTROCHIMIQUES A HAUTE PRESSION DIFFERENTIELLE
[72] GIZAW, YONAS, US	[72] BARRETT, NOEL P., AT	[72] BLANCHET, SCOTT, US
[72] HARRINGTON, ROY JEROME, US	[72] AICHINGER, GERALD, AT	[72] LUNT, BENJAMIN, US
[72] WHITE, DANIEL JEROME, US	[72] CROWE, BRIAN A., AT	[71] NUVERA FUEL CELLS, INC., US
[72] HULSKOTTER, FRANK, DE	[72] LIVEY, IAN, AT	[85] 2015-01-19
[72] SMITH, STEVEN DARYL, US	[72] WRESSNIGG, NINA, AT	[86] 2013-07-19 (PCT/US2013/051298)
[72] KOENIG, PETER HERBERT, US	[71] BAXTER INTERNATIONAL, INC., US	[87] (WO2014/018394)
[72] JAMADAGNI, SUMANTH NARAHARI, US	[71] BAXTER HEALTHCARE SA, CH	[30] US (61/674,976) 2012-07-24
[72] WAGNER, MATTHEW SCOTT, US	[85] 2015-01-20	
[72] PAGE, STEVEN HARDY, US	[86] 2013-07-11 (PCT/US2013/050058)	
[72] BENLAHMAR, OUIDAD, DE	[87] (WO2014/018274)	
[72] BOYKO, VOLODYMYR, DE	[30] US (61/676,668) 2012-07-27	
[72] FIGUEROA, AARON FLORES, DE		
[72] EBERT, SOPHIA ROSA, DE		
[71] THE PROCTER & GAMBLE COMPANY, US		
[85] 2015-01-19	[21] 2,879,690 [13] A1	[21] 2,879,692 [13] A1
[86] 2013-07-19 (PCT/US2013/051230)	[51] Int.Cl. G06F 17/21 (2006.01)	[51] Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)
[87] (WO2014/015226)	[25] EN	[25] EN
[30] US (61/673,600) 2012-07-19	[54] E-READER SYSTEMS	[54] FUNGAL RESISTANT PLANTS EXPRESSING RLK1
[30] US (61/676,652) 2012-07-27	[54] SYSTEMES DE LECTEURS ELECTRONIQUES	[54] PLANTES EXPRIMANT RLK1 RESISTANT AUX PATHOGENES FONGIQUES
	[72] LIU, MING, US	[72] SCHULTHEIS, HOLGER, DE
	[72] ZENG, WEI, US	[72] MENTZEL, TOBIAS, DE
	[72] NARAYANAN, RAMAN, US	[71] BASF PLANT SCIENCE COMPANY GMBH, DE
	[72] CHUB, SERGEY, US	[85] 2015-01-21
	[72] NICKOLOV, RADOSLAV PETROV, US	[86] 2013-07-25 (PCT/IB2013/056112)
	[71] MICROSOFT CORPORATION, US	[87] (WO2014/024079)
	[85] 2015-01-20	[30] US (61/681161) 2012-08-09
	[86] 2013-08-05 (PCT/US2013/053536)	[30] EP (12179859.9) 2012-08-09
	[87] (WO2014/025656)	
	[30] US (61/681,094) 2012-08-08	
	[30] US (13/677,760) 2012-11-15	
[21] 2,879,688 [13] A1		
[51] Int.Cl. A61B 1/00 (2006.01) H01B 11/18 (2006.01)		
[25] EN		
[54] ELECTRONIC CABLE ASSEMBLIES FOR USE WITH MEDICAL DEVICES		
[54] ENSEMBLES FORMANT CABLES ELECTRONIQUES DESTINES A ETRE UTILISES AVEC DES DISPOSITIFS MEDICAUX		
[72] DRESHER, RUSSELL, US		
[72] AQUILINO, PAUL, US		
[72] RHEUME, RACHAEL, US		
[71] BOSTON SCIENTIFIC SCIMED, INC., US		
[85] 2015-01-20		
[86] 2013-08-02 (PCT/US2013/053402)		
[87] (WO2014/031313)		
[30] US (61/684,862) 2012-08-20		

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[21] **2,879,693**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **CARBOHYDRATE CONJUGATED RNA AGENTS AND PROCESS FOR THEIR PREPARATION**
[54] **AGENTS D'ARN CONJUGUES A DES GLUCIDES ET LEUR PROCEDE DE PREPARATION**
[72] JAYAPRAKASH, NARAYANANNAIR K., US
[72] KELIN, ALEXANDER V., US
[72] KANDASAMY, PACHAMUTHU, US
[72] KALLANTHOTTATHIL, RAJEEV G., US
[72] MANOHARAN, MUTHIAH, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2015-01-20
[86] 2013-08-06 (PCT/US2013/053824)
[87] (WO2014/025805)
[30] US (61/680,069) 2012-08-06
[30] US (61/794,114) 2013-03-15

[21] **2,879,696**
[13] A1

[51] **Int.Cl. D06M 10/02 (2006.01) D06M 10/00 (2006.01)**
[25] EN
[54] **NOVEL UHMWPE FIBER AND METHOD TO PRODUCE**
[54] **NOUVELLE FIBRE UHMWPE ET SON PROCEDE DE PRODUCTION**
[72] ARDIFF, HENRY GERARD, US
[72] KLEIN, RALF, US
[72] YOUNG, JOHN ARMSTRONG, US
[72] TAM, THOMAS, US
[71] HONEYWELL INTERNATIONAL, INC., US
[85] 2015-01-20
[86] 2013-07-15 (PCT/US2013/050468)
[87] (WO2014/058494)
[30] US (61/676,398) 2012-07-27
[30] US (13/795,167) 2013-03-12

[21] **2,879,697**
[13] A1

[51] **Int.Cl. C07D 231/14 (2006.01) A61K 31/415 (2006.01) A61K 31/4192 (2006.01) A61K 31/42 (2006.01) A61K 31/421 (2006.01) A61P 9/12 (2006.01) C07D 249/04 (2006.01) C07D 261/18 (2006.01) C07D 263/38 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **NEPRILYSIN INHIBITORS**
[54] **INHIBITEURS DE NEPRILYSINE**
[72] FLEURY, MELISSA, US
[72] HUGHES, ADAM D., US
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US
[85] 2015-01-20
[86] 2013-08-07 (PCT/US2013/053956)
[87] (WO2014/025891)
[30] US (61/680,804) 2012-08-08
[30] US (61/774,163) 2013-03-07

[21] **2,879,699**
[13] A1

[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01)**
[25] EN
[54] **PIPE STORE, AND METHOD OF SUPPLYING AND DISCHARGING PIPE BODIES TO AND FROM A DRILLING RIG**
[54] **SUPPORT DE TUBES ET PROCEDE POUR L'ACHEMINEMENT ET L'EVACUATION DE CORPS TUBULAIRES A DESTINATION ET A PARTIR D'UNE INSTALLATION DE FORAGE**
[72] BINDER, JURGEN, DE
[72] NADAN, ANDREJ, DE
[71] HERRENKNECHT VERTICAL GMBH, DE
[85] 2015-01-21
[86] 2013-04-15 (PCT/EP2013/001100)
[87] (WO2013/156133)
[30] DE (10 2012 007 402.6) 2012-04-16

[21] **2,879,701**
[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01) B29D 11/00 (2006.01) F21V 7/22 (2006.01) G02B 5/00 (2006.01)**
[25] EN
[54] **OPTICAL REFLECTORS, REFLECTION FILMS AND SHEETS**
[54] **REFLECTEURS OPTIQUES ET FILMS ET FEUILLES DE REFLEXION OPTIQUES**
[72] GE, JIAXIN JASON, US
[72] AUBART, MARK A., US
[71] ARKEMA FRANCE, FR
[85] 2015-01-20
[86] 2013-07-16 (PCT/US2013/050589)
[87] (WO2014/018301)
[30] US (61/674,407) 2012-07-23

[21] **2,879,703**
[13] A1

[51] **Int.Cl. A61J 1/06 (2006.01) A61J 1/14 (2006.01) A61J 1/20 (2006.01) A61F 9/00 (2006.01) A61J 1/18 (2006.01) A61K 38/13 (2006.01)**
[25] EN
[54] **DUAL CAP SYSTEM FOR CONTAINER-CLOSURES TO MAINTAIN TIP STERILITY DURING SHELF STORAGE**
[54] **SYSTEME DE BOUCHON DOUBLE POUR FERMETURE DE RECIPIENT POUR MAINTENIR LA STERILITE DE LA POINTE DURANT LE STOCKAGE DE CONSERVATION**
[72] SHANKAR, SAI, US
[71] ALLERGAN, INC., US
[85] 2015-01-16
[86] 2013-07-26 (PCT/US2013/052237)
[87] (WO2014/018847)
[30] US (61/675,909) 2012-07-26

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[21] **2,879,704**
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/427 (2006.01) A61K 31/4745 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMBINATION OF PI3K INHIBITOR AND C-MET INHIBITOR**

[54] **COMBINAISON D'UN INHIBITEUR PI3K ET D'UN INHIBITEUR C-MET**

[72] CAPONIGRO, GIORDANO, US

[72] HUANG, XIZHONG, US

[72] LEHAR, JOSEPH, US

[72] WANG, HUI-QIN, US

[71] NOVARTIS AG, CH

[85] 2015-01-20

[86] 2013-08-14 (PCT/US2013/054848)

[87] (WO2014/028566)

[30] US (61/683,790) 2012-08-16

[21] **2,879,705**
[13] A1

[51] **Int.Cl. B64D 37/32 (2006.01) B01D 63/02 (2006.01) B01D 69/02 (2006.01) B01D 69/08 (2006.01)**

[25] EN

[54] **AIRCRAFT FUEL TANK FLAMMABILITY REDUCTION METHODS AND SYSTEMS AND AIR SEPARATION METHODS USING MEMBRANES**

[54] **PROCEDES ET SYSTEMES DE REDUCTION DE L'INFLAMMABILITE D'UN RESERVOIR DE CARBURANT D'AVION ET PROCEDES DE SEPARATION DE L'AIR UTILISANT DES MEMBRANES**

[72] EVOSEVICH, BARBARA J., US

[72] JOJIC, IVANA, US

[71] THE BOEING COMPANY, US

[85] 2015-01-19

[86] 2013-10-10 (PCT/US2013/064380)

[87] (WO2014/107207)

[30] US (13/665,767) 2012-10-31

[21] **2,879,707**
[13] A1

[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/174 (2014.01) H04N 19/176 (2014.01) H04N 19/61 (2014.01)**

[25] EN

[54] **IMAGE DECODING METHOD, IMAGE CODING METHOD, IMAGE DECODING APPARATUS, IMAGE CODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**

[54] **PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**

[72] SASAI, HISAO, JP

[72] NISHI, TAKAHIRO, JP

[72] SHIBAHARA, YOUJI, JP

[72] TANIKAWA, KYOKO, JP

[72] SUGIO, TOSHIYASU, JP

[72] MATSUNOBU, TORU, JP

[72] TERADA, KENGO, JP

[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US

[85] 2015-01-21

[86] 2013-08-07 (PCT/JP2013/004777)

[87] (WO2014/024491)

[30] US (61/681,206) 2012-08-09

[21] **2,879,709**
[13] A1

[51] **Int.Cl. C07H 1/08 (2006.01) C07H 15/256 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PURIFICATION OF SAPONINS**

[54] **PROCEDE POUR LA PURIFICATION DE SAPONINES**

[72] DIAZ GARCIA, JUAN JOSE, US

[72] HOLZER, MARGIT THERESIA, FR

[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE

[85] 2015-01-21

[86] 2013-07-25 (PCT/EP2013/065708)

[87] (WO2014/016374)

[30] GB (1213364.1) 2012-07-27

[21] **2,879,710**
[13] A1

[51] **Int.Cl. D06M 10/02 (2006.01) D06M 10/00 (2006.01)**

[25] EN

[54] **NOVEL UHMWPE FIBER AND METHOD TO PRODUCE**

[54] **NOUVELLE FIBRE UHMWPE ET SON PROCEDE DE PRODUCTION**

[72] KLEIN, RALF, US

[72] ARDIFF, HENRY GERARD, US

[72] YOUNG, JOHN ARMSTRONG, US

[72] TAM, THOMAS, US

[71] HONEYWELL INTERNATIONAL INC., US

[85] 2015-01-20

[86] 2013-07-16 (PCT/US2013/050590)

[87] (WO2014/058497)

[30] US (61/676,409) 2012-07-27

[30] US (13/795,278) 2013-03-12

[21] **2,879,711**
[13] A1

[51] **Int.Cl. C07C 2/00 (2006.01) B01J 19/10 (2006.01) C07C 11/24 (2006.01)**

[25] EN

[54] **METHANE CONVERSION APPARATUS AND PROCESS USING A SUPERSONIC FLOW REACTOR**

[54] **APPAREIL ET PROCEDE DE CONVERSION DE METHANE FAISANT APPEL A UN REACTEUR A ECOULEMENT SUPERSONIQUE**

[72] BEDARD, ROBERT L., US

[72] NAUNHEIMER, CHRISTOPHER, US

[72] TOWLER, GAVIN P., US

[72] LEONARD, LAURA E., US

[72] DUDEBOUT, RODOLPHE, US

[72] WOODCOCK, GREGORY O., US

[72] MITTENDORF, DONALD L., US

[71] UOP LLC, US

[85] 2015-01-20

[86] 2013-08-16 (PCT/US2013/055277)

[87] (WO2014/031477)

[30] US (61/691,317) 2012-08-21

[30] US (13/967,334) 2013-08-14

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[21] **2,879,712**
[13] A1
[51] **Int.Cl. C25C 7/00 (2006.01) C25C 3/34 (2006.01)**
[25] EN
[54] **ELECTROLYTIC CELL FOR PRODUCTION OF RARE EARTH METALS**
[54] **CELLULE ELECTROLYTIQUE POUR LA PRODUCTION DE METAUX DES TERRES RARES**
[72] KENIRY, JEFFREY, AU
[72] KJAR, ANTHONY RUDLAND, AU
[71] LYNAS SERVICES PTY LTD, AU
[85] 2015-01-20
[86] 2013-05-15 (PCT/AU2013/000500)
[87] (WO2013/170299)
[30] AU (2012902017) 2012-05-16
[30] AU (2013204396) 2013-04-12

[21] **2,879,715**
[13] A1
[51] **Int.Cl. C10G 47/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR UPGRADING HEAVY OIL USING CATALYTIC HYDROCRACKING AND THERMAL COKING**
[54] **PROCEDES ET SYSTEMES POUR VALORISER DU PETROLE LOURD PAR HYDROCRAQUAGE CATALYTIQUE ET COKEFACTION THERMIQUE**
[72] HARRIS, EVERETTE, US
[72] GENDLER, JEFFREY, US
[71] HEADWATERS HEAVY OIL, LLC, US
[85] 2015-01-16
[86] 2013-07-26 (PCT/US2013/052422)
[87] (WO2014/022243)
[30] US (13/561,479) 2012-07-30

[21] **2,879,716**
[13] A1
[51] **Int.Cl. C12N 15/54 (2006.01) A01H 5/00 (2006.01) C12N 9/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **FUNGAL RESISTANT PLANTS EXPRESSING RLK2**
[54] **PLANTES EXPRIMANT RLK2 RESISTANT AUX PATHOGENES FONGIQUES**
[72] SCHULTHEIS, HOLGER, DE
[72] MENTZEL, TOBIAS, DE
[72] FLACHMANN, RALF, DE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2015-01-21
[86] 2013-08-01 (PCT/IB2013/056315)
[87] (WO2014/024102)
[30] US (61/681165) 2012-08-09
[30] EP (12179878.9) 2012-08-09

[21] **2,879,717**
[13] A1
[51] **Int.Cl. F16M 13/02 (2006.01)**
[25] EN
[54] **ANTENNA MOUNTING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE MONTAGE D'ANTENNE**
[72] LETTKEMAN, DAVID MICHAEL, US
[72] FRANK, ADAM MICHAEL, US
[71] DISH NETWORK, L.L.C., US
[85] 2015-01-20
[86] 2013-07-16 (PCT/US2013/050597)
[87] (WO2014/022087)
[30] US (13/563,537) 2012-07-31

[21] **2,879,718**
[13] A1
[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/584 (2006.01) C09K 8/588 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PRODUCING OIL**
[54] **COMPOSITION POUR PRODUIRE DE L'HUILE**
[72] BOUWMEESTER, RONALDUS CORNELIS MARTINUS, MY
[72] SOUTHWICK, JEFFREY GEORGE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2015-01-20
[86] 2013-08-16 (PCT/US2013/055343)
[87] (WO2014/031483)
[30] US (61/691,033) 2012-08-20

[21] **2,879,720**
[13] A1
[51] **Int.Cl. B01L 7/00 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR PERFORMING THERMAL MELT ANALYSES AND AMPLIFICATIONS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE REALISATION D'ANALYSES PAR FUSION THERMIQUE ET D'AMPLIFICATIONS THERMIQUES**
[72] OPALSKY, DAVID, US
[72] HAGEN, NORBERT D., US
[72] SILBERT, ROLF, US
[72] CHIU, SEAN SIYAO, US
[72] LI, HAITAO, US
[71] GEN-PROBE INCORPORATED, US
[85] 2015-01-16
[86] 2013-07-31 (PCT/US2013/053021)
[87] (WO2014/022560)
[30] US (61/677,790) 2012-07-31

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[21] **2,879,721**
[13] A1

[51] **Int.Cl. H01G 2/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING AUDIBLE AND/OR ELECTRICAL NOISE FROM ELECTRICALLY OR MECHANICALLY EXCITED CAPACITORS**
[54] **PROCEDE ET SYSTEME POUR LA REDUCTION DE BRUIT SONORE ET/OU ELECTRIQUE PROVENANT DE CONDENSATEURS EXCITES ELECTRIQUEMENT OU MECANIQUEMENT**
[72] SLAGLE, STEVE D., US
[72] SHAW, JAMES D., US
[72] MIMMS, GEORGE C., US
[72] ERICKSON, KYLE E., US
[71] ALLISON TRANSMISSION, INC., US
[85] 2015-01-21
[86] 2013-08-27 (PCT/US2013/056737)
[87] (WO2014/035929)
[30] US (61/694,827) 2012-08-30

[21] **2,879,723**
[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A61K 47/38 (2006.01) C08J 11/08 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITION FOR PREPARING HARD CAPSULE, PREPARATION METHOD THEREFOR, HARD CAPSULE, AND METHOD FOR RECYCLING HARD CAPSULE SCRAPS**
[54] **COMPOSITION AQUEUSE POUR LA PREPARATION D'UNE CAPSULE DURE, SON PROCEDE DE PREPARATION, CAPSULE DURE ET PROCEDE DE RECYCLAGE DES DECHETS DE CAPSULE DURE**
[72] SON, JIN RYUL, KR
[72] LEE, SANG YOUB, KR
[72] JEON, JYUNG HEE, KR
[72] BANG, SUNG HWAN, KR
[72] SHIN, JU HEE, KR
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR
[85] 2015-01-21
[86] 2013-07-04 (PCT/KR2013/005927)
[87] (WO2014/017756)
[30] KR (10-2012-0080258) 2012-07-23
[30] KR (10-2012-0131947) 2012-11-20

[21] **2,879,724**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **HUMAN ANTIBODIES TO GFR.ALPHA.3 AND METHODS OF USE THEREOF**
[54] **ANTICORPS HUMAINS DIRIGES CONTRE LE GFR?3 ET METHODES D'UTILISATION ASSOCIEES**
[72] CROLL, SUSAN D., US
[72] MACDONALD, LYNN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2015-01-20
[86] 2013-08-21 (PCT/US2013/055921)
[87] (WO2014/031712)
[30] US (61/692,029) 2012-08-22

[21] **2,879,725**
[13] A1

[51] **Int.Cl. A01B 63/114 (2006.01)**
[25] EN
[54] **INTEGRATED IMPLEMENT DOWNFORCE CONTROL SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE COMMANDE DE DEPORTANCE D'ENGIN INTEGRE**
[72] STOLLER, JASON, US
[72] LEVY, KENT, US
[72] SWANSON, TODD, US
[71] PRECISION PLANTING LLC, US
[85] 2015-01-21
[86] 2013-07-25 (PCT/US2013/051968)
[87] (WO2014/018716)
[30] US (61/675,678) 2012-07-25

[21] **2,879,726**
[13] A1

[51] **Int.Cl. C07D 233/61 (2006.01) A61K 31/4178 (2006.01) A61P 31/00 (2006.01) C07C 209/48 (2006.01) C07D 233/88 (2006.01)**
[25] EN
[54] **UREA COMPOUNDS AND THEIR USE AS ENZYME INHIBITORS**
[54] **COMPOSES D'UREE ET LEUR UTILISATION EN TANT QU'INHIBITEURS D'ENZYME**
[72] ROSA, CARLA PATRICIA DA COSTA PEREIRA, PT
[72] GUSMAO DE NORONHA, RITA, PT
[72] KISS, LASZLO ERNO, PT
[72] SOARES DA SILVA, PATRICIO MANUEL VIEIRA ARAUJO, PT
[72] RUSSO, DOMENICO, PT
[72] WAHNON, JORGE BRUNO REIS, PT
[72] MATON, WILLIAM, PT
[71] BIAL- PORTELA & CA, S.A., PT
[85] 2015-01-21
[86] 2013-07-24 (PCT/PT2013/000048)
[87] (WO2014/017936)
[30] US (61/674,970) 2012-07-24

[21] **2,879,727**
[13] A1

[51] **Int.Cl. C25C 1/00 (2006.01) C25C 1/08 (2006.01) C25C 7/04 (2006.01)**
[25] EN
[54] **SELECTIVE REDUCTIVE ELECTROWINNING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES D'EXTRACTION ELECTROLYTIQUE REDUCTRICE SELECTIVE**
[72] BOTTE, GERARDINE G., US
[71] OHIO UNIVERSITY, US
[85] 2015-01-20
[86] 2013-07-16 (PCT/US2013/050601)
[87] (WO2014/018302)
[30] US (61/675,994) 2012-07-26
[30] US (13/802,919) 2013-03-14

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[21] **2,879,728**
[13] A1

[51] **Int.Cl. C10L 1/02 (2006.01) C10L 1/12 (2006.01) C10L 1/30 (2006.01) C10L 3/00 (2006.01) C10L 10/02 (2006.01) F02B 7/00 (2006.01) F02C 1/00 (2006.01) F23D 17/00 (2006.01)**

[25] EN
[54] **BODY OF MOLECULAR SIZED FUEL ADDITIVE**
[54] **CORPS D'ADDITIF POUR CARBURANT DE TAILLE MOLECULAIRE**

[72] PARSONS, BRUCE BRIANT, JP
[72] MAY, WALTER R., US
[71] EFFICIENT FUEL SOLUTIONS, LLC, US

[85] 2015-01-21
[86] 2013-05-31 (PCT/JP2013/065898)
[87] (WO2014/017185)
[30] US (61/741,686) 2012-07-26
[30] US (61/850,897) 2013-02-26

[21] **2,879,729**
[13] A1

[51] **Int.Cl. B01L 7/00 (2006.01)**

[25] EN
[54] **ULTRAFAST THERMAL CYCLER**
[54] **THERMOCYCLEUR ULTRA RAPIDE**

[72] GORMAN, JOHN B., US
[72] MALTEZOS, GEORGE, US
[72] SCHERER, AXEL, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2015-01-16
[86] 2013-08-07 (PCT/US2013/054008)
[87] (WO2014/025924)
[30] US (61/680,654) 2012-08-07

[21] **2,879,732**
[13] A1

[51] **Int.Cl. B29C 35/12 (2006.01) B29C 33/18 (2006.01) B29C 44/34 (2006.01) B29C 44/54 (2006.01) B29C 70/74 (2006.01) B65D 81/03 (2006.01)**

[25] EN
[54] **MICROWAVE HEATING OF HEAT-EXPANDABLE MATERIALS FOR MAKING PACKAGING SUBSTRATES AND PRODUCTS**
[54] **CHAUFFAGE PAR MICRO-ONDES DE MATERIAUX THERMO-EXPANSIBLES SERVANT A FABRIQUER DES SUBSTRATS ET PRODUITS D'ENCAPSULATION**

[72] FU, THOMAS Z., US
[72] COOK, MATTHEW R., US
[72] ELLIS, EARLE R., US
[71] LBP MANUFACTURING, INC., US

[85] 2015-01-20
[86] 2013-07-17 (PCT/US2013/050928)
[87] (WO2014/015060)
[30] US (61/674,110) 2012-07-20

[21] **2,879,733**
[13] A1

[51] **Int.Cl. A61K 39/295 (2006.01) A61K 39/145 (2006.01) A61K 39/175 (2006.01) A61K 39/23 (2006.01) A61K 39/235 (2006.01)**

[25] EN
[54] **LIQUID STABLE VIRUS VACCINES**
[54] **VACCINS VIRAUX STABLES, LIQUIDES**

[72] O'CONNELL, KEVIN, US
[72] QIAO, ZHISONG, US
[71] INTERVET INTERNATIONAL B.V., NL

[85] 2015-01-21
[86] 2013-08-16 (PCT/EP2013/067169)
[87] (WO2014/029702)
[30] US (61/691,507) 2012-08-21
[30] US (61/777,164) 2013-03-12

[21] **2,879,735**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/34 (2013.01)**

[25] EN
[54] **METHOD AND SYSTEM FOR SECURE AUTHENTICATION AND INFORMATION SHARING AND ANALYSIS**
[54] **PROCEDE ET SYSTEME D'AUTHENTIFICATION SECURISEE ET DE PARTAGE ET D'ANALYSE D'INFORMATIONS**

[72] GUERRINO, ERIC, US
[72] NELSON, WILLIAM, US
[71] FINANCIAL SERVICES/INFORMATION SHARING & ANALYSIS CENTER, US

[85] 2015-01-21
[86] 2013-07-25 (PCT/US2013/052035)
[87] (WO2014/018743)
[30] US (61/675,610) 2012-07-25
[30] US (61/675,939) 2012-07-26
[30] US (13/950,817) 2013-07-25

[21] **2,879,736**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01)**

[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID**
[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE**

[72] SATCHIVI, NORBERT M., US
[72] BANGEL, BRYSTON L., US
[71] DOW AGROSCIENCES LLC, US

[85] 2015-01-20
[86] 2013-07-18 (PCT/US2013/051027)
[87] (WO2014/018359)
[30] US (61/674,995) 2012-07-24

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[21] **2,879,738**
[13] A1

[51] **Int.Cl. C01B 31/36 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) D01F 9/12 (2006.01)**

[25] EN

[54] **PRODUCTION OF NANOSTRUCTURED CARBON MATERIALS**

[54] **PRODUCTION DE MATERIAUX CARBONES NANOSTRUCTURES**

[72] RIEHL, BILL L., US
[72] RIEHL, BONNIE D., US
[72] RIEHL, LEE R., US
[72] RIEHL, JIM R., US
[72] JOHNSON, JAY M., US
[71] SCNTE, LLC, US
[85] 2015-01-21
[86] 2013-07-25 (PCT/US2013/052047)
[87] (WO2014/022194)
[30] US (61/677,072) 2012-07-30

[21] **2,879,739**
[13] A1

[51] **Int.Cl. A61K 35/74 (2015.01) A61K 39/02 (2006.01) A61K 39/05 (2006.01) A61K 41/00 (2006.01)**

[25] EN

[54] **TUMOR VACCINATION**

[54] **VACCINATION DE TUMEUR**

[72] ANDOCS, GABOR, HU
[72] SZASZ, ANDRAS, HU
[72] SZASZ, OLIVER, HU
[72] ILURI, NORA, US
[71] XAX KFT., HU
[85] 2015-01-21
[86] 2013-08-26 (PCT/EP2013/067653)
[87] (WO2014/033097)
[30] EP (12181821.5) 2012-08-26
[30] US (61/744,008) 2012-09-17

[21] **2,879,740**
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 1/18 (2006.01) G01N 1/28 (2006.01) G01N 1/36 (2006.01)**

[25] EN

[54] **MICROTOME SECTIONABLE GEL SUPPORT STRUCTURE AND METHODS**

[54] **STRUCTURE DE SUPPORT DE GEL SECTIONNABLE PAR MICROTOME ET PROCEDES S'Y RAPPORTANT**

[72] WILLIAMSON, WARREN P., IV, US
[72] DAPSON, RICHARD W., US
[72] SHAH, AMIT D., US
[71] BIOPATH AUTOMATION, L.L.C., US
[71] SAKURA FINETEK U.S.A., INC., US
[85] 2015-01-21
[86] 2013-08-28 (PCT/US2013/057001)
[87] (WO2014/042873)
[30] US (61/700,062) 2012-09-12

[21] **2,879,742**
[13] A1

[51] **Int.Cl. B65D 1/00 (2006.01) B65D 25/14 (2006.01) B65D 65/46 (2006.01) B65D 81/05 (2006.01)**

[25] EN

[54] **FLUID CONTAINER**

[54] **CONTENANT POUR FLUIDE**

[72] PARK, SUNG, US
[71] GREATER GOOD, INC., US
[85] 2015-01-20
[86] 2013-07-18 (PCT/US2013/051089)
[87] (WO2014/018370)
[30] US (61/675,573) 2012-07-25

[21] **2,879,744**
[13] A1

[51] **Int.Cl. H04B 3/54 (2006.01) H04B 1/10 (2006.01) H04B 3/46 (2015.01)**

[25] EN

[54] **POWER DISTRIBUTION LINE COMMUNICATIONS WITH COMPENSATION FOR POST MODULATION**

[54] **COMMUNICATIONS DE LIGNE DE DISTRIBUTION D'ENERGIE AVEC COMPENSATION D'UNE POST-MODULATION**

[72] BONICATTO, DAMIAN, US
[72] HAUG, STUART L., US
[71] LANDIS+GYR TECHNOLOGIES, LLC, US
[85] 2015-01-21
[86] 2013-09-04 (PCT/US2013/058038)
[87] (WO2014/039543)
[30] US (13/603,596) 2012-09-05

[21] **2,879,745**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **ENTERAL FEEDING PUMP WITH FLOW ADJUSTMENT**

[54] **POMPE D'ALIMENTATION ENTERALE A REGLAGE DE DEBIT**

[72] FLYNN, DANIEL P., US
[72] HARR, JAMES M., US
[72] HUDSON, JOSEPH A., US
[71] COVIDIEN LP, US
[85] 2015-01-20
[86] 2013-07-19 (PCT/US2013/051183)
[87] (WO2014/018381)
[30] US (13/557,335) 2012-07-25

[21] **2,879,746**
[13] A1

[51] **Int.Cl. H01S 3/06 (2006.01)**

[25] EN

[54] **SLAB LASER AND AMPLIFIER AND METHOD OF USE**

[54] **LASER A PLAQUE ET AMPLIFICATEUR, ET PROCEDE D'UTILISATION**

[72] STUART, MARTIN A., US
[72] CUNNINGHAM, STEPHEN L., US
[71] STUART, MARTIN A., US
[71] CUNNINGHAM, STEPHEN L., US
[85] 2015-01-21
[86] 2013-08-01 (PCT/US2013/053166)
[87] (WO2014/022635)
[30] US (13/566,144) 2012-08-03

[21] **2,879,748**
[13] A1

[51] **Int.Cl. A61N 1/40 (2006.01) A61N 5/02 (2006.01)**

[25] EN

[54] **RF HYPERTHERMIA DEVICE FOR PERSONALIZED TREATMENT AND DIAGNOSIS**

[54] **DISPOSITIF D'HYPERTHERMIE RADIOFREQUENCE PERMETTANT UN TRAITEMENT ET UN DIAGNOSTIC PERSONNALISES**

[72] SZASZ, OLIVER, HU
[72] SZASZ, ANDRAS, HU
[72] ILURI, NORA, US
[71] XAX KFT., HU
[85] 2015-01-21
[86] 2013-08-27 (PCT/EP2013/067747)
[87] (WO2014/033139)
[30] EP (12181833.0) 2012-08-27

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[21] **2,879,749**
[13] A1

[51] **Int.Cl. H01S 5/183 (2006.01)**
[25] EN
[54] **POLARIZATION STABLE WIDELY TUNABLE SHORT CAVITY LASER**
[54] **LASER A CAVITE COURTE ET A POLARISATION STABLE LARGEMENT ACCORDABLE**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[71] THORLABS, INC., US
[71] PRAEVIUM RESEARCH, INC., US
[2015-01-21]
[86] 2013-07-26 (PCT/US2013/052412)
[87] (WO2014/018940)
[30] US (61/676,712) 2012-07-27

[21] **2,879,750**
[13] A1

[51] **Int.Cl. C12Q 1/04 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING MICROBIOLOGICAL SUBSTANCES**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER DES SUBSTANCES MICROBIOLOGIQUES**
[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] MACLENNAN, JAMES ROBERT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-21
[86] 2013-09-04 (PCT/US2013/058041)
[87] (WO2014/042933)
[30] US (13/616,260) 2012-09-14

[21] **2,879,751**
[13] A1

[51] **Int.Cl. B60R 9/055 (2006.01)**
[25] EN
[54] **ROOF BOX FOR A VEHICLE**
[54] **COFFRE DE TOIT POUR UN VEHICULE**
[72] FRITSCH, GUNTHER, DE
[71] THULE SWEDEN AB, SE
[85] 2015-01-21
[86] 2013-09-06 (PCT/EP2013/068489)
[87] (WO2014/037513)
[30] EP (12183756.1) 2012-09-10

[21] **2,879,753**
[13] A1

[51] **Int.Cl. G01N 21/31 (2006.01) G06E 3/00 (2006.01)**
[25] EN
[54] **HANDHELD CHARACTERISTIC ANALYZER**
[54] **ANALYSEUR PORTATIF DE CARACTERISTIQUES**
[72] TUNHEIM, OLA, NO
[72] WEBSTER, MARSHALL EDWARD, US
[72] WACHTEL, ALEXIS, II, US
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-20
[86] 2013-08-23 (PCT/US2013/056410)
[87] (WO2014/035823)
[30] US (13/600,288) 2012-08-31

[21] **2,879,754**
[13] A1

[51] **Int.Cl. C07K 5/02 (2006.01)**
[25] EN
[54] **HYDROXYSTATIN DERIVATIVES FOR TREATMENT OF ARTHROSIS**
[54] **DERIVES D'HYDROXYSTATINE POUR LE TRAITEMENT DE L'ARTHROSE**
[72] TSAKLAKIDIS, CHRISTOS, DE
[72] KLEIN, MARKUS, DE
[71] MERCK PATENT GMBH, DE
[85] 2015-01-22
[86] 2013-06-26 (PCT/EP2013/001879)
[87] (WO2014/015934)
[30] EP (12005379.8) 2012-07-24

[21] **2,879,755**
[13] A1

[51] **Int.Cl. F16L 21/06 (2006.01) F16L 17/03 (2006.01) F16L 21/025 (2006.01) F16L 27/00 (2006.01)**
[25] EN
[54] **SEISMIC CONDUIT JOINT CONNECTOR**
[54] **RACCORD DE JOINT DE CONDUITE SISMIQUE**
[72] JONES, JIM, US
[71] REVELATION CONNECTION TECHNOLOGIES, LLC, US
[85] 2015-01-21
[86] 2013-09-26 (PCT/US2013/061806)
[87] (WO2014/052521)
[30] US (61/705,811) 2012-09-26

[21] **2,879,756**
[13] A1

[51] **Int.Cl. F02C 3/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **GEARED FAN WITH INNER COUNTER ROTATING COMPRESSOR**
[54] **SOUFFLANTE A REDUCTEUR DOTE E D'UN COMPRESSEUR CONTRAROTATIF INTERNE**
[72] MAGOWAN, JOHN W., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[85] 2015-01-20
[86] 2013-07-19 (PCT/US2013/051184)
[87] (WO2014/018382)
[30] US (13/556,496) 2012-07-24

[21] **2,879,757**
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/22 (2006.01) C09K 8/42 (2006.01) C09K 8/467 (2006.01) C09K 8/473 (2006.01)**
[25] EN
[54] **CEMENT COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS DE CIMENT ET LEURS PROCEDES D'UTILISATION**
[72] MUTHUSAMY, RAMESH, IN
[72] GOSAVI, TUSHAR SURESHGIRI, IN
[72] PATIL, RAHUL CHANDRAKANT, IN
[72] SANTRA, ASHOK K., US
[72] PATIL, SANDIP PRABHAKAR, IN
[72] PINDIPROLU, KAMESWARA SRI SAIRAM, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-20
[86] 2013-08-26 (PCT/US2013/056577)
[87] (WO2014/039301)
[30] US (13/606,632) 2012-09-07

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[21] **2,879,758**
[13] A1

[51] **Int.Cl. E21B 43/10 (2006.01)**
[25] EN
[54] **AN EXPANDABLE LINER HANGER AND METHOD OF USE**
[54] **DISPOSITIF DE SUSPENSION DE CHEMISE EXTENSIBLE ET PROCEDE D'UTILISATION**
[72] ZHOU, SHAOHUA, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-01-20
[86] 2013-08-27 (PCT/US2013/056749)
[87] (WO2014/077926)
[30] US (61/693,656) 2012-08-27

[21] **2,879,759**
[13] A1

[51] **Int.Cl. B61D 15/06 (2006.01)**
[25] EN
[54] **TRACTION HEAD PART**
[54] **PARTIE ANTERIEURE DE TRAIN**
[72] LANGERT, WOLFGANG, DE
[72] SCHMIDT, GERHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-01-22
[86] 2013-06-17 (PCT/EP2013/062466)
[87] (WO2014/016049)
[30] DE (10 2012 212 967.7) 2012-07-24

[21] **2,879,761**
[13] A1

[51] **Int.Cl. E01F 15/02 (2006.01) E01F 15/08 (2006.01)**
[25] EN
[54] **INTERLOCKING HIGHWAY BARRIER STRUCTURE**
[54] **STRUCTURE DE BARRIERE D'AUTOROUTE A ENCLENCHEMENT**
[72] SMITH, RODNEY I., US
[71] EASI-SET INDUSTRIES, INC., US
[85] 2015-01-20
[86] 2013-08-29 (PCT/US2013/057250)
[87] (WO2014/036237)
[30] US (61/696,144) 2012-09-01

[21] **2,879,762**
[13] A1

[51] **Int.Cl. H01S 5/183 (2006.01) H01S 5/34 (2006.01)**
[25] EN
[54] **QUANTUM WELL TUNABLE SHORT CAVITY LASER**
[54] **LASER A CAVITE COURTE ACCORDABLE A Puits QUANTIQUE**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[71] THORLABS, INC., US
[71] PRAEVIUM RESEARCH, INC., US
[85] 2015-01-20
[86] 2013-07-26 (PCT/US2013/052418)
[87] (WO2014/018945)
[30] US (61/676,712) 2012-07-27

[21] **2,879,764**
[13] A1

[51] **Int.Cl. B61D 17/04 (2006.01)**
[25] EN
[54] **COMPONENT, IN PARTICULAR FOR AN OUTSIDE CLADDING OF A PATH-BOUND VEHICLE**
[54] **COMPOSANT CONCU EN PARTICULIER POUR UN TOLAGE EXTERIEUR DE VEHICULE SUR RAILS**
[72] LANGERT, WOLFGANG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-01-22
[86] 2013-06-17 (PCT/EP2013/062468)
[87] (WO2014/016050)
[30] DE (10 2012 212 969.3) 2012-07-24

[21] **2,879,765**
[13] A1

[51] **Int.Cl. A61L 15/28 (2006.01) A61L 15/44 (2006.01) A61L 15/64 (2006.01) C08L 1/02 (2006.01) C08L 5/08 (2006.01)**
[25] EN
[54] **HAEMOSTATIC PATCH AND METHOD OF PREPARATION**
[54] **TIMBRE HEMOSTATIQUE ET SON PROCEDE DE PREPARATION**
[72] SERRERO, AURELIE, FR
[72] MONTANARI, SUZELEI, FR
[71] SOFRADIM PRODUCTION, FR
[85] 2015-01-21
[86] 2013-09-25 (PCT/EP2013/069957)
[87] (WO2014/048982)
[30] FR (12/58965) 2012-09-25

[21] **2,879,767**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR EXTRACTING CARBONACEOUS SUBSTANCES FROM OIL SAND**
[54] **DISPOSITIF ET PROCEDE POUR L'EXTRACTION DE SUBSTANCES CARBONEES A PARTIR DE SABLE PETROLIFERE**
[72] KOCH, ANDREAS, DE
[72] LEIDINGER, BERND, DE
[72] MAY, HERMANN, DE
[72] SCHONEICH, MATTHIAS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-01-22
[86] 2013-06-20 (PCT/EP2013/062857)
[87] (WO2014/016062)
[30] DE (10 2012 014 658.2) 2012-07-24

[21] **2,879,768**
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **FC-FREE ANTIBODIES COMPRISING TWO FAB-FRAGMENTS AND METHODS OF USE**
[54] **ANTICORPS EXEMPTS DE FC COMPRENANT DEUX FRAGMENTS FAB ET PROCEDES D'UTILISATION**
[72] BRUENKER, PETER, CH
[72] FAUTI, TANJA, CH
[72] JAEGER, CHRISTIANE, CH
[72] KLEIN, CHRISTIAN, CH
[72] UMANA, PABLO, CH
[71] ROCHE GLYCART AG, CH
[85] 2015-01-21
[86] 2013-10-03 (PCT/EP2013/070607)
[87] (WO2014/056783)
[30] EP (12187647.8) 2012-10-08

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[21] **2,879,769**
[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01) A61B 5/00 (2006.01) G01N 21/47 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR IMPROVED DIFFUSE LUMINESCENT IMAGING OR TOMOGRAPHY IN SCATTERING MEDIA**

[54] **SYSTEME ET PROCEDE D'IMAGERIE OU DE TOMOGRAPHIE LUMINESCENTE DIFFUSE AMELIOREE DANS DES MILIEUX DIFFUSANTS**

[72] ANDERSSON ENGELS, STEFAN, SE

[72] XU, CAN, SE

[72] LIU, HAICHUN, SE

[72] SVENMARKER, PONTUS, SE

[71] LUMITO AB, SE

[85] 2015-01-22

[86] 2013-07-01 (PCT/EP2013/063878)

[87] (WO2014/006012)

[30] US (61/666,899) 2012-07-01

[30] US (61/771,131) 2013-03-01

[21] **2,879,770**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 25/00 (2006.01)**

[25] EN

[54] **NEUROSURGICAL APPARATUS AND METHODS**

[54] **APPAREIL ET PROCEDES NEUROCHIRURGICAUX**

[72] GILL, STEVEN STREATFIELD, GB

[72] WOOLLEY, MAXWELL ROY, GB

[72] GILL, THOMAS, GB

[71] RENISHAW PLC, GB

[85] 2015-01-21

[86] 2013-07-24 (PCT/GB2013/051973)

[87] (WO2014/016591)

[30] GB (1213170.2) 2012-07-24

[30] GB (1215092.6) 2012-08-24

[30] GB (1307921.5) 2013-05-02

[21] **2,879,771**
[13] A1

[51] **Int.Cl. A01N 37/02 (2006.01) A01N 25/02 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **EMULSIFIABLE CONCENTRATE (EC) FORMULATION WITH HERBICIDAL ACTIVE FATTY ACIDS**

[54] **FORMULATION DE CONCENTRE EMULSIONNABLE (CE) COMPRENANT DES ACIDES GRAS A ACTIVITE HERBICIDE**

[72] KIJLSTRA, JOHAN, DE

[72] BAUR, PETER, DE

[72] MORAN PUENTE, DIANA WESTFALIA, DE

[72] LENTHE, JAN-HENRIK, DE

[71] BAYER CROPSCIENCE AG, DE

[85] 2015-01-22

[86] 2013-07-22 (PCT/EP2013/065370)

[87] (WO2014/016229)

[30] EP (12177824.5) 2012-07-25

[21] **2,879,773**
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01)**

[25] EN

[54] **MULTI-LEVEL RESERVOIR HISTORY MATCHING**

[54] **CONCORDANCE D'HISTORIQUE DE RESERVOIR MULTINIVEAU**

[72] MAUCEC, MARKO, US

[72] CARVAJAL, GUSTAVO, US

[72] MIRZADEH, SEYED M., US

[72] SINGH, AJAY PRATAP, US

[72] KHAN, HASNAIN A., US

[72] SAPUTELLI, LUIGI A., US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2015-01-21

[86] 2013-07-29 (PCT/US2013/052587)

[87] (WO2014/022317)

[30] US (13/563,270) 2012-07-31

[21] **2,879,775**
[13] A1

[51] **Int.Cl. B44B 5/02 (2006.01) B24B 31/00 (2006.01) B24B 41/06 (2012.01)**

[25] EN

[54] **METHOD OF MANUFACTURING A COINING DIE**

[54] **PROCEDE DE FABRICATION D'UN COIN**

[72] SAMUEL, PHIL, GB

[71] THE ROYAL MINT LIMITED, GB

[85] 2015-01-21

[86] 2013-07-24 (PCT/GB2013/051976)

[87] (WO2014/016593)

[30] GB (1213097.7) 2012-07-24

[21] **2,879,778**
[13] A1

[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **METHOD OF AND SYSTEM FOR INFERRING USER INTENT IN SEARCH INPUT IN A CONVERSATIONAL INTERACTION SYSTEM**

[54] **PROCEDE ET SYSTEME POUR DEDUIRE UNE INTENTION D'UN UTILISATEUR SUR LA BASE D'UNE RECHERCHE ENTREE DANS UN SYSTEME DE CONVERSATION INTERACTIF**

[72] BARVE, RAKESH, IN

[72] ARAVAMUDAN, MURALI, US

[72] VENKATARAMAN, SASHIKUMAR, US

[72] WELLING, GIRISH, US

[71] VEVEO, INC., US

[85] 2015-01-20

[86] 2013-07-19 (PCT/US2013/051288)

[87] (WO2014/015267)

[30] US (61/673,867) 2012-07-20

[30] US (61/712,721) 2012-10-11

[30] US (13/667,400) 2012-11-02

[30] US (13/667,388) 2012-11-02

[30] US (13/874,523) 2013-05-01

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[21] **2,879,780**
[13] A1

[51] **Int.Cl. B23K 1/00 (2006.01) B23K 1/008 (2006.01) B23K 3/08 (2006.01) F02K 1/82 (2006.01)**

[25] FR

[54] **METHOD FOR MANUFACTURING OF A METAL PART**

[54] **PROCEDE DE FABRICATION D'UNE PIECE METALLIQUE**

[72] BIENVENU, PHILIPPE, FR

[72] RIVOAL, JEAN-CLAUDE, FR

[72] POULET, FLAVIEN, FR

[72] CANEQUE, FRANCISCO, FR

[71] AIRCELLE, FR

[85] 2015-01-21

[86] 2013-08-01 (PCT/FR2013/051860)

[87] (WO2014/020286)

[30] FR (1257530) 2012-08-02

[21] **2,879,784**
[13] A1

[51] **Int.Cl. A23B 7/152 (2006.01) A23B 7/154 (2006.01) B65D 81/20 (2006.01) B65D 81/28 (2006.01)**

[25] EN

[54] **METHODS OF HANDLING AVOCADOS AND SYSTEM**

[54] **PROCEDES DE MANUTENTION D'AVOCATS ET SYSTEME ASSOCIE**

[72] MIR, NAZIR, US

[72] CIFUENTES, RODRIGO A., CL

[72] MCCASKEY, EVAN, US

[72] BALASUBRAMANIAN, AISHWARYA, US

[72] EDAGI, FERNANDO K., US

[72] JAMES, WILLIAM NIXON, US

[72] MCGEE, ROBERT L., US

[71] AGROFRESH INC., US

[85] 2015-01-20

[86] 2013-07-19 (PCT/US2013/051306)

[87] (WO2014/018399)

[30] US (61/675,488) 2012-07-25

[21] **2,879,785**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**

[25] EN

[54] **MODIFIED FACTOR X POLYPEPTIDES AND USES THEREOF**

[54] **POLYPEPTIDES MODIFIES DU FACTEUR X ET LEURS UTILISATIONS**

[72] THANOS, CHRISTOPHER, US

[72] MADISON, EDWIN L., US

[71] CATALYST BIOSCIENCES, INC., US

[85] 2015-01-21

[86] 2013-03-15 (PCT/US2013/032616)

[87] (WO2014/018120)

[30] US (61/741,806) 2012-07-25

[21] **2,879,787**
[13] A1

[51] **Int.Cl. A61L 2/07 (2006.01) A61L 2/00 (2006.01)**

[25] EN

[54] **STEAM STERILIZER**

[54] **STERILISATEUR A VAPEUR**

[72] BACIK, MICHAEL A., US

[72] BUCZYNSKI, PETER J., US

[72] ZELINA, FRANCIS J., US

[72] ROBERTSON, JEFFREY C., US

[71] AMERICAN STERILIZER COMPANY, US

[85] 2015-01-21

[86] 2013-04-08 (PCT/US2013/035582)

[87] (WO2014/028063)

[30] US (61/684,355) 2012-08-17

[30] US (13/798,806) 2013-03-13

[21] **2,879,789**
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/517 (2006.01) A61K 31/59 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01) C07D 491/052 (2006.01) C07D 495/04 (2006.01) C07D 513/04 (2006.01)**

[25] EN

[54] **FUSED PYRIMIDINES AS INHIBITORS OF P97 COMPLEX**

[54] **PYRIMIDINES FUSIONNEES EN TANT QU'INHIBITEURS DU COMPLEXE P97**

[72] ZHOU, HAN-JIE, US

[72] PARLATI, FRANCESCO, US

[72] WUSTROW, DAVID, US

[71] CLEAVE BIOSCIENCES, INC., US

[85] 2015-01-20

[86] 2013-07-19 (PCT/US2013/051358)

[87] (WO2014/015291)

[30] US (61/674,144) 2012-07-20

[30] US (61/737,666) 2012-12-14

[21] **2,879,790**
[13] A1

[51] **Int.Cl. B29C 65/00 (2006.01) B65B 7/28 (2006.01) B65D 17/50 (2006.01)**

[25] EN

[54] **METAL CANS WITH PEELABLE LIDS**

[54] **CANETTES METALLIQUES A COUVERCLES PELABLES**

[72] COMBE, FLORIAN CHRISTIAN GREGORY, GB

[71] CROWN PACKAGING TECHNOLOGY, INC., US

[85] 2015-01-21

[86] 2013-08-06 (PCT/GB2013/052093)

[87] (WO2014/027180)

[30] GB (1214716.1) 2012-08-17

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[21] **2,879,792**
[13] A1

[51] **Int.Cl. C07D 249/08 (2006.01) A61K 31/4196 (2006.01) A61P 7/00 (2006.01)**

[25] EN

[54] **MULTICOMPONENT CRYSTALLINE SYSTEM COMPRISING DEFERASIROX AND ISONICOTINAMIDE AND A PROCESS FOR THE PREPARATION THEREOF**

[54] **SYSTEME CRISTALLIN MULTICOMPOSANT COMPRENANT DU DEFERASIROX ET DE L'ISONICOTINAMIDE ET UN PROCEDE POUR LA PREPARATION DE CEUX-CI**

[72] HAFNER, ANDREAS, CH
[72] BLATTER, FRITZ, CH
[72] RODEL, EVA, CH
[72] SZELAGIEWICZ, MARTIN, CH
[72] CHIODO, TIZIANA, DE
[72] HINTERMANN, TOBIAS, CH
[72] SALVADOR, BEATE, DE
[72] VOSSEN, MARCUS, DE
[71] BASF SE, DE
[85] 2015-01-22
[86] 2013-08-05 (PCT/EP2013/066360)
[87] (WO2014/023682)
[30] US (61/679800) 2012-08-06
[30] EP (12179346.7) 2012-08-06

[21] **2,879,794**
[13] A1

[51] **Int.Cl. A01N 43/80 (2006.01) A01P 7/00 (2006.01)**

[25] EN

[54] **METHODS OF SOIL PEST CONTROL**

[54] **PROCEDES DE LUTTE ANTIPARASITAIRE POUR LES SOLS**

[72] EL QACEMI, MYRIEM, CH
[72] CASSAYRE, JEROME YVES, CH
[72] KURTZ, BENEDIKT, CH
[71] SYNGENTIA PARTICIPATIONS AG, CH
[85] 2015-01-22
[86] 2013-08-09 (PCT/EP2013/066691)
[87] (WO2014/029639)
[30] EP (12181767.0) 2012-08-24
[30] EP (12195023.2) 2012-11-30

[21] **2,879,795**
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR DETECTION OF HERPES SIMPLEX VIRUS 1 AND 2**

[54] **COMPOSITIONS ET PROCEDES POUR LA DETECTION DU VIRUS DE L'HERPES SIMPLEX 1 ET 2**

[72] WU, XIAONING, US
[72] YOUNG, KAREN, US
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-22
[86] 2013-08-15 (PCT/EP2013/067087)
[87] (WO2014/027066)
[30] US (13/588,943) 2012-08-17

[21] **2,879,796**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01)**

[25] EN

[54] **NOVEL PYRIDINE DERIVATIVES**

[54] **NOUVEAUX DERIVES DE PYRIDINE**

[72] ANSELM, LILLI, DE
[72] BANNER, DAVID, CH
[72] HAAP, WOLFGANG, DE
[72] KUHN, BERND, CH
[72] LUEBBERS, THOMAS, DE
[72] PETERS, JENS-UWE, DE
[72] SPINNLER, BEAT, CH
[71] F. HOFFMAN-LA ROCHE AG, CH
[85] 2015-01-22
[86] 2013-08-19 (PCT/EP2013/067218)
[87] (WO2014/029722)
[30] EP (12181247.3) 2012-08-21

[21] **2,879,797**
[13] A1

[51] **Int.Cl. B65D 75/00 (2006.01) B65D 33/00 (2006.01) B65D 75/52 (2006.01) B65D 75/54 (2006.01) B65D 75/58 (2006.01)**

[25] EN

[54] **FLEXIBLE CONTAINERS HAVING A DECORATION PANEL**

[54] **RECIPIENTS FLEXIBLES DOTES D'UN PANNEAU DE DECORATION**

[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] BERG, CHARLES JOHN, JR., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-21
[86] 2013-05-07 (PCT/US2013/039804)
[87] (WO2013/169684)
[30] US (61/643,813) 2012-05-07
[30] US (61/643,823) 2012-05-07
[30] US (61/676,042) 2012-07-26
[30] US (61/680,045) 2012-08-06
[30] US (61/727,961) 2012-11-19
[30] US (61/780,039) 2013-03-13
[30] US (61/782,219) 2013-03-14
[30] US (61/782,951) 2013-03-14
[30] US (61/782,859) 2013-03-14
[30] US (61/782,757) 2013-03-14
[30] US (61/789,135) 2013-03-15

[21] **2,879,799**
[13] A1

[51] **Int.Cl. A47K 10/22 (2006.01) A47K 10/16 (2006.01)**

[25] EN

[54] **CENTER SPREADER ADAPTER TOOL FOR TOILET PAPER ROLLS AND PAPER TOWEL ROLLS THAT DO NOT HAVE INNER CARDBOARD TUBES**

[54] **OUTIL ADAPTATEUR DE CENTREUR POUR ROULEAUX DE PAPIER TOILETTE ET ROULEAUX DE PAPIER ABSORBANT QUI NE POSSEDENT PAS DE TUBES EN CARTON INTERNES**

[72] MYRON, RICHARD, US
[71] MYRON, RICHARD, US
[85] 2015-01-21
[86] 2013-06-19 (PCT/US2013/046523)
[87] (WO2014/022007)
[30] US (61/677,659) 2012-07-31
[30] US (13/750,045) 2013-01-25

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[21] **2,879,801**

[13] A1

[51] **Int.Cl. F16B 35/04 (2006.01)**

[25] EN

[54] **TACK SCREW**

[54] **PUNAISE**

[72] MALONEY, MICHAEL, US

[71] PEM MANAGEMENT, INC., US

[85] 2015-01-21

[86] 2013-07-09 (PCT/US2013/049639)

[87] (WO2014/014699)

[30] US (61/672,320) 2012-07-17

[21] **2,879,802**

[13] A1

[51] **Int.Cl. G01S 7/288 (2006.01)**

[25] EN

[54] **OPEN LOOP POWER**

OSCILLATOR DOPPLER RADAR

[54] **RADAR DOPPLER A**

OSCILLATEUR DE PUISSANCE

EN BOUCLE OUVERTE

[72] STEWART, HAMILTON MORRIS,
US

[72] LAUFER, ERIC DAVID, US

[71] LAUFER WIND GROUP LLC, US

[85] 2015-01-21

[86] 2013-07-16 (PCT/US2013/050724)

[87] (WO2014/018315)

[30] US (61/675,120) 2012-07-24

[30] US (13/832,423) 2013-03-15

[21] **2,879,809**

[13] A1

[51] **Int.Cl. A01M 1/14 (2006.01) H01R
25/16 (2006.01)**

[25] EN

[54] **COMBINED POWER BAR AND
BED BUG TRAP**

[54] **BARRE D'ALIMENTATION ET
PIEGE A PUNAISES DE LIT
COMBINES**

[72] VASUDEVA, KAILASH C., CA

[71] VASUDEVA, KAILASH C., CA

[85] 2015-01-08

[86] 2013-08-01 (PCT/CA2013/000681)

[87] (WO2014/019073)

[30] US (61/678142) 2012-08-01

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] 2,855,772 [13] A1</p> <p>[51] Int.Cl. G06F 12/16 (2006.01) G06F 11/30 (2006.01) H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD OF PERFORMING CONTINUOUS BACKUP OF A DATA FILE ON A COMPUTING DEVICE</p> <p>[54] SYSTEME ET PROCEDE D'EXECUTION D'UNE SAUVEGARDE CONTINUE D'UN FICHIER DE DONNEES DANS UN APPAREIL INFORMATIQUE</p> <p>[72] JEWELL, TIMOTHY R., CA</p> <p>[71] ACPANA BUSINESS SYSTEMS INC., CA</p> <p>[22] 2014-07-04</p> <p>[41] 2015-01-04</p> <p>[30] US (61/843,005) 2013-07-04</p>	<p style="text-align: center;">[21] 2,872,390 [13] A1</p> <p>[51] Int.Cl. A61F 5/56 (2006.01)</p> <p>[25] EN</p> <p>[54] VALVED NASAL CANNULA</p> <p>[54] CANULE NASALE AVEC VALVE</p> <p>[72] ROBITAILLE, JEAN-PIERRE, CA</p> <p>[71] ROBITAILLE, JEAN-PIERRE, CA</p> <p>[22] 2007-05-18</p> <p>[41] 2007-11-29</p> <p>[62] 2,653,766</p> <p>[30] GB (0610171.1) 2006-05-23</p>	<p style="text-align: center;">[21] 2,874,756 [13] A1</p> <p>[51] Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) C12N 9/12 (2006.01) G01N 33/53 (2006.01) C12Q 1/48 (2006.01)</p> <p>[25] EN</p> <p>[54] INHIBITORS OF BRUTON'S TYROSINE KINASE</p> <p>[54] INHIBITEURS DE LA TYROSINE KINASE DE BRUTON</p> <p>[72] HONIGBERG, LEE, US</p> <p>[72] VERNER, ERIK, US</p> <p>[72] BUGGY, JOSEPH J., US</p> <p>[72] LOURY, DAVID, US</p> <p>[72] CHEN, WEI, US</p> <p>[71] PHARMACYCLICS, INC., US</p> <p>[22] 2008-03-27</p> <p>[41] 2008-10-09</p> <p>[62] 2,681,756</p> <p>[30] US (11/692,870) 2007-03-28</p> <p>[30] US (11/964,285) 2007-12-26</p> <p>[30] US (61/017,125) 2007-12-27</p>
<p style="text-align: center;">[21] 2,870,254 [13] A1</p> <p>[51] Int.Cl. G06K 9/00 (2006.01) A61B 5/117 (2006.01) G06K 9/62 (2006.01) G06F 21/32 (2013.01)</p> <p>[25] EN</p> <p>[54] MULTIMODAL BIOMETRIC PLATFORM</p> <p>[54] PLATE-FORME BIOMETRIQUE MULTIMODALE</p> <p>[72] WILLIS, WILLIAM FREDERIC, US</p> <p>[72] MILLER, JAMES S., US</p> <p>[72] LAU, JOHANN H., US</p> <p>[72] DLAB, DANIEL, CA</p> <p>[71] IMAGEWARE SYSTEMS, INC., US</p> <p>[22] 2005-11-15</p> <p>[41] 2006-05-26</p> <p>[62] 2,588,078</p> <p>[30] US (10/991,352) 2004-11-16</p> <p>[30] US (60/663,310) 2005-03-17</p>	<p style="text-align: center;">[21] 2,873,296 [13] A1</p> <p>[51] Int.Cl. E21B 33/138 (2006.01) C09K 8/42 (2006.01)</p> <p>[25] EN</p> <p>[54] SEALANT COMPOSITIONS AND METHODS UTILIZING NANOPARTICLES</p> <p>[54] COMPOSITIONS DE MATIERE D'ETANCHEITE ET PROCEDES CORRESPONDANTS UTILISANT DES NANOPARTICULES</p> <p>[72] RODDY, CRAIG WAYNE, US</p> <p>[72] COVINGTON, RICKY L., US</p> <p>[71] HALLIBURTON ENERGY SERVICES, INC., US</p> <p>[22] 2010-09-24</p> <p>[41] 2011-03-31</p> <p>[62] 2,774,302</p> <p>[30] US (12/567,783) 2009-09-27</p>	<p style="text-align: center;">[21] 2,875,023 [13] A1</p> <p>[51] Int.Cl. A45D 34/06 (2006.01) A45D 34/04 (2006.01) A45D 40/04 (2006.01)</p> <p>[25] EN</p> <p>[54] MULTI-UNIT COSMETIC APPLICATOR</p> <p>[54] APPLICATEUR DE PRODUIT COSMETIQUE A PLUSIEURS UNITES</p> <p>[72] PORTER, KRISTOPHER, US</p> <p>[72] PECHKO, ANDREW H., US</p> <p>[72] KUREK, JOHN S., US</p> <p>[71] AVON PRODUCTS, INC., US</p> <p>[22] 2008-07-23</p> <p>[41] 2010-01-14</p> <p>[62] 2,728,080</p> <p>[30] US (12/169,933) 2008-07-09</p>

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,875,082**
[13] A1

[51] **Int.Cl. A45D 34/06 (2006.01) A45D 34/04 (2006.01) A45D 40/04 (2006.01)**
[25] EN
[54] **MULTI-UNIT COSMETIC APPLICATOR**
[54] **APPLICATEUR DE PRODUIT COSMETIQUE A PLUSIEURS UNITES**
[72] PORTER, KRISTOPHER, US
[72] PECHKO, ANDREW H., US
[72] KUREK, JOHN S., US
[71] AVON PRODUCTS, INC., US
[22] 2008-07-23
[41] 2010-01-14
[62] 2,728,080
[30] US (12/169,933) 2008-07-09

[21] **2,875,095**
[13] A1

[51] **Int.Cl. C07C 211/14 (2006.01) A61K 31/132 (2006.01) C07C 209/48 (2006.01) C07C 209/62 (2006.01) C07D 233/02 (2006.01)**
[25] EN
[54] **SYNTHESIS OF TRIETHYLENETETRAMINES**
[54] **SYNTHESE DE TRIETHYLENETETRAMINES**
[72] JONAS, MARCO, CH
[72] VAULONT, IRENE, CH
[72] SOI, ANTONIO, CH
[72] SCHMIDT, GUNTHER, CH
[71] PHILERA NEW ZEALAND LIMITED, NZ
[22] 2005-07-19
[41] 2006-03-16
[62] 2,577,634
[30] US (60/589,080) 2004-07-19

[21] **2,875,278**
[13] A1

[51] **Int.Cl. G05B 19/04 (2006.01) H04W 84/18 (2009.01) A61H 33/00 (2006.01) G05B 19/042 (2006.01) G08C 17/00 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **BATHING UNIT CONTROL SYSTEM PROVIDING MULTIMEDIA FUNCTIONALITY, TELEPHONE FUNCTIONALITY AND DATA NETWORK ACCESS FUNCTIONALITY AND BATHING UNIT SYSTEM INCLUDING SAME**
[54] **SYSTEME DE COMMANDE DE BAIGNOIRE FOURNISSANT UNE FONCTIONNALITE MULTIMEDIA, UNE FONCTIONNALITE DE TELEPHONE ET UNE FONCTIONNALITE D'ACCES A UN RESEAU DE DONNEES ET SYSTEME DE BAIGNOIRE ASSOCIE**
[72] LAFLAMME, BENOIT, CA
[72] BEGIN, MICHEL, CA
[72] BROCHU, CHRISTIAN, CA
[71] GROUPE GECKO ALLIANCE INC., CA
[22] 2007-02-28
[41] 2008-08-26
[62] 2,579,949
[30] US (60/891,637) 2007-02-26

[21] **2,875,284**
[13] A1

[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/32 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **FLASHBACK CHAMBER VISUAL ENHANCEMENT**
[54] **AMELIORATION DE LA VISIBILITE DANS UNE CHAMBRE DE DEBORDEMENT**
[72] CARLYON, JAMES L., US
[72] FISER, RICHARD L., US
[72] SCHRADER, EUGENE F., US
[71] TYCO HEALTHCARE GROUP LP, US
[22] 2007-09-28
[41] 2008-04-10
[62] 2,663,008
[30] US (60/848,250) 2006-09-29

[21] **2,875,298**
[13] A1

[51] **Int.Cl. C12N 7/04 (2006.01) C12N 5/07 (2010.01) A61K 9/14 (2006.01) A61K 35/76 (2015.01) A61K 39/12 (2006.01) C07K 14/025 (2006.01) C12N 7/01 (2006.01) C12N 15/86 (2006.01) C12Q 1/70 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR DISASSEMBLY/REASSEMBLY OF PAPILLOMAVIRUS VIRUS-LIKE PARTICLES (VLPs)**
[54] **METHODE DE DESASSEMBLAGE-REASSEMBLAGE IN VITRO DE PARTICULES VIROIDES (VLP) DU PAPILLOMAVIRUS**
[72] MCCARTHY, MICHAEL P., US
[72] SUZICH, JOANNE A., US
[71] MEDIMMUNE, INC., US
[22] 2000-12-08
[41] 2001-06-14
[62] 2,394,052
[30] US (09/457,594) 1999-12-09

[21] **2,875,310**
[13] A1

[51] **Int.Cl. C12N 15/13 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ANTIBODY TARGETING OSTEOCLAST-RELATED PROTEIN SIGLEC-15**
[54] **ANTICORPS CIBLANT LA PROTEINE SIGLEC-15 LIEE AUX OSTEOCLASTES**
[72] HIRUMA, YOSHIHARU, JP
[72] TSUDA, EISUKE, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[22] 2008-10-08
[41] 2009-04-16
[62] 2,698,326
[30] JP (2007-265420) 2007-10-11

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,875,319**
[13] A1

[51] **Int.Cl. C12P 7/46 (2006.01) A23K 1/16 (2006.01) A23L 1/03 (2006.01) A61K 8/362 (2006.01) A61K 31/194 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 9/02 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/60 (2006.01) C12N 15/80 (2006.01)**

[25] EN
[54] **SUCCINIC ACID PRODUCTION IN A EUKARYOTIC CELL**

[54] **PRODUCTION D'ACIDE SUCCINIQUE DANS UNE CELLULE EUCARYOTE**

[72] VERWAAL, RENE, NL
[72] WU, LIANG, NL
[72] DAMVELD, ROBBERTUS ANTONIUS, NL
[72] SAGT, CORNELIS MARIA JACOBUS, NL
[71] DSM IP ASSESTS B.V., NL
[22] 2008-11-14
[41] 2009-05-28
[62] 2,704,654
[30] EP (07121117.1) 2007-11-20
[30] EP (07121120.5) 2007-11-20
[30] EP (07121113.0) 2007-11-20
[30] EP (08156961.8) 2008-05-27
[30] EP (08156960.0) 2008-05-27
[30] EP (08156959.2) 2008-05-27

[21] **2,875,558**
[13] A1

[51] **Int.Cl. A61K 36/8962 (2006.01) A61K 31/26 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01) A61P 33/14 (2006.01)**

[25] EN
[54] **METHODS AND FEED COMPOSITIONS FOR MASKING OF FISH SEMIOCHEMICALS**

[54] **PROCEDES ET COMPOSITIONS D'ALIMENTS POUR MASQUER DES PRODUITS SEMIOCHIMIQUES POUR POISSONS**

[72] WADSWORTH, SIMON, NO
[72] VECINO, JOSE LUIS GONZALEZ, NO
[72] PINO, JORGE, CL
[72] MORDUE, JENNY, GB
[71] EWOS INNOVATION AS, NO
[22] 2010-12-02
[41] 2011-06-09
[62] 2,782,653
[30] NO (20093460) 2009-12-02

[21] **2,875,813**
[13] A1

[51] **Int.Cl. C12N 15/31 (2006.01) A61K 39/02 (2006.01) A61K 39/085 (2006.01) A61K 39/40 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/195 (2006.01) C07K 14/31 (2006.01) C07K 14/32 (2006.01) C07K 16/12 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**

[25] EN
[54] **ANTIGENIC BACTERIAL POLYPEPTIDES AS VACCINES**

[54] **POLYPEPTIDES BACTERIENS ANTIGENIQUES COMME VACCINS**

[72] FOSTER, SIMON J., GB
[72] GARCIA-LARA, JORGE, GB
[71] ABSYNTH BIOLOGICS LTD, GB
[22] 2006-03-08
[41] 2006-09-28
[62] 2,602,279
[30] GB (0505949.8) 2005-03-23

[21] **2,876,467**
[13] A1

[51] **Int.Cl. B65D 90/26 (2006.01) B60P 3/22 (2006.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR PREVENTING TANKER TRUCK OVERFILL**

[54] **SYSTEME ET PROCEDE DE PREVENTION DE TROP-PLEIN DE CAMION-CITERNE**

[72] DOBSON, GLYN, CA
[72] JONES, MATHEW PETER, CA
[71] ADVANCE SPILL PROTECTION SYSTEMS INC., CA
[22] 2013-03-21
[41] 2014-09-21
[62] 2,810,380

[21] **2,876,482**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 7/00 (2006.01) E21B 33/14 (2006.01)**

[25] EN
[54] **MANAGED PRESSURE CEMENTING**

[54] **CIMENTATION PAR PRESSION**

[72] HANNEGAN, DON M., US
[72] PENA, CESAR, US
[72] PAVEL, DAVID, US
[72] GRAYSON, MICHAEL BRIAN, US
[72] BOUTALBI, SAID, US
[72] COOPER, TODD DOUGLAS, US
[72] DUNN, TIMOTHY P., US
[72] ZAMORA, FRANK, JR., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2012-11-14
[41] 2013-05-16
[62] 2,795,818
[30] US (61/560,500) 2011-11-16

[21] **2,876,594**
[13] A1

[51] **Int.Cl. E21D 20/00 (2006.01) E21D 21/00 (2006.01)**

[25] EN
[54] **ROCK BOLTING SYSTEM, METHOD OF INSTALLING ROCK BOLTS, AND FLEXIBLE BOLT CENTRALIZER**

[54] **SYSTEME DE BOULONS D'ANCRAGE, METHODE D'INSTALLATION DE BOULONS DE ROCHE ET CENTREUR DE BOULON FLEXIBLE**

[72] NELSON, YVES, CA
[71] 1311854 ONTARIO LIMITED, CA
[22] 2012-10-22
[41] 2014-04-22
[62] 2,792,592

[21] **2,876,602**
[13] A1

[51] **Int.Cl. G01N 35/10 (2006.01) G01N 1/34 (2006.01) G01N 35/02 (2006.01)**

[25] EN
[54] **AUTOMATED ULTRA-FILTRATION SYSTEM**

[54] **SYSTEME AUTOMATISE D'ULTRAFILTRATION**

[72] SAMSOONDAR, JAMES, CA
[71] CHROMEDX CORP., CA
[22] 2013-12-06
[41] 2014-06-12
[62] 2,870,368
[30] US (61/735,041) 2012-12-09

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,876,665**
[13] A1

[51] **Int.Cl. B01F 15/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VOLUMETRICALLY CONTROLLING A MIXING APPARATUS**

[54] **SYSTEMES ET PROCEDES DE COMMANDE VOLUMETRIQUE D'UN APPAREIL DE MELANGE**

[72] DYKSTRA, JASON D., US
[72] BORGSTADT, JUSTIN A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2006-12-29
[41] 2007-07-12
[62] 2,635,515
[30] US (11/323,322) 2005-12-30
[30] US (11/323,324) 2005-12-30

[21] **2,876,667**
[13] A1

[51] **Int.Cl. B01F 15/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VOLUMETRICALLY CONTROLLING A MIXING APPARATUS**

[54] **SYSTEMES ET PROCEDES DE COMMANDE VOLUMETRIQUE D'UN APPAREIL DE MELANGE**

[72] DYKSTRA, JASON D., US
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[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2006-12-29
[41] 2007-07-12
[62] 2,635,515
[30] US (11/323,322) 2005-12-30
[30] US (11/323,324) 2005-12-30

[21] **2,876,670**
[13] A1

[51] **Int.Cl. B01F 15/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VOLUMETRICALLY CONTROLLING A MIXING APPARATUS**

[54] **SYSTEMES ET PROCEDES DE COMMANDE VOLUMETRIQUE D'UN APPAREIL DE MELANGE**

[72] DYKSTRA, JASON D., US
[72] BORGSTADT, JUSTIN A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2006-12-29
[41] 2007-07-12
[62] 2,635,515
[30] US (11/323,322) 2005-12-30
[30] US (11/323,324) 2005-12-30

[21] **2,876,772**
[13] A1

[51] **Int.Cl. F16M 11/14 (2006.01) F16M 11/18 (2006.01) G03B 17/00 (2006.01)**
[25] EN
[54] **GIMBAL SYSTEM**

[54] **SUSPENSION A CARDAN**

[72] DENT, GREGORY D., US
[72] WEAVER, JAMES H., US
[72] WILTSE, JOHN M., US
[72] ELLISON, BRUCE, US
[71] FLIR SYSTEMS, INC., US

[22] 2005-09-29
[41] 2006-04-01
[62] 2,828,573
[30] US (10/956,738) 2004-10-01
[30] US (10/956,739) 2004-10-01

[21] **2,876,779**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/417 (2006.01) A61K 31/4178 (2006.01) A61K 31/497 (2006.01) A61K 31/498 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) A61P 37/02 (2006.01) C07D 233/64 (2006.01)**
[25] EN
[54] **MODULATORS OF TNF-.ALPHA. SIGNALING**

[54] **MODULATEURS DE MARQUAGE DU TNF-.ALPHA.**

[72] WILLIAMS, JOHN M., US
[72] BIEMANN, HANS-PETER, US
[72] JANJIGIAN, ANDREW, US
[72] SNEDDON, SCOTT F., US
[72] KANE, JOHN L., US
[72] HIRTH, BRADFORD H., US
[72] VINICK, FRED, US
[72] QIAO, SHUANG, US
[72] NAHILL, SHARON R., US
[71] GENZYME CORPORATION, US

[22] 2001-05-10
[41] 2001-11-22
[62] 2,781,858
[30] US (60/203,784) 2000-05-12
[30] US (60/205,213) 2000-05-18

[21] **2,876,795**
[13] A1

[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/159 (2014.01) H04N 19/184 (2014.01) H04N 19/44 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO, AND METHOD AND APPARATUS FOR DECODING VIDEO**

[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO ET PROCEDE ET APPAREIL DE DECODAGE VIDEO**

[72] CHEN, JIANLE, KR
[72] CHEON, MIN-SU, KR
[72] LEE, JAE-CHOO, KR
[72] MIN, JUNG-HYE, KR
[72] JUNG, HAE-KYUNG, KR
[72] KIM, IL-KOO, KR
[72] LEE, SANG-RAE, KR
[72] LEE, KYO-HYUK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[22] 2010-08-13
[41] 2011-02-17
[62] 2,770,991
[30] KR (10-2009-0075335) 2009-08-14

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[21] **2,876,822**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 31/7105 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **COMBINATION THERAPY FOR THE TREATMENT OF OCULAR NEOVASCULAR DISORDERS**

[54] **POLYTHERAPIE POUR LE TRAITEMENT DE TROUBLES NEOVASCULAIRES OCULAIRES**

[72] SHIMA, DAVID, US

[72] CALIAS, PERRY, US

[72] ADAMIS, ANTHONY P., US

[71] OPHTHOTECH CORPORATION, US

[22] 2004-08-26

[41] 2005-03-10

[62] 2,536,912

[30] US (60/498,407) 2003-08-27

[30] US (60/556,837) 2004-03-26

[21] **2,877,320**
[13] A1

[51] **Int.Cl. C08L 101/00 (2006.01) B29C 47/04 (2006.01) C08J 3/20 (2006.01) C08K 3/08 (2006.01) C08K 7/18 (2006.01) C08K 9/00 (2006.01)**

[25] EN

[54] **METAL POLYMER COMPOSITE, A METHOD FOR ITS EXTRUSION AND SHAPED ARTICLES MADE THEREFROM**

[54] **PROCEDE D'EXTRUSION PERMETTANT DE FORMER UN COMPOSITE POLYMER-METAL POSSEDANT DES PROPRIETES AMELIOREES**

[72] HEIKKILA, KURT E., US

[71] TUNDRA COMPOSITES, LLC, US

[22] 2004-11-12

[41] 2005-06-02

[62] 2,546,109

[30] US (60/520,507) 2003-11-14

[30] US (60/571,060) 2004-05-14

[30] US (60/571,456) 2004-05-14

[21] **2,878,309**
[13] A1

[51] **Int.Cl. A61F 2/08 (2006.01) A61B 17/42 (2006.01) A61F 2/02 (2006.01) A61M 29/00 (2006.01)**

[25] EN

[54] **SURGICAL IMPLANTS AND RELATED METHODS AND SYSTEMS**

[54] **IMPLANTS CHIRURGICAUX, METHODES ASSOCIEES ET SYSTEMES**

[72] ARNAL, KEVIN R., US

[72] HAUSCHILD, SIDNEY F., US

[72] LUND, ROBERT E., US

[72] ROYCHOWDHURY, SURANJAN, US

[72] VANCELETTE, DAVID W., US

[71] AMS RESEARCH CORPORATION, US

[22] 2006-02-03

[41] 2006-08-10

[62] 2,596,360

[30] US (60/650,208) 2005-02-04

[30] US (60/650,209) 2005-02-04

[30] US (60/650,207) 2005-02-04

[30] US (60/659,504) 2005-03-08

[30] US (60/659,714) 2005-03-08

[30] US (60/677,457) 2005-05-04

[30] US (60/683,185) 2005-05-20

[21] **2,878,598**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01) A61M 25/088 (2006.01)**

[25] EN

[54] **INTEGRATED HEART VALVE DELIVERY SYSTEM**

[54] **SYSTEME INTEGRE DE TRANSPORT DE VALVULE CARDIAQUE**

[72] MARCHAND, PHILIPPE, US

[72] TAYLOR, DAVID M., US

[72] MILICH, ROBERT, JR., US

[72] EVANS, DAVID J., US

[72] CHIA, CHRISTOPHER, US

[72] CAYABYAB, RONALDO, US

[72] BOWES, ROBERT ROYAL, US

[71] EDWARDS LIFESCIENCES CORPORATION, US

[22] 2007-09-10

[41] 2008-03-13

[62] 2,642,350

[30] US (60/843,470) 2006-09-08

[21] **2,878,737**
[13] A1

[51] **Int.Cl. H04W 52/08 (2009.01) H04W 52/10 (2009.01) H04W 52/18 (2009.01)**

[25] EN

[54] **COMBINED OPEN LOOP/CLOSED LOOP (CQI-BASED) UPLINK TRANSMIT POWER CONTROL WITH INTERFERENCE MITIGATION FOR E-UTRA**

[54] **COMMANDE DE PUISSANCE D'EMISSION AMONT (A CQI) A BOUCLE OUVERTE ET A BOUCLE FERMEE COMBINEE AVEC ATTENUATION D'INTERFERENCE POUR E-UTRA**

[72] SHIN, SUNG-HYUK, US

[72] GRIECO, DONALD M., US

[72] OLESEN, ROBERT L., US

[71] INTERDIGITAL TECHNOLOGY CORPORATION, US

[22] 2007-09-26

[41] 2008-04-10

[62] 2,665,178

[30] US (60/827,965) 2006-10-03

[30] US (60/863,188) 2006-10-27

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] 2,878,749 [13] A1	[21] 2,878,766 [13] A1
[51] Int.Cl. B60W 40/08 (2012.01) A61B 5/00 (2006.01)	[51] Int.Cl. G10L 19/018 (2013.01) H04H 60/37 (2009.01) H04H 60/58 (2009.01) H04N 21/8358 (2011.01) G10L 19/16 (2013.01) H04L 1/00 (2006.01) H04N 19/61 (2014.01)
[25] EN	[25] EN
[54] SYSTEMS, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING HEALTH AND ERGONOMIC STATUS OF DRIVERS OF VEHICLES	[54] COMPRESSED DOMAIN ENCODING APPARATUS AND METHODS FOR USE WITH MEDIA SIGNALS
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[72] HORSEMAN, SAMANTHA J., SA	[72] PRICE, LOIS, US
[71] SAUDI ARABIAN OIL COMPANY, SA	[72] RAMASWAMY, ARUN, US
[22] 2012-07-03	[72] COOPER, SCOTT, US
[41] 2013-01-10	[71] THE NIELSEN COMPANY (US), LLC, US
[62] 2,840,981	[22] 2005-04-19
[30] US (61/504,638) 2011-07-05	[41] 2006-09-21
[30] US (61/659,790) 2012-06-14	[62] 2,600,874
[30] US (61/659,796) 2012-06-14	[30] US (60/661,527) 2005-03-14
[30] US (61/659,800) 2012-06-14	
[30] US (61/659,807) 2012-06-14	
[30] US (61/659,810) 2012-06-14	
[30] US (61/659,818) 2012-06-14	
[30] US (61/659,824) 2012-06-14	
[30] US (61/659,831) 2012-06-14	
[30] US (61/664,387) 2012-06-26	
[30] US (61/664,399) 2012-06-26	
[30] US (61/664,414) 2012-06-26	
[30] US (13/540,374) 2012-07-02	

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INC.	2,648,895	BURCIAGA, SONIA H.	2,672,748	CHEN, YUAN-JU	2,800,683
BIONUMERIK		BURG, JOSEF	2,692,612	CHEN, ZHIRONG	2,619,040
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& CO KG	2,696,389	CANDELORE, BRANT L.	2,748,417	COMPANY	2,609,936
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HIZEM, MEHDI	2,559,119	ILLUMINOSS MEDICAL, INC.	2,650,497	JULBE, ANNE	2,634,204
HOCHLAND NATEC GMBH	2,710,785	ILOC TECHNOLOGIES INC.	2,848,937	JUNG, BIRGIT	2,537,473
HODJAT, YAHYA	2,761,644	IMBERT, ELLIOT	2,645,614	JUNGWIRTH, PAUL	2,576,099
HOELZLWIMMER, RAINER	2,783,460	IMPERIAL OIL RESOURCES LIMITED	2,803,977	JUNGWIRTH, PAUL	2,619,613
HOESEL, JERET	2,609,936	INADA, TETSUGO	2,779,066	JURIC, NICHOLAS C.	2,776,372
HOGIE, JEAN-PAUL	2,696,223	INNOVATA BIOMED LIMITED	2,561,766	JUSTIN, MICHAEL JAMES	2,535,155
HOLDEN, STEVEN L.	2,808,529	INNOVIVE, INC.	2,660,950	JVM CO., LTD.	2,735,105
HOLLADAY, JAMELYN D.	2,633,330	INOEX INVESTMENT CORPORATION	2,726,988	KABUSHIKI KAISHA TOSHIBA	2,810,375
HOLLIGER, DANIEL	2,657,796	INSIGHTFUL CORPORATION	2,603,515	KAFKIS, MARIA ECONOMOPOULOS	2,779,020
HOLLIN, MICHAEL ANDREW	2,616,312	INSTITUT NATIONAL D'OPTIQUE	2,727,985	KAISER, ERIC J.	2,798,668
HOLMEN, MALIN	2,796,137	INTELLIGENT ENERGY LIMITED	2,644,342	KALEDIN, LEONID A.	2,646,192
HOLMES, ANTHONY	2,602,218	INTERPLAST PACKAGING, INC.	2,588,405	KALVERKAMP, KLEMENS	2,548,825
HON, JEFF	2,586,758	INVACARE CORPORATION	2,730,354	KALYANARAMAN, MOHAN	2,710,510
HONARD, MARK R.	2,678,694	INVENTIO AG	2,680,446	KANAZIREV, VLADISLAV IVANOV	2,608,584
HONDA MOTOR CO., LTD.	2,705,180	ISAGRO S.P.A.	2,857,175	KANDALAFT, NABEEH	2,829,986
HONDA MOTOR CO., LTD.	2,779,916	ISHII, TORU	2,779,818	KANG, SEUNG H.	2,711,305
HONEYWELL INTERNATIONAL INC.	2,568,553	ISHIKAWA, RYUHEI	2,684,280	KAPLAN, ANETT	2,636,212
HONG, HUABIN	2,619,040	ISHIKURA, JUN	2,590,030	KAPOOR, ROHIT	2,844,496
HONG, JIAWEI	2,747,118	ISO, YOSHIYUKI	2,779,818	KARA, ARDA	2,816,828
HORI, MASUHISA	2,671,670	ISOMURA, MAKOTO	2,705,180	KARABELAS, GEORGE	2,655,503
HORLOCK, ANDREW J.	2,725,280	ITXC IP HOLDINGS S.A.R.L.	2,650,029	KARELSE, ANNE	2,643,112
HORN, RODNEY SAMUEL	2,628,292	IVANOVA, SVETLANA	2,671,862	KARIM, NAIMUL	2,605,761
HORTON, JR., JOSEPH ARNO	2,650,089	J&J SOLUTIONS, INC.	2,723,997	KARIYA, MORITSUGU	2,779,020
HOSHINO, TETSUO	2,671,670	JACKSON, TOBY	2,632,437	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2,832,153
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KRATZER, KORNELIA	2,689,446	LEE, SANGIK	2,798,779	LOUIS, BENOIT	2,671,862
KRAUT, NORBERT	2,537,473	LEE, SUNG K.	2,818,530	LU, JIANFENG	2,770,138
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		LEFEBVRE, OLIVIER	2,689,123	LUM, RICHARD S.	2,607,637
		LEHR, CLAUD-MICHAEL	2,633,599	LUNDSTEDT, TORBJORN	2,669,162
		LEHRBACH, PHILIP RALPH	2,734,654	LUO, CHIA CHING	2,807,356
		LEK, PER	2,669,162	LUO, HONG	2,750,537
		LENG, MARK	2,735,338	LUO, YIBIN	2,682,271

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MACDONALD, MICHAEL	2,829,436	MEGTEC SYSTEMS, INC.	2,741,813	MONSANTO TECHNOLOGY LLC	2,530,427
MACHINE SOLUTIONS, INC.	2,805,537	MEIER, DIETRICH	2,516,012	MONSANTO TECHNOLOGY LLC	2,624,255
MADISON, KARL	2,684,280	MEISSNER, FRANZ	2,451,252	MONSANTO TECHNOLOGY LLC	2,847,960
MADOFF, PETER B.	2,367,069	MEMJET TECHNOLOGY LIMITED	2,767,189	MONTGOMERY, LAUTARO ASPIAZU	2,604,630
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MALVAR, THOMAS	2,624,255	MESSIER-BUGATTI-DOWTY	2,794,947	MOUNTZ, JONATHAN K.	2,795,777
MANDRE, INDREK	2,629,538	MESSIER-DOWTY LIMITED	2,743,250	MUDRY, STEPHANE	2,773,630
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MARIN BRUZOS, MARIETA	2,685,100	MIA, RASHIDUS S.	2,741,292	MULLIGAN, PATRICK J.	2,625,752
MARKS, DANIEL B.	2,816,828	MICHEL, RUDY	2,696,561	MUNDT, HANS-CHRISTIAN	2,660,762
MARLOW, JAMES K.	2,747,567	MICROLINE SURGICAL, INC.	2,552,376	MUNOZ, FATIMA	2,632,493
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MASCO CORPORATION OF INDIANA	2,793,110	MILNE, ERIC	2,666,610	NAITO, TOMONARI	2,590,030
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OHBA, AKIO	2,779,066	INTERNATIONAL, INC.	2,808,427	QUALCOMM INCORPORATED	2,714,893
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TERNOVITS, SCOTT TERPSTRA, RICHARD TERRILL, STEPHEN TERZIYSKI, SACHO HRISTOV TERZIYSKI, SACHO HRISTOV TERZIYSKI, SACHO HRISTOV	2,779,020 2,662,257 2,672,922 2,421,141 2,760,036 2,763,806	TOSHIBA MITSUBISHI- ELECTRIC INDUSTRIAL SYSTEMS CORPORATION TOTAL METER SERVICES INC. TOWNING, JAMES NEIL TOWNSEND, PETER TREIBER, LASZLO, R. TRENTI, ERASMO TREOFAN GERMANY GMBH & CO. KG	2,746,730 2,559,512 2,725,280 2,710,712 2,817,249 2,658,656 2,746,529 2,776,372	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT VERBIST, GUY LODE MAGDA MARIA VERWAAL, RENE VIB VZW VIETZ, MATTHIAS VINTON, MARK STUART VISAGIE, JACOBUS LUCAS VISHAY PM ONBOARD LTD VISIONCARE OPHTHALMIC TECHNOLOGIES INC.	2,672,922 2,421,141 2,760,036 2,763,806 2,615,594 2,616,312 2,489,860 2,744,605 2,724,203 2,709,648 2,758,810 2,770,672 2,792,608 2,672,748 2,761,644 2,797,612 2,662,358 2,724,699 2,538,520 2,674,258 2,725,280 2,747,567 2,669,846 2,600,350 2,646,042 2,773,630 2,785,750 2,798,668 2,784,554 2,749,560
TESCO CORPORATION TESCO CORPORATION TESSIER, PHILIPPE A. TETRON, INC. THAKKAR, PULIN THAYER, KARIN THE BOEING COMPANY THE BOEING COMPANY THE CLEVELAND CLINIC FOUNDATION THE CLOROX COMPANY THE GATES CORPORATION THE KOREA DEVELOPMENT BANK	2,615,594 2,616,312 2,489,860 2,744,605 2,724,203 2,709,648 2,758,810 2,770,672 2,792,608 2,672,748 2,761,644 2,797,612 2,662,358 2,724,699 2,538,520 2,674,258 2,725,280 2,747,567 2,669,846 2,600,350 2,646,042 2,773,630 2,785,750 2,798,668 2,784,554 2,749,560	TRUMAN, MICHAEL MEAD TSAKLAKIDIS, CHRISTOS TSAN, ALISON TSCHANZ, PIERRE-YVES TUPPER, STEPHEN MARK TURBODEN S.R.L. TURNAU, WILLIAM FRANKLIN, III TYCO HEALTHCARE GROUP LP TYCO HEALTHCARE GROUP LP UBE INDUSTRIES, LTD. UCHIDA, TERUTOSHI UEKI, TSUTOMU UGANDER, MARTIN ULUPINAR, FATIH UMEMURA, TOKIHIRO UMETSU, KENJI UNGER, ERICA UNI-CHARM CORPORATION UNIVERSITE LAVAL	2,736,065 2,736,065 2,740,913 2,727,406 2,651,332 2,792,237 2,776,737 2,632,493 2,678,187 2,672,134 2,779,818 2,789,927 2,650,318 2,690,620 2,810,375 2,789,927 2,549,936 2,515,926 2,489,860	WACHENDORFF-NEUMANN, ULRIKE WACKER CHEMIE AG WAERNER, THOMAS WAGLE, VIKRANT BHAVANISHANKAR WAGNER, MICHAEL WAGNER, ROLAND WAGSTAFF, ROBERT BRUCE WALBORN, JONATHAN WALKER, KEVIN	2,632,316 2,632,850 2,704,654 2,632,331 2,783,460 2,736,065 2,685,135 2,670,492 2,554,303 2,729,928 2,543,855 2,650,089 2,792,608 2,825,457 2,590,489 2,632,331 2,574,106 2,716,137 2,845,162 2,783,460 2,537,473 2,790,724 2,653,662 2,652,526 2,817,810 2,691,182 2,602,218

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7680597 CANADA INC.	2,822,624	BROADVIEW NETWORKS,		DEERE & COMPANY	2,856,913
8318808 CANADA INC.	2,857,867	INC.	2,822,126	DELKOR SYSTEMS, INC.	2,857,465
9155-0020 QUEBEC INC.	2,822,575	BROCKMAN, TED	2,855,413	DENYO KABUSHIKI KAISHA	2,857,590
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INTERNATIONAL INC.	2,863,603	CLARK, JEREMY A.	2,872,425	ERDBRUEGGER, WILHELM	2,854,529
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IDEAL SANITARY WARE CO., LTD.	2,837,482	LORENSON, TROY	2,872,736	OP-HYGIENE IP GMBH	2,857,326
INTERLOOP LIMITED	2,844,442	LOSEE, PETER ALMERN	2,856,490	OPHARDT, HEINER	2,857,326
ISABELLE, MICHAEL ALLAN	2,857,836	LU, TAO	2,822,041	OPTIPHARMA GMBH	2,857,474
ITOH, MASAO	2,856,995	MACEK, PETR	2,872,736	OSCHWALD, HANS	2,857,474
IWAI, YASUNORI	2,856,995	MACKEL VIE, WINSTON	2,821,897	OSTROVSKY, MICHAEL	2,857,863
JACKSON, STEVE	2,857,874	MACKIN, STEVE G.	2,855,867		
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MARY	2,879,357	INSTITUT DE		IWATA, YASUSHI	2,879,339
HUDSON, JOSEPH A.	2,879,745	RADIOPROTECTION ET		IWATCHLIFE INC.	2,879,571
HUGHES, ADAM D.	2,879,697	DE SURETE NUCLEAIRE	2,879,200	IYER, RAHUL	2,878,665
HUITINK, JACQUELYN, A.	2,878,988	INSTITUT NATIONAL DE LA		IYOZUMI, HIROYUKI	2,879,519
HULSKOTTER, FRANK	2,879,687	SANTE ET DE LA		IYOZUMI, HIROYUKI	2,879,539
HUMBLE, PAUL H.	2,879,159	RECHERCHE MEDICALE		JABLONSKI, LAURENT	2,878,827
HUME, JOHN A.	2,878,617	(INSERM)	2,879,281	JACKSON, CARL	2,878,730
HUNT, DAVID WILLIAM		INSTYTUT BIOCHEMII I		JACKSON, DAVID	2,879,674
CAREY	2,878,846	BIOFIZYKI POLSKIEJ		JACKSON, TRENTON FRANK	2,879,521
HUNTSMAN		AKADEMII NAUK	2,878,824	JACQUAY, BRIAN	2,879,652
INTERNATIONAL LLC	2,878,797	INSTYTUT IMMUNOLOGII I		JACQUES, WALTER	2,879,562
HUNTSMAN		TERAPII		JACTAT, PAUL-ETIENNE	2,879,517
PETROCHEMICAL LLC	2,878,707	DOSWIADCZALNEJ		JAEGER, CHRISTIANE	2,879,768
HUSSEIN, F. DAVID	2,878,582	POLSKIEJ AKADEMII		JAESCHKE, GEORG	2,879,489
HUYNH, TRAM N.	2,878,852	NAUK	2,878,824	JAIDER, ELIAS	2,879,593
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ICHE, ALEXANDRA	2,878,898	INTELLIGENT HOSPITAL		NARAHARI	2,879,687
ICON AIRCRAFT, INC.	2,878,905	SYSTEMS INC.	2,879,558	JAMES, WILLIAM NIXON	2,879,784
ICOPAL DANMARK A/S	2,879,547	INTERCONTINENTAL GREAT		JAMISON, DALE EUGENE	2,879,632
IDO, TAKAYOSHI	2,879,185	BRANDS LLC	2,879,188	JANG, MYEONG HWAN	2,879,614
IHI AEROSPACE CO., LTD.	2,879,025	INTERCONTINENTAL GREAT		JANSSEN PHARMACEUTICA	
IHI CORPORATION	2,879,025	BRANDS LLC	2,879,194	NV	2,879,126
IHI CORPORATION	2,879,264	INTERNATIONAL - DRUG -		JANSSEN SCIENCES IRELAND	
IHI CORPORATION	2,879,403	DEVELOPMENT -		UC	2,879,617
IIDA, YASUHARU	2,879,404	BIOTECH	2,878,790	JANSSEN SCIENCES IRELAND	
IKEGAWA, KEIICHI	2,878,927	INTERNATIONAL TRUCK		UC	2,879,623
ILIJAS, ABDULJELIL	2,878,634	INTELLECTUAL		JAPAN EXPERT CLONE CORP.	2,878,903
ILLINOIS TOOL WORKS INC.	2,879,372	PROPERTY COMPANY,		JAPAN EXPERT CLONE CORP.	2,878,909
ILURI, NORA	2,879,739	LLC	2,879,652	JAPAN LIFELINE CO., LTD.	2,878,821
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LECOMTE, SERGE	2,879,529	LI, SHANJUN	2,878,919	LOPER, MARIA	2,878,961
LECORNU, PAUL	2,879,660	LI, SHANJUN	2,878,930	LOPEZ, ERASMO	2,878,802
LEDDA, MIRKO AURELIO	2,879,377	LI, SHANJUN	2,879,061	LOPEZ, ERASMO	2,878,808
LEDEE, NATHALIE	2,879,467	LI, TIEJUN	2,879,575	LOPEZ, ERASMO	2,878,921
LEDOUX, FRANCOIS	2,879,254	LI, VOLKHART MIN-JIAN	2,879,456	LOPEZ, ERASMO	2,878,921
LEE MOONHEE	2,878,734	LI, WEI	2,879,458	LOPEZ, JEAN-MARC	2,879,338
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KUMAR	2,879,401	NG, GORDON YIU KON	2,878,640	UNIVERSITY	2,878,588
NACHIAPPAN,		NG, GORDON YIU KON	2,878,843	NORTON, MARK	2,879,013
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NAGAYASU, HIROMITSU	2,878,910	NI, NANTING	2,878,837	NOVARTIS AG	2,878,564
NAGY, BALAZS	2,879,345	NICHOLLS, CHARLES		NOVARTIS AG	2,879,219
NAITO, JUN	2,878,927	WILLIAM TREMLETT	2,879,226	NOVARTIS AG	2,879,477
NAKAJIMA, TETSUYA	2,879,339	NICHOLLS, CHARLES		NOVARTIS AG	2,879,548
NAKAKO, TAKEFUMI	2,879,175	WILLIAM TREMLETT	2,879,231	NOVARTIS AG	2,879,606
NAKANO MASAKATSU	2,878,909	NICHOLSON, BRENT	2,879,329	NOVARTIS AG	2,879,704
NAKANO, MASAKATSU	2,878,903	NICKOLOV, RADOSLAV		NOVEMBRE, ROBERT	2,878,850
NAKATSUJI, NORIO	2,879,624	PETROV	2,879,690	NOVINDA CORP.	2,879,319
NAKAZAWA, AKIRA	2,879,191	NICOLOSI, GIOVANNI	2,878,553	NOVOMATIC AG	2,878,996
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NAMOTO, TETSUJI	2,879,483	LIMITED	2,878,951	NOVUS INTERNATIONAL,	
NANO SPARK INC.	2,879,333	NICOVENTURES HOLDING		INC.	2,878,617
NANOMAKERS	2,878,779	LIMITED	2,878,959	NTT DOCOMO, INC.	2,878,178
NANOWAVE TECHNOLOGIES		NICOVENTURES HOLDING		NUGENT, NICHOLAS OLIVER	2,878,549
INC.	2,879,226	LIMITED	2,878,973	NUGG-IT, LLC	2,879,423
NANOWAVE TECHNOLOGIES		NICOVENTURES HOLDINGS		NUKUI, HIDEKI	2,879,519
INC.	2,879,231	LIMITED	2,878,977	NUKUI, HIDEKI	2,879,539
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RHODES TECHNOLOGIES	2,879,270	ROGERS, HENRY EUGENE	2,878,675	SAIMI, HIDETOMO	2,879,483
RHODIA OPERATIONS	2,878,197	ROGERS, PAUL	2,879,599	SAINT-GOBAIN GLASS	
RHODIA OPERATIONS	2,879,280	ROGOZINSKI, NICOLAS	2,878,675	FRANCE	2,879,055
RIAAH, BABAK	2,877,026	ROHM AND HASS COMPANY	2,879,438	SAINT-GOBAIN GLASS	
RIBER, DITTE	2,878,991	ROJAS MARTINEZ, ANTONIA		FRANCE	2,879,446
RICCI, ANTONIO	2,879,489	MARIA	2,879,331	SAINT-GOBAIN GLASS	
RICHARDSON, KURT	2,878,936	ROLSTON, STEPHEN	2,879,663	FRANCE	2,879,582
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RICHTER, HANS	2,878,804	ROMASHKA, IVAN D.	2,878,647	SAITO, TOMOYUKI	2,878,663
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RICOH COMPANY, LTD.	2,879,067	ROMERO, NICK	2,879,080	CO., LTD.	2,878,927
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RIEHL, BONNIE D.	2,879,738	ROSDAHL, FREDRIK	2,879,439	SAKURAI, MAMI	2,879,197
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RIEHL, LEE R.	2,879,738	ROSEN, ROBERT L.	2,878,690	SALK INSTITUTE FOR	
RIELAND, ELIZABETH	2,878,680	ROSENBERGER		BIOLOGICAL STUDIES	2,879,542
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RIEMANN TRADING APS	2,879,475	K GMBH & CO. KG	2,878,970	SALMON, PATRICK	2,879,514
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STRAIN, CORNELIUS J.	2,879,449	SZELAGIEWICZ, MARTIN	2,879,792	TENCENT TECHNOLOGY	
STRATO, INC.	2,878,981	SZELISKI, RICHARD	2,879,676	(SHENZHEN) COMPANY	
STRATO, INC.	2,878,990	SZKOLA GLOWNA		LIMITED	2,879,450
STRECK, INC.	2,879,638	GOSPODARSTWA		TENCENT TECHNOLOGY	
STREET, PETER F. S.	2,878,936	WIEJSKIEGO W		(SHENZHEN) COMPANY	
STRIKOVSKI, ANDREI	2,879,302	WARSAWIE	2,878,824	LIMITED	2,879,662
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STUART, MARTIN A.	2,879,746	TACHDJIAN, CATHERINE	2,879,554	TERASAKI, TAKAYUKI	2,878,826
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SUMITOMO ELECTRIC		TAM, THOMAS	2,879,710	THE BRIGHAM AND	
HARDMETAL CORP.	2,879,607	TAN, JOHN QIANG	2,879,236	WOMEN'S HOSPITAL,	
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SUN, CHENGQIN	2,879,575	TANAKA, YASUAKI	2,878,685	WOMEN'S HOSPITAL,	
SUN, GUOJING	2,878,837	TANG, MENGJIA	2,878,979	INC.	2,879,592
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