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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

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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 29, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1782*
For each additional sheet over 30	\$20
3. International Search Fee	\$1600

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

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

9. Demandes mises à la disponibilité du public

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

10. Langue du document publié

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

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1782 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

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

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

Notices

4. Late payment fee

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

4. Taxe pour paiement tardif

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

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$268

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 268 \$

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

* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$268 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$402 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

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

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

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

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

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- 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.*

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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).

15. Correspondence Procedures

May 24, 2016

This notice will replace 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.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

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](#).

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. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs 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.

Veillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

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

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

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

1. Établissements désignés

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

1. Industrie Canada
Édifce C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Industrie Canada
Édifce Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

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.

Avis

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.

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

2. Registered MailTM and XpresspostTM 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 MailTM and XpresspostTM services of Canada Post are designated establishment 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.

CIPO considers that correspondence delivered through the Registered MailTM and XpresspostTM services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next 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, applications prepared using the 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

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.

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

2. Service Courrier recommandé^{MC} et Xpresspost^{MC} 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*, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture 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-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

Notices

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.

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 that 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 Fee Payment Form to ensure expedient processing.

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 Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

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.

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'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

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

3.2 En ligne

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

Avis

Patents

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

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe 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:

- [filing a new or revised trade-mark 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](#); and
- [statement of Opposition](#); and
- [extensions of time in trade-mark opposition cases](#).

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 :

- [nouvelle demande ou demande modifiée d'enregistrement de marque de commerce](#);
- [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](#).

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Copyright

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 a 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 copyright](#).

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

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 œuvre](#),
- [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.

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prescribed in the *Patent Rules* still remain.

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: 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:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. 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.

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 labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

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: 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 :

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

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

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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.

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;

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 de brevets acceptera des disquettes 3,5 pouces, 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'OPIB encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

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;

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- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII Format:

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

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.

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.

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 1/2" 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](#).

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 « Stellant 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.

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. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 14, 2016 contains applications open to public inspection from May 29, 2016 to June 4, 2016.

17. Certified Electronic Copies Of Priority Documents

Notice on filing of certified electronic priority documents to the Canadian receiving Office

With respect to Patent Cooperation Treaty (PCT) international applications and pursuant to [PCT Rule 17.1\(a\)](#), the applicant may submit to the Canadian receiving Office (CA/RO) electronic priority documents that are digitally signed with the certificate of one of the following issuing Offices:

- National Institute of Industrial Property of Brazil;
- National Institute of Industrial Property of Portugal; or,
- United States Patent and Trademark Office.

Electronic priority documents may be uploaded into ePCT so that they will be contained in an ePCT filing package, together with the international application, for submission to CA/RO at time of filing through CIPO's e-filing using the normal two-step process. Alternatively, at the time of filing or post filing the electronic version of the priority document can be submitted to CA/RO on various electronic media as specified in [Annex F](#) of the PCT Administrative Instructions.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 14 juin 2016 contient les demandes disponibles au public pour consultation pour la période du 29 mai 2016 au 4 juin 2016.

17. Copies électroniques certifiées des documents de priorité

Avis concernant le dépôt de documents de priorité électroniques certifiés auprès de l'office récepteur canadien

En ce qui concerne les demandes internationales déposées en vertu du Traité de coopération en matière de brevets (PCT) et conformément à la [règle 17.1\(a\) du PCT](#), le déposant peut soumettre à l'office récepteur canadien (OR/CA) des documents de priorité électroniques qui sont signés numériquement et sont accompagnés du certificat de l'un des offices de délivrance suivants :

- Institut national de la propriété industrielle du Brésil;
- Institut national de la propriété industrielle du Portugal; ou
- Office des brevets et des marques de commerce des États-Unis.

Les documents de priorité électroniques peuvent être téléversés dans ePCT de sorte qu'ils se retrouveront dans un paquet de dépôt en ligne ePCT, avec la demande internationale, pour transmission à l'OR/CA au moment du dépôt via le dépôt électronique de l'OPIC, en suivant le processus normal en deux étapes. Par ailleurs, au moment du dépôt ou après le dépôt, la version électronique du document de priorité peut être présentée à l'OR/CA sur différents médias électroniques, tel qu'indiqué à l'[annexe F](#) des Instructions administratives du PCT.

Canadian Patents Issued

June 14, 2016

Brevets canadiens délivrés

14 juin 2016

[11] **2,441,291**
[13] C

[51] **Int.Cl. C12Q 1/00 (2006.01) A61K 38/02 (2006.01) A61K 38/44 (2006.01) A61K 39/00 (2006.01) C12Q 1/26 (2006.01) G01N 33/50 (2006.01) G01N 33/542 (2006.01) G01N 33/573 (2006.01)**

[25] EN

[54] **PHARMACEUTICALS AND METHODS FOR TREATING HYPOXIA AND SCREENING METHODS THEREFOR**

[54] **PRODUITS PHARMACEUTIQUES ET METHODES POUR LE TRAITEMENT DE L'HYPOXIE, ET PROCEDES DE CRIBLAGE PREVUS A CET EFFET**

[72] KAELIN, WILLIAM G., US
[72] IVAN, MIRCEA, US
[73] DANA-FARBER CANCER INSTITUTE, INC., US

[85] 2003-09-19
[86] 2002-03-20 (PCT/US2002/008886)
[87] (WO2002/074249)

[30] US (60/277,425) 2001-03-20
[30] US (60/277,431) 2001-03-20
[30] US (60/277,440) 2001-03-20
[30] US (60/332,493) 2001-11-09
[30] US (60/332,334) 2001-11-09
[30] US (60/345,200) 2001-11-09
[30] US (60/345,131) 2001-12-20
[30] US (60/342,598) 2001-12-20
[30] US (60/345,132) 2001-12-20
[30] US (10/101,812) 2002-03-19

[11] **2,444,548**
[13] C

[51] **Int.Cl. G01N 33/48 (2006.01) A61K 31/00 (2006.01) A61K 38/00 (2006.01) A61K 45/00 (2006.01) A61K 49/00 (2006.01) A61K 51/12 (2006.01) G01N 33/49 (2006.01) G01N 33/497 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **METHODS OF DIAGNOSING AND TREATING SMALL INTESTINAL BACTERIAL OVERGROWTH (SIBO) AND SIBO-RELATED CONDITIONS**

[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DE LA PROLIFERATION BACTERIENNE DANS L'INTESTIN GRELE ET DES CONDITIONS PATHOLOGIQUES ASSOCIEES**

[72] LIN, HENRY C., US
[72] PIMENTEL, MARK, US
[73] CEDARS-SINAI MEDICAL CENTER, US

[85] 2003-10-17
[86] 2002-04-16 (PCT/US2002/012034)
[87] (WO2002/083926)
[30] US (09/837,797) 2001-04-17

[11] **2,459,982**
[13] C

[51] **Int.Cl. A61C 7/08 (2006.01) A61K 6/00 (2006.01)**

[25] EN

[54] **METHOD AND SHAPED PRODUCT FORMED FROM POLYMERIZABLE DENTAL MATERIAL AND FLUORESCING AGENT**

[54] **METHODE ET PRODUIT MODELE CONSTITUE D'UN PRODUIT DENTAIRE POLYMERISABLE ET D'UN AGENT FLUORESCENT**

[72] SUN, BENJAMIN, US
[72] LICHKUS, ANDREW M., US
[73] DENTSPLY INTERNATIONAL INC., US

[86] (2459982)
[87] (2459982)
[22] 2004-03-08
[30] US (10/249,345) 2003-04-02

[11] **2,481,411**
[13] C

[51] **Int.Cl. C12N 15/55 (2006.01) C12N 15/113 (2010.01) G06F 19/18 (2011.01) A23D 9/00 (2006.01) A61K 8/66 (2006.01) A61K 31/7088 (2006.01) C07H 21/00 (2006.01) C07K 16/40 (2006.01) C07K 19/00 (2006.01) C10G 29/20 (2006.01) C10L 1/14 (2006.01) C11B 3/00 (2006.01) C11D 3/386 (2006.01) C11D 7/42 (2006.01) C11D 9/40 (2006.01) C12N 9/16 (2006.01) C12N 9/18 (2006.01) C12N 11/00 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12P 1/00 (2006.01) C12P 7/64 (2006.01) C12P 9/00 (2006.01) C12P 19/34 (2006.01) C12P 33/00 (2006.01) C12Q 1/44 (2006.01) C12Q 1/68 (2006.01) C40B 50/06 (2006.01) G01N 33/573 (2006.01)**

[25] EN

[54] **PHOSPHOLIPASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM**

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[72] HAZLEWOOD, GEOFF, US
[72] LAM, DAVID, US
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[54] **METHODS AND APPARATUS TO COLLECT AUDIENCE INFORMATION ASSOCIATED WITH A MEDIA PRESENTATION**
[54] **METHODES ET APPAREIL DE COLLECTE D'INFORMATION SUR L'AUDITOIRE ASSOCIEE A UN SUPPORT DE PRESENTATION**
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[72] RAMASWAMY, ARUN, US
[72] SRINIVASAN, VENUGOPAL, US
[72] NELSON, DAN, US
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[73] THE NIELSEN COMPANY (US), LLC, US
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[54] **APPAREIL DE CONTROLE OU DE TRAITEMENT A SECURITE INTEGREE DE MANIERE INHERENTE**
[72] MANONI, VITTORIO, IT
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[54] **ANTAGONISTES PEPTIDIQUES DES ELEMENTS DE LA FAMILLE DU TGF-BETA ET UTILISATIONS THERAPEUTIQUES DE CES ANTAGONISTES**
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[54] **TREPAN ET PROCEDE DE PRODUCTION D'UN TREPAN**
[72] ELLIS, LIAM PATRICK, AU
[73] SURGIBIT IP HOLDINGS PTY LIMITED, AU
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[72] MULLANEY, EDWARD J., US
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[54] **PROCEDE ET SYSTEME DE VERIFICATION DE L'INTEGRITE D'UNE VOIE**
[72] KANE, MARK EDWARD, US
[72] SHOCKLEY, JAMES FRANCIS, US
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[54] **COMPOSITION ACTIVANT L'APTITUDE A CONSOMMER DU SUCRE**

[72] SHIMOMURA, IICHIRO, JP
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[73] DAIICHI SANKYO COMPANY, LIMITED, JP

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[72] BURGESS, TERESA L., US
[72] COXON, ANGELA, US
[72] GREEN, LARRY L., US
[72] ZHANG, KE, US
[73] AMGEN INC., US
[73] AMGEN FREMONT INC., US

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[54] **ENCAPSULATING PROTOCOL FOR SESSION PERSISTENCE AND RELIABILITY**

[54] **PROTOCOLE D'ENCAPSULATION ASSURANT UNE PERSISTANCE DE SESSION ET UNE FIABILITE**

[72] PANASYUK, ANATOLIY, US
[72] PEDERSEN, BRADLEY JAY, US
[72] STONE, DAVID SEAN, US
[72] TREDER, TERRY, US
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[54] **EMBALLAGE POUR MATIERE PULVERULENTE**

[72] CRAWFORD, KAREN RITA, GB
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[73] N.V. NUTRICIA, NL

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[54] **RADIOLABELED COMPOUNDS AND COMPOSITIONS, THEIR PRECURSORS AND METHODS FOR THEIR PRODUCTION**

[54] **COMPOSES ET COMPOSITIONS RADIOMARQUES, LEURS PRECEURSEURS ET LEURS PROCEDES DE PRODUCTION**

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[72] TING, RICHARD, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA

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[54] **SYSTEMS AND METHODS FOR WEIGHTING A SEARCH QUERY RESULT**

[54] **SYSTEMES ET PROCEDES D'EVALUATION D'UN RESULTAT D'UNE DEMANDE DE RECHERCHE**

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[72] WANG, NINIANE, US
[72] MARMAROS, DAVID, US
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[54] **SYSTEME DE COMMANDE DE SYSTEME DE MANOEUVRE DE MATERIEL TUBULAIRE DE CHAMP PETROLIFERE**
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[73] TESCO CORPORATION, CA
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[54] **SYSTEME DE MESURE DE LA RESISTANCE VASCULAIRE PULSATILE**
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[72] YAMKA, RYAN MICHAEL, US
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[54] **ROTARY BLOOD PUMP WITH PASSIVE MAGNETIC BEARING TO OFFSET ROTOR AXIAL LOADS**
[54] **POMPE SANGUINE ROTATIVE MUNIE D'UN PALIER PASSIF MAGNETIQUE POUR CONTRER LES CHARGES AXIALES DU ROTOR**
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[54] **SYSTEM AND PROCESS FOR INSPECTING THE INTEGRITY OF A TRAIN**
[54] **SYSTEME ET PROCEDE DE VERIFICATION DE L'INTEGRITE D'UN TRAIN**
[72] FRANCKART, JEAN-PIERRE, BE
[72] LECHEVIN, ERIC, BE
[73] ALSTOM BELGIUM S.A., BE
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[54] **METHOD AND COMPOSITION FOR PREVENTING OR TREATING DIARRHEA**
[54] **PROCEDE ET COMPOSITION POUR LA PREVENTION ET LE TRAITEMENT DE LA DIARRHEE**
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[72] CHEUK, WAI, US
[73] HILL'S PET NUTRITION, INC., US
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[25] EN
[54] **STAGGERED VERTICAL COMB DRIVE FABRICATION METHOD**
[54] **METHODE DE FABRICATION DE POSITIONNEURS EN QUINCONCE DE COMMANDE DE PEIGNES VERTICAUX**
[72] MOFFAT, STEVEN H., CA
[72] MILLER, JOHN M., CA
[73] LUMENTUM OPERATIONS LLC, US
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[54] **PROTEINES WNT ET DETECTION ET TRAITEMENT DU CANCER**
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[54] **DISPOSITIF ET PROCÉDE D'AFFICHAGE INTERACTIFS ET PROGRAMMABLES PAR L'UTILISATEUR**
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[54] **CANCER SPECIFIC ANTIBODY AND CELL SURFACE PROTEINS**
[54] **ANTICORPS SPECIFIQUE DU CANCER ET PROTEINES DE SURFACE CELLULAIRE**
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[72] MACDONALD, GLEN, CA
[72] ENTWISTLE, JOYCELYN, CA
[72] CIZEAU, JEANNICK, CA
[72] CHAHAL, FRANCINA C., CA
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[54] **METHODE, SYSTEME ET DISPOSITIF D'ACCES A UNE RESSOURCE BASEE SUR LES DONNEES FOURNIES PAR UN UTILISATEUR LOCAL**
[72] YEAP, TET HIN, CA
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[73] BCE INC., CA
[86] (2593897)
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[13] C

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[54] **MRNA RATIOS IN URINARY SEDIMENTS AND/OR URINE AS A PROGNOSTIC AND/OR THERANOSTIC MARKER FOR PROSTATE CANCER**
[54] **TAUX D'ARNM DANS LES SEDIMENTS URINAIRES ET/OU L'URINE COMME MARQUEUR PRONOSTIQUE ET/OU THERANOSTIQUE POUR LE CANCER DE LA PROSTATE**
[72] HESSELS, DAPHNE, NL
[72] VERHAEGH, GERALD, NL
[72] SCHALKEN, JACK A., NL
[72] WITJES, J. ALFRED, NL
[73] STICHTING KATHOLIEKE UNIVERSITEIT, THE UNIVERSITY MEDICAL CENTRE NIJMEGEN, NL
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[54] **PROSPECTION D'HYDROCARBURE PAR VOIE ELECTROMAGNETIQUE, EN PETITS FONDS MARINS**
[72] JOHNSTAD, SVEIN ERLING, NO
[72] FARRELLY, BRIAN ANTHONY, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **METHOD OF BONE PLATE SHAPING**
[54] **METHODE DE FACONNAGE D'UNE PLAQUE VISSEE**
[72] ORBAY, JORGE L., US
[72] CASTANEDA, JAVIER E., US
[72] KORTENBACH, JUERGEN A., US
[72] SIXTO, ROBERT, JR., US
[73] BIOMET C.V., GI
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[87] (2595442)
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[54] **SENSING SYSTEMS AND METHODS FOR MONITORING GAIT DYNAMICS**
[54] **SYSTEMES ET PROCEDES DE DETECTION POUR LA SURVEILLANCE DE LA DYNAMIQUE DE MARCHE**
[72] CLAUSEN, ARINBJORN VIGGO, IS
[72] ODDSSON, MAGNUS, IS
[73] OSSUR HF, IS
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[25] EN
[54] **METHOD FOR PRODUCING AND A SYSTEM FOR COOLING A HOT-FILLED SOFTGEL CAPSULE**
[54] **METHODE DE PRODUCTION ET UN SYSTEME DE REFROIDISSEMENT D'UNE CAPSULE GELULE DE REMPLISSAGE A CHAUD**
[72] ZAZULA, JOHN, US
[72] ZIELINSKI, REUBEN O., US
[72] GLAWSON, RICHARD, US
[73] R.P. SCHERER TECHNOLOGIES, INC., US
[86] (2596104)
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[54] **APPAREIL ET PROCEDE DE DETECTION DE RAYONNEMENT**
[72] RUBENSTEIN, ERIC P., US
[73] IMAGE INSIGHT INC., US
[85] 2007-08-28
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[54] **METHOD AND APPARATUS FOR MULTI-DESTINATION ITEM SELECTION USING NOTES**
[54] **PROCEDE ET APPAREIL POUR SELECTION D'OBJETS MULTI-DESTINATION AU MOYEN DE NOTES**
[72] SHAKES, JONATHAN. J., US
[72] ROUAIX, FRANCOIS M., US
[73] AMAZON TECHNOLOGIES, INC., US
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[25] EN
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[54] **ADMINISTRATION TRANSDERMIQUE DE PHYCOTOXINES**
[72] WILSON, NESTOR ANTONIO LAGOS, CL
[73] PHYTOTOX LIMITED, BM
[85] 2007-11-02
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[54] **VANNE A MANCHON DEFORMABLE CONTROLEE DIRECTEMENT PAR FLUIDE**
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[73] RED VALVE COMPANY, INC., US
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[54] **INHIBITION D'ESPECES REACTIVES DE L'OXYGENE ET PROTECTION DE CELLULES MAMMALIENNES**

[72] MCGINNIS, JAMES F., US
[72] CHEN, JUNPING, US
[72] WONG, LILY, US
[72] SEZATE, STEVE, US
[72] SEAL, SUDIPTA, US
[72] PATIL, SWANAND, US
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[73] UNIVERSITY OF OKLAHOMA, CORP., US
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[54] **A SELECTIVE HYDROGENATION CATALYST AND METHODS OF MAKING AND USING SAME**

[54] **CATALYSEUR D'HYDROGENATION SELECTIVE ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CE CATALYSEUR**

[72] CHEUNG, TIN-TACK PETER, US
[72] BERGMEISTER, JOSEPH III, US
[72] HONG, ZONGXUAN, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2008-01-24
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[54] **USE OF CHK2 KINASE INHIBITORS FOR CANCER TREATMENT**

[54] **UTILISATION D'INHIBITEURS DE LA CHK2 KINASE POUR LE TRAITEMENT DU CANCER**

[72] POMMIER, YVES, US
[72] SHOEMAKER, ROBERT H., US
[72] SCUDIERO, DOMINIC, US
[72] CURRENS, MICHAEL, US
[72] CARDELINA, JOHN, US
[72] JOBSON, ANDREW, US
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[54] **NOVEL TREATMENT OF CHRONIC ENTEROCOLITIS**

[54] **NOUVEAU TRAITEMENT DE L'ENTEROCOLITE CHRONIQUE**

[72] ROTTIERS, PIETER, BE
[72] VANDENBROUCKE, KLAAS, BE
[73] INTREXON ACTOBIOTICS NV, BE
[85] 2008-02-18
[86] 2006-08-30 (PCT/EP2006/065803)
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[54] **METHODS AND COMPLEXES FOR DETERMINING CELL CULTURE HISTORY**

[54] **PROCEDES ET COMPLEXES PERMETTANT DE DETERMINER L'HISTOIRE DE LA CULTURE CELLULAIRE**

[72] CHOO, YEN, GB
[72] HORNBY, FRASER, GB
[72] GIRDLESTONE, JOHN, GB
[73] PLASTICELL LIMITED, GB
[85] 2008-02-20
[86] 2006-08-25 (PCT/GB2006/003186)
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[54] **MODELE DE CARCINOGENESE PAR FUSION DE CELLULES SOUCHES**

[72] HARRIS, DAVID T., US
[72] TSANG, TOM C., US
[72] HE, XIANGHUI, CN
[72] PIPES, BRIAN L., US
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[54] **THERAPEUTIC COMPOSITIONS COMPRISING HYALURONAN AND THERAPEUTIC ANTIBODIES AS WELL AS METHODS OF TREATMENT**
[54] **COMPOSITIONS THERAPEUTIQUES COMPRENANT DE L'HYALURONANE ET DES ANTICORPS THERAPEUTIQUES, ET PROCEDES THERAPEUTIQUES**
[72] BROWN, TRACEY, AU
[72] BROWNLEE, GARY, AU
[73] ALCHEMIA ONCOLOGY PTY LIMITED, AU
[85] 2008-03-04
[86] 2006-09-04 (PCT/AU2006/001293)
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[25] EN
[54] **THERMAL AND ELECTROCHEMICAL PROCESS FOR METAL PRODUCTION**
[54] **PROCEDE THERMIQUE ET ELECTROCHIMIQUE POUR PRODUIRE UN METAL**
[72] WITHERS, JAMES C., US
[72] LOUTFY, RAOUF O., US
[73] MATERIALS & ELECTROCHEMICAL RESEARCH CORP., US
[85] 2008-03-05
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[25] EN
[54] **ELECTRICAL CONNECTOR ASSEMBLY WITH FRUSTRO-CONICAL SNAP FIT RETAINING RING FOR ENHANCING ELECTRICAL GROUNDING OF THE CONNECTOR ASSEMBLY TO AN ELECTRICAL BOX AND INSTALLATION TOOL THEREFOR**
[54] **APPAREIL DE CONNEXION ELECTRIQUE AVEC ANNEAU DE RETENUE TRONCONIQUE ENCLIQUETABLE POUR AMELIORER LA MISE A LA TERRE DE CET APPAREIL A UN COFFRET ELECTRIQUE ET OUTIL D'INSTALLATION CONNEXE**
[72] AURAY, DELBERT, US
[72] KIELY, KENNETH M., US
[73] BRIDGEPORT FITTINGS, INC., US
[86] (2622237)
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[22] 2008-02-26
[30] US (11/726,012) 2007-03-20

[11] **2,622,578**
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[54] **A USE OF SULFONANILIDES AS HERBICIDE**
[54] **UTILISATION DE SULFONANILIDES EN TANT QU'HERBICIDES**
[72] ARAKI, KOICHI, JP
[72] SATO, YOSHITAKA, JP
[72] GOMIBICHI, TAKUYA, JP
[72] ENDO, KEIJI, JP
[72] SHIRAKURA, SHINICHI, JP
[72] NAKAMURA, SHIN, JP
[72] ROSINGER, CHRISTOPHER, DE
[72] FEUCHT, DIETER, DE
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[54] **METHOD FOR ESTIMATING AND RECONSTRUCTING SEISMIC REFLECTION SIGNALS**
[54] **PROCEDE D'ESTIMATION ET DE RECONSTRUCTION DE SIGNAUX DE REFLEXION SISMIQUE**
[72] BURNSTAD, ROY M., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2008-03-17
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[11] **2,623,795**
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[25] EN
[54] **METHODS AND CONSTRUCTS FOR ANALYZING BIOLOGICAL ACTIVITIES OF BIOLOGICAL SPECIMENS AND DETERMINING STATES OF ORGANISM**
[54] **PROCEDES ET CONSTRUCTIONS PERMETTANT D'ANALYSER DES ACTIVITES BIOLOGIQUES DE SPECIMENS BIOLOGIQUES ET DETERMINER DES ETATS D'UN ORGANISME**
[72] ROMANOV, SERGEI, US
[72] MAKAROV, SERGEI, US
[73] ATTAGENE INC., US
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[54] **RALLONGE MODULAIRE DE TIGE**

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[72] CONRAD, ERNEST U., US
[72] LES, KIMBERLY, US
[72] NEUMANN, HERRN, DE
[72] O'CONNOR, MARY I., US
[72] WALKER, PETER S., US
[72] LETSON, GEORGE D., US
[72] VAIL, THOMAS P., US
[72] AQUILLO, DENNIS R., US
[72] MEYERS, JOHN E., US
[72] JENNINGS, JACK D., US
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[11] **2,627,092**
[13] C

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[25] EN
[54] **DELIVERY OF SENSITIVE INFORMATION THROUGH SECURE RSS FEED**

[54] **REMISE D'INFORMATIONS SENSIBLES PAR L'INTERMEDIAIRE D'UN FIL DE SYNDICATION RSS SECURISE**

[72] NUSSEY, BILL, US
[73] SILVERPOP SYSTEMS INC., US
[85] 2008-04-23
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[30] US (11/163,563) 2005-10-23
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[54] **CEINTURE POUR ARTS MARTIAUX**

[72] GOYETTE, MICHEL, CA
[73] GOYETTE, MICHEL, CA
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[13] C

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[25] EN
[54] **DISTRIBUTED SYSTEM FOR COMMERCE**
[54] **SYSTEME REPARTI POUR COMMERCE**

[72] KEITHLEY, THOMAS H., US
[72] WHITFORD, THOMAS E., US
[73] PAYPAL PTE LTD., SG
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[85] 2008-06-05
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[87] (WO2007/067776)
[30] US (60/748,809) 2005-12-08

[11] **2,633,715**
[13] C

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[54] **TRANSLATIONAL DYSFUNCTION BASED THERAPEUTICS**
[54] **THERAPEUTIQUE REPOSANT SUR UNE PERTURBATION DE TRADUCTION**

[72] JAMIESON, GORDON, A., US
[72] CULJKOVIC, BILJANA, CA
[72] KENTSIS, ALEX, US
[72] BORDEN, KATHERINE L.B., CA
[73] TRANSLATIONAL THERAPEUTICS, INC., US
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[30] US (60/754,461) 2005-12-28
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[54] **DEFLECTABLE CATHETER WITH A FLEXIBLY ATTACHED TIP SECTION**
[54] **CATHETER A DEFLEXION AVEC UNE PARTIE D'EXTREMITE FIXEE DE MANIERE FLEXIBLE**
[72] WORLEY, SETH J., US
[72] SHARAREH, SHIVA, US
[73] BIOSENSE WEBSTER, INC., US
[73] WORLEY, SETH J., US
[85] 2008-06-27
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[54] **MELANGEUR DE CHAUD**
[72] PETERS, NEIL ADAM, CA
[73] COUGAR JACK SERVICES INC., CA
[86] (2636784)
[87] (2636784)
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[13] C

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[54] **AN APPARATUS AND METHOD FOR MEASURING A PARAMETER OF A MULTIPHASE FLOW**
[54] **APPAREIL ET PROCEDE DE MESURE D'UN PARAMETRE D'UN ECOULEMENT POLYPHASIQUE**
[72] GYSLING, DANIEL, US
[73] EXPRO METERS, INC., US
[85] 2008-07-09
[86] 2007-01-10 (PCT/US2007/000872)
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[72] DIERICKX, JAN LODEWIJK MARIA, NL
[72] HADJIGEORGE, GEORGE A., US
[72] SCHAUVERIEN, COLIN JOHN, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[11] **2,638,136**
[13] C

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[25] EN
[54] **METHOD OF CHANGING THE BIREFRINGENCE OF AN OPTICAL WAVEGUIDE BY LASER MODIFICATION OF THE CLADDING**
[54] **METHODE PERMETTANT DE CHANGER LA BIREFRINGENCE D'UN GUIDE D'ONDES OPTIQUE PAR MODIFICATION AU LASER DE LA GAINE**
[72] MIHAILOV, STEPHEN J., CA
[72] GROBNIC, DAN, CA
[72] SMELSER, CHRISTOPHER W., CA
[72] WALKER, ROBERT B., CA
[72] LU, PING, CA
[72] DAI, XIAOLI, CA
[72] DING, HUIMIN, CA
[72] CUGLIETTA, GINO, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[86] (2638136)
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[54] **POWERED SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL MOTORISE**
[72] ZEMLOK, MICHAEL, US
[72] RACENET, DAVID C., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2638363)
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[22] 2008-07-29
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[54] **INTERACTIVE MOSAIC CHANNEL VIDEO STREAM WITH ADDITIONAL PROGRAMMING SOURCES**
[54] **FLUX VIDEO DE CHAINE MOSAIQUE INTERACTIVE A SOURCES DE PROGRAMMATION SUPPLEMENTAIRES**
[72] SHANKS, DAVID E., US
[72] FELDSTEIN, DAVID E., US
[72] PURPURA, RICHARD F., US
[72] THOMPSON, MATTHEW J., US
[72] SHURGOT, MARK A., US
[72] LE, CRAIG, US
[73] THE DIRECTV GROUP, INC., US
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[13] C

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[72] KAMEN, DEAN, US
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[73] DEKA PRODUCTS LIMITED
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[30] US (60/793,188) 2006-04-19

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[13] C

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[54] **ELECTROCHEMICAL CARBON
MONOXIDE SENSOR
SUPERVISION
SUPERVISION DE DETECTEURS
ELECTROCHIMIQUES DE
MONOXYDE DE CARBONE**

[72] JOHNSTON, DEREK, US
[72] BROOKS, GENE, US
[73] BRK BRANDS, INC., US
[86] (2641889)
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[22] 2008-10-27
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[11] **2,642,430**
[13] C

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D'UN INDICATEUR DE PH**

[72] COPP, WARREN, US
[72] GARSTKA, ERICK, US
[72] HYATT, CHRISTOPHER J., US
[72] TREMBLAY, KATHLEEN, US
[73] TYCO HEALTHCARE GROUP LP,
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[22] 2008-10-31
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[13] C

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[25] EN
[54] **MEDICAL ELECTRODE HAVING
HEAT SENSITIVE COMPONENT
ELECTRODE MEDICALE
COMPORTANT UN ELEMENT
THERMOSENSIBLE**

[72] COPP, WARREN, US
[72] GARSTKA, ERICK, US
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[72] TREMBLAY, KATHLEEN, US
[72] MEYER, PETER, US
[72] COGGINS, SCOTT, US
[72] BURNES, LEE, US
[72] SELVITELLI, DAVID, US
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[72] HETTINGER, STEPHEN E., US
[72] POLLETT, JAMES QUENTIN, US
[73] GENERAL ELECTRIC COMPANY,
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[54] **SYSTEM AND METHOD FOR
PROVIDING A REGULATED
ATMOSPHERE FOR PACKAGING
PERISHABLE GOODS
SYSTEME ET METHODE
PERMETTANT DE FOURNIR UNE
ATMOSPHERE REGULEE POUR
LE CONDITIONNEMENT DE
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[72] BOWDEN, R. CRAIG, US
[72] NAGAMINE, JAMES, US
[73] THE BOWDEN GROUP, US
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[73] CASE WESTERN RESERVE UNIVERSITY, US

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[54] **METHOD AND APPARATUS FOR DETERMINING THE DYNAMIC RANGE OF AN OPTICAL LINK IN AN HFC NETWORK**

[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE LA PLAGE DYNAMIQUE D'UNE LIAISON OPTIQUE DANS UN RESEAU A FIBRE COAXIALE HYBRIDE (HFC)**

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[72] THOMPSON, ROBERT J., US

[72] COOPER, MICHAEL J., US

[72] MORAN, JOHN L. III, US

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[54] **HYPOALLERGENIC CHIMERIC PROTEINS BELONGING TO THE LIPID TRANSFER FAMILY OF PARIETARIA JUDAICA FOR USE IN THE TREATMENT OF ALLERGIES**

[54] **PROTEINES CHIMERES HYPOALLERGENIQUES APPARTENANT A LA FAMILLE DES PROTEINES DE TRANSFERT DE LIPIDES DE PARIETARIA JUDAICA DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT D'ALLERGIES**

[72] ASTURIAS ORTEGA, JUAN ANDRES, ES

[72] MARTINEZ GARATE, ALBERTO, ES

[72] GONZALES RIOJA, ROBERTO, ES

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[54] **PROCEDE DE LECTURE D'AU MOINS UN CODE A BARRES ET SYSTEME DE LECTURE D'UN CODE A BARRES**

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[72] RANCIEN, SANDRINE, FR

[73] ARJOWIGGINS, FR

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[54] **SYSTEMS AND METHODS FOR PERFORMING AUTOMATIC REAL-TIME HARMONICS ANALYSES FOR USE IN REAL-TIME POWER ANALYTICS OF AN ELECTRICAL POWER DISTRIBUTION SYSTEM**

[54] **SYSTEMES ET PROCEDES POUR REALISER UNE ANALYSE DES HARMONIQUES AUTOMATIQUE EN TEMPS REEL A UTILISER DANS UNE ANALYSE D'ENERGIE EN TEMPS REEL D'UN SYSTEME DE DISTRIBUTION D'ENERGIEELECTRIQUE**

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[73] POWER ANALYTICS CORPORATION, US

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[54] **JETON DE SECURITE ET PROCEDE D'AUTHENTIFICATION D'UN UTILISATEUR AYANT UN JETON DE SECURITE**
[72] ROLLIER, ALAIN, CH
[72] MUELLER, LORENZ, CH
[72] JACOMET, MARCEL, CH
[72] CATTIN-LIEBL, ROGER, CH
[73] AXSIONICS AG, CH
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[54] **PROCEDE ET MOYENS SERVANT A INFILTRER DES LESIONS DANS L'EMAIL**
[72] MEYER-LUECKEL, HENDRIK, DE
[72] PARIS, SEBASTIAN, DE
[72] MUELLER, JAN, DE
[72] KIELBASSA, ANDRIJ M., DE
[72] DETJE, BERND, DE
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[72] STAHLHUT, OLIVER, DE
[72] NEUMANN, CHRISTIAN, DE
[72] MAEKER, MICHAEL, DE
[73] BENECKE-KALIKO AG, DE
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[54] **COLLATION GARNIE CUITE AU FOUR ET CROUSTILLANTE AVEC HAUTE TENEUR EN EAU**
[72] KINO, JOHN ALAN, US
[72] HAYNES, LYNN C., US
[72] NESKE, JENNETTE, US
[72] DERRICK, DESIREE S., US
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[54] **DETECTEUR DE CONDUCTEUR DE COURANT ET METHODE DE VALIDATION DU DETECTEUR**
[72] PEARSON, RICHARD DAVID, GB
[72] CONWAY, KEVIN, GB
[73] RADIODETECTION LIMITED, GB
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[54] **SYSTEM AND METHOD FOR ACQUISITION AND ANALYSIS OF PHYSIOLOGICAL AUDITORY SIGNALS**
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[54] **CHELATE LUMINESCENT DE 1-HYDROXY-2-PYRIDINONE ET DE LANTHANIDES**

[72] RAYMOND, KENNETH N., US

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[72] WERNER, ERIC J., US

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

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[72] HUELSMEYER, MARTIN, DE

[72] SCHLEHUBER, STEFFEN, DE

[72] HOHLBAUM, ANDREAS, DE

[72] SKERRA, ARNE, DE

[72] BOUDREAU, ERIC, US

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[54] **COMPOSITIONS D'ISOMERES DE CAROTENOIDES STABLES ET BIO-DISPONIBLES POUR LA PEAU ET LES CHEVEUX**

[72] BORTLIK, KARLHEINZ, CH

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[54] **PROCEDE DE DETERMINATION DE LA PROBABILITE SELON LAQUELLE LES DONNEES SONT ASSOCIEES A UNE SOURCE PARMIS PLUSIEURS SOURCES**

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[54] **DISPOSITIF D'ACCOUPEMENT A BOULE DE SERRAGE GUIDEE**

[72] VOTRUBA, EDWARD J., US

[73] U-HAUL INTERNATIONAL, INC., US

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[54] **SELF-LOCKING, SELF-BLUNTING SAFETY NEEDLE SYSTEM AND SYRINGE**

[54] **SYSTEME D'AIGUILLE A AUTO-VERROUILLAGE ET AUTO-EMOUSSEMENT ET SERINGUE**

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[54] **STRATIFIE FONCTIONNEL**
[72] MICHALK, MANFRED, DE
[72] HOFMANN, FRANZISKA, DE
[72] GRIESBACH, ANDREAS, DE
[73] HID GLOBAL GMBH, DD
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[54] **INTEGRATION D'APPLICATION DANS DES DISPOSITIFS INFORMATIQUES RESEAUTES**
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[72] LESSARD, JOSH, CA
[72] RUDENKO, VLADLEN, CA
[72] GENTLE, CASSIDY, CA
[72] KLASSEN, GERHARD DIETRICH, CA
[72] CONEYBEARE, DENVER, CA
[73] BLACKBERRY LIMITED, CA
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[72] MUGGE, JIMMIE L., US
[72] JOHNSON, JAY J., US
[73] ANCHOR WALL SYSTEMS, INC., US
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[54] **LOCALISATEUR ET SUPPORT DE CONDUITS ANTIROTATION**
[72] GALLARDO, LUIS, US
[72] BROWN, LARRY D., US
[72] HART, DENNIS, US
[73] SECURUS, INC., US
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[54] **UTILISATION DE GLYCEROPHOSPHOLIPIDES POUR UNE LUBRICATION DES ARTICULATIONS**
[72] BARENHOLZ, YECHEZKEL, IL
[72] NITZAN, DORIT, IL
[72] ETSION, IZHAK, IL
[72] SCHROEDER, AVI, IL
[72] HALPERIN, GRIGORY, IL
[72] SIVAN, SARIT, IL
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[73] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., IL
[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM, IL
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[54] **OUTIL DE CONFIGURATION ET PROCEDES D'ACQUISITION DE DONNEES SISMIQUES**
[72] PAVEL, DENNIS R., US
[72] HOENMANS, SCOTT T., US
[72] BULL, ANDREW, GB
[72] GREEN, CHRISTOPHER, GB
[73] INOVA LTD., KY
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[13] C

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[54] **SYSTEME POLYVALENT DE FENETRE HYBRIDE**
[72] ALBRECHT, SCOTT D., US
[72] HOFFMAN, MARK C., US
[72] PETERSON, JAMES L., US
[73] HWD ACQUISITION, INC., US
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[25] EN
[54] **METHOD FOR BENDING PIPES, RODS, PROFILED SECTIONS AND SIMILAR BLANKS, AND CORRESPONDING DEVICE**
[54] **METHODE DE CINTRAGE DE TUYAUX, DE TIGES, DE PROFILS ET DE FLANS DE TYPES SEMBLABLES, ET DISPOSITIF CORRESPONDANT**
[72] GEMIGNANI, ROBERTO, IT
[72] STRANO, MATTEO, IT
[73] BLM S.P.A., IT
[86] (2666133)
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[54] **CORPS POREUX FACONNES EN ALUMINE ALPHA, ET PROCEDES DE PREPARATION ASSOCIES**
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[72] SERAFIN, JULIANA G., US
[72] BHASIN, MADAN M., US
[72] LAKSO, STEVEN R., US
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[54] **PROCEDE ET APPAREIL SERVANT A EVALUER LA FONCTION PROPRIOCEPTIVE**
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[54] **VITRE FEUILLETEE AVEC UN DISPOSITIF DE FIXATION INTRODUIT DANS UN ORIFICE DE PASSAGE POUR DES OBJETS**
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[54] **ENSEMBLE D'ACCOUPLLEMENT ET D'ATTELAGE POUR EFFECTUER AUTOMATIQUEMENT DES RACCORDS DE DISPOSITIF D'ATTACHE RAPIDE DE FLUIDE ET D'ATTELAGE DE REMORQUAGE ENTRE UNE CITERNE D'ALIMENTATION ET UN OUTIL APPLICATEUR DE GAZ AMMONIAC**
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[72] RUMOHR, JOHN, US
[72] GOINS, GARRETT LEE, US
[72] NIMBERGER, SPENCER M., US
[72] GONZALEZ, FRANCISCO, US
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[73] PGI INTERNATIONAL LTD., US
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[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **CONNECTEUR D'EXTREME DE CABLES DE COMMUNICATION**
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[73] SEB S.A., FR
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[54] **OUTIL POUR INSPECTION ELECTRIQUE D'UN TROU DE FORAGE**
[72] BLOEMENKAMP, RICHARD, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] BAI, FENG, US
[72] GOULD, RACHAEL A. T., US
[72] ANDERSON, MARK T., US
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[54] **DISPOSITIF DE COLLECTE DES MATIERES LIQUIDES OU SEMI-LIQUIDES POUR ASPIRATEUR MOBILE**
[72] NUHN, DENNIS, CA
[73] NUHN INDUSTRIES LIMITED, CA
[86] (2673155)
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[54] **UTILISATION THERAPEUTIQUE SYNERGIQUE DE CONCENTRES DE COMPLEXE PROTHROMBINIQUE AVEC DES CONCENTRES DE FVIII**
[72] DICKNEITE, GERHARD, DE
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[54] **COMPOSES DE TETRACYCLINE SUBSTITUEE**

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[72] ASSEFA, HAREGEWEIN, US

[72] BERNIAC, JOEL, US

[72] BHATIA, BEENA, US

[72] BOWSER, TODD, US

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[54] **PROCEDES DE FORMATION DE CONCENTRES DE LAIT DE SOJA THERMIQUEMENT STABLES**

[72] AKASHE, AHMAD, US

[72] CHEN, WEN-SHERNG, US

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[54] **DISPOSITIF ET PROCEDE DE MANIPULATION DE CONTENEURS ET CONTENEUR COMPRENANT CE DISPOSITIF**

[72] FILLLOL VIDAL, OSCAR, ES

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[54] **PROCEDE ET APPAREIL POUR NETTOYER UN PROTEGE-DENTS**

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[72] COGAN, DONALD S., CA

[73] ROSS, DEAN, CA

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[54] **IMPULSEUR POUR MESURES EN COURS DE FORAGE A TURBINE GENERATRICE DE COURANT**

[72] KUSKO, DAVID JOHN, US

[72] VECSEI, GABOR, US

[72] LERNER, DANIEL MAURICE, US

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[72] SCHOEPF, RUSSELL L., US
[72] PHELPS, REGINALD B., US
[72] TEMPLE, EARLE, US
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[54] **VARIANTS DE LA PHYTASE DE BUTTIAUXELLA SP. DOTES DE PROPRIETES MODIFIEES**
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[72] KENSCH, OLIVER, DE
[72] KETTLING, ULRICH, DE
[72] KIM, STEVE, US
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[54] **CIMENT DE PHOSPHATE DE CALCIUM INJECTABLE LIBERANT UN INHIBITEUR DE LA RESORPTION OSSEUSE**
[72] BOULER, JEAN-MICHEL, FR
[72] BUJOLI, BRUNO, FR
[72] JANVIER, PASCAL, FR
[72] KHAIROUN, IBRAHIM, FR
[72] ARGENSON, JEAN-NOEEL, FR
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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[72] FRIELING, THOMAS, DE
[72] HETTEL, ALFRED, DE
[72] OBERMANN, AXEL, FR
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[72] RAYA, JAVIER, ES
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[72] HOEFER, RAINER, DE
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[54] **A MULTI-LINKED DEVICE HAVING A REINFORCING MEMBER**
[54] **DISPOSITIF A PLUSIEURS BIELLES AYANT UN ELEMENT DE RENFORCEMENT**
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[72] CHOSET, HOWARD, US
[73] CARNEGIE MELLON UNIVERSITY, US
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[25] EN
[54] **SEAMLESS SINK DRAIN ASSEMBLY WITH DISPOSER/STRAINER MOUNTING SYSTEM**
[54] **ENSEMBLE DE DRAIN DE VIDANGE SANS JOINT AVEC SYSTEME DE MONTAGE DE BROYEUR/CREPINE**
[72] SULLIVAN, DANIEL O., US
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[54] **EMBALLAGE POUR LA
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[72] WALGENBACH, DIRK, DE
[72] SCHMITZ, BERTRAM, FR
[73] TREFAN GERMANY GMBH & CO.
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[54] **CONVEYOR DRIVE CONTROL
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[30] US (11/725,662) 2007-03-20

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[54] **STABILIZATION OF VITAMIN B12**
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[72] TATERRA, HANS-ROLF, DE
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[54] **SYSTEM FOR PANORAMIC
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[54] **SYSTEME POUR UN
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[72] STRZEMPKO, THADDEUS J., US
[72] CHAMBERLAIN, JESSE DAVID, US
[72] LAVALLEY, DANIEL LAWRENCE,
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[72] ROSE, MICHAEL, US
[73] KOLLMORGEN CORPORATION, US
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[25] EN
[54] **A CELL-MEDIATED IMMUNE
RESPONSE ASSAY AND KITS
THEREFOR**
[54] **ANALYSE DE REPOSE
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CELLULAIRE ET KITS DESTINES
A CETTE ANALYSE**
[72] RADFORD, ANTHONY J., AU
[72] JONES, STEPHEN L., AU
[72] HOWARD, JENNY L., AU
[73] CELLESTIS LIMITED, AU
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[54] **BASES AZOTEES PHOTO-
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[72] DIETLIKER, KURT, CH
[72] MISTELI, KATHARINA, CH
[72] STUDER, KATIA, FR
[72] JUNG, TUNJA, DE
[72] ENGELBRECHT, LOTHAR
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[54] **MEASUREMENT OF CELL-
SPECIFIC REFERENCE SYMBOLS
IN THE PRESENCE OF MBMS
SINGLE FREQUENCY NETWORK
TRANSMISSIONS**
[54] **MESURE DE SYMBOLES DE
REFERENCES SPECIFIQUES A
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RESEAU A FREQUENCE UNIQUE**
[72] JADING, YLVA, SE
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[72] PARKVALL, STEFAN, SE
[72] DAHLMAN, ERIK, SE
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[25] EN
[54] **MULTI-TOOL ADJUSTING SCREW**
[54] **VIS DE REGLAGE POUR DE MULTIPLES OUTILS**
[72] MEVIUS, JASON S., US
[72] FOUST, GREGORY LAWRENCE, US
[72] HAWKINS, JAMES CHESTER, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2009-09-22
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[25] EN
[54] **INTEGRALLY BLOW-MOULDED BAG-IN-CONTAINER HAVING A BAG ANCHORING POINT; PROCESS FOR THE PRODUCTION THEREOF; AND TOOL THEREOF**
[54] **CAISSE-OUTRE MOULEE PAR SOUFFLAGE D'UN SEUL TENANT PRESENTANT UN POINT DE FIXATION DE POCHE ; PROCEDE POUR LA PRODUCTION DE CELLE-CI ; ET OUTIL ASSOCIE**
[72] VAN HOVE, SARAH, BE
[72] PEIRSMAN, DANIEL, BE
[72] VERPOORTEN, RUDI, BE
[73] INBEV S.A., BE
[85] 2009-09-25
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[13] C

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[25] EN
[54] **7-SUBSTITUTED INDOLE MCL-1 INHIBITORS**
[54] **INHIBITEURS MCL-1 INDOLE 7-SUBSTITUES**
[72] ELMORE, STEVEN W., US
[72] SOUERS, ANDREW J., US
[72] BRUNCKO, MILAN, US
[72] SONG, XIAOHONG, US
[72] WANG, XILU, US
[72] HASVOLD, LISA A., US
[72] WANG, LE, US
[72] KUNZER, AARON R., US
[72] PARK, CHEOL-MIN, US
[72] WENDT, MICHAEL D., US
[72] TAO, ZHI-FU, US
[72] MADAR, DAVID, US
[73] ABBVIE INC., US
[85] 2009-09-28
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[13] C

[51] **Int.Cl. C25B 1/04 (2006.01) B01D 53/62 (2006.01) C25B 9/00 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL SYSTEM, APPARATUS, AND METHOD TO GENERATE RENEWABLE HYDROGEN AND SEQUESTER CARBON DIOXIDE**
[54] **SYSTEME ELECTROCHIMIQUE, APPAREIL ET PROCEDE POUR GENERER DE L'HYDROGENE RENOUVELABLE ET SEQUESTRE DU DIOXYDE DE CARBONE**
[72] LITTLE, C. DEANE, US
[72] HEFFERNAN, TIMOTHY C., US
[72] KOSMOSKI, JOSEPH V., US
[72] LITTLE, C. GORDON, US
[73] NEW SKY ENERGY, INC., US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF A TREATED MINERAL FILLER PRODUCT, THE OBTAINED MINERAL FILLER PRODUCT AND ITS USES**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT DE REMPLISSAGE MINERAL TRAITE, LE PRODUIT DE REMPLISSAGE MINERAL OBTENU ET SES UTILISATIONS**
[72] GANE, PATRICK A. C., CH
[72] BURI, MATTHIAS, CH
[72] BURKHALTER, RENE, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2009-10-09
[86] 2008-04-11 (PCT/IB2008/000889)
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[54] **CROP SPRAYING VEHICLE**
[54] **VEHICULE DE PULVERISATION DE CULTURE**
[72] ELLSWORTH, MARK S., US
[73] ELLSWORTH, MARK S., US
[85] 2009-10-09
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[54] **COMPOSITE STRUCTURE COMPRISING A STRINGER WITH A PAD EMBEDDED IN THE RECESS OF A PANEL AND METHOD OF TRANSMITTING FORCES**

[54] **STRUCTURE COMPOSITE COMPRENANT UNE LISSE AVEC UN BLOC INCORPORE DANS LE CREUX D'UN PANNEAU ET PROCEDE DE TRANSMISSION DE FORCES**

[72] COSENTINO, ENZO, GB

[73] AIRBUS OPERATIONS LIMITED, GB

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[54] **ELECTRICALLY ISOLATING INSULATED CONDUCTOR HEATER**

[54] **ELEMENT DE CHAUFFAGE A CONDUCTEUR ISOLE ISOLANT ELECTRIQUEMENT**

[72] KIM, DONG SUB, US

[72] NGUYEN, SCOTT VINH, US

[72] SANDBERG, CHESTER LEDLIE, US

[72] VINEGAR, HAROLD J., US

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

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[25] EN

[54] **NANOPARTICLES COMPRISING A CYCLODEXTRIN AND A BIOLOGICALLY ACTIVE MOLECULE AND USES THEREOF**

[54] **NANOPARTICULES COMPRENANT UNE CYCLODEXTRINE ET UNE MOLECULE BIOLOGIQUEMENT ACTIVE ET LEURS APPLICATIONS**

[72] AGUEROS BAZO, MAITE, ES

[72] SALMAN, HESHAM H. A., ES

[72] IRACHE GARRETA, JUAN MANUEL, ES

[72] CAMPANERO MARTINEZ, MIGUEL ANGEL, ES

[73] UNIVERSIDAD DE NAVARRA, ES

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[54] **TRANSDUCTEUR SONORE**

[72] MARTON, RUBEN, IT

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

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[25] EN

[54] **HYDROXY SULFONATE OF QUINONE COMPOUNDS AND THEIR USES**

[54] **HYDROXY SULFONATE DE COMPOSES QUINONE ET LEURS UTILISATIONS**

[72] BARTIS, JUDIT, US

[72] VOLCKOVA, ERIKA, US

[72] TANDON, MANISH, US

[72] LOWE, DEIRDRE, US

[72] REDMON, MARTY, US

[73] ARQULE, INC, US

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[54] **POLYSACCHARIDE BASED SCALE INHIBITOR**

[54] **ANTI-INCRUSTANT A BASE DE POLYSACCHARIDE**

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[72] KESAVAN, SUBRAMANIAN, US

[72] WOODWARD, GARY, GB

[73] RHODIA OPERATIONS, FR

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[25] EN
[54] **METHOD AND SYSTEM FOR DATA RECORD MANAGEMENT IN A COMPUTING DEVICE**
[54] **METHODE ET SYSTEME PERMETTANT LA GESTION DE DOSSIER DE DONNEES DANS UN DISPOSITIF INFORMATIQUE**
[72] HARDY, MICHAEL THOMAS, CA
[72] RUNSTEDLER, CHRISTOPHER JAMES, CA
[72] JAIN, ROHIT ROCKY, CA
[73] BLACKBERRY LIMITED, CA
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[22] 2009-12-17
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[54] **METHOD AND APPARATUS FOR NON-LINEAR UNIT-LEVEL SORTATION IN ORDER FULFILLMENT PROCESSES**
[54] **PROCEDE ET APPAREIL POUR TRI NON LINEAIRE AU NIVEAU DE L'UNITE DANS DES PROCESSUS D'EXECUTION DE COMMANDE**
[72] BATTLES, JON S., US
[72] WRIGHTSON, IAN J., US
[72] CLARK, DAVID H., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2009-12-18
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[25] EN
[54] **PURINE DERIVATIVES AND THEIR USE AS MODULATORS OF TOLL-LIKE RECEPTOR 7**
[54] **DERIVES DE PURINE ET LEUR UTILISATION COMME MODULATEURS DU RECEPTEUR DE TYPE TOLL-7**
[72] GRAUPE, MICHAEL, US
[72] HALCOMB, RANDALL L., US
[73] GILEAD SCIENCES, INC., US
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[30] US (60/937,726) 2007-06-29
[30] US (60/959,714) 2007-07-16

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[25] EN
[54] **.ALPHA.-CHLORO AND .ALPHA.-BROMO PHOSPHONATE ANALOGS OF LYSOPHOSPHATIDIC ACID AND METHODS OF MAKING AND USING THEREOF**
[54] **ANALOGUES PHOSPHONATES .ALPHA.-CHLORES ET .ALPHA.-BROMES DE L'ACIDE LYSOPHOSPHATIDIQUE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] PRESTWICH, GLENN, US
[72] TIGYI, GABOR, US
[72] JIANG, GUOWEI, US
[72] YANG, GUANGHUI, CN
[72] GAJEWIAK, JOANNA, US
[72] ZHANG, HONGLU, US
[72] XU, XIAOYU, US
[73] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[73] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[30] US (60/944,120) 2007-06-15

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[13] C

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[25] EN
[54] **NATURAL STABILISER SYSTEM FOR FROZEN DESSERT**
[54] **SYSTEME DE STABILISATEUR NATUREL POUR DESSERT GLACE**
[72] QUESSETTE, MAYLIS, FR
[72] SILBERZAHN, WILHELM KARL, DE
[73] NESTEC S.A., CH
[85] 2009-12-21
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[13] C

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/145 (2006.01)**
[25] EN
[54] **EMULSION VACCINE COMPOSITIONS COMPRISING ANTIGEN AND ADJUVANT IN THE AQUEOUS PHASE**
[54] **COMPOSITION DE VACCIN EN EMULSION COMPRENANT UN ANTIGENE ET UN ADJUVANT DANS LA PHASE AQUEUSE**
[72] LUTZ, DAVID LEON, US
[72] RODENBERG, JEFFREY HAROLD, US
[72] DIEHL, EVAN JAMES, US
[72] KUMAR, MAHESH, US
[73] ZOETIS SERVICES LLC, US
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[25] EN
[54] **MOVABLE BARRIER OPERATOR AND TRANSMITTER WITH IMMINENT BARRIER MOVING NOTIFICATION**
[54] **DISPOSITIF DE COMMANDE DE BARRIERE MOBILE ET EMETTEUR AVEC AVERTISSEMENT DE DEPLACEMENT DE BARRIERE IMMINENT**
[72] LAIRD, EDWARD T., US
[73] THE CHAMBERLAIN GROUP, INC., US
[86] (2693580)
[87] (2693580)
[22] 2010-02-18
[30] US (12/409,584) 2009-03-24

[11] **2,694,014**
[13] C

[51] **Int.Cl. E21B 49/00 (2006.01) E21B 41/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **METHOD FOR VIRTUAL METERING OF INJECTION WELLS AND ALLOCATION AND CONTROL OF MULTI-ZONAL INJECTION WELLS**
[54] **PROCEDE POUR LA MESURE VIRTUELLE DE PUIITS D'INJECTION ET L'AFFECTATION ET LA COMMANDE DE PUIITS D'INJECTION A MULTIPLES ZONES**
[72] GOH, KEAT-CHOON, NL
[72] BRIERS, JAN JOZEF MARIA, NL
[72] LAUWERYS, CHRISTOPHE, BE
[72] VAN OVERSCHEE, PETER STEFAAN LUTGARD, BE
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2010-01-19
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[13] C

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[54] **LABELED INHIBITORS OF PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA), BIOLOGICAL EVALUATION, AND USE AS IMAGING AGENTS**
[54] **INHIBITEURS MARQUE DE L'ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE (PSMA), EVALUATION BIOLOGIQUE, ET UTILISATION EN TANT QU'AGENTS D'IMAGERIE**
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[72] RAY, SANGEETA, US
[72] MEASE, RONNIE C., US
[72] FOSS, CATHERINE, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **NOVEL FLUORESCENT DERIVATIVES OF POLYAMINE, METHOD FOR PREPARING SAME AND APPLICATIONS THEREOF AS DIAGNOSIS TOOLS IN THE TREATMENT OF CANCEROUS TUMOURS**
[54] **NOUVEAUX DERIVES FLUORESCENTS DE POLYAMINES, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS EN TANT QU'OUTILS DE DIAGNOSTIC DANS LE TRAITEMENT DES TUMEURS CANCEREUSES**
[72] ANNHEREAU, JEAN-PHILIPPE, FR
[72] BARRET, JEAN-MARC, FR
[72] GUMINSKI, YVES, FR
[72] IMBERT, THIERRY, FR
[73] PIERRE FABRE MEDICAMENT, FR
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[54] **METHOD FOR OPERATION OF A CONVERTER CIRCUIT, AND APPARATUS FOR CARRYING OUT THE METHOD**
[54] **METHODE DE FONCTIONNEMENT DE CIRCUIT CONVERTISEUR, ET DISPOSITIF D'EXECUTION**
[72] WINKELNKEMPER, MANFRED, CH
[73] ABB SCHWEIZ AG, CH
[86] (2694507)
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[54] **APPLICATEUR ANTIBACTERIEN POUR MAQUILLAGE**

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[73] NAKAMURA, KENJI, JP

[73] NAKAMURA, KOJI, JP

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[72] KACIK, MARK S., US

[72] MOGHE, SANJEEV, US

[72] PULVER, DALE A., US

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[72] HAMMER, HANNO, AT

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[54] **MELANGES DE POLYESTER-POLYAMIDE CONSERVANT UNE BONNE COULEUR DANS UN TRAITEMENT THERMIQUE**

[72] HEATER, PAUL LEWIS, US

[72] ELLIOTT, GULIZ ARF, US

[72] OROZ, GERALD, US

[72] KNUDSEN, RICARDO, BR

[72] FERRARI, GIANLUCA, IT

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[54] **COMPOSITIONS DE MOULAGE A BASE DE COPOLYMERE POLYURETHANE THERMOPLASTIQUE**

[72] HUMPHREY, WILLIAM M., US

[72] DRAGO, PAUL, US

[72] ANDERSON, TERRY L., US

[73] CHARRON, JAMES R., US

[73] COVESTRO LLC, US

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[54] **ANTIGEN BINDING PROTEINS TO PROPROTEIN CONVERTASE SUBTILISIN KEXIN TYPE 9 (PCSK9)**

[54] **PROTEINES DE LIAISON A UN ANTIGENE POUR PROPROTEINE CONVERTASE SUBTILISINE KEXINE DE TYPE 9 (PCSK9)**

[72] JACKSON, SIMON MARK, US

[72] WALKER, NIGEL PELHAM CLINTON, US

[72] PIPER, DEREK EVAN, US

[72] SHAN, BEI, US

[72] SHEN, WENYAN, US

[72] CHAN, JOYCE CHI YEE, US

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[54] **MOLDED POLYMERIC SPACING DEVICES**

[54] **DISPOSITIFS D'ESPACEMENT POLYMERIQUES MOULES**

[72] ZIEHM, MARK W., US

[72] RADLICK, MICHAEL J., III, US

[72] WEBER, LAWRENCE R., US

[73] HENKEL AG & CO. KGAA, DE

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[54] **SYSTEME DE CONVOYEUR TELESCOPIQUE A PROFIL BAS**

[72] JOHANNSEN, THORKIL J., CA

[73] THOR GLOBAL ENTERPRISES LTD., CA

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[54] **SEALING ASSEMBLY WITH INNER AND OUTER SEALS**

[54] **DISPOSITIF ETANCHE DOTE DE JOINTS INTERNES ET EXTERNES**

[72] MCROBB, GRAEME, GB

[72] DEWAR, JOHN, GB

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[54] **MOTION DETECTION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE DETECTION DE MOUVEMENT**

[72] ZALEVSKY, ZEEV, IL

[72] GARCIA, JAVIER, ES

[73] BAR ILAN UNIVERSITY, IL

[73] UNIVERSTITAT DE VALENCIA, ES

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[54] **PROCEDE DE TRAITEMENT DU DIABETE**

[72] MCLANE, MICHAEL, US

[72] RUIZ-WHITE, INEZ, US

[72] WOLFE, HENRY, US

[73] OHR PHARMACEUTICAL, INC., US

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[54] **POMPES ET TETES DE POMPE COMPRENANT UN ELEMENT INTERNE D'ABSORPTION DE PRESSION**

[72] GRIMES, DAVID J., US

[72] WARDLE, KEITH J., GB

[73] MICROPUMP, INC., US

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[54] **SEAL COATING BETWEEN ROTOR BLADE AND ROTOR DISK SLOT IN GAS TURBINE ENGINE**

[54] **REVETEMENT D'OBTURATION REALISE ENTRE LA PALE D'UN ROTOR ET LA FENTE DE DISQUE D'UN ROTOR DANS UNE TURBINE A GAZ**

[72] WEBB, RENE JAMES, GB

[73] SIEMENS AKTIENGESELLSCHAFT, DE

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[72] TAMALET, STEPHANE, FR

[72] GOBBO, GILLES, FR

[72] DURAND, FREDERIC, FR

[72] DEVILLE, JEAN-GEORGES, FR

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[54] **DISPOSITIF D'EXTINCTION D'INCENDIE ET PROCEDE CORRESPONDANT**

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[72] TANGEN, RICHARD, NO

[73] KLIMEK, CHRISTIAN, NO

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[54] **COMPOSITIONS COMPRENANT DES MODULATEURS DU RECEPTEUR DE SPHINGOSINE 1-PHOSPHATE (S1P)**
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[72] AMBUEHL, MICHAEL, CH
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[25] FR
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[54] **PROCEDE DE TRAITEMENT DE SURFACE D'AU MOINS UNE PIECE AU MOYEN DE SOURCES ELEMENTAIRES DE PLASMA PAR RESONANCE CYCLOTRONIQUE ELECTRONIQUE**
[72] SCHMIDT, BEAT, FR
[72] HEAU, CHRISTOPHE, FR
[72] MAURIN-PERRIER, PHILIPPE, FR
[73] H.E.F., FR
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[54] **PROCEDE D'IMPLEMENTATION POUR SERVICE MULTIMEDIA MRBT**
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[72] ZHOU, FUXING, CN
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[54] **COMPOSITIONS ET PROCEDES POUR L'UTILISATION D'ANTICORPS CONTRE LA SCLEROSTINE**
[72] KNEISSEL, MICHAELA, CH
[72] HALLEUX, CHRISTINE, CH
[72] HU, SHOU-IH, US
[72] DIEFENBACH-STREIBER, BEATE, DE
[72] PRASSLER, JOSEF, DE
[73] MEROE BIOPHARMA 3 LIMITED, GB
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[54] **SYSTEME DE CASIERS VENTILE**
[72] GABRIEL, GEORGE S., US
[72] CAMPBELL, NEIL E., US
[72] MURRAY, DALE, US
[72] GERRINGER, RODNEY, US
[72] ELDTRETH, EDWARD K., US
[72] PARK, CHINSOO, US
[72] IRWIN, LYNN, US
[72] LASTOWSKI, PHILIP, US
[72] MILLER, CURTIS, US
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[54] **APPAREIL DE DECOUPE DE FEUILLURE DE CARREAU**

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[72] PUGH, DARREN, GB

[73] PUGH, DANIEL, GB

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[54] **DISPOSITIF DE DECONTAMINATION PAR BRUMISATION ET METHODE**

[72] FENTON, MARCUS BRIAN MAYHALL, GB

[72] FRENCH, JAMES OLIVER, GB

[73] TYCO FIRE & SECURITY GMBH, CH

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[54] **METALLOFULLERENE CONTRAST AGENTS**

[54] **AGENTS DE CONTRASTE METALLOFULLERENE**

[72] MACFARLAND, DARREN K., US

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[72] SHUKLA, RAJESH, US

[72] WALKER, KENNETH L., US

[72] WILSON, STEPHEN R., US

[72] ZHOU, ZHIGUO, US

[73] LUNA INNOVATIONS INCORPORATED, US

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[54] **APPAREIL D'ATOMISATION AMELIORE**

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[72] FRENCH, JAMES OLIVER, GB

[73] TYCO FIRE & SECURITY GMBH, CH

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[54] **FLUID HANDLING DEVICE WITH ULTRASOUND SENSOR AND METHODS AND SYSTEMS USING SAME**

[54] **DISPOSITIF DE MANIPULATION DE FLUIDE AYANT UN CAPTEUR A ULTRASONS ET PROCEDES ET SYSTEMES UTILISANT CELUI-CI**

[72] HEINZE, KARL R., US

[72] BRADY, LEE, US

[72] AUSTHOF, WILLIAM J., US

[73] PERKINELMER HEALTH SCIENCES, INC., US

[85] 2010-04-30

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[54] **DISPOSITIF ET SYSTEME DE PILE A COMBUSTIBLE**

[72] DEVOE, ALAN, US

[72] DEVOE, LAMBERT, US

[73] DEVOE, ALAN, US

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[54] **APPAREIL DE PROTECTION CONTRE L'INCENDIE, SYSTEMES ET PROCEDES POUR TRAITER UN FEU AVEC UNE BRUME**

[72] FENTON, MARCUS BRIAN
MAYHALL, GB

[72] FRENCH, JAMES OLIVER, GB
[72] MAGNONE, ZACHARY L., US
[72] LEBLANC, DAVID J., US
[72] TROUTT, SEAN S., US
[73] TYCO FIRE & SECURITY GMBH, CH

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[87] (WO2009/061471)
[30] US (60/987,021) 2007-11-09
[30] US (60/989,083) 2007-11-19
[30] GB (0803959.6) 2008-03-03

[11] **2,705,150**
[13] C

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[54] **SUBSTITUTED CYCLOPENTANES HAVING PROSTAGLANDIN ACTIVITY**

[54] **CYCLOPENTANES SUBSTITUES AYANT UNE ACTIVITE DE PROSTAGLANDINE**

[72] DONDE, YARIV, US
[72] NGUYEN, JEREMIAH H., US
[72] BURK, ROBERT M., US
[73] ALLERGAN, INC., US

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[30] US (12/265,062) 2008-11-05

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[13] C

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[54] **CIRCULATION SUB WITH INDEXING MECHANISM**

[54] **RACCORD DE CIRCULATION A MECANISME D'INDEXATION**

[72] CLAUSEN, JEFFERY RONALD, US
[72] MARCHAND, NICHOLAS RYAN, CA
[73] NATIONAL OILWELL VARCO, L.P., US

[85] 2010-05-07
[86] 2008-11-19 (PCT/US2008/083986)
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[30] US (60/989,345) 2007-11-20

[11] **2,705,937**
[13] C

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[25] EN
[54] **WAVE COIL FILTER ASSEMBLY**

[54] **ENSEMBLE DE FILTRATION A SPIRES ONDULEES**

[72] CAREW, BAYNE, US
[73] CAREW, BAYNE, US

[85] 2010-05-17
[86] 2008-11-18 (PCT/US2008/012882)
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[30] US (11/942,525) 2007-11-19

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[25] EN
[54] **USE OF SOMATOSTATIN ANALOGS IN MENINGIOMA**

[54] **UTILISATION D'ANALOGUES DE SOMATOSTATINE DANS LE MENINGIOME**

[72] GRUIA, GABRIELA, US
[72] TAVORATH, RANJANA, US
[73] NOVARTIS AG, CH

[85] 2010-05-17
[86] 2008-11-25 (PCT/US2008/084598)
[87] (WO2009/070551)
[30] US (61/004,549) 2007-11-28

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[54] **APPARATUS FOR TOPICAL NEGATIVE PRESSURE THERAPY**

[54] **APPAREIL POUR THERAPIE PAR PRESSION NEGATIVE TOPIQUE**

[72] HALL, KRISTIAN, GB
[72] HARTWELL, EDWARD, GB
[73] SMITH & NEPHEW PLC, GB

[85] 2010-05-18
[86] 2008-11-26 (PCT/GB2008/051118)
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[30] GB (0723872.8) 2007-12-06

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[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/159 (2014.01) H04N 19/18 (2014.01) H04N 19/52 (2014.01)**
[25] EN
[54] **IMAGE ENCODING SYSTEM BASED UPON BOUNDARY STRENGTH**

[54] **SYSTEME DE CODAGE D'IMAGE BASE SUR LA FORCE DE LIMITE**

[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL

[86] (2706895)
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[25] EN
[54] **PIPE COATING**

[54] **REVETEMENT DE TUYAU**

[72] ABARCA MELO, RICARDO, CL
[72] RAMIREZ TOLEDO, JAIME, CL
[72] SAN MARTIN CISTERNA, WILFREDO, CL
[73] VULCO S.A., CL

[85] 2010-05-18
[86] 2008-11-27 (PCT/AU2008/001757)
[87] (WO2009/067749)
[30] CL (03408-2007) 2007-11-27

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[25] EN

[54] **CHIRAL 3-(BENZYL-SULFINYL)-5,5-DIMETHYL-4,5-DIHYDROISOXAZOLE DERIVATIVES AND 5,5-DIMETHYL-3-[(1H-PYRAZOL-4-YLMETHYL)SULFINYL]-4,5-DIHYDROISOXAZOLE DERIVATIVES, METHOD FOR THE PRODUCTION THEREOF, AND USE OF SAME AS HERBICIDES AND PLANT GROWTH REGULATORS**

[54] **DERIVES CHIRAUX DE 3-(BENZYL-SULFINYL)-5,5-DIMETHYL-4,5-DIHYDROISOXAZOLE ET DE 5,5-DIMETHYL-3-[(1H-PYRAZOL-4-YLMETHYL)SULFINYL]-4,5-DIHYDROISOXAZOLE, PROCEDES POUR LEUR PRODUCTION ET LEUR UTILISATION EN TANT QU'HERBICIDES ET REGULATEURS DE CROISSANCE DES VEGETAUX**

[72] DIETRICH, HANSJOERG, DE
[72] MARTELLETTI, ARIANNA, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] DITTGEN, JAN, DE
[72] FEUCHT, DIETER, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2010-05-28
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[11] **2,707,208**
[13] C

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[25] EN

[54] **ENHANCED DATA EXCHANGE AND FUNCTIONALITY CONTROL SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE AMELIORES D'ECHANGE DE DONNEES ET DE COMMANDE DE FONCTIONNALITE**

[72] FRANKLIN, RICHARD L., US
[72] CUFFE, ROBERT, US
[72] CASE, WILLARD, US
[72] ROBERTS, MARK D., US
[73] COMLET TECHNOLOGIES, LLC, US
[85] 2010-05-28
[86] 2008-12-01 (PCT/US2008/013230)
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[30] US (11/987,515) 2007-11-30

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[13] C

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[25] EN

[54] **AN APPARATUS FOR WASHING AND DEWATERING PULP, A SYSTEM FOR CONTROLLING SUCH AN APPARATUS, AND A METHOD FOR PROCESSING PULP IN SUCH AN APPARATUS**

[54] **APPAREIL DE LAVAGE ET D'EPAISSISSEMENT DE PATE A PAPIER, SYSTEME DE COMMANDE DE L'APPAREIL, ET PROCEDE DE TRAITEMENT DE LA PATE DANS LEDIT APPAREIL**

[72] BYLANDER, JOHAN, SE
[72] PONTEN, FREDRIK, SE
[72] ANDERSSON, RICKARD, SE
[72] DANIELSSON, MAGNUS, SE
[73] VALMET TECHNOLOGIES, INC., FI
[85] 2010-06-01
[86] 2008-12-11 (PCT/SE2008/051443)
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[30] SE (0750011-9) 2007-12-13

[11] **2,707,830**
[13] C

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[54] **LIQUID AND SOLID EFFLUENT TREATMENT PROCESS**

[54] **PROCEDE DE TRAITEMENT D'EFFLUENTS LIQUIDES ET SOLIDES**

[72] EVELIN, SALOMAO SOLINO, BR
[72] SILVA, ROBERTO MATTIOLI, BR
[73] VALE INCO LIMITED, CA
[85] 2010-06-02
[86] 2009-01-15 (PCT/CA2009/000001)
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[30] US (61/021,147) 2008-01-15
[30] US (12/351,058) 2009-01-09

[11] **2,708,080**
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[54] **ANTITUMORAL COMPOUNDS**

[54] **COMPOSES ANTITUMORAUX**

[72] TULLA-PUCHE, JUDIT, ES
[72] MARCUCCI, ELEONORA, ES
[72] BAYÓ-PUXAN, NURIA, ES
[72] ALBERICIO, FERNANDO, ES
[72] CUEVAS MARCHANTE, MARIA DEL CARMEN, ES
[73] PHARMA MAR, S.A., ES
[85] 2010-06-03
[86] 2008-12-10 (PCT/EP2008/067189)
[87] (WO2009/077401)
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[13] C

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[25] EN

[54] **CURABLE BENZOXAZINE-BASED COMPOSITIONS, THEIR PREPARATION AND CURED PRODUCTS THEREOF**

[54] **COMPOSITIONS DURCISSABLES A BASE DE BENZOXAZINES, LEUR PROCÉDE D'OBTENTION ET PRODUITS DURCIS ISSUS DE CES COMPOSITIONS**

[72] KREILING, STEFAN, DE
[72] SCHONFELD, RAINER, DE
[72] TADEN, ANDREAS, DE
[72] LEHMANN, STANLEY LEROY, US
[73] HENKEL AG & CO. KGAA, DE
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2010-06-04
[86] 2008-12-02 (PCT/US2008/013291)
[87] (WO2009/075744)
[30] US (60/992,917) 2007-12-06

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[54] **ANT CONTROL**

[54] **LUTTE CONTRE LES FOURMIS**

[72] COSKY, STEVEN, US
[72] LOVELADY, CLARK, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2010-06-04
[86] 2008-12-16 (PCT/EP2008/010700)
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[11] **2,708,275**
[13] C

[51] **Int.Cl. B66D 1/52 (2006.01) B66D 1/42 (2006.01)**

[25] EN

[54] **TENSION HOLDER FOR LOAD LIFTING**

[54] **DISPOSITIF DE MAINTIEN SOUS TENSION POUR LE LEVAGE DE CHARGE**

[72] ROMO, DAVID AREVALO, US
[73] SAFEWORKS, LLC, US
[85] 2010-06-07
[86] 2008-12-17 (PCT/US2008/087244)
[87] (WO2009/085861)
[30] US (11/960,331) 2007-12-19

[11] **2,708,527**
[13] C

[51] **Int.Cl. A23L 33/19 (2016.01) A23L 33/115 (2016.01) A23L 33/125 (2016.01) A23L 33/17 (2016.01) A23P 10/40 (2016.01) A23C 21/06 (2006.01)**

[25] EN

[54] **STABLE NUTRITIONAL POWDER**

[54] **POUDRE NUTRITIONNELLE STABLE**

[72] CLINGER, CHRISTINE L., US
[72] BOFF, JEFFREY M., US
[72] KATZ, GARY E., US
[72] JOHNS, PAUL W., US
[72] BERGANA, MARTI, US
[73] ABBOTT LABORATORIES, US
[85] 2010-06-08
[86] 2008-10-29 (PCT/US2008/081596)
[87] (WO2009/085388)
[30] US (61/015,318) 2007-12-20

[11] **2,708,666**
[13] C

[51] **Int.Cl. C07D 217/20 (2006.01)**

[25] EN

[54] **PROCESS FOR THE RESOLUTION OF ISOQUINOLINE DERIVATIVES**

[54] **PROCÉDE DE RESOLUTION DE DERIVES D'ISOQUINOLINE**

[72] SEGNALINI, FRANCA, IT
[72] TUOZZI, ANGELA, IT
[72] GENTILE, ANGELO, IT
[73] RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA S.P.A., IT
[85] 2010-06-09
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[87] (WO2009/106547)
[30] IT (MI2008A000319) 2008-02-28

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[13] C

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[25] EN

[54] **SULFONAMIDES AS OREXIN ANTAGONISTS**

[54] **SULFONAMIDES EN TANT QU'ANTAGONISTES DE L'OREXINE**

[72] KNUST, HENNER, DE
[72] NETTEKOVEN, MATTHIAS, DE
[72] PINARD, EMMANUEL, FR
[72] ROCHE, OLIVIER, FR
[72] ROGERS-EVANS, MARK, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2010-06-11
[86] 2009-01-12 (PCT/EP2009/050272)
[87] (WO2009/092642)
[30] EP (08150435.9) 2008-01-21

[11] **2,709,872**
[13] C

[51] **Int.Cl. C07D 489/08 (2006.01)**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF NORMORPHINAN SALTS**

[54] **PROCESSUS DE PREPARATION DE SELS DE NORMORPHINE**

[72] WANG, PETER X., US
[72] JIANG, TAO, US
[72] CANTRELL, GARY L., US
[72] BERBERICH, DAVID W., US
[72] TRAWICK, BOBBY N., US
[72] BAO, JIAN, US
[73] MALLINCKRODT LLC, US
[85] 2010-06-17
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[13] C

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[25] EN
[54] **ULTRAVIOLET LIGHT TREATMENT CHAMBER**
[54] **CHAMBRE DE TRAITEMENT PAR RAYONNEMENT ULTRAVIOLET**
[72] COOPER, JAMES RANDALL, US
[72] MAY, RICHARD, US
[73] ULTRAVIOLET SCIENCES, INC., US
[85] 2010-06-17
[86] 2008-12-11 (PCT/US2008/086305)
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[30] US (11/959,445) 2007-12-18

[11] **2,710,436**
[13] C

[51] **Int.Cl. B60K 26/00 (2006.01) B60R 16/023 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTELY MODIFYING VEHICLE OPERATIONS**
[54] **SYSTEME ET PROCEDE POUR MODIFIER A DISTANCE DES OPERATIONS DE VEHICULE**
[72] HYDE, RODERICK A., US
[72] ISHIKAWA, MURIEL Y., US
[72] KARE, JORDIN T., US
[72] NUGENT, THOMAS J., JR., US
[72] WOOD, LOWELL L., JR., US
[72] WOOD, VICTORIA Y.H., US
[73] SEARETE LLC, US
[85] 2010-06-21
[86] 2008-12-17 (PCT/US2008/013939)
[87] (WO2009/088437)
[30] US (12/006,268) 2007-12-31
[30] US (12/006,262) 2007-12-31
[30] US (12/006,274) 2007-12-31
[30] US (12/006,237) 2007-12-31

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[13] C

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[25] EN
[54] **CARBOXAMIDE COMPOUNDS AND THEIR USE AS CALPAIN INHIBITORS**
[54] **COMPOSES DE CARBOXAMIDE ET LEUR UTILISATION COMME INHIBITEURS DE LA CALPAINE**
[72] HORNBERGER, WILFRIED, DE
[72] MACK, HELMUT, DE
[72] KLING, ANDREAS, DE
[72] MOELLER, ACHIM, DE
[72] VOGG, BARBARA, DE
[72] DELZER, JUERGEN, DE
[72] BACKFISCH, GISELA, DE
[72] BEYERBACH, ARMIN, DE
[73] ABBVIE DEUTSCHLAND GMBH & CO KG, DE
[85] 2010-06-28
[86] 2008-12-29 (PCT/EP2008/068313)
[87] (WO2009/083581)
[30] EP (PCT/EP2007/064617) 2007-12-28
[30] EP (08159041.6) 2008-06-25

[11] **2,712,192**
[13] C

[51] **Int.Cl. C07D 333/40 (2006.01) A61K 31/381 (2006.01) A61P 27/06 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS**
[54] **COMPOSES THERAPEUTIQUES**
[72] JOHNSON, BRENT A., US
[72] OLD, DAVID W., US
[72] DONDE, YARIV, US
[72] BURK, ROBERT M., US
[73] ALLERGAN, INC., US
[85] 2010-07-14
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[30] US (61/022,282) 2008-01-18
[30] US (12/352,995) 2009-01-13

[11] **2,712,373**
[13] C

[51] **Int.Cl. C07D 305/14 (2006.01)**
[25] FR
[54] **CRYSTALLINE FORMS OF DIMETHOXY DOCETAXEL AND METHODS FOR PREPARING SAME**
[54] **FORMES CRISTALLINES DU DIMETHOXY DOCETAXEL ET LEURS PROCEDES DE PREPARATION**
[72] BILLOT, PASCAL, FR
[72] DUFRAIGNE, MARIELLE, FR
[72] ELMALEH, HAGIT, FR
[72] GUILIANI, ALEXANDRE, FR
[72] MANGIN, FABRICE, FR
[72] RORTAIS, PATRICIA, FR
[72] ZASKE, LIONEL, FR
[73] AVENTIS PHARMA S.A., FR
[85] 2010-07-15
[86] 2009-01-15 (PCT/FR2009/000042)
[87] (WO2009/115655)
[30] FR (0800243) 2008-01-17

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[13] C

[51] **Int.Cl. A22B 5/00 (2006.01) A22B 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING ITEMS SUCH AS PIECES OF MEAT**
[54] **PROCEDE DE TRAITEMENT D'ARTICLES TELS QUE DES MORCEAUX DE VIANDE**
[72] THORSSON, BRYNJOLFUR, IS
[72] AXELSSON, STEFAN, IS
[73] MAREL HF, IS
[85] 2010-07-20
[86] 2009-01-30 (PCT/EP2009/051070)
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[30] EP (08002022.5) 2008-02-04

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[13] C

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[25] EN
[54] **INTENSITY MODULATED FIBER OPTIC STRAIN SENSOR**
[54] **SONDE DE CONTRAINTE A FIBRE OPTIQUE A MODULATION D'INTENSITE**
[72] LAGAKOS, NICHOLAS, US
[72] BUCARO, JOSEPH A., US
[72] JARZYNSKI, JACEK, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[85] 2010-07-15
[86] 2009-03-09 (PCT/US2009/036457)
[87] (WO2009/123827)
[30] US (12/113,749) 2008-05-01
[30] US (61/042,029) 2008-04-03

[11] **2,713,550**
[13] C

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **TRIAZOLOPYRIDAZINES AS PARI INHIBITORS, PRODUCTION THEREOF, AND USE AS MEDICAMENTS**
[54] **TRIAZOLOPYRIDAZINES EN TANT QU'INHIBITEURS DE PARI, LEUR PRODUCTION ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**
[72] HEINELT, UWE, DE
[72] WEHNER, VOLKMAR, DE
[72] HERRMANN, MATTHIAS, DE
[72] SCHOENAFINGER, KARL, DE
[72] STEINHAGEN, HENNING, DE
[72] SCHEIPER, BODO, DE
[73] SANOFI-AVENTIS, FR
[85] 2010-07-28
[86] 2009-01-23 (PCT/EP2009/000406)
[87] (WO2009/097970)
[30] EP (08290112.5) 2008-02-05

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[13] C

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **TRIAZOLIUM SALTS AS PARI INHIBITORS, PRODUCTION THEREOF, AND USE AS MEDICAMENTS**
[54] **SELS DE TRIAZOLIUM EN TANT QU'INHIBITEURS DE PARI, LEUR PRODUCTION ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**
[72] HEINELT, UWE, DE
[72] WEHNER, VOLKMAR, DE
[72] HERRMANN, MATTHIAS, DE
[72] SCHOENAFINGER, KARL, DE
[72] STEINHAGEN, HENNING, DE
[73] SANOFI-AVENTIS, FR
[85] 2010-07-28
[86] 2009-01-23 (PCT/EP2009/000407)
[87] (WO2009/097971)
[30] EP (08290114.1) 2008-02-05

[11] **2,715,336**
[13] C

[51] **Int.Cl. E02B 5/02 (2006.01)**
[25] EN
[54] **A DRAINAGE CHANNEL FOR LIQUID RELOCATION AND LINER THEREFOR**
[54] **CANAL D'EVACUATION POUR LE DEPLACEMENT DE LIQUIDE ET SON REVETEMENT**
[72] SIMON, THOMAS, US
[73] ABT, INC., US
[85] 2011-05-25
[86] 2009-02-11 (PCT/US2009/033829)
[87] (WO2009/102812)
[30] US (61/027,632) 2008-02-11

[11] **2,715,585**
[13] C

[51] **Int.Cl. A61K 47/26 (2006.01) A23G 1/00 (2006.01) A23G 3/00 (2006.01) A61K 9/16 (2006.01) A61K 31/7016 (2006.01) A61P 3/04 (2006.01)**
[25] FR
[54] **LARGE PARTICLE SIZE CRYSTALLISED MALTITOL POWDER, METHOD FOR PREPARING SAME AND APPLICATIONS THEREOF, PARTICULARLY IN CHOCOLATE PRODUCTION**
[54] **POUDRE DE MALTITOL CRISTALLISE DE GROSSE GRANULOMETRIE, SON PROCEDE DE FABRICATION ET SES APPLICATIONS, NOTAMMENT DANS LE CHOCOLAT**
[72] BARATA, MANUEL, FR
[72] LE BOT, YVES, FR
[72] MULLER NEE OSTERMANN, ELSA, FR
[72] RIBADEAU-DUMAS, GUILLAUME, FR
[73] ROQUETTE FRERES, FR
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[87] (WO2009/112740)
[30] FR (08 51168) 2008-02-22

[11] **2,716,513**
[13] C

[51] **Int.Cl. F04B 43/00 (2006.01) F04B 43/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LOADING OF TUBING INTO A PUMPING DEVICE**
[54] **PROCEDE ET SYSTEME DE CHARGEMENT DE TUBES DANS UN DISPOSITIF DE POMPAGE**
[72] DRAGER, CRAIG L., US
[72] KOLTZ, MICHAEL L., US
[72] NORMAN, GEROULD W., US
[73] MEDTRONIC XOMED, INC., US
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[51] **Int.Cl. B65D 47/08 (2006.01) B65D 43/14 (2006.01) B65D 43/22 (2006.01) B65D 50/00 (2006.01) B65D 55/08 (2006.01)**

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[54] **DEVICE FOR SEALING THE NECK OF A CONTAINER**

[54] **DISPOSITIF DE BOUCHAGE D'UN COL DE RECIPIENT**

[72] ANTIER, GREGORY, FR

[72] BERNARD, VERONIQUE, FR

[72] LUZZATO, MICHEL, FR

[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH

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[54] **ELECTROCHEMICAL PROCESS FOR THE RECOVERY OF METALLIC IRON AND SULFURIC ACID VALUES FROM IRON-RICH SULFATE WASTES, MINING RESIDUES AND PICKLING LIQUORS**

[54] **PROCEDE ELECTROCHIMIQUE DE RECUPERATION DE VALEURS DE FER METALLIQUE ET D'ACIDE SULFURIQUE A PARTIR DE DECHETS SULFATES RICHES EN FER, DE RESIDUS D'EXPLOITATION ET DE LESSIVES DEDECAPAGE.**

[72] CARDARELLI, FRANCOIS, CA

[73] ELECTROCHEM TECHNOLOGIES & MATERIALS INC., CA

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[30] US (61/044,282) 2008-04-11

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[13] C

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[54] **METHOD AND APPARATUS FOR JET-ASSISTED DRILLING OR CUTTING**

[54] **PROCEDE ET APPAREIL POUR LE MEULAGE OU LA COUPE ASSISTE PAR JET**

[72] SUMMERS, DAVID A., US

[72] WOELK, KLAUS H., US

[72] GALECKI, GRZEGORZ, US

[72] OGLESBY, KENNETH D., US

[73] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US

[73] OGLESBY, KENNETH D., US

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[54] **PARTICLE AGGLUTINATION IN A PIPETTE TIP**

[54] **AGGLUTINATION DE PARTICULES DANS UNE POINTE**

[72] DING, ZHONG, US

[72] WILSON-COLLEY, AMY M., US

[73] ORTHO-CLINICAL DIAGNOSTICS, INC., US

[85] 2010-09-08

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[25] EN

[54] **NOVEL METHOD FOR PREPARING READY-TO-BAKE FROZEN DOUGHS**

[54] **NOUVEAU PROCEDE POUR PREPARER DES BEIGNETS CONGELES PRETS A CUIRE**

[72] BONJEAN, BERNARD, BE

[72] CAPPELLE, STEFAN, BE

[72] DE POORTER, MARTIN, BE

[72] DERIEMAERKER, PETER, BE

[73] PURATOS N.V., BE

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[54] **MILLING TOOL FOR MACHINING WORK PIECES**

[54] **OUTIL DE FRAISAGE POUR L'USINAGE DE PIECES PAR ENLEVEMENT DE COPEAUX**

[72] POKOLM, FRANZ-JOSEF, DE

[73] POKOLM, FRANZ-JOSEF, DE

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[87] (WO2009/115526)

[30] DE (20 2008 000 026.2) 2008-03-18

[30] DE (20 2008 013 759.4) 2008-11-05

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[13] C

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[25] EN

[54] **PROBE FOR FLUID LEAK DETECTION WITH SPECIFIC DISTAL PART**

[54] **SONDE POUR DETECTION DE FUITE DE LIQUIDE, AVEC PARTIE DISTALE SPECIFIQUE**

[72] COURT, THIERRY, FR

[72] GOBY, JEAN MICHEL, FR

[72] ANSELMET, JEAN PIERRE, FR

[73] GAMBRO LUNDIA AB, SE

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[54] **METHOD AND APPARATUS FOR INCREASING ROTATIONAL AMPLITUDE OF ABRASIVE ELEMENT ON HIGH-SPEED ROTATIONAL ATHERECTOMY DEVICE**
[54] **PROCEDE ET DISPOSITIF POUR ACCROITRE L'AMPLITUDE EN ROTATION D'UN ELEMENT ABRASIF SUR UN DISPOSITIF D'ATHERECTOMIE ROTATIF A GRANDE VITESSE**
[72] KALLOK, MICHAEL J., US
[72] PETRUCCI, GARY M., US
[73] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2010-09-17
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[13] C

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[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING AN INFUSION PUMP**
[54] **PROCEDES ET SYSTEMES POUR COMMANDER UNE POMPE D'INFUSION**
[72] BRYANT, ROBERT J., JR., US
[72] SPENCER, GEOFFREY P., US
[72] MANDRO, MARC A., US
[72] ARMSTRONG, PATRICIA M., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[11] **2,719,026**
[13] C

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[25] EN
[54] **SURFACTANT COMPOSITIONS**
[54] **COMPOSITIONS DE TENSIOACTIFS**
[72] CUSH, RANDALL, US
[72] CUSH, SARAH, US
[72] HOPKINSON, MICHAEL, US
[72] KEIPER, JASON, US
[73] SYNGENTA PARTICIPATIONS AG, CH
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[13] C

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[25] FR
[54] **DEVICE FOR DETECTING THE OBSERVANCE BY A PATIENT OF AN OXYGEN-THERAPY TREATMENT**
[54] **DISPOSITIF DE DETECTION DE L'OBSERVANCE PAR UN PATIENT D'UN TRAITEMENT D'OXYGENOTHERAPIE**
[72] DESFORGES, DANIEL, FR
[72] JAILLET, MARIE, FR
[72] PIERQUIN, JOSEPH, FR
[72] MOUREN, EMILIE, FR
[72] LEGER, PATRICK, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2010-09-21
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[11] **2,719,220**
[13] C

[51] **Int.Cl. A23G 9/52 (2006.01) A23G 9/46 (2006.01)**
[25] EN
[54] **PARTICLES OF AERATED ICE CONFECTION PRODUCTS FOR FROZEN ICE DRINKS**
[54] **PARTICULES DE PRODUITS DE CONFISERIE GLACES AERES POUR BOISSONS GLACEES**
[72] PANYAM, DINAKAR, US
[72] VAGHELA, MADANSINH, US
[72] JOSHI, NISHANT ASHOK, US
[72] CHAN, HOO TUNG VINCENT, US
[73] NESTEC S.A., CH
[85] 2010-09-22
[86] 2009-03-13 (PCT/EP2009/052979)
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[30] US (61/044,152) 2008-04-11

[11] **2,719,861**
[13] C

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[25] EN
[54] **ARRANGEMENT OF A BELLOW ON A GUIDE MANDREL OF A DISC BRAKE**
[54] **DISPOSITION D'UN SOUFFLET SUR UNE TIGE D'UN FREIN A DISQUE**
[72] GRUBER, MARKUS, DE
[72] RAFFIN, CHRISTIAN, DE
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
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[25] FR
[54] **ACOUSTIC TREATMENT PANEL WITH INTEGRAL CONNECTING REINFORCEMENT**
[54] **PANNEAU POUR LE TRAITEMENT ACOUSTIQUE INTEGRANT UN RENFORT DE LIAISON**
[72] PORTE, ALAIN, FR
[72] LALANE, JACQUES, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2010-09-28
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[30] FR (08 52410) 2008-04-10

[11] **2,720,552**
[13] C

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[25] EN
[54] **ACYLTHIOUREA COMPOUND OR SALT THEREOF, AND USE THEREOF**
[54] **COMPOSE D'ACYLTHIOUREE OU SON SEL, ET UTILISATION DU COMPOSE OU DU SEL**
[72] SUDA, YOSHIMITSU, JP
[72] EGAMI, KOSUKE, JP
[72] FUJITA, HIDENORI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2010-10-04
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[11] **2,720,750**
[13] C

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[25] EN
[54] **SOLVENT-RESISTANT LIQUID PACKAGING BOARD, ITS MANUFACTURING METHOD AND USE, AND A DRINKING CUP MADE OF THE SAME**
[54] **CARTON DE CONDITIONNEMENT DE LIQUIDES RESISTANT AUX SOLVANTS, PROCEDE POUR SA FABRICATION ET SON UTILISATION ET TASSE A BOIRE CONSTITUEE DE CE CARTON**
[72] HEISKANEN, ISTO, FI
[72] MYLLYKANGAS, JANNE, FI
[72] RAISANEN, TIMO, FI
[73] STORA ENSO OYJ, FI
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[11] **2,720,807**
[13] C

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[25] FR
[54] **TURBOMACHINE ROTOR COMPRISING AN ANTI-WEAR PLUG, AND ANTI-WEAR PLUG-USU**
[54] **ROTOR DE TURBOMACHINE COMPORTANT UN BOUCHON ANTI-USURE, BOUCHON ANTI-USURE**
[72] CHRZASTEK, THOMAS, FR
[72] FORGUE, JEAN-BERNARD, FR
[72] GAVEAU, DOMINIQUE, FR
[72] REGHEZZA, PATRICK JEAN-LOUIS, FR
[72] TRICONNET, NICOLAS CHRISTIAN, FR
[73] SNECMA, FR
[73] MERSEN FRANCE GENNEVILLIERS SAS, FR
[85] 2010-10-05
[86] 2009-04-07 (PCT/EP2009/054174)
[87] (WO2009/124949)
[30] FR (0801901) 2008-04-07

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[13] C

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[25] EN
[54] **USE OF FILLER THAT UNDERGOES ENDOTHERMIC PHASE TRANSITION TO LOWER THE REACTION EXOTHERM OF EPOXY BASED COMPOSITIONS**
[54] **UTILISATION D'UNE MATIERE DE CHARGE QUI SUBIT UNE TRANSITION DE PHASE ENDOTHERMIQUE POUR ABAISSER LA CHALEUR EXOTHERMIQUE DE REACTION DE COMPOSITIONS A BASE D'EPOXYDE**
[72] VALETTE, LUDOVIC, CN
[72] DEBRUYNE, THOMAS, FR
[72] OCCHIELLO, ERNESTO, US
[73] BLUE CUBE IP LLC, US
[85] 2010-10-06
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[30] US (61/044,820) 2008-04-14

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[25] EN
[54] **DRIVE-THRU SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SERVICE AU VOLANT**
[72] BRIDGMAN, ED, US
[72] GUY, ALISON, US
[72] WEIL, DENIS, US
[72] WOHLFEIL, DAN, US
[73] RESTAURANT TECHNOLOGY, INC., US
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[54] **A METHOD OF DECREASING AN ENERGY CONSUMPTION OF A LIGHT EMITTING DEVICE WITHOUT DECREASING BRIGHTNESS**
[54] **UNE METHODE DE DIMINUTION DE LA CONSOMMATION D'ENERGIE D'UN DISPOSITIF EMETTANT DE LA LUMIERE SANS DIMINUER LA LUMINOSITE**
[72] MACKNIK, STEPHEN L., US
[72] MARTINEZ-CONDE, SUSANA, US
[73] DIGNITY HEALTH, US
[85] 2010-10-07
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[30] US (61/044,768) 2008-04-14

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[54] **OUTIL D'ACCES MINIMAL**
[72] AWTAR, SHORYA, US
[72] NIELSEN, JENS, US
[72] TRUTNA, TRISTAN THOMAS, US
[72] MANSFIELD, ANDREW, US
[72] ABANI, ROSA, US
[72] QUIGLEY, PATRICK, US
[72] GEIGER, JAMES, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[30] US (61/044,168) 2008-04-11

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[13] C

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[54] **RENTILLE INTRAOCULAIRE A REGLAGE DE PUISSANCE NON INVASIF**
[72] SACHAROFF, ALEX, US
[72] KARAKELLE, MUTLU, US
[73] ALCON, INC., CH
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[30] US (61/050,913) 2008-05-06

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[13] C

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[25] EN
[54] **CONCEPT OF EFFICIENTLY DISTRIBUTING ACCESS AUTHORIZATION INFORMATION**
[54] **CONCEPT POUR LA DISTRIBUTION EFFICACE D'UNE INFORMATION D'AUTORISATION D'ACCES**
[72] BARTEL-KURZ, BIRGIT, DE
[72] KRAEGELOH, STEFAN, DE
[72] PROSCH, MARKUS, DE
[72] ZEH, RINAT, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] DE (10 2008 020 832.9) 2008-04-25

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[13] C

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[25] EN
[54] **CHOKE TRIM ASSEMBLY**
[54] **ENSEMBLE GARNITURE D'ETRANGLEMENT**
[72] KING, KEITH JAMES, US
[72] PERRMANN, STEVEN J., US
[72] FERGUSON, EMILY, US
[73] M-I L.L.C., US
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[11] **2,723,895**
[13] C

[51] **Int.Cl. B61D 17/16 (2006.01) B61D 7/14 (2006.01) B65D 90/10 (2006.01) E05D 7/04 (2006.01)**
[25] EN
[54] **RAILROAD HOPPER CAR HATCH COVER**
[54] **COUVERCLE DE TRAPPE DE WAGON-TREMIE DE CHEMIN DE FER**
[72] HAYMOND, BRADLEY J., US
[72] O'DONNELL, WILLIAM P., US
[73] MINER ENTERPRISES, INC., US
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[30] US (12/384,929) 2009-04-10

[11] **2,724,626**
[13] C

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[25] EN
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[54] **SYSTEME DE POSITIONNEMENT DE TUBES ET PROCEDE DE POSITIONNEMENT SELECTIF DE TUBES**
[72] ZWEIFEL, THOMAS J., US
[73] BAKER HUGHES INCORPORATED, US
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[30] US (12/821,498) 2010-06-23

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[25] EN
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[54] **TAMPON POUR FISTULE**
[72] PECORARI, GIANNI, IT
[73] EMODIAL S.R.L., IT
[85] 2010-11-19
[86] 2009-05-15 (PCT/EP2009/055921)
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[30] IT (BO2008A 000303) 2008-05-19

[11] **2,725,408**
[13] C

[51] **Int.Cl. B01J 20/26 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **CO2 ABSORBENT AND METHOD FOR CO2 CAPTURE**
[54] **AGENT D'ABSORPTION DU CO<SB>2</SB> ET PROCEDE DE CAPTURE DU CO<SB>2</SB>**
[72] HAUGAN, THOMAS RAENES, NO
[73] AKER CLEAN CARBON AS, NO
[85] 2010-09-28
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[30] NO (20081053) 2008-02-28

[11] **2,728,358**
[13] C

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[54] **FIBRINOGENE FONCTIONNELLEMENT INTACT STABLE AU STOCKAGE**
[72] EIBL, JOHANN, AT
[73] BIO-PRODUCTS & BIO-ENGINEERING AKTIENGESELLSCHAFT, AT
[85] 2010-12-17
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[30] US (61/074,830) 2008-06-23

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[13] C

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[25] EN
[54] **COLLECTION AND ASSAY DEVICE FOR BIOLOGICAL FLUID**
[54] **DISPOSITIF DE COLLECTE ET D'ANALYSE D'UN LIQUIDE BIOLOGIQUE**
[72] WAN, JOHN, US
[72] WAN, ZHIJING, CN
[72] YUAN, CHUNHUA, CN
[72] LEI, SIYU, CN
[73] WAN, JOHN, US
[73] WAN, ZHIJING, CN
[73] YUAN, CHUNHUA, CN
[73] LEI, SIYU, CN
[85] 2010-12-17
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[87] (WO2010/101564)

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[13] C

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[25] EN
[54] **SOLID STATE FORMS OF A PHARMACEUTICAL**
[54] **FORMES A L'ETAT SOLIDE D'UN PRODUIT PHARMACEUTIQUE**
[72] WHITE, STEVEN K., US
[72] IVANISEVIC, IGOR, US
[72] STEPHENS, KYLE, US
[72] ANDRES, MARK, US
[72] WOLF, BRENTON, US
[73] NEURMEDIX, INC., US
[85] 2010-09-30
[86] 2009-04-03 (PCT/US2009/039567)
[87] (WO2009/124300)
[30] US (61/042,240) 2008-04-03

[11] **2,729,199**
[13] C

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[25] FR
[54] **METHOD FOR ASSEMBLING A FLOOR IN A COCKPIT STRUCTURE PREVIOUSLY CONSTRUCTED FROM A SECTION OF AIRCRAFT FUSELAGE**
[54] **PROCEDE D'ASSEMBLAGE D'UN PLANCHER DANS UNE STRUCTURE DE COQUE PREALABLEMENT CONSTITUEE D'UN TRONCON DE FUSELAGE D'AERONEF**
[72] SIBONI, LAURENT, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[85] 2010-12-22
[86] 2009-06-25 (PCT/FR2009/051215)
[87] (WO2010/004172)
[30] FR (0854412) 2008-06-30

[11] **2,729,587**
[13] C

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[25] EN
[54] **DRILL BIT HAVING FUNCTIONAL ARTICULATION TO DRILL BOREHOLES IN EARTH FORMATIONS IN ALL DIRECTIONS**
[54] **FORET POSSEDANT UNE ARTICULATION FONCTIONNELLE POUR FORER DES SONDAGES DANS DES FORMATIONS TERRESTRES DANS TOUTES LES DIRECTIONS**
[72] SHAMBURGER, JAMES, US
[72] WILDE, DAVID, US
[73] TERCEL IP LTD, VG
[85] 2010-12-29
[86] 2009-06-23 (PCT/US2009/003741)
[87] (WO2009/157992)
[30] US (12/215,435) 2008-06-27
[30] US (12/456,732) 2009-06-22

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[11] **2,729,981**
[13] C

[51] **Int.Cl. F03D 1/00 (2006.01)**
[25] EN
[54] **WIND TURBINE COMPRISING A MAIN BEARING AND METHOD FOR REPLACEMENT OF THE MAIN BEARING**
[54] **EOLIENNE COMPRENANT UN PALIER PRINCIPAL ET PROCEDE DE REMPLACEMENT DU PALIER PRINCIPAL**
[72] STIESDAL, HENRIK, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2011-01-05
[86] 2009-07-01 (PCT/EP2009/058235)
[87] (WO2010/003852)
[30] EP (08012251.8) 2008-07-07

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[13] C

[51] **Int.Cl. A47L 15/46 (2006.01)**
[25] EN
[54] **DISHWASHING MACHINE**
[54] **LAVE-VAISSELLE**
[72] TAMEISHI, YOSHIMASA, JP
[73] HOSHIZAKI DENKI KABUSHIKI KAISHA, JP
[85] 2011-01-05
[86] 2009-06-23 (PCT/JP2009/061402)
[87] (WO2010/004868)
[30] JP (2008-180455) 2008-07-10
[30] JP (2009-138308) 2009-06-09

[11] **2,730,217**
[13] C

[51] **Int.Cl. C10L 1/14 (2006.01) C10L 10/08 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD TO IMPROVE THE FUEL ECONOMY OF HYDROCARBON FUELED INTERNAL COMBUSTION ENGINES**
[54] **COMPOSITION ET PROCEDE POUR AMELIORER L'ECONOMIE EN COMBUSTIBLE DE MOTEURS A COMBUSTION INTERNE A ALIMENTATION PAR DES COMBUSTIBLES HYDROCARBONES**
[72] JUNG, ALFRED K., US
[72] VOELKEL, LUDWIG, DE
[72] CREMA, STEFANO, US
[72] MISSKE, ANDREA, DE
[73] BASF SE, DE
[85] 2011-01-07
[86] 2009-06-16 (PCT/US2009/047510)
[87] (WO2010/005720)
[30] US (61/079,964) 2008-07-11

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[13] C

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[54] **DEGRADABLE MICROCAPSULES**
[54] **MICROCAPSULES DEGRADABLES**
[72] KEMMER, CHRISTIAN, CH
[72] FLURI, DAVID, CH
[72] WITSCHI, ULRICH, CH
[72] WEBER, WILFRIED, DE
[72] FUSSENEGGER, MARTIN, CH
[73] ETH ZURICH, CH
[73] SWISSGENETICS, CH
[85] 2011-01-07
[86] 2009-07-10 (PCT/EP2009/058792)
[87] (WO2010/004018)
[30] EP (08104713.6) 2008-07-11

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[13] C

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[25] FR
[54] **IMPROVED HARPOON HEAD AND CORRESPONDING HARPOON**
[54] **TETE DE HARPON AMELIOREE ET HARPON CORRESPONDANT**
[72] PROUTIERE, SEVERINE, FR
[73] DCNS, FR
[85] 2011-01-20
[86] 2009-07-17 (PCT/FR2009/051430)
[87] (WO2010/010279)
[30] FR (0854938) 2008-07-21

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[13] C

[51] **Int.Cl. C25D 9/08 (2006.01) C25D 3/22 (2006.01) C25D 5/00 (2006.01) C25D 21/12 (2006.01) H01L 31/18 (2006.01)**
[25] FR
[54] **FORMATION OF A TRANSPARENT CONDUCTIVE OXIDE FILM FOR USE IN A PHOTOVOLTAIC STRUCTURE**
[54] **ELABORATION DE COUCHE D'OXYDE TRANSPARENTE ET CONDUCTRICE POUR UTILISATION DANS UNE STRUCTURE PHOTOVOLTAIQUE**
[72] LINCOT, DANIEL, FR
[72] ROUSSET, JEAN, FR
[73] ELECTRICITE DE FRANCE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
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[86] 2009-07-28 (PCT/FR2009/051518)
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[30] FR (08 55344) 2008-08-01

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[13] C

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[25] EN
[54] **METHODS AND DEVICES FOR TRANSMITTING AND RECEIVING DATA USED TO ACTIVATE A DEVICE TO OPERATE WITH A SERVER**
[54] **PROCEDES ET DISPOSITIFS DE TRANSMISSION ET DE RECEPTION DE DONNEES UTILISES POUR ACTIVER UN DISPOSITIF DESTINE A FONCTIONNER AVEC UN SERVEUR**
[72] BROWN, MICHAEL STEPHEN, CA
[72] KALU, KALU ONUKA, CA
[72] DEHART, BRANDON JAMES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2732568)
[87] (2732568)
[22] 2011-02-24
[30] EP (10154856.8) 2010-02-26

[11] **2,732,933**
[13] C

- [51] **Int.Cl. F23R 3/14 (2006.01) F23C 7/00 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **SWIRLER FOR MIXING FUEL AND AIR**
[54] **DISPOSITIF DE TOURBILLON POUR MELANGE DE CARBURANT ET D'AIR**
[72] HEADLAND, PAUL, GB
[73] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2011-02-03
[86] 2009-06-24 (PCT/EP2009/057863)
[87] (WO2010/015457)
[30] EP (08014023.9) 2008-08-05

[11] **2,733,132**
[13] C

- [51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR CONFIGURING A DEVICE FOR INTERACTION WITH A SERVER**
[54] **PROCEDE, SYSTEME ET APPAREIL SERVANT A CONFIGURER UN DISPOSITIF CONCU POUR INTERAGIR AVEC UN SERVEUR**
[72] O'REILLY, JACOB SAMUEL, CA
[72] PROUDFOOT, RYAN BROCK, CA
[73] BLACKBERRY LIMITED, CA
[86] (2733132)
[87] (2733132)
[22] 2011-03-02
[30] US (61/309,984) 2010-03-03
[30] US (12/813,261) 2010-06-10
[30] EP (10165549.6) 2010-06-10

[11] **2,733,972**
[13] C

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[25] EN
[54] **VIBRATIONAL DELTA AND THETA BRAIN WAVE INDUCTION APPARATUS AND METHOD FOR STIMULATION OF SLEEP**
[54] **APPAREIL VIBRANT INDUISANT DES ONDES CEREBRALES DELTA ET THETA, ET PROCEDE DE STIMULATION DU SOMMEIL**
[72] SUNNEN, GERARD V., US
[73] SUNNEN, GERARD V., US
[86] (2733972)
[87] (2733972)
[22] 2011-03-14
[30] US (12/723,363) 2010-03-12

[11] **2,733,987**
[13] C

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[25] EN
[54] **ANIMAL MODEL OF CENTRAL NEUROPATHIC PAIN AND METHODS OF MAKING AND USING THE SAME**
[54] **MODELE ANIMAL DE LA DOULEUR NEUROPATHIQUE CENTRALE ET SES PROCEDES D'OBTENTION ET D'UTILISATION**
[72] FALCI, SCOTT P., US
[73] FALCI, SCOTT P., US
[85] 2011-02-11
[86] 2009-08-14 (PCT/US2009/053915)
[87] (WO2010/019901)
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[11] **2,734,371**
[13] C

- [51] **Int.Cl. F02C 1/00 (2006.01) F17D 1/075 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTINUOUSLY CONDITIONING FED-OUT NATURAL GAS**
[54] **DISPOSITIF POUR LE CONDITIONNEMENT CONTINU DE GAZ NATUREL DESTOCKE**
[72] LENK, ANDREAS, DE
[73] EWE GASSPEICHER GMBH, DE
[85] 2011-01-31
[86] 2009-05-12 (PCT/DE2009/000668)
[87] (WO2010/015217)
[30] DE (10 2008 036 244.1) 2008-08-04

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[13] C

[51] **Int.Cl. G08G 1/0962 (2006.01) G08G 1/0965 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSMITTING A WARNING MESSAGE TO A DRIVER OF A VEHICLE**
[54] **PROCEDE ET SYSTEME DE TRANSMISSION D'UN MESSAGE D'AVERTISSEMENT AU CONDUCTEUR D'UN VEHICULE**
[72] NEWMAN, TIMOTHY, CA
[73] BRAKERS EARLY WARNING SYSTEMS INC., CA
[86] (2734436)
[87] (2734436)
[22] 2011-03-18
[30] US (61/282,939) 2010-04-27

[11] **2,734,670**
[13] C

[51] **Int.Cl. A22C 29/02 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLEANING PEELING MACHINES**
[54] **APPAREIL ET PROCEDE POUR NETTOYER DES EPLUCHEUSES**
[72] LEDET, BRENT A., US
[72] VEDSTED, SOREN CHRISTIAN, DK
[72] VEDSTED, LARS ERIK, DK
[73] LAITRAM, L.L.C., US
[85] 2011-02-17
[86] 2009-08-24 (PCT/US2009/054779)
[87] (WO2010/030498)
[30] US (12/207,575) 2008-09-10

[11] **2,735,551**
[13] C

[51] **Int.Cl. B23Q 7/04 (2006.01) G05B 19/4067 (2006.01)**
[25] EN
[54] **METHOD FOR ACTIVATING A WORKPIECE MANIPULATOR OF A MACHINE TOOL**
[54] **PROCEDE DE COMMANDE D'UN MANIPULATEUR DE PIECE D'UNE MACHINE-OUTIL**
[72] HAAS, ROLAND, AT
[72] DIRNBERGER, KLAUS, AT
[73] ANGER MACHINING GMBH, AT
[85] 2011-02-10
[86] 2009-08-07 (PCT/AT2009/000304)
[87] (WO2010/017569)
[30] AT (A 1271/2008) 2008-08-14

[11] **2,735,764**
[13] C

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4412 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **3-AZABICYCLO[3.1.0]HEXYL DERIVATIVES AS MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS**
[54] **DERIVES DE 3-AZABICYCLO[3.1.0]HEXYLE COMME MODULATEURS DES RECEPTEURS METABOTROPIQUES DU GLUTAMATE**
[72] CID-NUNEZ, JOSE MARIA, ES
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[73] ADDEX PHARMA S.A., CH
[73] JANSSEN PHARMACEUTICALS, INC., US
[85] 2011-03-01
[86] 2009-09-01 (PCT/EP2009/006326)
[87] (WO2010/025890)
[30] EP (08163517.9) 2008-09-02

[11] **2,736,261**
[13] C

[51] **Int.Cl. C07C 2/66 (2006.01) C07C 15/073 (2006.01)**
[25] EN
[54] **PROCESS FOR ETHYLBENZENE PRODUCTION**
[54] **PROCEDE DE PRODUCTION D'ETHYLBENZENE**
[72] BUTLER, JAMES R., US
[73] FINA TECHNOLOGY, INC., US
[85] 2011-03-04
[86] 2009-09-29 (PCT/US2009/058674)
[87] (WO2010/039661)
[30] US (61/101,610) 2008-09-30
[30] US (12/568,007) 2009-09-28

[11] **2,736,777**
[13] C

[51] **Int.Cl. B64D 27/14 (2006.01) B64D 27/20 (2006.01) B64D 27/26 (2006.01)**
[25] FR
[54] **REAR PART OF AN AIRCRAFT COMPRISING A STRUCTURE FOR SUPPORTING ENGINES, EXTENDING THROUGH THE FUSELAGE AND CONNECTED THERETO BY AT LEAST ONE CONNECTING ROD**
[54] **PARTIE ARRIERE D'AERONEF COMPRENANT UNE STRUCTURE DE SUPPORT DE MOTEURS RELIEE A CELUI-CI PAR AU MOINS UNE BIELLE**
[72] LAFONT, LAURENT, FR
[72] JOURNADE, FREDERIC, FR
[72] JALBERT, DELPHINE, FR
[72] BARDOU, ETIENNE, FR
[73] AIRBUS OPERATIONS (SOCIETE PAR ACTIONS SIMPLIFIEE), FR
[85] 2011-03-10
[86] 2009-09-16 (PCT/FR2009/051740)
[87] (WO2010/031959)
[30] FR (08 56299) 2008-09-18

[11] **2,736,803**
[13] C

[51] **Int.Cl. B64D 27/14 (2006.01) B64D 27/20 (2006.01) B64D 27/26 (2006.01)**
[25] FR
[54] **REAR PART OF AN AIRCRAFT COMPRISING A STRUCTURE FOR SUPPORTING ENGINES, CONNECTED TO THE FUSELAGE BY AT LEAST ONE BLOCKING ELEMENT UNDER COMPRESSION LOADING**
[54] **PARTIE ARRIERE D'AERONEF COMPRENANT UNE STRUCTURE DE SUPPORT DE MOTEURS RELIEE AU FUSELAGE PAR AU MOINS UN ELEMENT DE BLOCAGE SOLLICITE EN COMPRESSION**
[72] LAFONT, LAURENT, FR
[72] JOURNADE, FREDERIC, FR
[73] AIRBUS OPERATIONS, FR
[85] 2011-03-08
[86] 2009-09-16 (PCT/FR2009/051741)
[87] (WO2010/031960)
[30] FR (08 56300) 2008-09-18

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[13] C

[51] **Int.Cl. E21B 47/113 (2012.01) E21B 47/07 (2012.01) E21B 47/103 (2012.01) E21B 47/135 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MODELING FLUID FLOW PROFILES IN A WELLBORE**

[54] **SYSTEME ET PROCEDE PERMETTANT LA MODELISATION DE PROFILS D'ECOULEMENT DE FLUIDE DANS UN Puits DE FORAGE**

[72] WANG, XIAOWEI, US

[73] BAKER HUGHES INCORPORATED, US

[85] 2011-03-18

[86] 2009-09-21 (PCT/US2009/057644)

[87] (WO2010/036599)

[30] US (61/100,310) 2008-09-26

[30] US (12/512,115) 2009-07-30

[11] **2,738,900**
[13] C

[51] **Int.Cl. F16C 27/06 (2006.01) F16C 17/02 (2006.01) F16C 17/10 (2006.01) F16C 33/20 (2006.01)**

[25] EN

[54] **VIBRATION-DAMPING PLAIN BEARING COMPOSITE AND PLAIN BEARING BUSHING AND PLAIN BEARING ASSEMBLY**

[54] **MATERIAU COMPOSITE AMORTISSEUR DE VIBRATIONS POUR PALIER LISSE, COUSSINET DE PALIER LISSE ET ENSEMBLE AVEC PALIER LISSE**

[72] BURGETT, DOMINIQUE, BE

[72] HARTMANN, JUERGEN, DE

[72] HELDMANN, JOERG, DE

[73] SAINT-GOBAIN PERFORMANCE PLASTICS PAMPUS GMBH, DE

[85] 2011-03-29

[86] 2009-09-30 (PCT/IB2009/007004)

[87] (WO2010/038137)

[30] DE (102008049747.9) 2008-09-30

[11] **2,740,781**
[13] C

[51] **Int.Cl. G01S 5/22 (2006.01) H04B 11/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR AUTOMATIC DETERMINATION OF THE PHYSICAL LOCATION OF DATA CENTER EQUIPMENT**

[54] **SYSTEME ET PROCEDE D'IDENTIFICATION AUTOMATIQUE DE L'EMPLACEMENT PHYSIQUE D'UN EQUIPEMENT DANS UN CENTRE INFORMATIQUE**

[72] SOMASUNDARAM, SIVA, US

[72] MALIK, NAIM, US

[72] WANG, BRIAN, TW

[73] RARITAN AMERICAS, INC., US

[85] 2011-04-14

[86] 2009-10-20 (PCT/US2009/061354)

[87] (WO2010/048205)

[30] US (61/106,900) 2008-10-20

[11] **2,741,682**
[13] C

[51] **Int.Cl. E21B 49/06 (2006.01) E21B 25/00 (2006.01)**

[25] EN

[54] **INTELLIGENT CONTROLLED WELL LATERAL CORING**

[54] **CAROTTAGE LATERAL DE Puits A COMMANDE INTELLIGENTE**

[72] ORBAN, JACQUES, RU

[72] VERCAEMER, CLAUDE, FR

[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2011-04-26

[86] 2008-10-31 (PCT/RU2008/000678)

[87] (WO2010/050840)

[11] **2,742,577**
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 33/068 (2006.01) E21B 33/076 (2006.01) E21B 34/04 (2006.01) E21B 34/06 (2006.01) E21B 34/08 (2006.01)**

[25] EN

[54] **METHOD FOR MODIFYING AN EXISTING SUBSEA ARRANGED OIL PRODUCTION WELL, AND A THUS MODIFIED OIL PRODUCTION WELL**

[54] **PROCEDE DE MODIFICATION D'UN Puits DE PRODUCTION DE PETROLE SOUS-MARIN EXISTANT, ET Puits DE PRODUCTION DE PETROLE AINSI MODIFIE**

[72] VINGE, TORSTEIN, NO

[73] STATOIL PETROLEUM AS, NO

[85] 2011-05-03

[86] 2009-10-29 (PCT/NO2009/000379)

[87] (WO2010/062181)

[30] NO (20084628) 2008-11-03

[11] **2,742,694**
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/30 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODS FOR ONLINE AUTHENTICATION**

[54] **SYSTEME ET PROCEDES POUR UNE AUTHENTICATION EN LIGNE**

[72] RONDA, TROY JACOB, CA

[72] ROBERGE, PIERRE ANTOINE, CA

[72] ENGEL, PATRICK HANS, CA

[72] MCIVER, RENE, CA

[72] WOLFOND, GREGORY, CA

[72] BOYSEN, ANDRE MICHEL, CA

[73] SECUREKEY TECHNOLOGIES INC., CA

[85] 2011-05-04

[86] 2009-11-04 (PCT/CA2009/001594)

[87] (WO2010/063091)

[30] US (61/111,318) 2008-11-04

[30] US (61/150,851) 2009-02-09

[30] US (61/157,239) 2009-03-04

[30] US (61/159,434) 2009-03-11

[30] US (61/169,112) 2009-04-14

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[30] US (61/184,162) 2009-06-04

[30] US (61/186,185) 2009-06-11

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[13] C

[51] **Int.Cl. H04B 7/204 (2006.01) H01Q 3/26 (2006.01) H04B 7/06 (2006.01)**

[25] EN

[54] **ITERATIVE ANTENNA BEAM FORMING SYSTEMS/METHODS**

[54] **SYSTEMES/PROCEDES DE FORMATION ITERATIVE DE FAISCEAUX D'ANTENNE**

[72] ZHENG, DUNMIN, US

[73] ATC TECHNOLOGIES, LLC, US

[85] 2011-05-10

[86] 2009-10-28 (PCT/US2009/062349)

[87] (WO2010/056524)

[30] US (61/113,863) 2008-11-12

[11] **2,743,867**
[13] C

[51] **Int.Cl. H04N 21/44 (2011.01) H04N 21/436 (2011.01) H04N 21/4402 (2011.01) G06K 9/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR SEGMENTING AND TRANSMITTING ON-DEMAND LIVE-ACTION VIDEO IN REAL-TIME**

[54] **PROCEDE ET SYSTEME PERMETTANT DE SEGMENTER ET DE TRANSMETTRE EN TEMPS REEL UNE VIDEO EN DIRECT A LA DEMANDE**

[72] VUNIC, DOUGLAS W., US

[73] LIVECLIPS LLC, US

[85] 2011-05-16

[86] 2009-11-16 (PCT/US2009/064573)

[87] (WO2010/057085)

[30] US (12/272,170) 2008-11-17

[11] **2,744,459**
[13] C

[51] **Int.Cl. H04S 3/00 (2006.01) H04S 1/00 (2006.01) H04S 3/02 (2006.01)**

[25] EN

[54] **SURROUND SOUND VIRTUALIZER AND METHOD WITH DYNAMIC RANGE COMPRESSION**

[54] **VIRTUALISEUR DE SON SURROUND ET PROCEDE AVEC COMPRESSION DE PLAGE DYNAMIQUE**

[72] BROWN, CHARLES PHILLIP, US

[73] DOLBY LABORATORIES LICENSING CORPORATION, US

[85] 2011-05-20

[86] 2009-12-01 (PCT/US2009/066230)

[87] (WO2010/074893)

[30] US (61/122,647) 2008-12-15

[11] **2,747,036**
[13] C

[51] **Int.Cl. G06F 3/041 (2006.01) H03M 11/02 (2006.01)**

[25] EN

[54] **ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**

[54] **APPAREIL ELECTRONIQUE ET METHODE DE COMMANDE DUDIT APPAREIL**

[72] TONG, KUO-FENG, CA

[72] DIPPEL, JEFFERY JOHN PAUL, CA

[72] TIMMERMAN, KEVIN PAUL, CA

[73] BLACKBERRY LIMITED, CA

[86] (2747036)

[87] (2747036)

[22] 2011-07-21

[11] **2,748,855**
[13] C

[51] **Int.Cl. G09F 23/10 (2006.01) H04H 60/98 (2009.01) G06Q 30/02 (2012.01) A45C 11/00 (2006.01) B42D 15/00 (2006.01) H05K 5/02 (2006.01)**

[25] EN

[54] **USB DEVICE HOLDER AND PRINTED MEDIUM SUPPORT CONTAINING THE SAME**

[54] **SUPPORT DE DISPOSITIF USB ET SUPPORT DE MILIEU IMPRIME LE CONTENANT**

[72] ANDRE, OLIVIER, CN

[73] INTERMED ASIA LIMITED, CN

[85] 2011-06-30

[86] 2009-05-06 (PCT/IB2009/005504)

[87] (WO2010/076616)

[30] HK (09100025.0) 2009-01-02

[30] CN (200920003116.5) 2009-01-02

[11] **2,752,080**
[13] C

[51] **Int.Cl. H04N 19/40 (2014.01) H04W 4/18 (2009.01) H04N 21/2343 (2011.01) H04N 19/176 (2014.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR SELECTIVELY PERFORMING MULTIPLE VIDEO TRANSCODING OPERATIONS**

[54] **PROCEDE ET SYSTEME POUR L'EXECUTION SELECTIVE DE MULTIPLES OPERATIONS DE TRANSCODAGE VIDEO**

[72] LAYACHI, HICHAM, CA

[72] COULOMBE, STEPHANE, CA

[73] ECOLE DE TECHNOLOGIE SUPERIEURE, CA

[73] VANTRIX CORPORATION, CA

[86] (2752080)

[87] (2752080)

[22] 2011-09-12

[30] US (61/417,721) 2010-11-29

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[11] **2,752,093**
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[25] FR

[54] **DOOR WITH A BUILT-IN BURNER FOR A HEATING APPLIANCE**

[54] **PORTE A BRULEUR INTEGRE POUR APPAREIL DE CHAUFFAGE**

[72] LE MER, JOSEPH, FR

[73] GIANNONI FRANCE, FR

[85] 2011-08-09

[86] 2010-01-29 (PCT/EP2010/051126)

[87] (WO2010/100004)

[30] FR (0951422) 2009-03-06

[11] **2,753,027**
[13] C

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

[25] EN

[54] **ANNULOPLASTY RINGS AND METHODS FOR HEART VALVE REPAIR**

[54] **ANNEAUX D'ANNULOPLASTIE ET PROCEDES DE REPARATION DE VALVULE CARDIAQUE**

[72] MURALIDHAR PADALA, SAI, US

[72] YOGANATHAN, AJIT P., US

[72] THOURANI, VINOD H., US

[72] JIMENEZ, JORGE H., US

[73] GEORGIA TECH RESEARCH CORPORATION, US

[73] EMORY UNIVERSITY, US

[85] 2011-08-18

[86] 2009-04-07 (PCT/US2009/039777)

[87] (WO2009/126629)

[30] US (61/043,525) 2008-04-09

[11] **2,753,389**
[13] C

[51] **Int.Cl. G01V 9/00 (2006.01) E21B 47/26 (2012.01) E21B 49/08 (2006.01) G01N 9/32 (2006.01)**

[25] EN

[54] **A MICROFLUIDIC OSCILLATING TUBE DENSITOMETER FOR DOWNHOLE APPLICATIONS**

[54] **DENSITOMETRE MICROFLUIDIQUE A TUBE OSCILLANT POUR DES APPLICATIONS EN PROFONDEUR**

[72] HARRISON, CHRISTOPHER, US

[72] COLEOU, CHLOE, FR

[72] GRANT, BILL, US

[72] JUNDT, JACQUES, US

[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2011-08-23

[86] 2010-04-06 (PCT/US2010/030026)

[87] (WO2010/120593)

[30] US (61/169,485) 2009-04-15

[11] **2,753,793**
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[25] EN

[54] **VARIABLE GEOMETRY METER ROLLER**

[54] **ROULEAU DOSEUR A GEOMETRIE VARIABLE**

[72] KOWALCHUK, TREVOR LAWRENCE, CA

[72] TURNER, JACK DONALD, CA

[72] ENGH, GORDON ANTHONY, CA

[73] CNH INDUSTRIAL CANADA, LTD., CA

[86] (2753793)

[87] (2753793)

[22] 2011-09-29

[30] US (13/071,812) 2011-03-25

[11] **2,754,982**
[13] C

[51] **Int.Cl. A61K 41/00 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **COMPOSITION FOR PHOTODYNAMIC DISINFECTION**

[54] **COMPOSITION POUR DESINFECTION PHOTO-DYNAMIQUE**

[72] STREET, CALE, US

[72] PEDIGO, LISA, US

[72] LOEBEL, NICOLAS, US

[73] ONDINE INTERNATIONAL LTD., BB

[85] 2011-09-15

[86] 2009-10-21 (PCT/US2009/061442)

[87] (WO2010/107454)

[30] US (61/160,435) 2009-03-16

[11] **2,755,237**
[13] C

[51] **Int.Cl. A01K 3/00 (2006.01)**

[25] EN

[54] **OUTRIGGER**

[54] **SUPPORT EN PORTE-A-FAUX**

[72] DALRYMPLE, ROGER KENNETH ROY, NZ

[73] MANAWATU TRUSTEES LTD, NZ

[73] DALRYMPLE, SHARON LUCELLE, NZ

[73] DALRYMPLE, ROGER KENNETH ROY, NZ

[85] 2011-09-09

[86] 2009-03-26 (PCT/NZ2009/000042)

[87] (WO2009/120098)

[30] NZ (566998) 2008-03-27

[11] **2,755,746**
[13] C

[51] **Int.Cl. C10L 1/30 (2006.01) C10L 1/18 (2006.01) C10L 1/22 (2006.01) C10L 10/00 (2006.01)**

[25] EN

[54] **QUATERNARY AMMONIUM-BASED MERCAPTAN SCANVENGER COMPOSITION**

[54] **COMPOSITION DE PIEGEAGE DE MERCAPTAN A BASE D'AMMONIUM QUATERNAIRE**

[72] O'BRIEN, TIMOTHY J., US

[72] WEERS, JERRY J., US

[73] BAKER HUGHES INCORPORATED, US

[86] (2755746)

[87] (2755746)

[22] 2011-10-24

[30] US (12/951,849) 2010-11-22

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[11] **2,756,163**
[13] C

[51] **Int.Cl. E21B 47/02 (2006.01) G01V 3/28 (2006.01)**
[25] EN
[54] **NON-PLANAR ANTENNAE FOR DIRECTIONAL RESISTIVITY LOGGING**
[54] **ANTENNES NON PLANAIRES POUR DIAGRAPHIE DE RESISTIVITE DIRECTIONNELLE**
[72] WANG, TSILI, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2011-09-21
[86] 2010-03-24 (PCT/US2010/028443)
[87] (WO2010/111352)
[30] US (12/409,655) 2009-03-24

[11] **2,756,332**
[13] C

[51] **Int.Cl. A41B 13/08 (2006.01) A41B 13/00 (2006.01)**
[25] EN
[54] **INFANT BODYSUIT**
[54] **MAILLOT POUR NOURRISSON**
[72] OTT, LORI SUE, US
[72] HUH, NINA SEENAE, US
[73] DISNEY ENTERPRISES, INC., US
[86] (2756332)
[87] (2756332)
[22] 2011-10-26
[30] US (61/407,555) 2010-10-28
[30] US (13/223,062) 2011-08-31

[11] **2,756,827**
[13] C

[51] **Int.Cl. F02B 63/04 (2006.01) F02B 63/06 (2006.01) F02D 29/04 (2006.01) F02D 29/06 (2006.01)**
[25] EN
[54] **POWER GENERATOR SYSTEM**
[54] **SYSTEME DE GENERATEUR D'ENERGIE ELECTRIQUE**
[72] OLSEN, ODD A., NO
[72] SKAAR, ERLING A., US
[73] GEN-TECH LLC, US
[85] 2011-09-27
[86] 2010-04-21 (PCT/US2010/031927)
[87] (WO2010/124012)
[30] US (61/171,407) 2009-04-21

[11] **2,756,992**
[13] C

[51] **Int.Cl. H01H 13/705 (2006.01) H01H 13/715 (2006.01) H01H 13/84 (2006.01)**
[25] EN
[54] **KEYBOARD**
[54] **CLAVIER**
[72] CHEN, CHAO, CA
[73] BLACKBERRY LIMITED, CA
[86] (2756992)
[87] (2756992)
[22] 2011-11-03
[30] US (12/943,667) 2010-11-10

[11] **2,757,790**
[13] C

[51] **Int.Cl. H02J 3/06 (2006.01)**
[25] EN
[54] **DISCONNECT SWITCH FOR DISTRIBUTED ENERGY SYSTEM**
[54] **INTERRUPTEUR DE DEBRANCHEMENT POUR UN SYSTEME D'ENERGIE DISTRIBUEE**
[72] PFITZER, HANS-ERIK, US
[72] OUDRHIRI, ADIL, US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[86] (2757790)
[87] (2757790)
[22] 2011-11-10
[30] US (13/276,406) 2011-10-19

[11] **2,758,998**
[13] C

[51] **Int.Cl. C09D 175/16 (2006.01) C03C 25/10 (2006.01) C08G 18/67 (2006.01)**
[25] EN
[54] **OPTICAL FIBER WITH SINGLE COATING**
[54] **FIBRE OPTIQUE DOTEE D'UN SEUL REVETEMENT**
[72] TERRUZZI, LIDIA, IT
[72] VAN EEKELLEN, JOHANNES ADRIANUS, NL
[72] FOGLIANI, SABRINA, IT
[73] PRYSMIAN S.P.A., IT
[85] 2011-10-17
[86] 2009-04-23 (PCT/EP2009/054905)
[87] (WO2010/121659)

[11] **2,759,205**
[13] C

[51] **Int.Cl. B23Q 11/10 (2006.01) B23Q 3/12 (2006.01) B23Q 11/00 (2006.01)**
[25] EN
[54] **DEVICE FOR AXIAL DELIVERY OF CRYOGENIC FLUIDS THROUGH A MACHINE SPINDLE**
[54] **DISPOSITIF POUR DISTRIBUTION AXIALE DE FLUIDES CRYOGENIQUES A TRAVERS UNE BROCHE DE MACHINE**
[72] ROZZI, JAY CHRISTOPHER, US
[72] SANDERS, JOHN KENDALL, US
[72] PASSOW, CHRISTIAN HENRY, US
[72] DAY, MICHAEL PHILLIP, US
[72] FISHER, WILLIAM MORGAN, US
[73] 5ME LLC, US
[85] 2011-10-18
[86] 2010-04-22 (PCT/US2010/031980)
[87] (WO2010/124045)
[30] US (12/428,218) 2009-04-22

[11] **2,760,103**
[13] C

[51] **Int.Cl. H04W 4/24 (2009.01)**
[25] EN
[54] **CONTROLLING A SHARED SERVICE**
[54] **COMMANDE D'UN SERVICE PARTAGE**
[72] FRANKEL, BRUCE, US
[72] AUSLANDER, LIOR, US
[72] TRIVEDI, PANKAJ, US
[72] POLICAR, DAVID, US
[73] AMDOCS DEVELOPMENT LTD., CY
[85] 2011-10-26
[86] 2009-04-30 (PCT/US2009/002650)
[87] (WO2010/126466)

[11] **2,760,335**
[13] C

[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL SUTURE APPARATUS HAVING SEWING FUNCTION**
[54] **APPAREIL DE SUTURE CHIRURGICALE DOTE D'UNE FONCTION DE COUTURE**
[72] YOON, SANG JIN, KR
[73] RIMSCIENCE CO., LTD., KR
[85] 2011-10-27
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[87] (WO2010/126197)
[30] KR (10-2009-0037128) 2009-04-28

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[11] **2,762,016**
[13] C

- [51] **Int.Cl. C12P 21/02 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C07K 16/00 (2006.01) C12N 15/85 (2006.01) C12P 21/08 (2006.01)**
- [25] EN
- [54] **METHODS FOR INCREASING POLYPEPTIDE PRODUCTION**
- [54] **PROCEDES D'AUGMENTATION DE LA PRODUCTION DE POLYPEPTIDES**
- [72] VAN NESS, KIRK P., US
- [72] TRENTALANGE, MICHAEL T., US
- [72] DELL, BRADLEY D., US
- [72] MCGREW, JEFFREY T., US
- [73] IMMUNEX CORPORATION, US
- [86] (2762016)
- [87] (2762016)
- [22] 2003-03-27
- [62] 2,480,121
- [30] US (60/368,246) 2002-03-27
- [30] US (60/368,248) 2002-03-27

[11] **2,762,492**
[13] C

- [51] **Int.Cl. G01C 15/04 (2006.01) G01V 3/08 (2006.01) G01V 3/12 (2006.01) G01V 15/00 (2006.01)**
- [25] EN
- [54] **SYSTEM, METHOD AND MONUMENT FOR LAND SURVEYING**
- [54] **SYSTEME, PROCEDE ET BORNE POUR ARPENTAGE**
- [72] RUSHING, WILLIAM C., US
- [73] BERNTSEN INTERNATIONAL, INC., US
- [85] 2011-11-17
- [86] 2010-05-21 (PCT/US2010/035768)
- [87] (WO2010/135641)
- [30] US (61/180,562) 2009-05-22
- [30] US (61/224,297) 2009-07-09

[11] **2,763,205**
[13] C

- [51] **Int.Cl. B61K 3/00 (2006.01) B61K 13/00 (2006.01) E01B 9/60 (2006.01) E01B 19/00 (2006.01)**
- [25] EN
- [54] **TOP OF RAIL FOAM BAR**
- [54] **BARRE DE MOUSSE POUR PARTIE SUPERIEURE D'UN RAIL**
- [72] SINGLETON, STEVEN D., US
- [72] URMSON, W. THOMAS, JR., US
- [72] REDFIELD, MATTHEW P., US
- [72] LUCKE, CHRISTOPHER ALAN, US
- [73] L.B. FOSTER RAIL TECHNOLOGIES, INC., US
- [85] 2011-11-23
- [86] 2010-05-28 (PCT/US2010/036582)
- [87] (WO2010/138819)
- [30] US (61/182,217) 2009-05-29
- [30] US (12/788,971) 2010-05-27

[11] **2,766,201**
[13] C

- [51] **Int.Cl. F04D 27/02 (2006.01) F01D 17/16 (2006.01) F01D 17/24 (2006.01) F02C 9/22 (2006.01) F04D 29/32 (2006.01) F04D 29/56 (2006.01) F16C 7/06 (2006.01)**
- [25] FR
- [54] **DEVICE AND METHOD FOR POSITIONING VARIABLE-GEOMETRY EQUIPMENT FOR A TURBOMACHINE, USING A RELATIVE-MEASUREMENT JACK**
- [54] **DISPOSITIF ET METHODE DE POSITIONNEMENT D'UN EQUIPEMENT A GEOMETRIE VARIABLE POUR UNE TURBOMACHINE, UTILISANT UN VERIN A MESURE RELATIVE**
- [72] GAULLY, BRUNO ROBERT, FR
- [72] ROBERT, JEAN-ALBERT PAUL MARC, FR
- [73] SNECMA, FR
- [85] 2011-12-20
- [86] 2010-06-23 (PCT/EP2010/058953)
- [87] (WO2010/149724)
- [30] FR (0954376) 2009-06-26

[11] **2,767,166**
[13] C

- [51] **Int.Cl. H01H 13/52 (2006.01) H01H 17/20 (2006.01) H04W 88/02 (2009.01)**
- [25] FR
- [54] **WIRELESS SWITCHING DEVICE**
- [54] **DISPOSITIF DE COMMUTATION SANS-FIL**
- [72] GUILLOT, ALAIN, FR
- [72] BENNI, DOMINIQUE, FR
- [72] CHAUVET, FRANCIS, FR
- [72] THIZON, PATRICE, FR
- [73] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
- [86] (2767166)
- [87] (2767166)
- [22] 2012-02-01
- [30] FR (11 50 984) 2011-02-08

[11] **2,767,975**
[13] C

- [51] **Int.Cl. H04B 10/079 (2013.01) H04B 10/2507 (2013.01) H04L 27/38 (2006.01)**
- [25] EN
- [54] **SKEW ESTIMATOR, SKEW COMPENSATOR AND COHERENT RECEIVER**
- [54] **DISPOSITIF D'ESTIMATION DE COEFFICIENT D'ASYMETRIE, DISPOSITIF DE COMPENSATEUR D'ASYMETRIE ET RECEPTEUR COHERENT**
- [72] STOJANOVIC, NEBOJSA, CN
- [73] HUAWEI TECHNOLOGIES CO., LTD., CN
- [85] 2012-02-16
- [86] 2011-02-17 (PCT/CN2011/071052)
- [87] (WO2012/109793)

[11] **2,769,389**
[13] C

- [51] **Int.Cl. G06F 21/62 (2013.01)**
- [25] EN
- [54] **PASSWORD-BASED OPERATION OF A LOCKED COMPUTING DEVICE**
- [54] **EXPLOITATION D'UN DISPOSITIF INFORMATIQUE VERROUILLE BASEE SUR UN MOT DE PASSE**
- [72] KING, BENJAMIN J., US
- [73] BLACKBERRY LIMITED, CA
- [86] (2769389)
- [87] (2769389)
- [22] 2012-02-24
- [30] EP (11156694.9) 2011-03-02

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[13] C

[51] **Int.Cl. E04B 1/38 (2006.01) E04C 5/18 (2006.01) F16B 1/00 (2006.01) F16B 9/00 (2006.01)**

[25] EN

[54] **STRUCTURAL SUPPORT DEVICE WITH WEB BRACE**

[54] **DISPOSITIF DE SUPPORT STRUCTUREL A RENFORT RETICULE**

[72] BREKKE, STEVE, US

[73] MITEK HOLDINGS, INC., US

[86] (2769437)

[87] (2769437)

[22] 2012-02-27

[30] US (13/037,748) 2011-03-01

[11] **2,769,657**
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) C07H 21/00 (2006.01)**

[25] EN

[54] **POLYNUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF CHLAMYDIA TRACHOMATIS AND NEISSERIA GONORRHOEAE**

[54] **POLYNUCLEOTIDES DESTINES A L'AMPLIFICATION ET A LA DETECTION DE CHLAMYDIA TRACHOMATIS ET DE NEISSERIA GONORRHOEAE**

[72] PABICH, EDWARD K., US

[72] MARSHALL, RONALD L., US

[72] YU, HONG, US

[73] ABBOTT MOLECULAR INC., US

[86] (2769657)

[87] (2769657)

[22] 2003-11-07

[62] 2,505,698

[30] US (10/292,420) 2002-11-12

[11] **2,770,778**
[13] C

[51] **Int.Cl. A61K 31/4704 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING RHEUMATOID ARTHRITIS CONTAINING REBAMIPIDE**

[54] **COMPOSITION PHARMACEUTIQUE PERMETTANT DE PREVENIR OU DE TRAITER L'ARTHRITE RHUMATOIDE, CONTENANT DU REBAMIPIDE**

[72] MIN, JUN-KI, KR

[72] CHO, MI-LA, KR

[72] WOO, YUN-JU, KR

[72] OH, HYE-JWA, KR

[72] JHUN, JOO-YEON, KR

[72] LEE, GEUN-HYEOG, KR

[72] PARK, SE-WAN, KR

[72] PARK, JIN-HA, KR

[72] KWAK, EUN-YOUNG, KR

[73] CATHOLIC UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION, KR

[73] HANLIM PHARMACEUTICAL CO., LTD., KR

[85] 2012-02-10

[86] 2009-10-08 (PCT/KR2009/005753)

[87] (WO2011/025086)

[30] KR (10-2009-0078547) 2009-08-25

[11] **2,770,788**
[13] C

[51] **Int.Cl. H01S 3/10 (2006.01) G02B 7/04 (2006.01) H04B 11/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING LASER TRANSMISSIONS FOR ENHANCED SAFETY**

[54] **PROCEDE ET APPAREIL DE REGULATION DES EMISSIONS LASER CONCU POUR AMELIORER LA SECURITE**

[72] LAVALLEY, HOWARD N., US

[72] CHYBA, THOMAS H., US

[73] EXELIS INC., US

[86] (2770788)

[87] (2770788)

[22] 2012-03-09

[30] US (13/053,664) 2011-03-22

[11] **2,771,501**
[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) G06Q 10/10 (2012.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR IDENTIFYING A CONFERENCE CALL FROM AN EVENT RECORD**

[54] **PROCEDE ET APPAREIL SERVANT A IDENTIFIER UNE TELECONFERENCE A PARTIR D'UN ENREGISTREMENT D'EVENEMENT**

[72] GOGUEN, JOSEPH PATRICK THOMAS, US

[72] PUNJABI, MANISH SUNDER, US

[72] BERGMANN, CARSTEN MICHAEL, US

[72] SINGH, HARMEET, US

[72] LUCEY, CHRISTINA EVELYN, US

[72] REYES, ERIC MARBIBI, US

[73] BLACKBERRY LIMITED, CA

[86] (2771501)

[87] (2771501)

[22] 2012-03-16

[30] US (61/454,312) 2011-03-18

[11] **2,771,503**
[13] C

[51] **Int.Cl. H04M 3/56 (2006.01) H04W 4/16 (2009.01) G06Q 10/10 (2012.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR JOIN SELECTION OF A CONFERENCE CALL**

[54] **PROCEDE ET APPAREIL POUR OPTER DE SE JOINDRE A UNE TELECONFERENCE**

[72] GOGUEN, JOSEPH PATRICK THOMAS, US

[72] PUNJABI, MANISH SUNDAR, US

[72] BERGMANN, CARSTEN MICHAEL, US

[72] SINGH, HARMEET, US

[72] LUCEY, CHRISTINA EVELYN, US

[72] REYES, ERIC MARBIBI, US

[72] SEKIYA, YOSHIMICHI BRIAN, US

[73] BLACKBERRY LIMITED, CA

[86] (2771503)

[87] (2771503)

[22] 2012-03-16

[30] US (61/454,318) 2011-03-18

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[13] C

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[25] EN
[54] **HYDROCARBON GAS PROCESSING**
[54] **TRAITEMENT D'HYDROCARBURE GAZEUX**
[72] MARTINEZ, TONY L., US
[72] WILKINSON, JOHN D., US
[72] LYNCH, JOE T., US
[72] HUDSON, HANK M., US
[72] CUELLAR, KYLE T., US
[73] ORTLOFF ENGINEERS, LTD., US
[85] 2012-03-05
[86] 2010-08-27 (PCT/US2010/046967)
[87] (WO2011/049672)
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[54] **METHOD FOR CONTROLLING SESSION AND SERVER USING THE SAME**
[54] **PROCEDE DE COMMANDE DE SESSION ET SERVEUR UTILISANT CELUI-CI**
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[72] KIM, TAEHYEON, KR
[72] KIM, HYUNSOOK, KR
[73] LG ELECTRONICS INC., KR
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[13] C

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[25] EN
[54] **DEVICE AND METHOD TO MEASURE BULK UNCONFINED YIELD STRENGTH OF POWDERS USING MINIMAL MATERIAL**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE LA LIMITE D'ELASTICITE CONVENTIONNELLE DE POUDRES LIBRES EN VRAC, AVEC UNE QUANTITE MINIMALE DE MATIERE**
[72] JOHANSON, KERRY, US
[73] JOHANSON HOLDINGS, LLC, US
[85] 2012-02-17
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[54] **ACCESS CONTROL AT A MEDIA SERVER**
[54] **CONTROLE D'ACCES A UN SERVEUR MEDIA**
[72] BOECKNER, BARTHOLOMEW ALEXANDER, CA
[72] ROSS, DOUGLAS EUGENE, US
[72] FRANCISCO, JOAO PAULO NEVES, CA
[73] RESEARCH IN MOTION LIMITED, CA
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[87] (2774727)
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[54] **SYRINGE STERILIZATION CAP**
[54] **CAPUCHON DE STERILISATION DE SERINGUE**
[72] HADDEN, GORDON, US
[73] HADDEN, GORDON, US
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[54] **SYSTEME DE TRANSFERT ENTRE RECIPIENTS**
[72] REYNOLD, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[73] DUOJECT MEDICAL SYSTEMS INC., CA
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[54] **DETERMINING ESTABLISHMENT CAUSES FOR EMERGENCY SESSIONS**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE CAUSES D'ETABLISSEMENT DE SESSIONS D'URGENCE**
[72] CHIN, CHEN-HO, BE
[72] BURBIDGE, RICHARD C., GB
[73] BLACKBERRY LIMITED, CA
[85] 2012-03-30
[86] 2010-10-01 (PCT/IB2010/002607)
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[25] EN
[54] **FLUIDIC IMPULSE GENERATOR**
[54] **GENERATEUR D'IMPULSION FLUIDIQUE**
[72] STANDEN, ROBERT, CA
[72] BRUNSKILL, DOUGLAS JAMES, CA
[73] BAKER HUGHES INCORPORATED, US
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[54] **HYDROGENATED RUBBER WITH IMPROVED HIGH-TEMPERATURE PROPERTIES**
[54] **DEGRE DE CAOUTCHOUC HYDROGENE POUR L'AMELIORATION DE PROPRIETES A HAUTE TEMPERATURE**
[72] FRAGA TRILLO, LUISA MA, ES
[72] ALONSO GUERRERO, ENRIQUE, ES
[73] DYNASOL ELASTOMEROS, S. A., ES
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[54] **PRODUITS A BASE DE TISSU ENDUIT**
[72] BARTH, MARITA, DE
[72] BLACKWOOD, WILLIAM, US
[72] CLERICI, VITTORIO, DE
[72] MOUNTNEY, ANDREW WILLIAM, GB
[73] DOW CORNING CORPORATION, US
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[25] EN
[54] **COMPOSITIONS COMPRISING PALONOSETRON AND NETUPITANT FOR TREATING NAUSEA AND VOMITING**
[54] **COMPOSITIONS RENFERMANT DU PALONOSETRON ET DU NETUPITANT POUR LE TRAITEMENT DE LA NAUSEE ET DES VOMISSEMENTS**
[72] TRENTO, FABIO, IT
[72] CANTOREGGI, SERGIO, CH
[72] ROSSI, GIORGIA, IT
[72] CANNELLA, ROBERTA, IT
[72] BONADEO, DANIELE, IT
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[73] HELSINN HEALTHCARE SA, CH
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[25] EN
[54] **ANALYTE QUANTIFICATION MULTIPLEX MICROARRAYS COMBINING INTERNAL AND EXTERNAL CALIBRATION**
[54] **MICRORESEAUX MULTIPLEX DE QUANTIFICATION D'ANALYTES COMBINANT UN ETALONNAGE INTERNE ET EXTERNE**
[72] LEA, PETER, CA
[72] HANSEN, JENNIFER, CA
[72] SMITH, KATE, CA
[73] SQI DIAGNOSTICS SYSTEMS INC., CA
[85] 2012-04-30
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[54] **TUBE POUR CULTIVER DES PLANTES QUI EMPECHE LA TORSION DES RACINES**
[72] ROENNEKE, PETER, SE
[73] ROENNEKE, PETER, SE
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[25] EN
[54] **RETROFIT-STYLE LAMP AND FIXTURE, EACH INCLUDING A ONE-DIMENSIONAL LINEAR BATWING LENS**
[54] **LAMPE ET INSTALLATION RETROCOMPATIBLES, COMPRENANT CHACUNE UNE LENTILLE EN EVENTAIL LINEAIRE A UNE DIMENSION**
[72] YANG, YI, US
[72] HARRIOTT, DOUGLAS, US
[72] LI, LI, US
[72] LI, MING, US
[73] OSRAM SYLVANIA INC., US
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[54] **JOUET DE DESSIN AVEC DETECTION DE STYLET**
[72] TSUI, ANTHONY M.F., CN
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[25] EN
[54] **IMPLANTABLE DEVICE WITH INTRAVESICAL TOLERABILITY AND METHODS OF TREATMENT**
[54] **DISPOSITIF IMPLANTABLE DOTE D'UNE TOLERANCE INTRAVESICALE ET PROCEDES DE TRAITEMENT**
[72] CIMA, MICHAEL J., US
[72] LEE, HEEJIN, US
[73] TARIS BIOMEDICAL LLC, US
[85] 2012-06-14
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[13] C

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[25] EN
[54] **DEVICE AND METHOD FOR CLEANING CONVEYING SURFACE**
[54] **DISPOSITIF ET PROCEDE POUR LE NETTOYAGE DE SURFACE DE TRANSPORT**
[72] HIROOKA, YUICHI, JP
[73] YOSHINO GYPSUM CO., LTD., JP
[85] 2012-06-15
[86] 2010-11-07 (PCT/JP2010/069759)
[87] (WO2011/074347)
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[13] C

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[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] HARDEN, DANIEL, US
[72] TURGEL, ARIEL, US
[72] BENAVIDEZ, DAVID, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[13] C

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[25] EN
[54] **LINEAR STOPPER**
[54] **BOUCHON LINEAIRE**
[72] WAKO, SHIGERU, JP
[72] KOMIYA, YOSHIKAZU, JP
[73] TALK SYSTEM CO., LTD., JP
[85] 2012-06-26
[86] 2010-12-28 (PCT/JP2010/073800)
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[30] JP (2009-298909) 2009-12-28
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[25] EN
[54] **PREPARATION OF MICROBIAL POLYUNSATURATED FATTY ACID CONTAINING OIL FROM PASTEURISED BIOMASS**
[54] **PREPARATION D'ACIDE GRAS POLYINSATURE MICROBIEN A PARTIR D'HUILE CONTENANT UNE BIOMASSE PASTEURISEE**
[72] BIJL, HENDRIK LOUIS, NL
[72] WOLF, JOHANNES HENDRIK, NL
[72] SCHAAP, ALBERT, NL
[72] VISSER, JOHANNES MARTINUS JACOBUS, NL
[73] DSM IP ASSETS B.V., NL
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[13] C

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[25] EN
[54] **DERMAL ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES DERMIQUE**
[72] VOSSELER, MICHAEL, DE
[72] HILTMANN, KAI, DE
[72] JUGL, MICHAEL, DE
[73] HAHN-SCHICKARD-GESELLSCHAFT FUER ANGEWANDTE FORSCHUNG E.V., DE
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[54] **DISPLAY PACKAGE FOR STEERING WHEEL LOCK**
[54] **EMBALLAGE DE PRESENTATION POUR DISPOSITIF DE VERROUILLAGE DE LA DIRECTION**
[72] TRONTEL, GERALD J., US
[72] BRANDT, ALAN P., US
[73] TRONTEL, GERALD J., US
[73] BRANDT, ALAN P., US
[86] (2789542)
[87] (2789542)
[22] 2012-09-10
[30] US (61/533,249) 2011-09-11
[30] US (13/608,258) 2012-09-10

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[13] C

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[25] EN
[54] **SYSTEM FOR DISTRIBUTING VIDEO CONFERENCE RESOURCES AMONG CONNECTED PARTIES AND METHODS THEREOF**
[54] **SYSTEME DE DISTRIBUTION DE RESSOURCE DE VIDEOCONFERENCE AUX PARTIES CONNCTEES ET SES METHODES**
[72] HILLIER, PETER MATTHEW, CA
[72] ARRUDA, PATRICE, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2789743)
[87] (2789743)
[22] 2012-09-18
[30] US (13/317088) 2011-10-08

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[13] C

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[25] EN
[54] **MASS SPECTROMETERS AND METHODS OF ION SEPARATION AND DETECTION**
[54] **SPECTROMETRES DE MASSE ET PROCEDES DE SEPARATION ET DE DETECTION D'IONS**
[72] WEBB, BRIAN CHRISTOPHER, GB
[73] ILIKA TECHNOLOGIES LIMITED, GB
[85] 2012-08-20
[86] 2010-11-10 (PCT/GB2010/002063)
[87] (WO2011/101607)
[30] GB (1002967.6) 2010-02-22

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[13] C

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[25] EN
[54] **SYSTEM FOR SKIN TREATMENT ANALYSIS USING SPECTRAL IMAGE DATA TO GENERATE 3D RGB MODEL**
[54] **SYSTEME D'ANALYSE DE TRAITEMENT DE LA PEAU UTILISANT DES DONNEES D'IMAGES SPECTRALES AFIN DE GENERER UN MODELE RGB 3D**
[72] CUMMINS, PHILLIP, US
[72] VANDEROVER, GARRETT WILLIAM, US
[72] FTHENAKIS, CHRISTINA G., US
[72] JORGENSEN, LISE W., US
[73] ELC MANAGEMENT LLC, US
[85] 2012-08-24
[86] 2011-03-03 (PCT/US2011/027057)
[87] (WO2011/112422)
[30] US (61/312,559) 2010-03-10

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[13] C

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[25] EN
[54] **SELECTIVE DELIVERY OF SOCIAL NETWORK MESSAGES WITHIN A SOCIAL NETWORK**
[54] **DISTRIBUTION SELECTIVE DE MESSAGES DE RESEAU SOCIAL DANS UN RESEAU SOCIAL**
[72] HILL, THOMAS CASEY, US
[72] DELUCA, MICHAEL JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[86] (2791530)
[87] (2791530)
[22] 2012-10-04
[30] EP (11184045.0) 2011-10-05

[11] **2,791,980**
[13] C

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[25] EN
[54] **WIRELESS CHARGING AND COMMUNICATION WITH POWER SOURCE DEVICES AND POWER CHARGE DEVICES IN A COMMUNICATION SYSTEM**
[54] **RECHARGE SANS FIL ET COMMUNICATION AVEC LES DISPOSITIFS DE SOURCE D'ALIMENTATION ET DISPOSITIF DE RECHARGE DANS UN SYSTEME DE COMMUNICATION**
[72] EATON, ERIC THOMAS, US
[73] BLACKBERRY LIMITED, CA
[86] (2791980)
[87] (2791980)
[22] 2012-10-05
[30] EP (11184012.0) 2011-10-05

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[25] EN

[54] **A METHOD FOR MONITORING THE QUALITY OF INDUSTRIAL PROCESSES AND SYSTEM THEREFROM**

[54] **UNE METHODE DE SURVEILLANCE DE LA QUALITE DES PROCEDES INDUSTRIELS ET UN SYSTEME CONNEXE**

[72] D'ANGELO, GIUSEPPE, IT
[72] PASQUETTAZ, GIORGIO, IT
[73] C.R.F. SOCIETA CONSORTILE PER AZIONI, IT

[86] (2792209)
[87] (2792209)
[22] 2012-10-12
[30] EP (12154007.4) 2012-02-06

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[13] C

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[25] EN

[54] **ROBUST LIGHTWEIGHT ELECTRONIC RACK ENCLOSURE**

[54] **ENCEINTE LEGERE ET ROBUSTE POUR BATI ELECTRONIQUE**

[72] FITZGERALD, LYNDAL W., US
[72] ALLRED, JIMMIE B., III, US
[73] FRONTIER ELECTRONIC SYSTEMS CORP., US
[73] ALLRED & ASSOCIATES, INC., US

[85] 2012-09-05
[86] 2011-04-30 (PCT/US2011/034707)
[87] (WO2011/137415)
[30] US (61/330,044) 2010-04-30
[30] US (13/098,449) 2011-04-30

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[13] C

[51] **Int.Cl. A22C 17/00 (2006.01) A22C 21/00 (2006.01)**

[25] EN

[54] **METHOD FOR PROCESSING A PART OF A SLAUGHTERED ANIMAL AND DEVICE FOR APPLYING SUCH A METHOD**

[54] **METHODE DE TRAITEMENT D'UNE PIECE D'UN ANIMAL ABATTU ET DISPOSITIF SERVANT A APPLIQUER UNE TELLE METHODE**

[72] SCHOT, ADRIANUS JOHANNES GERARDUS, NL
[73] FPM INTERNATIONAL, NAAMLOZE VENNOOTSCHAP, BE

[85] 2012-09-06
[86] 2010-03-16 (PCT/BE2010/000020)
[87] (WO2011/113116)

[11] **2,793,028**
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 8/20 (2009.01) H04W 12/04 (2009.01)**

[25] EN

[54] **WIRELESS NETWORK AUTHENTICATION APPARATUS AND METHODS**

[54] **APPAREIL ET PROCEDES D'AUTHENTIFICATION EN RESEAU SANS FIL**

[72] SCHELL, STEPHAN V., US
[72] NARANG, MOHIT, US
[72] CABALLERO, RUBEN, US
[73] APPLE INC., US

[85] 2012-09-12
[86] 2011-04-27 (PCT/US2011/034199)
[87] (WO2011/139795)
[30] US (61/330,856) 2010-05-03
[30] US (12/952,082) 2010-11-22

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[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 24/10 (2009.01) H04W 28/06 (2009.01)**

[25] EN

[54] **MOBILE COMMUNICATION SYSTEM, BASE STATION APPARATUS, MOBILE STATION APPARATUS, AND COMMUNICATION METHOD**

[54] **SYSTEME DE COMMUNICATION MOBILE, DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION MOBILE ET PROCEDE DE COMMUNICATION**

[72] AIBA, TATSUSHI, JP
[72] SUZUKI, SHOICHI, JP
[72] NOGAMI, TOSHIZO, JP
[73] SHARP KABUSHIKI KAISHA, JP

[85] 2012-09-13
[86] 2011-03-17 (PCT/JP2011/056357)
[87] (WO2011/115199)
[30] JP (2010-064169) 2010-03-19

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[13] C

[51] **Int.Cl. C07D 401/04 (2006.01)**

[25] EN

[54] **ANHYDROUS LENALIDOMIDE FORM-I**

[54] **FORME I DE LENALIDOMIDE ANHYDRE**

[72] KONAKANCHI, DURGA PRASAD, IN
[72] GONGALLA, BUCHAPPA, IN
[72] SIKHA, KOTAYYA BABU, IN
[72] KANDASWAMY, CHANDRASEKAR, IN
[72] ADIBHATLA, KALI SATYA BHUJANGA RAO, IN
[72] NANNAPANENI, VENKAIHA CHOWDARY, IN
[73] NATCO PHARMA LIMITED, IN

[85] 2012-08-30
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[54] **METHOD AND APPARATUS FOR CONSTRUCTING VERY HIGH THROUGHPUT LONG TRAINING FIELD SEQUENCES**
[54] **PROCEDE ET APPAREIL POUR CONSTRUIRE DE LONGUES SEQUENCES DE CHAMPS D'APPRENTISSAGE LONGS A TRES HAUT DEBIT**
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[72] VAN NEE, DIDIER JOHANNES RICHARD, US
[72] SAMPATH, HEMANTH, US
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[30] US (13/037,915) 2011-03-01

[11] **2,795,505**
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[54] **APPARATUS AND METHOD FOR SEPARATING SOLIDS FROM A SOLIDS LADEN DRILLING FLUID**
[54] **APPAREIL ET PROCEDE POUR SEPARER DES SOLIDES D'UN FLUIDE DE FORAGE CHARGE DE SOLIDES**
[72] BURNETT, GEORGE ALEXANDER, GB
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **WIND POWER PLANT WITH MODULAR TOWER SYSTEM**
[54] **EOLIENNE COMPORTANT UN SYSTEME DE TOUR MODULAIRE**
[72] SAMUELSEN, OLAF, DE
[73] SENVION SE, DE
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[87] (WO2011/141270)
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[51] **Int.Cl. G07B 17/00 (2006.01) B65G 15/42 (2006.01)**
[25] EN
[54] **PRESSURE DEVICE WITH RESILIENT ELEMENTS**
[54] **DISPOSITIF A PRESSION DOTE D'ELEMENTS RESILIANTS**
[72] ORTMANN, AXEL, DE
[72] MUHL, WOLFGANG, DE
[72] WOELM, DIETER, DE
[72] HANTEL, ULRICH, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
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[54] **UNIVERSALLY ADJUSTABLE STAR WHEEL**
[54] **ROUE EN ETOILE UNIVERSELLEMENT REGLABLE**
[72] PAPSDORF, CLIFFORD THEODORE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **FORMULATIONS AND METHODS FOR REMOVING HYDROCARBONS FROM SURFACES**
[54] **FORMULATIONS ET PROCEDES D'ELIMINATION D'HYDROCARBURES A PARTIR DE SURFACES**
[72] SOANE, DAVID S., US
[72] PORTILLA, ROSA CASADO, US
[72] MAHONEY, ROBERT P., US
[72] JOGIKALMATH, GANGADHAR, US
[72] WUTHRICH, PHILIP, US
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[54] **ADVANCED BIOLOGIC WATER TREATMENT USING ALGAE**
[54] **TRAITEMENT BIOLOGIQUE AVANCE DE L'EAU A L'AIDE D'ALGUES**
[72] ROBINSON, TERRY S., US
[72] MCGRAW, KEVIN S., US
[72] SYLVESTER, JARED W., US
[72] WEIDOW, JESSE D., US
[73] CLEARAS WATER RECOVERY INC., US
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING PARACETAMOL AND PROCESS FOR PREPARING THE SAME**

[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU PARACETAMOL ET PROCEDE POUR LES PREPARER**

[72] PATEL, KETAN R., IN
[72] PATEL, MILAN R., IN
[72] SHAH, PRAKASHCHANDRA J., IN
[73] TROIKAA PHARMACEUTICALS LIMITED, IN

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[54] **APPARATUS, AND ASSOCIATED METHOD, FOR RECONNECTING DROPPED CALL**

[54] **APPAREIL ET PROCEDE CONNEXE POUR LE RETABLISSEMENT D'APPEL INTERROMPU**

[72] RITTER, ERIC MARTIN, CA
[72] OLIVER, BRIAN ALEXANDER, CA
[72] GOGUEN, JOSEPH PATRICK THOMAS, US
[72] GEORGE, RICHARD JOHN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2802350)
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[22] 2013-01-18
[30] EP (12151944.1) 2012-01-20

[11] **2,802,658**
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[25] EN

[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE INCLUDING PARALLEL NFC LOOP ANTENNAS AND ASSOCIATED METHODS**

[54] **APPAREIL DE COMMUNICATION MOBILE SANS FIL AVEC ANTENNES A BOUCLE NFC ET METHODES LIEES**

[72] BEHIN, RAYHAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2802658)
[87] (2802658)
[22] 2013-01-17
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[54] **COMPOSITE HAVING ION EXCHANGE FUNCTION AND PREPARATION METHOD AND USE THEREOF**

[54] **COMPOSITE A FONCTION D'ECHANGE IONIQUE, SON PROCEDE DE PREPARATION ET SON UTILISATION**

[72] ZHANG, YONGMING, CN
[72] TANG, JUNKE, CN
[72] LIU, PING, CN
[72] ZHANG, HENG, CN
[72] WANG, JUN, CN
[73] SHANDONG HUAXIA SHENZHOU NEW MATERIAL CO., LTD, CN
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[54] **SGC STIMULATORS**

[54] **STIMULATEURS DE SGC**

[72] KIM, CHARLES, US
[72] NAKAI, TAKASHI, US
[72] LEE, THOMAS WAI-HO, US
[72] MOORE, JOEL, US
[72] PERL, NICHOLAS ROBERT, US
[72] ROHDE, JASON, US
[72] IYENGAR, RAJESH R., US
[72] MERMERIAN, ARA, US
[72] FRETZEN, ANGELIKA, US
[73] IRONWOOD PHARMACEUTICALS, INC., US

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[13] C

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[54] **SHAPED COMPRESSED PELLETS FOR SLOW RELEASE OF WELL TREATMENT AGENTS INTO A WELL AND METHODS OF USING THE SAME**

[54] **PASTILLES COMPRIMEES FACONNEES POUR LA LIBERATION LENTE D'AGENTS DE TRAITEMENT DE Puits DANS UN Puits ET PROCEDES POUR LES UTILISER**

[72] DARBY, JOHN GREGORY, US
[72] GUPTA, D.V. SATYANARAYANA, US
[72] SHEN, DONG, US
[73] BAKER HUGHES INCORPORATED, US

[85] 2013-01-10
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[54] **SHIPPING AND DISPLAY TRAY WITH ARTICLE SUPPORT**
[54] **PLATEAU DE TRANSPORT ET DE PRESENTATION POURVU DE SUPPORTS POUR DES ARTICLES**
[72] SMITH, JEFFREY A., US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2013-01-21
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[13] C

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[25] EN
[54] **ENCAPSULATED METAL MICROTIP MICROPLASMA DEVICES, ARRAYS AND FABRICATION METHODS**
[54] **DISPOSITIFS A MICROPLASMA A MICROPOINTES METALLIQUES ENCAPSULEES, GROUPEMENTS ET PROCEDES DE FABRICATION**
[72] EDEN, J., GARY, US
[72] PARK, SUNG-JIN, US
[72] YOON, JEKWON, KR
[72] CHUNG, BRIAN, US
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
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[86] 2011-07-27 (PCT/US2011/045564)
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[13] C

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[25] EN
[54] **REVERSE LINK CHANNEL ARCHITECTURE FOR A WIRELESS COMMUNICATION SYSTEM**
[54] **ARCHITECTURE DE CANAL DE LIAISON MONTANTE POUR SYSTEME DE COMMUNICATION SANS FIL**
[72] TIEDEMANN, EDWARD G., JR., US
[72] CHEN, TAO, US
[72] JAIN, AVINASH, US
[73] QUALCOMM INCORPORATED, US
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[13] C

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[25] EN
[54] **UNIVERSALLY INTERACTIVE REQUEST FOR INFORMATION**
[54] **DEMANDE DE RENSEIGNEMENTS UNIVERSELLEMENT INTERACTIVE**
[72] DOWNEY, DAVID, US
[72] SHEEHAN, PATRICK M., US
[72] ANDERSON, BRUCE J., US
[72] WILSON, DANIEL, CA
[73] INVIDI TECHNOLOGIES CORPORATION, US
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[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 34/10 (2006.01)**
[25] EN
[54] **ABRASIVE PERFORATOR WITH FLUID BYPASS**
[54] **PERFORATEUR ABRASIF A DERIVATION DE FLUIDE**
[72] CONNELL, MICHAEL L., US
[72] FARKAS, ROBERT J., US
[73] THRU TUBING SOLUTIONS, INC., US
[85] 2013-01-31
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[30] US (12/849,286) 2010-08-03

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[13] C

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[25] EN
[54] **METHODS AND DEVICES FOR ENTROPY CODING IN SCALABLE VIDEO COMPRESSION**
[54] **PROCEDES ET DISPOSITIFS POUR CODAGE ENTROPIQUE AU CHAPITRE DE LA COMPRESSION VIDEO EVOLUTIVE**
[72] WANG, JING, CA
[72] HE, DAKE, CA
[72] YU, XIANG, CA
[72] JI, TIANYING, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **WELL-LOGGING TOOL FOR DETERMINING PROPERTIES IN A FLOWSTREAM**
[54] **OUTIL DE DIAGRAPHIE PERMETTANT DE DETERMINER DES PROPRIETES DANS UN ECOULEMENT**
[72] MINETTE, DANIEL CARL, US
[72] SMITH, HARRY D., JR., US
[72] PHELPS, PHILLIP R., US
[73] PROBE TECHNOLOGY SERVICES, INC., US
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[25] EN
[54] **VALIDATION PROCESS FOR IPSATIVE ASSESSMENTS**
[54] **PROCEDE DE VALIDATION POUR EVALUATIONS IPSATIVES**
[72] BONNSTETTER, BILL J., US
[72] BONNSTETTER, RONALD J., US
[72] HEBETS, DUSTIN, US
[72] COLLURA, THOMAS F., US
[73] TARGET TRAINING INTERNATIONAL LTD., US
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[87] (2808691)
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[54] **COEXISTENCE OF MULTIPLE RADIOS IN A MEDICAL DEVICE**
[54] **COEXISTENCE DE RADIOS MULTIPLES DANS UN DISPOSITIF MEDICAL**
[72] GURLEY, THOMAS D., US
[72] NIERZWICK, MARK, US
[72] RAMEY, BLAINE EDWARD, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2013-02-21
[86] 2011-10-13 (PCT/EP2011/067872)
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[30] US (12/905,453) 2010-10-15

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[13] C

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[25] EN
[54] **BUPRENORPHINE ANALOGS**
[54] **ANALOGUES DE BUPRENORPHINE**
[72] KYLE, DONALD J., US
[72] TAFESSE, LAYKEA, US
[73] PURDUE PHARMA L.P., US
[85] 2013-03-04
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[25] EN
[54] **METHOD OF DETECTING SPACE DEBRIS**
[54] **PROCEDE DE DETECTION DE DEBRIS SPATIAUX**
[72] HANADA, TOSHIYA, JP
[72] KITAZAWA, YUKIHITO, JP
[72] KAWABE, ARITSUNE, JP
[73] IHI CORPORATION, JP
[73] KYUSHU UNIVERSITY, JP
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[30] JP (2010-203481) 2010-09-10

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[13] C

[51] **Int.Cl. B26B 21/52 (2006.01)**
[25] EN
[54] **RAZOR HANDLE WITH A ROTATABLE PORTION**
[54] **MANCHE DE RASOIR AVEC UNE PARTIE ROTATIVE**
[72] MURGIDA, MATTHEW FRANK, US
[72] JOHNSON, ROBERT HAROLD, US
[72] FATHALLAH, PAUL, US
[73] THE GILLETTE COMPANY, US
[85] 2013-03-08
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[25] EN
[54] **READ HEAD DEVICE WITH SLOT CONFIGURED TO REDUCE TORQUE**
[54] **DISPOSITIF DE TETE DE LECTURE A FENTE CONFIGURE POUR REDUIRE LE COUPLE**
[72] MCKELVEY, JAMES M., US
[72] WEN, XUANCONG, US
[72] DORSEY, JACK, US
[72] BABU, AMISH RAJESH, US
[73] SQUARE, INC., US
[85] 2013-03-21
[86] 2011-10-07 (PCT/US2011/055375)
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[30] US (12/903,801) 2010-10-13
[30] US (12/903,753) 2010-10-13
[30] US (12/903,828) 2010-10-13
[30] US (12/903,758) 2010-10-13
[30] US (12/985,982) 2011-01-06
[30] US (13/005,822) 2011-01-13
[30] US (13/010,976) 2011-01-21
[30] US (13/012,495) 2011-01-24
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[30] US (13/043,268) 2011-03-08
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[25] EN

[54] **PAYMENT METHODS WITH A PAYMENT SERVICE AND TABS SELECTED BY A FIRST PARTY AND OPENED BY A SECOND PARTY AT ANY GEOGRAPHIC LOCATION OF THE FIRST PARTY'S MOBILE DEVICE**

[54] **METHODE DE PAIEMENT AVEC UN SERVICE DE PAIEMENT ET DES ONGLETS SELECTIONNES PAR UNE PREMIERE PARTIE ET OUVERTS PAR UNE SECONDE PARTIE A N'IMPORTE QUEL EMPLACEMENT GEOGRAPHIQUE DUDISPOSITIF MOBILE DE LA PREMIERE PARTIE**

[72] DORSEY, JACK, US
[72] HENDERSON, WILLIAM, US
[72] GRASSADONIA, BRIAN, US
[72] MCKELVEY, JAMES M., US
[73] SQUARE, INC., US
[85] 2013-03-25
[86] 2011-10-07 (PCT/US2011/055387)
[87] (WO2012/051071)
[30] US (12/903,823) 2010-10-13
[30] US (12/903,753) 2010-10-13
[30] US (12/985,982) 2011-01-06
[30] US (13/005,822) 2011-01-13
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[30] US (13/012,495) 2011-01-24
[30] US (13/043,203) 2011-03-08
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[30] US (13/043,270) 2011-03-08
[30] US (13/043,268) 2011-03-08
[30] US (13/043,263) 2011-03-08
[30] US (13/088,038) 2011-04-15

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[13] C

[51] **Int.Cl. G06K 19/077 (2006.01) G06K 19/04 (2006.01)**

[25] EN

[54] **TRANSPONDER AND METHOD FOR ITS APPLICATION**

[54] **TRANSPONDEUR ET PROCEDE POUR SON APPLICATION**

[72] TAMRE, MART, EE
[72] PODRA, PRIIT, EE
[72] POLDER, AHTI, EE
[72] JUURMA, MART, EE
[73] TALLINN UNIVERSITY OF TECHNOLOGY, EE

[85] 2013-03-26
[86] 2010-09-29 (PCT/EE2010/000015)
[87] (WO2011/038743)
[30] EE (P 200900075) 2009-09-29

[11] **2,813,015**
[13] C

[51] **Int.Cl. C09D 11/38 (2014.01) C09D 11/34 (2014.01) B41J 2/01 (2006.01)**

[25] EN

[54] **PHASE CHANGE INK COMPOSITIONS AND SULFONATED COMPOUNDS FOR USE IN THE SAME**

[54] **COMPOSITIONS D'ENCRE A CHANGEMENT DE PHASE ET COMPOSES SULFONES POUR UTILISATION DANS CELLES-CI**

[72] BIRAU, MARIA, CA
[72] TOOSI, SALMA FALAH, CA
[72] ALLEN, C. GEOFFREY, CA
[72] ABRAHAM, BIBY E., CA
[72] MAYO, JAMES D., CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US

[86] (2813015)
[87] (2813015)
[22] 2013-04-16
[30] US (13/453,916) 2012-04-23

[11] **2,813,265**
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[54] **VACUUM THERAPY AND CLEANSING DRESSING FOR WOUNDS**

[54] **THERAPIE PAR LE VIDE ET BANDAGE DESINFECTANT POUR BLESSURES**

[72] LOCKWOOD, JEFFREY S., US
[72] PETROSENKO, ROBERT, US
[72] RISK, JAMES ROBERT, JR., US
[73] KCI MEDICAL RESOURCES, KY

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[87] (2813265)
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[62] 2,689,308
[30] US (09/994,537) 2001-11-27
[30] US (10/144,504) 2002-05-13

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[54] **VARIABLE TRANSPARENCY HEADS UP DISPLAYS**

[54] **AFFICHAGES TETE HAUTE A TRANSPARENCE VARIABLE**

[72] THOMPSON, PETER, GB
[72] DOVE, ANTONY MICHAEL, GB
[73] ELDON TECHNOLOGY LIMITED, GB

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[86] 2011-10-11 (PCT/EP2011/067751)
[87] (WO2012/049189)
[30] US (12/902,320) 2010-10-12

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- [25] EN
- [54] **BEPOTASTINE COMPOSITIONS**
- [54] **COMPOSITIONS DE BEPOTASTINE**
- [72] PADILLA, ANGEL, US
- [72] BAKLAYAN, GEORGE, US
- [73] ISTA PHARMACEUTICALS, INC., US
- [73] MITSUBISHI TANABE PHARMA CORPORATION, JP
- [85] 2013-04-04
- [86] 2011-10-06 (PCT/US2011/055011)
- [87] (WO2012/048059)
- [30] US (61/390,262) 2010-10-06

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- [25] EN
- [54] **WINCH**
- [54] **TREUIL**
- [72] FRETZ, DARREN G., US
- [72] AVERILL, BRYAN M., US
- [72] SHUYLER, STEVEN W., US
- [72] BORNTRAGER, BRYON M., US
- [72] HARTELT, KYLE A., US
- [72] STEELE, GLENDA M., US
- [73] WARN INDUSTRIES, INC., US
- [86] (2814058)
- [87] (2814058)
- [22] 2013-04-26
- [30] US (61/665,952) 2012-06-29
- [30] US (13/774,746) 2013-02-22

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- [25] EN
- [54] **INSULATOR FOR OPEN COIL ELECTRICAL RESISTANCE HEATER, HEATER USING SAME, AND METHOD OF USE**
- [54] **ISOLANT POUR APPAREIL DE CHAUFFAGE A RESISTANCE ELECTRIQUE A BOBINE OUVERTE, APPAREIL DE CHAUFFAGE L'UTILISANT ET METHODE D'UTILISATION**
- [72] LOLLAR, JAMES PATRICK, US
- [73] TUTCO, INC., US
- [86] (2814291)
- [87] (2814291)
- [22] 2013-04-25
- [30] US (13/608,181) 2012-09-10

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- [25] EN
- [54] **SYSTEMS, METHODS, AND DEVICES FOR DEMODULATING INDUCTION MOTOR INSTANTANEOUS ROTOR SLOT HARMONIC FREQUENCY**
- [54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR DEMODULER UNE FREQUENCE HARMONIQUE D'ENCOCHE DE ROTOR INSTANTANEE DE MOTEUR A INDUCTION**
- [72] GAO, ZHI, US
- [72] TURNER, LARRY A., US
- [72] LEPRETTRE, BENOIT, FR
- [72] COLBY, ROY S., US
- [73] SCHNEIDER ELECTRIC USA, INC., US
- [85] 2013-04-10
- [86] 2011-10-15 (PCT/US2011/056489)
- [87] (WO2012/058033)
- [30] EP (10290582.5) 2010-10-28

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- [25] EN
- [54] **ROPE ANCHOR FOR A WINCH**
- [54] **ANCRAGE DE CABLE POUR UN TREUIL**
- [72] YODER, BRYAN, US
- [73] WARN INDUSTRIES, INC., US
- [86] (2814475)
- [87] (2814475)
- [22] 2013-04-29
- [30] US (13/523,476) 2012-06-14

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- [54] **ANTIPERSPIRANT ACTIVE COMPOSITIONS AND MANUFACTURE THEREOF**
- [54] **COMPOSITIONS ACTIVES ANTI-TRANSPIRANTES ET FABRICATION DE CELLES-CI**
- [72] PAPPAS, IRAKLIS, US
- [72] PAN, LONG, US
- [73] COLGATE-PALMOLIVE COMPANY, US
- [85] 2013-04-11
- [86] 2010-11-02 (PCT/US2010/055030)
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[25] EN

[54] **ORAL CARE PRODUCT AND METHODS OF USE AND MANUFACTURE THEREOF**

[54] **PRODUIT DE SOIN BUCCAL ET PROCEDES D'UTILISATION ET DE FABRICATION DE CELUI-CI**

[72] LEWUS, CATHERINE, US
[72] SZEWCZYK, GREGORY, US
[72] MELLO, SARITA, US
[72] SMITH-WEBSTER, KIMDRA, US
[72] NESTA, JASON, US
[72] DILLON, RENSL, US
[72] ARVANITIDOU, EVANGELIA S., US
[72] CUIULE, CHRISTINE, US
[73] COLGATE-PALMOLIVE COMPANY, US

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[87] (WO2012/064341)

[11] **2,817,213**
[13] C

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[25] EN

[54] **FLEXIBLE DEBULKING CATHETERS WITH IMAGING AND METHODS OF USE AND MANUFACTURE**

[54] **CATHETERS FLEXIBLES DE REDUCTION DU VOLUME DOTES DE DISPOSITIFS D'IMAGERIE ET PROCEDES D'UTILISATION ET DE FABRICATION DE CEUX-CI**

[72] FRULAND, BENJAMIN, US
[72] GARVEY, ZACHARY, US
[72] GUGGENHEIMER, ETHAN, US
[72] MCPEAK, THOMAS, US
[72] PEDERSEN, JOHN, US
[72] PETERSEN, SCOTT, US
[72] CRESCENZO, LINDSAY, US
[73] COVIDIEN LP, US

[85] 2013-05-07
[86] 2011-11-10 (PCT/US2011/060203)
[87] (WO2012/064966)
[30] US (61/412,674) 2010-11-11
[30] US (61/509,866) 2011-07-20

[11] **2,818,335**
[13] C

[51] **Int.Cl. F16D 3/84 (2006.01) F16H 57/021 (2012.01) F16C 3/03 (2006.01) F16D 9/06 (2006.01) F16N 21/00 (2006.01)**

[25] EN

[54] **PROPELLER SHAFT ASSEMBLY WITH GREASE RETENTION AND VENT CAP**

[54] **ENSEMBLE ARBRE DE TRANSMISSION PERMETTANT LA RETENUE DE GRAISSE ET COMPRENANT UN CAPUCHON DE MISE A L'AIR LIBRE**

[72] KETCHEL, BRADLEY, US
[72] KATKE, CHRIS, US
[72] DOUGHERTY, KRISTYN, US
[72] BARRETT, KRYSSTIL, US
[73] NTN USA CORPORATION, US

[85] 2013-05-16
[86] 2011-11-16 (PCT/US2011/060948)
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[30] US (61/414,222) 2010-11-16

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[54] **HERBICIDE RESISTANCE GENE AND USE THEREOF**

[54] **GENE RESISTANT AUX HERBICIDES ET SON UTILISATION**

[72] SHEN, ZHICHENG, CN
[72] LIN, CHAOYANG, CN
[72] LIU, CHENGYI, CN
[73] HANGZHOU RUIFENG BIOTECHNOLOGY LIMITED INC., CN

[85] 2013-05-21
[86] 2011-11-16 (PCT/CN2011/082312)
[87] (WO2012/068966)
[30] CN (201010556653.X) 2010-11-22

[11] **2,819,485**
[13] C

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[54] **METHODOLOGY INFRASTRUCTURE AND DELIVERY VEHICLE**

[54] **INFRASTRUCTURE DE METHODOLOGIE ET VEHICULE DE LIVRAISON**

[72] KUMPITSCH, RICHARD C., US
[72] FISHER, CHRISTOPHER M., US
[72] MOORE, HOLLIS H., US
[72] COSILLO, EDY S., US
[72] LAW, BARRY K., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, CH

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[87] (2819485)
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[30] US (10/367,618) 2003-02-14

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[54] **SYSTEMS AND METHODS FOR DIGITAL VIDEO HIGH ACCURACY FAST FORWARD, REWIND AND SKIP**

[54] **SYSTEMES ET PROCEDES POUR AVANCE RAPIDE, RETOUR RAPIDE ET SAUT VIDEO NUMERIQUE A HAUTE PRECISION**

[72] ALEXANDER, MICHAEL, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US

[85] 2013-05-30
[86] 2011-11-22 (PCT/US2011/061949)
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[30] US (12/957,148) 2010-11-30

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[25] EN
[54] **SELF ADAPTIVE TWO DIMENSIONAL LEAST SQUARE FILTER FOR DISTRIBUTED SENSING DATA**
[54] **FILTRAGE PAR MOINDRES CARRÉS EN DEUX DIMENSIONS ET AUTO-ADAPTATIF DE DONNÉES DE DÉTECTION DISTRIBUÉES**
[72] CHEN, JIANFENG, US
[72] YANG, XUDONG, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-05-30
[86] 2011-11-30 (PCT/US2011/062642)
[87] (WO2012/075139)
[30] US (12/959,819) 2010-12-03

[11] **2,820,571**
[13] C

[51] **Int.Cl. C25D 5/26 (2006.01) B21D 22/20 (2006.01) C21D 9/46 (2006.01) C22C 18/00 (2006.01) C22C 19/03 (2006.01) C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/60 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING WARM PRESS-FORMED MEMBERS**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT PRESSE A CHAUD**
[72] NAKAJIMA, SEIJI, JP
[72] MIYOSHI, TATSUYA, JP
[72] NAKAMARU, HIROKI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-05-23
[86] 2011-11-30 (PCT/JP2011/078225)
[87] (WO2012/074132)
[30] JP (2010-269851) 2010-12-03
[30] JP (2011-000555) 2011-01-05
[30] JP (2011-091635) 2011-04-18
[30] JP (2011-162679) 2011-07-26

[11] **2,820,878**
[13] C

[51] **Int.Cl. H02P 7/29 (2016.01) E05F 15/603 (2015.01)**
[25] EN
[54] **LOW LOSS LOW NOISE MOTOR CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE MOTEUR A FAIBLE BRUIT ET FAIBLES PERTES**
[72] HAN, HYEONG, CA
[73] FLEXTRONICS AUTOMOTIVE INC., US
[85] 2013-06-07
[86] 2011-12-06 (PCT/US2011/063482)
[87] (WO2012/078598)
[30] US (12/963,112) 2010-12-08

[11] **2,821,347**
[13] C

[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 9/06 (2006.01)**
[25] EN
[54] **ORIENTATION SENSING STYLUS**
[54] **STYLET A DÉTECTION D'ORIENTATION**
[72] PAREKH, PREMAL, CA
[72] SINGH, AMIT PAL, CA
[73] BLACKBERRY LIMITED, CA
[86] (2821347)
[87] (2821347)
[22] 2013-07-17
[30] EP (12177387.3) 2012-07-20

[11] **2,821,392**
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[51] **Int.Cl. C07D 311/94 (2006.01) C07D 405/10 (2006.01) C07D 409/04 (2006.01) C07D 451/02 (2006.01) G02B 1/04 (2006.01) G03C 1/73 (2006.01)**
[25] EN
[54] **INDENO-FUSED RING COMPOUNDS**
[54] **COMPOSES CYCLIQUES INDENO**
[72] HE, MENG, US
[72] KUMAR, ANIL, US
[72] DABIDEEN, DARRIN R., US
[73] TRANSITIONS OPTICAL, INC., US
[85] 2013-06-12
[86] 2011-12-01 (PCT/US2011/062765)
[87] (WO2012/082381)
[30] US (12/928,671) 2010-12-16

[11] **2,823,292**
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[51] **Int.Cl. C22C 23/02 (2006.01) C22C 23/00 (2006.01) C22C 23/04 (2006.01) C22C 23/06 (2006.01) C22F 1/00 (2006.01) C22F 1/06 (2006.01)**
[25] EN
[54] **MAGNESIUM ALLOY MATERIAL**
[54] **MATERIAU EN ALLIAGE DE MAGNESIUM**
[72] YAMAKAWA, MASAHIRO, JP
[72] NUMANO, MASATADA, JP
[72] SUGIHARA, TAKAYASU, JP
[72] KUBO, YUGO, JP
[72] INOKUCHI, KOHJI, JP
[72] MIZUNO, OSAMU, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2013-06-27
[86] 2011-12-28 (PCT/JP2011/080455)
[87] (WO2012/091112)
[30] JP (2010-292517) 2010-12-28
[30] JP (2010-292518) 2010-12-28
[30] JP (2010-292519) 2010-12-28

[11] **2,823,551**
[13] C

[51] **Int.Cl. B64D 11/06 (2006.01) B60N 2/06 (2006.01) B60N 2/68 (2006.01) B64D 25/04 (2006.01)**
[25] EN
[54] **WARPED-FLOOR TOLERANT AIRCRAFT SEAT**
[54] **SIEGE D'AERONEF TOLERANT UN PLANCHER GAUCHI**
[72] DAY, MARTIN S., US
[72] PACHECO, CHAD R., US
[72] PINKAL, DONALD R., US
[73] AMI INDUSTRIES, INC., US
[86] (2823551)
[87] (2823551)
[22] 2013-08-09
[30] US (13/571,084) 2012-08-09

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[13] C

[51] **Int.Cl. B01J 19/08 (2006.01) B01F 5/04 (2006.01) C10J 3/00 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR PREPARING HIGH TEMPERATURE WATER VAPOUR RICH IN ACTIVE PARTICLES USING PLASMA**

[54] **PROCEDE ET DISPOSITIF POUR LA PREPARATION DE VAPEUR D'EAU A HAUTE TEMPERATURE RICHE EN PARTICULES ACTIVES UTILISANT UN PLASMA**

[72] CHEN, YILONG, CN
[72] ZHANG, YANFENG, CN
[72] CAO, MINXIA, CN
[72] LI, HONG, CN
[73] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN

[85] 2013-06-28
[86] 2011-08-11 (PCT/CN2011/078242)
[87] (WO2012/088887)
[30] CN (201010617855.0) 2010-12-31

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[13] C

[51] **Int.Cl. B22D 7/00 (2006.01) B21B 1/02 (2006.01)**

[25] EN

[54] **SHAPED DIRECT CHILL ALUMINUM INGOT**

[54] **LINGOT D'ALUMINIUM A FORMAGE PAR REFROIDISSEMENT DIRECT**

[72] JHA, GYAN, US
[72] BROWN, DAVID J., US
[72] NINGILERI, SHRIDAS, US
[72] YIN, WEIMIN, US
[72] BOWERS, RANDALL, US
[73] TRI-ARROWS ALUMINUM INC., US

[86] (2824512)
[87] (2824512)
[22] 2005-12-16
[62] 2,595,251
[30] US (60/639,210) 2004-12-27
[30] US (11/286,401) 2005-11-25

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[13] C

[51] **Int.Cl. B60R 7/00 (2006.01) B60R 7/08 (2006.01)**

[25] FR

[54] **QUICK-RELEASE MECHANISM**

[54] **MECANISME DE FIXATION RAPIDE**

[72] SAUTET, JEAN-YVES, FR
[72] DUPART, THIERRY, FR
[73] NEXTER SYSTEMS, FR

[86] (2824552)
[87] (2824552)
[22] 2013-08-21
[30] FR (12 02 288) 2012-08-23

[11] **2,825,320**
[13] C

[51] **Int.Cl. H02J 13/00 (2006.01) G01R 31/02 (2006.01) G01R 31/08 (2006.01)**

[25] EN

[54] **DISTRIBUTION SYSTEM ANALYSIS USING METER DATA**

[54] **ANALYSE DE SYSTEME DE DISTRIBUTION PAR UTILISATION DE DONNEES DE MESURE**

[72] TAFT, JEFFREY D., IE
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[86] (2825320)
[87] (2825320)
[22] 2010-01-12
[62] 2,748,014
[30] US (12/353,413) 2009-01-14
[30] US (12/353,836) 2009-01-14

[11] **2,825,452**
[13] C

[51] **Int.Cl. A23L 7/157 (2016.01) A23L 5/00 (2016.01) A23L 13/00 (2016.01) A23L 13/50 (2016.01) A23L 29/00 (2016.01) A23P 20/00 (2016.01) A23P 20/10 (2016.01) A23B 4/09 (2006.01)**

[25] EN

[54] **MICROWAVEABLE COATED FOOD PRODUCT, AND METHOD AND APPARATUS FOR THE MANUFACTURE THEREOF**

[54] **PRODUIT ALIMENTAIRE ENROBE POUR MICRO-ONDES, ET PROCEDE ET APPAREIL POUR LE FABRIQUER**

[72] PICKFORD, KEITH, GB
[73] CRISP SENSATION HOLDING S.A., CH

[85] 2013-07-23
[86] 2012-01-18 (PCT/EP2012/050736)
[87] (WO2012/101024)
[30] EP (11152415.3) 2011-01-27

[11] **2,825,627**
[13] C

[51] **Int.Cl. A47J 31/06 (2006.01)**

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[54] **BREW CHAMBER PACKET EJECTOR**

[54] **EJECTEUR DE PAQUET DE CHAMBRE DE BRASSAGE**

[72] KELLY, LUKE, US
[73] BE INTELLECTUAL PROPERTY, INC., US

[85] 2013-07-24
[86] 2012-03-23 (PCT/US2012/030289)
[87] (WO2012/134998)
[30] US (61/467,938) 2011-03-25
[30] US (13/424,624) 2012-03-20

[11] **2,826,581**
[13] C

[51] **Int.Cl. A61L 31/04 (2006.01) D01D 5/00 (2006.01) D04H 3/00 (2012.01) A61B 17/00 (2006.01)**

[25] EN

[54] **USE OF A MEDICAL IMPLANT AS ADHESION BARRIER**

[54] **UTILISATION D'UN IMPLANT MEDICAL COMME BARRIERE ANTI-ADHERENCES**

[72] OESSER, STEFFEN, DE
[73] GELITA AG, DE

[85] 2013-08-05
[86] 2012-02-16 (PCT/EP2012/052702)
[87] (WO2012/110606)
[30] DE (10 2011 004 239.3) 2011-02-16

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[13] C

[51] **Int.Cl. E21B 10/43 (2006.01) E21B 10/55 (2006.01) E21B 10/58 (2006.01)**

[25] EN

[54] **CUTTING STRUCTURES FOR FIXED CUTTER DRILL BIT AND OTHER DOWNHOLE CUTTING TOOLS**

[54] **STRUCTURES DE COUPE POUR TREPAN A ELEMENTS DE COUPE FIXES ET AUTRES OUTILS DE COUPE DE FOND**

[72] AZAR, MICHAEL G., US

[72] DURAIRAJAN, BALA, US

[72] KESHAVAN, MADAPUSI, K., US

[73] SMITH INTERNATIONAL, INC., US

[85] 2013-08-09

[86] 2012-02-10 (PCT/US2012/024609)

[87] (WO2012/109518)

[30] US (61/441,319) 2011-02-10

[30] US (61/499,851) 2011-06-22

[11] **2,827,362**
[13] C

[51] **Int.Cl. B01D 47/06 (2006.01) B01D 53/14 (2006.01) B01D 53/78 (2006.01) F01N 3/04 (2006.01)**

[25] EN

[54] **A WET SCRUBBER FOR CLEANING AN EFFLUENT GAS**
[54] **EPURATEUR PAR VOIE HUMIDE POUR NETTOYER UN GAZ D'EFFLUENT**

[72] BJARNO, ODD EDGAR, NO

[73] ALSTOM TECHNOLOGY LTD, CH

[85] 2013-08-14

[86] 2012-02-08 (PCT/IB2012/000235)

[87] (WO2012/110871)

[30] EP (11154945.7) 2011-02-18

[11] **2,827,936**
[13] C

[51] **Int.Cl. A47D 13/06 (2006.01)**

[25] EN

[54] **PLAY YARD WITH REMOVABLE LINER**

[54] **PARC A JOUER AYANT UN REVETEMENT AMOVIBLE**

[72] RAMPTON, KURT RUSSELL, US

[72] MONTAGUE, EDGAR, US

[72] GIBSON, ROBERT, US

[72] BURNS, STEVE, US

[72] THOMSON, JOHN MATTHEW, US

[73] KIDS II, INC., US

[85] 2013-08-21

[86] 2011-06-24 (PCT/US2011/041717)

[87] (WO2012/115677)

[30] US (13/034,313) 2011-02-24

[11] **2,828,121**
[13] C

[51] **Int.Cl. B27K 5/02 (2006.01) C12N 1/14 (2006.01) C12P 1/02 (2006.01)**

[25] EN

[54] **WOOD COLORING WITH FUNGI AND THE TREATING PROCESS**

[54] **COLORATION DU BOIS AVEC DES CHAMPIGNONS ET PROCEDE DE TRAITEMENT**

[72] GIGNAC, MANON, CA

[72] YANG, DIAN-QING, CA

[73] FPINNOVATIONS, CA

[85] 2013-08-23

[86] 2012-03-02 (PCT/CA2012/000196)

[87] (WO2012/119228)

[30] US (61/449,160) 2011-03-04

[11] **2,828,170**
[13] C

[51] **Int.Cl. H04B 1/00 (2006.01) H01Q 3/34 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TUNING A COMMUNICATION DEVICE**

[54] **PROCEDE ET APPAREIL DE REGLAGE DE DISPOSITIF DE COMMUNICATION**

[72] MENDOLIA, GREG, US

[73] BLACKBERRY LIMITED, CA

[85] 2013-08-22

[86] 2012-02-24 (PCT/US2012/026458)

[87] (WO2012/116258)

[30] US (13/035,417) 2011-02-25

[11] **2,828,955**
[13] C

[51] **Int.Cl. A61K 8/97 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **USE OF ANOGEISSUS EXTRACT FOR FIBRILLIN PRODUCTION IN SKIN**

[54] **UTILISATION D'EXTRAIT D'ANOGEISSUS POUR PRODUCTION DE FIBRILLINE DANS LA PEAU**

[72] DALY, SUSAN M., US

[72] DECLERCQ, LIEVE, BE

[73] ELC MANAGEMENT LLC, US

[85] 2013-09-03

[86] 2011-09-19 (PCT/US2011/052188)

[87] (WO2012/125183)

[30] US (61/451,654) 2011-03-11

[11] **2,829,203**
[13] C

[51] **Int.Cl. A47G 9/10 (2006.01) A61F 5/00 (2006.01)**

[25] EN

[54] **PILLOW HAVING A PLURALITY OF POLYGONAL UNITS**

[54] **OREILLER COMPORTANT PLUSIEURS ELEMENTS POLYGONAUX**

[72] CHO, SOON HYUNG, KR

[73] VENYGOOD CO., LTD., KR

[85] 2013-09-05

[86] 2012-05-15 (PCT/KR2012/003778)

[87] (WO2012/165776)

[30] KR (10-2011-0052030) 2011-05-31

[11] **2,829,448**
[13] C

[51] **Int.Cl. B27B 31/00 (2006.01)**

[25] EN

[54] **LOG SINGULATOR**

[54] **SEPARATEUR DE BILLOTS**

[72] GOATER, GEORGE H., CA

[73] GOATER, GEORGE H., CA

[86] (2829448)

[87] (2829448)

[22] 2013-10-03

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[11] **2,829,605**
[13] C

[51] **Int.Cl. C30B 29/60 (2006.01) H01M 4/134 (2010.01) H01M 4/1395 (2010.01) C30B 29/06 (2006.01) C30B 33/10 (2006.01)**

[25] EN

[54] **A METHOD FOR MASS PRODUCTION OF SILICON NANOWIRES AND/OR NANOBELTS, AND LITHIUM BATTERIES AND ANODES USING THE SILICON NANOWIRES AND/OR NANOBELTS**

[54] **PROCEDE DE PRODUCTION EN MASSE DE NANOFILS OU NANO-CEINTURES DE SILICIUM ET BATTERIES ET ANODES AU LITHIUM UTILISANT LES NANOFILS OU NANO-CEINTURES DE SILICIUM**

[72] SUN, XUELIANG, CA
[72] HU, YUHAI, CA
[72] LI, XIFEI LI, CA
[72] LI, RUYING, CA
[72] YANG, QUANMIN, CA
[73] SPRINGPOWER INTERNATIONAL INCORPORATED, CA

[86] (2829605)
[87] (2829605)
[22] 2013-10-07

[11] **2,829,823**
[13] C

[51] **Int.Cl. A61B 17/15 (2006.01)**

[25] EN

[54] **GUIDE TOOL FOR RESECTION OF PATELLOFEMORAL JOINT**

[54] **INSTRUMENT DE GUIDAGE POUR RESECTION DE L'ARTICULATION PATELLOFEMORALE**

[72] MURRAY, DAVID WYCLIFFE, GB
[72] DODD, CHRISTOPHER ALEXANDER, GB

[72] LLOYD, RUSSELL, GB
[72] RIDLEY, DUNCAN ANDREW, GB
[72] THOMAS, WILLIAM KEITH, GB
[73] BIOMET UK HEALTHCARE LIMITED, GB

[85] 2013-09-11
[86] 2012-03-16 (PCT/GB2012/050583)
[87] (WO2012/123758)
[30] GB (1104510.1) 2011-03-17

[11] **2,830,703**
[13] C

[51] **Int.Cl. A61K 31/12 (2006.01) A61K 31/216 (2006.01) A61P 31/12 (2006.01)**

[25] EN

[54] **VIRAL INHIBITOR COMPOSITION FOR IN VIVO THERAPEUTIC USE**

[54] **COMPOSITION D'INHIBITEUR VIRAL POUR UNE UTILISATION THERAPEUTIQUE IN VIVO**

[72] COPPENS, CHRISTINE (DECEASED), LU

[73] CESA ALLIANCE S.A., LU

[85] 2013-09-19
[86] 2011-09-27 (PCT/EP2011/066746)
[87] (WO2012/038553)
[30] EP (PCT/EP2011/054758) 2011-03-28

[11] **2,830,740**
[13] C

[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/00 (2006.01) A61B 5/05 (2006.01) A61B 5/06 (2006.01) A61M 25/095 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR REGISTRATION OF MULTIPLE NAVIGATION SYSTEMS TO A COMMON COORDINATE FRAME**

[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT DE MULTIPLES SYSTEMES DE NAVIGATION DANS CADRE DE COORDONNEES COMMUN**

[72] OLSON, ERIC S., US
[73] ST. JUDE MEDICAL, ATRIAL FIBRILLATION DIVISION, INC., US

[85] 2013-09-19
[86] 2012-01-26 (PCT/US2012/022678)
[87] (WO2012/141775)
[30] US (13/087,203) 2011-04-14

[11] **2,831,788**
[13] C

[51] **Int.Cl. G01J 3/46 (2006.01) B05B 12/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **COLOR HARMONY WITH PROCESS AND ENVIRONMENTAL FEEDBACK**

[54] **HARMONIE DE COULEUR AVEC RETOUR D'INFORMATIONS RELATIVES A L'ENVIRONNEMENT ET AU PROCEDE**

[72] POLAND, CHRISTOPHER ALAN, US
[72] SAUNDERS, MICHAEL ANTHONY, US

[72] NISHINO, MASAKUNI, US
[72] BAKER, STEVEN J., US
[72] WELLMAN, DAVID MICHAEL, US
[72] PECK, WILLIAM GREGORY, US
[72] HIXSON, RODERICK LOUIS, US
[72] MCTIGHE, JOHN WILLIAM, US
[72] BUSH, DIANA MARIE, US
[73] HONDA MOTOR CO., LTD., JP

[85] 2013-09-27
[86] 2012-03-29 (PCT/US2012/031229)
[87] (WO2012/135508)
[30] US (13/077,514) 2011-03-31

[11] **2,832,002**
[13] C

[51] **Int.Cl. H04W 56/00 (2009.01) H04B 1/16 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR COORDINATION OF SENDING REFERENCE SIGNALS FROM MULTIPLE CELLS**

[54] **PROCEDES ET APPAREIL DE COORDINATION D'ENVOI DE SIGNAUX DE REFERENCE A PARTIR DE CELLULES MULTIPLES**

[72] LUO, TAO, US
[73] QUALCOMM INCORPORATED, US

[86] (2832002)
[87] (2832002)
[22] 2010-06-22
[62] 2,766,144
[30] US (61/219,354) 2009-06-22
[30] US (12/818,464) 2010-06-18

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[11] **2,832,159**
[13] C

[51] **Int.Cl. C22C 38/06 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**

[25] EN

[54] **HIGH-STRENGTH HOT-ROLLED STEEL SHEET HAVING EXCELLENT LOCAL DEFORMABILITY AND MANUFACTURING METHOD THEREOF**

[54] **TOLE D'ACIER LAMINE A CHAUD HAUTE RESISTANCE OFFRANT UNE EXCELLENTE DEFORMABILITE LOCALE ET PROCEDE DE FABRICATION ASSOCIE**

[72] SUWA, YOSHIHIRO, JP
[72] NAKANO, KAZUAKI, JP
[72] HAYASHI, KUNIO, JP
[72] OKAMOTO, RIKI, JP
[72] FUJITA, NOBUHIRO, JP
[72] SANO, KOHICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-10-02
[86] 2012-04-12 (PCT/JP2012/060067)
[87] (WO2012/141265)
[30] JP (2011-089250) 2011-04-13

[11] **2,832,176**
[13] C

[51] **Int.Cl. C22C 38/06 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/28 (2006.01) C23C 2/40 (2006.01)**

[25] EN

[54] **HIGH-STRENGTH COLD-ROLLED STEEL SHEET HAVING EXCELLENT UNIFORM ELONGATION AND HOLE EXPANDABILITY AND MANUFACTURING METHOD THEREOF**

[54] **TOLE D'ACIER A HAUTE RESISTANCE LAMINEE A FROID AVEC DES CARACTERISTIQUES D'ETIRAGE TRES UNIFORMES ET UNE EXCELLENTE EXPANSIBILITE DES TROUS, ET SON PROCEDE DE PRODUCTION**

[72] TODA, YURI, JP
[72] OKAMOTO, RIKI, JP
[72] FUJITA, NOBUHIRO, JP
[72] SANO, KOHICHI, JP
[72] YOSHIDA, HIROSHI, JP
[72] OGAWA, TOSHIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-10-02
[86] 2012-04-19 (PCT/JP2012/060634)
[87] (WO2012/144567)
[30] JP (2011-095254) 2011-04-21

[11] **2,832,901**
[13] C

[51] **Int.Cl. C22C 38/02 (2006.01) B21D 22/00 (2006.01) B32B 15/01 (2006.01) C21D 8/02 (2006.01) C21D 9/46 (2006.01) C22C 38/04 (2006.01) C22C 38/18 (2006.01) C23C 2/26 (2006.01)**

[25] EN

[54] **HOT STAMPED ARTICLE, METHOD OF PRODUCING HOT STAMPED ARTICLE, ENERGY ABSORBING MEMBER, AND METHOD OF PRODUCING ENERGY ABSORBING MEMBER**

[54] **ARTICLE MOULE ESTAMPE A CHAUD ET SON PROCEDE DE PRODUCTION, ELEMENT D'ABSORPTION D'ENERGIE ET SON PROCEDE DE PRODUCTION**

[72] KAWASAKI, KAORU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-10-09
[86] 2012-05-11 (PCT/JP2012/062209)
[87] (WO2012/157581)
[30] JP (2011-108397) 2011-05-13
[30] JP (2011-108564) 2011-05-13
[30] JP (2011-198160) 2011-09-12
[30] JP (2011-198261) 2011-09-12

[11] **2,833,882**
[13] C

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 19/00 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **EXPANSION SYSTEM FOR AN EXPANDABLE TUBULAR ASSEMBLY**

[54] **SYSTEME D'EXTENSION POUR UN ENSEMBLE TUBULAIRE EXTENSIBLE**

[72] GIROUX, RICHARD LEE, US
[72] GANDIKOTA, VARADARAJU, US
[72] ABEDRABBO, NADER E., US
[72] KENDZIORA, LARRY A., US
[72] RING, LEV, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-10-21
[86] 2012-04-27 (PCT/US2012/035455)
[87] (WO2012/149318)
[30] US (13/095,839) 2011-04-27

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[11] **2,834,026**
[13] C

[51] **Int.Cl. E21B 23/01 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **EXPANDABLE OPEN-HOLE ANCHOR**
[54] **ANCRAGE EXPANSIBLE DE TROU EN DECOUVERT**
[72] GANDIKOTA, VARADARAJU, US
[72] KENDZIORA, LARRY A., US
[72] GIROUX, RICHARD L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-10-21
[86] 2012-04-26 (PCT/US2012/035304)
[87] (WO2012/149224)
[30] US (13/095,803) 2011-04-27

[11] **2,834,144**
[13] C

[51] **Int.Cl. F24C 3/08 (2006.01)**
[25] EN
[54] **GAS OVEN RANGE**
[54] **CUISINIÈRE AU GAZ**
[72] WIE, JEAHYUK, KR
[72] KIM, YOUNGSOO, KR
[72] KIM, YANGHO, KR
[72] YANG, INGYU, KR
[73] LG ELECTRONICS INC., KR
[86] (2834144)
[87] (2834144)
[22] 2013-11-25
[30] KR (10-2012-0135283) 2012-11-27

[11] **2,834,230**
[13] C

[51] **Int.Cl. E21B 34/06 (2006.01)**
[25] EN
[54] **ANNULAR PRESSURE RELEASE SUB**
[54] **RACCORD DE DECHARGE DE PRESSION DE L'ESPACE ANNULAIRE**
[72] HEBERT, JOHN EMILE, US
[72] BOURG, BRANDON LEE, US
[72] ARBONEAU, EMMET J., III, US
[72] SMITH, JOSHUA T., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-10-23
[86] 2012-04-27 (PCT/US2012/035598)
[87] (WO2012/149426)
[30] US (61/481,052) 2011-04-29

[11] **2,834,293**
[13] C

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 23/02 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **CASING RELIEF VALVE**
[54] **SOUPAPE DE SURPRESSION DE TUBAGE**
[72] MORRISON, JEFFERY, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-10-24
[86] 2012-04-27 (PCT/US2012/035604)
[87] (WO2012/149431)
[30] US (61/481,102) 2011-04-29

[11] **2,834,294**
[13] C

[51] **Int.Cl. E21B 34/02 (2006.01) E21B 33/122 (2006.01)**
[25] EN
[54] **CONTROLLED PRODUCTION AND INJECTION**
[54] **PRODUCTION ET INJECTION REGULEES**
[72] HAILEY, TRAVIS THOMAS, US
[72] SAETRE, GEIRMUND, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-10-24
[86] 2012-04-04 (PCT/US2012/032130)
[87] (WO2012/148640)
[30] US (13/094,051) 2011-04-26

[11] **2,834,418**
[13] C

[51] **Int.Cl. G10K 11/00 (2006.01) B06B 1/02 (2006.01)**
[25] EN
[54] **ACOUSTIC PROJECTOR HAVING SYNCHRONIZED ACOUSTIC RADIATORS**
[54] **PROJECTEUR ACOUSTIQUE AVEC ELEMENTS RAYONNANTS ACOUSTIQUES SYNCHRONISES**
[72] BESLIN, OLIVIER, CA
[73] ULTRA ELECTRONICS MARITIME SYSTEMS INC., CA
[85] 2013-10-28
[86] 2012-05-09 (PCT/CA2012/050300)
[87] (WO2012/151696)
[30] US (61/483,966) 2011-05-09

[11] **2,834,546**
[13] C

[51] **Int.Cl. B29C 70/00 (2006.01)**
[25] EN
[54] **CELL INCLUDING CLEAN AND DIRTY SECTIONS FOR FABRICATING COMPOSITE PARTS**
[54] **CELLULE COMPRENANT DES SECTIONS PROPRE ET SALE POUR FABRIQUER DES ELEMENTS COMPOSITES**
[72] MILLER, JEFFREY L., US
[73] THE BOEING COMPANY, US
[85] 2013-10-24
[86] 2012-07-11 (PCT/US2012/046303)
[87] (WO2013/009909)
[30] US (61/507,115) 2011-07-12
[30] US (13/267,876) 2011-10-06

[11] **2,834,753**
[13] C

[51] **Int.Cl. F02C 7/00 (2006.01) B23K 15/00 (2006.01) B23K 31/00 (2006.01) F01D 5/06 (2006.01) F01D 25/00 (2006.01)**
[25] EN
[54] **TURBINE ENGINE ROTOR, METHOD OF PRODUCING THE SAME, METHOD OF JOINING NI-BASED SUPERALLOY MEMBER AND STEEL MEMBER, AND JUNCTION STRUCTURE OF NI-BASED SUPERALLOY MEMBER AND STEEL MEMBER**
[54] **ROTOR POUR TURBINE, PROCESSUS POUR SA PRODUCTION, PROCEDE DE SOUDURE D'UN MATERIAU EN SUPERALLIAGE A BASE DE NI A UN MATERIAU EN ACIER, ET STRUCTURE**
[72] MATSUOKA, AKINORI, JP
[72] OKAUCHI, HIRONORI, JP
[72] KOGA, SHINJI, JP
[72] HYOUE, TAKEHIRO, JP
[72] TAKEDA, YUSUKE, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2013-10-30
[86] 2012-05-18 (PCT/JP2012/003273)
[87] (WO2012/176373)
[30] JP (2011-138745) 2011-06-22

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[11] **2,835,840**
[13] C

[51] **Int.Cl. A61K 47/06 (2006.01) A61K 9/00 (2006.01) A61K 31/198 (2006.01) A61K 31/223 (2006.01) A61K 33/00 (2006.01) A61P 9/00 (2006.01)**

[25] EN

[54] **BENEFICIAL EFFECTS OF INCREASING LOCAL BLOOD FLOW**

[54] **EFFETS BENEFIQUES DE L'AUGMENTATION DU DEBIT SANGUIN LOCAL**

[72] FOSSEL, ERIC THOR, US

[73] STRATEGIC SCIENCE & TECHNOLOGIES, LLC, US

[86] (2835840)

[87] (2835840)

[22] 2005-04-19

[62] 2,563,678

[30] US (60/563,563) 2004-04-19

[30] US (60/563,558) 2004-04-19

[30] US (60/563,559) 2004-04-19

[30] US (60/563,560) 2004-04-19

[30] US (60/563,561) 2004-04-19

[30] US (60/563,562) 2004-04-19

[30] US (60/563,572) 2004-04-19

[30] US (60/563,564) 2004-04-19

[30] US (60/563,565) 2004-04-19

[30] US (60/563,566) 2004-04-19

[30] US (60/563,567) 2004-04-19

[30] US (60/563,553) 2004-04-19

[30] US (60/563,554) 2004-04-19

[30] US (60/563,555) 2004-04-19

[30] US (60/563,556) 2004-04-19

[30] US (60/563,557) 2004-04-19

[30] US (60/563,551) 2004-04-19

[30] US (60/563,552) 2004-04-19

[30] US (60/563,569) 2004-04-19

[30] US (60/563,570) 2004-04-19

[30] US (60/563,571) 2004-04-19

[30] US (60/563,573) 2004-04-19

[30] US (60/563,574) 2004-04-19

[30] US (60/563,575) 2004-04-19

[30] US (60/563,576) 2004-04-19

[11] **2,836,264**
[13] C

[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/11 (2016.01) A61B 6/00 (2006.01) A61B 6/12 (2006.01) A61B 17/17 (2006.01) A61B 17/56 (2006.01) A61F 2/46 (2006.01) A61L 31/18 (2006.01)**

[25] EN

[54] **ALIGNMENT GUIDE WITH EMBEDDED FEATURES FOR INTRA-OPERATIVE FLUORO-CHECKS**

[54] **GUIDE D'ALIGNEMENT AVEC CARACTERISTIQUES INCLUSES POUR VERIFICATIONS RADIOSCOPIQUES PEROPERATOIRES**

[72] REYNOLDS, DAVID, US

[72] STEMINSKI, PAUL, US

[72] LANCIANESE, SARAH, US

[72] OBERT, RICHARD, US

[73] WRIGHT MEDICAL TECHNOLOGY, INC., US

[86] (2836264)

[87] (2836264)

[22] 2013-12-11

[30] US (61/736,302) 2012-12-12

[30] US (13/734,616) 2013-01-04

[11] **2,836,743**
[13] C

[51] **Int.Cl. G02B 5/23 (2006.01)**

[25] EN

[54] **POLARIZING PHOTOCROMIC ARTICLES**

[54] **ARTICLES PHOTOCROMIQUES POLARISANTS**

[72] KUMAR, ANIL, US

[72] YOEST, RACHAEL L., US

[72] LI, CHENGUANG, US

[72] JACKSON, DELWIN, US

[72] NGUYEN, HENRY, US

[73] TRANSITIONS OPTICAL, INC., US

[85] 2013-11-19

[86] 2011-11-16 (PCT/US2011/060961)

[87] (WO2012/170066)

[30] US (13/153,748) 2011-06-06

[30] US (13/296,867) 2011-11-15

[11] **2,836,918**
[13] C

[51] **Int.Cl. E21B 19/16 (2006.01) E21B 7/08 (2006.01) E21B 33/10 (2006.01)**

[25] EN

[54] **VARIABLY CONFIGURABLE WELLBORE JUNCTION ASSEMBLY**

[54] **ENSEMBLE DE JONCTION DE PUIITS DE FORAGE POUVANT ETRE CONFIGURE DE FACON VARIABLE**

[72] STEELE, DAVID J., US

[72] RANJEVA, JEAN-MICHEL, BR

[73] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-11-20

[86] 2012-05-18 (PCT/US2012/038660)

[87] (WO2012/166396)

[30] US (13/152,759) 2011-06-03

[11] **2,836,976**
[13] C

[51] **Int.Cl. B65G 15/00 (2006.01) B65G 12/42 (2006.01) B65G 47/44 (2006.01)**

[25] EN

[54] **TUBULAR CONVEYOR WITH CLEATED BELT**

[54] **CONVOYEUR TUBULAIRE AVEC BANDE A TASSEAUX**

[72] KLASSEN, RONALD, CA

[72] STENSON, ARTHUR, CA

[73] AG GROWTH INTERNATIONAL INC., CA

[86] (2836976)

[87] (2836976)

[22] 2013-12-19

[11] **2,836,986**
[13] C

[51] **Int.Cl. B65G 15/00 (2006.01) B65G 21/20 (2006.01) B65G 45/10 (2006.01)**

[25] EN

[54] **TUBULAR CONVEYOR WITH CLEANOUT HAVING DETACHABLE COVER**

[54] **CONVOYEUR TUBULAIRE A REGARD DE NETTOYAGE COMPORANT UN COUVERCLE AMOVIBLE**

[72] KLASSEN, RONALD, CA

[72] STENSON, ARTHUR, CA

[73] AG GROWTH INTERNATIONAL INC., CA

[86] (2836986)

[87] (2836986)

[22] 2013-12-19

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[11] **2,837,131**
[13] C

[51] **Int.Cl. E21B 12/02 (2006.01)**
[25] EN
[54] **WEAR INDICATORS FOR DRILLING EQUIPMENT**
[54] **INDICATEURS D'USURE POUR EQUIPEMENT DE FORAGE**
[72] DUPONT, OLIVIER, BE
[72] DA SILVA, NUNO, BE
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-11-22
[86] 2011-06-03 (PCT/EP2011/059203)
[87] (WO2012/163431)

[11] **2,837,363**
[13] C

[51] **Int.Cl. A47C 1/032 (2006.01)**
[25] EN
[54] **TILT MECHANISM FOR A CHAIR AND CHAIR**
[54] **MECANISME D'INCLINAISON POUR UN SIEGE ET SIEGE**
[72] JONES, MARK GRANT, GB
[72] SLONGO, ALESSANDRO, IT
[72] COSTAGLIA, MASSIMO, IT
[73] L&P PROPERTY MANAGEMENT COMPANY, US
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[54] **ARTICLE VESTIMENTAIRE A COMPOSANTS D'ATTACHEMENT FIXES DE FACON DETACHABLE**
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[73] NIKE INNOVATE C.V., US
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[30] US (13/168,220) 2011-06-24

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[54] **WIRELESS FIELD DEVICE WITH REMOVABLE POWER SOURCE**
[54] **DISPOSITIF DE CHAMP SANS FIL DOTE D'UNE SOURCE D'ENERGIE AMOVIBLE**
[72] ORTH, KELLY M., US
[73] ROSEMOUNT INC., US
[85] 2013-12-06
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[54] **STORAGE GATEWAY ACTIVATION PROCESS**
[54] **PROCESSUS D'ACTIVATION DE PASSERELLE DE STOCKAGE**
[72] SORENSON, JAMES CHRISTOPHER, III, US
[72] LIN, YUN, US
[72] SALYERS, DAVID C., US
[72] KHETRAPAL, ANKUR, US
[72] CAVAGE, MARK J., US
[73] AMAZON TECHNOLOGIES, INC., US
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[25] EN
[54] **MEDICAL TISSUE-MARKER AND MANUFACTURING METHOD FOR SAME**
[54] **MARQUEUR DE TISSU MEDICAL ET SON PROCEDE DE FABRICATION**
[72] HAYASHI, HIDEKI, JP
[72] HATAKEYAMA, HIROYA, JP
[72] FUJINAMI, MASANORI, JP
[72] TOYOTA, TARO, JP
[73] NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY, JP
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[25] EN
[54] **ESTIMATING A WELLBORE PARAMETER**
[54] **ESTIMATION D'UN PARAMETRE DE Puits DE Forage**
[72] FRIPP, MICHAEL LINLEY, US
[72] DYKSTRA, JASON D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-12-17
[86] 2012-07-11 (PCT/US2012/046156)
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[25] EN
[54] **SPRING CONTROLLED STENT DELIVERY SYSTEM**
[54] **SYSTEME DE POSE DE STENT COMMANDE PAR UN RESSORT**
[72] COSTELLO, KIERAN, IE
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2013-12-19
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[25] EN

[54] **NOVEL MICROWAVE ASSISTED FLASH PYROLYSIS SYSTEM AND METHOD THEREOF**

[54] **NOUVEAU SYSTEME DE PYROLYSE ECLAIR ASSISTEE PAR MICRO-ONDES ET PROCEDE CORRESPONDANT**

[72] KASIN, KJELL IVAR, NO

[73] SCANDINAVIAN BIOFUEL COMPANY AS, NO

[73] PHASE TRANSITION ENERGY LIMITED, CN

[85] 2013-12-20

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[54] **SYSTEM AND METHOD FOR CONTINUOUS PROCESSING OF RECYCLABLE MATERIAL**

[54] **SYSTEME ET PROCEDE DE TRAITEMENT CONTINU D'UNE MATIERE RECYCLABLE**

[72] SVEC, JAMES A., US

[72] TIBAH, DENIS MUKI, US

[72] STEPHENS, KEITH EDWARD, US

[73] BUILDING MATERIALS INVESTMENT CORPORATION, US

[86] (2840453)

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[54] **MULTIPOINT TOUCHSCREEN**

[54] **ECRAN TACTILE MULTIPOINT**

[72] HOTELLING, STEVE, US

[72] STRICKON, JOSHUA A., US

[72] HUPPI, BRIAN Q., US

[73] APPLE INC., US

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[54] **ENCAPSULATES**

[54] **PRODUITS ENCAPSULES**

[72] SMETS, JOHAN, BE

[72] FERNANDEZ PRIETO, SUSANA, ES

[72] SMITH, STEVEN DARYL, US

[72] UNDERINER, TODD LAURENCE, US

[72] WOS, JOHN AUGUST, US

[72] HUHN, WOLFGANG EDGAR, US

[72] GIAMBERINI, MARTA, ES

[72] TYLKOWSKI, BARTOSZ, PL

[72] FREDERICK, HEATH A., US

[73] THE PROCTER & GAMBLE COMPANY, US

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[25] EN

[54] **SELF-PROPEL ACCESSORY**

[54] **ACCESSOIRE AUTOPROPULSE**

[72] WATSON, JASON JAMES, AU

[72] CAMPBELL, GEOFFREY GEORGE, AU

[73] JLG INDUSTRIES, INC., US

[86] (2842606)

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[54] **TRANSMISSION OF CONTROL INFORMATION IN A WIRELESS NETWORK WITH CARRIER AGGREGATION**

[54] **TRANSMISSION D'INFORMATIONS DE COMMANDE DANS UN RESEAU SANS FIL A AGREGATION DE PORTEUSES**

[72] DAMNJANOVIC, JELENA M., US

[72] CHEN, WANSHI, US

[72] MONTOJO, JUAN, US

[72] WEI, YONGBIN, US

[73] QUALCOMM INCORPORATED, US

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[54] **USE OF ULVANS AS ELICITORS OF MECHANISMS FOR NITROGEN ABSORPTION AND PROTEIN SYNTHESIS**
[54] **UTILISATION DES ULVANES COMME ELICITEURS DES MECANISMES D'ABSORPTION DE L'AZOTE ET DE LA SYNTHESE PROTEIQUE**
[72] BRIAND, XAVIER, FR
[72] CLUZET, STEPHANIE, FR
[72] DUMAS, BERNARD, FR
[72] ESQUERRE-TUGAYE, MARIE-THERESE, FR
[72] SALAMAGNE, SYLVIE, FR
[73] AGRO INNOVATION INTERNATIONAL, FR
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[11] **2,843,068**
[13] C

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[25] EN
[54] **FIELD PAVER CONNECTOR AND RESTRAINING SYSTEM**
[54] **SYSTEME DE RACCORDEMENT ET DE RETENUE DE PAVES**
[72] KUGLER, WILLIAM E., US
[72] KNIGHT, STEPHEN J., III, US
[73] UNITED CONSTRUCTION PRODUCTS, INC., US
[86] (2843068)
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[11] **2,843,103**
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[25] EN
[54] **EXCAVATOR SHOVEL AND EDGE PROTECTOR FOR THE CUTTING EDGE OF AN EXCAVATOR SHOVEL**
[54] **GODET D'EXCAVATRICE ET PROTEGE-BORD POUR LE BORD COUPANT D'UN GODET D'EXCAVATRICE**
[72] DETEMPLE, PASCAL, DE
[73] BETEK GMBH & CO. KG, DE
[85] 2014-01-24
[86] 2012-08-28 (PCT/EP2012/066680)
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[51] **Int.Cl. A63F 3/06 (2006.01) G07C 15/00 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **INTERACTIVE GAME ELEMENTS AS LOTTERY TICKET IN ENRICHED GAME PLAY ENVIRONMENT (SINGLE AND/OR MULTI-PLAYER) FOR CASINO APPLICATIONS**
[54] **ELEMENTS DE JEU INTERACTIFS TELS QU'UN TICKET DE LOTERIE DANS UN ENVIRONNEMENT DE JEU ENRICHIS (UN SEUL JOUEUR ET/OU PLUSIEURS JOUEURS) POUR APPLICATIONS DE CASINO**
[72] ARNONE, MILES, US
[72] MEYERHOFER, ERIC, US
[73] GAMBLIT GAMING, LLC, US
[85] 2014-02-04
[86] 2012-08-06 (PCT/US2012/049792)
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[30] US (61/574,515) 2011-08-04
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[13] C

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[25] FR
[54] **HOT-FORMED PREVIOUSLY WELDED STEEL PART WITH VERY HIGH MECHANICAL RESISTANCE, AND PRODUCTION METHOD**
[54] **FORME D'ACIER SOUDEE MISE EN FORME A CHAUD A TRES HAUTE RESISTANCE MECANIQUE ET PROCEDE DE FABRICATION**
[72] CRETTEUR, LAURENT, FR
[72] YIN, QINGDONG, FR
[72] SCHMIT, FRANCIS, FR
[72] EHLING, WOLFRAM, BE
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
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[30] IB (PCT/IB2011/001725) 2011-07-26

[11] **2,843,269**
[13] C

[51] **Int.Cl. E21B 33/08 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **FRICTION REDUCTION DEVICE FOR DRILL PIPE**
[54] **DISPOSITIF DE REDUCTION DE FROTTEMENT POUR TUYAU DE FORAGE**
[72] HOLTZMAN, KEITH E., US
[72] JEFFRIES, STUART MAXWELL, US
[72] CLINGMAN, PHILLIP FLOYD, US
[72] ASHBAUGH, JACK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **COMMUNICATION SYSTEM, TRANSMITTER APPARATUS AND RECEIVER APPARATUS**
[54] **SYSTEME DE COMMUNICATION, APPAREIL EMETTEUR ET APPAREIL RECEPTEUR**
[72] ABE, JUN-ICHI, JP
[72] KOBAYASHI, KIYOSHI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[11] **2,844,018**
[13] C

[51] **Int.Cl. F24H 9/18 (2006.01) F24H 1/20 (2006.01)**
[25] EN
[54] **APPARATUS FOR SUPPORTING A HEATER TUBE IN A VESSEL**
[54] **APPAREIL SERVANT A SOUTENIR UN TUBE D'APPAREIL DE CHAUFFAGE DANS UN RECIPIENT**
[72] DEGROOT, EUGENE, CA
[73] FALSE CREEK WELDING LTD., CA
[86] (2844018)
[87] (2844018)
[22] 2014-02-26
[30] US (61/944,266) 2014-02-25

[11] **2,844,274**
[13] C

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[54] **VOICE RECOGNIZING DIGITAL MESSAGEBOARD SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TABLEAU DE MESSAGE NUMERIQUE DE RECONNAISSANCE VOCALE**
[72] MCGIE, PETER, CA
[73] TECHNOSIGNZ LTD., CA
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[22] 2014-03-03
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[54] **RESIN COATED METAL SHEET**
[54] **TOLE METALLIQUE REVETUE DE RESINE**
[72] KITAGAWA, JUNICHI, JP
[72] YAMANAKA, YOICHIRO, JP
[72] NAKAGAWA, YUSUKE, JP
[72] KOJIMA, KATSUMI, JP
[72] SUTO, MIKITO, JP
[72] TOBIYAMA, YOICHI, JP
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[51] **Int.Cl. F16L 55/24 (2006.01) E03F 7/00 (2006.01) F16L 55/07 (2006.01)**
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[54] **FENCE VALVE WITH INDICATOR**
[54] **SOUPAPE A BARRIERE AVEC INDICATEUR**
[72] BUSH, SHAWN D., US
[72] NOTTAGE, RYAN W., US
[73] SDB IP HOLDINGS, LLC, US
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[87] (2846334)
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[13] C

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[25] EN
[54] **ANCHORING OF SEPTUMS IN ACOUSTIC HONEYCOMB**
[54] **ANCRAGE DE SEPTUMS DANS UNE STRUCTURE ACOUSTIQUE EN NID D'ABEILLES**
[72] ICHIHASHI, FUMITAKA, US
[73] HEXCEL CORPORATION, US
[85] 2014-02-26
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[13] C

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[25] EN
[54] **RESTRAINT HARNESS ASSEMBLY FOR A CHILD SAFETY SEAT**
[54] **ESEMBLE HARNAIS DE RETENUE POUR UN SIEGE DE SECURITE POUR ENFANT**
[72] HUTCHINSON, JAMES M. F., US
[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK
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[87] (2847450)
[22] 2014-03-21
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[13] C

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[25] EN
[54] **FUEL INJECTOR AND METHOD FOR MANUFACTURING FUEL INJECTOR**
[54] **CLAPET D'INJECTION DE COMBUSTIBLE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] FUJINO, TOMOKI, JP
[72] FURUKAWA, TAKASHI, JP
[72] HONGO, YUSUKE, JP
[73] DENSO CORPORATION, JP
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[87] (WO2013/042335)
[30] JP (2011-204724) 2011-09-20
[30] JP (2012-077236) 2012-03-29
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[13] C

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[54] **MESURES GEOPHYSIQUES AERIENNES**
[72] MCCracken, KEN G., AU
[72] LEE, JAMES BERESFORD, AU
[73] CGG DATA SERVICES AG, CH
[86] (2847625)
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[54] **ENDOLUMINAL DEVICE
RETRIEVAL DEVICES AND
RELATED SYSTEMS AND
METHODS**
[54] **DISPOSITIFS DE RECUPERATION
DE DISPOSITIFS
ENDOLUMINAUX ET SYSTEMES
ET METHODES ASSOCIES**
[72] BLISS, CODY L., US
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[73] W.L. GORE & ASSOCIATES, INC.,
US
[85] 2014-03-05
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[11] **2,848,202**
[13] C

[51] **Int.Cl. B29C 33/48 (2006.01) B29C
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[54] **LIGHTWEIGHT FLEXIBLE
MANDREL AND METHOD FOR
MAKING THE SAME**
[54] **MANDRIN SOUPLE LEGER ET
SON PROCEDE DE FABRICATION**
[72] PHAM, DOAN D., US
[72] TOLLAN, MARK W., US
[73] THE BOEING COMPANY, US
[85] 2014-03-07
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[30] US (13/271,489) 2011-10-12

[11] **2,848,536**
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[51] **Int.Cl. G09F 9/33 (2006.01) G09F 7/18
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[25] EN
[54] **SAFETY FRAME SYSTEM FOR AN
LED SIGNAGE**
[54] **SYSTEME DE CADRE DE
SECURITE POUR PANNEAU DE
SIGNALISATION A DEL**
[72] SPINA, VINCE B., US
[72] BRENNAN, CHRIS J., US
[72] MACHIELA, JASON, US
[72] LAWRENCE, JOHN THOMAS ,II, US
[73] TGI SYSTEMS CORPORATION, US
[86] (2848536)
[87] (2848536)
[22] 2014-04-04
[30] US (61/809,142) 2013-04-05
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3/0484 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **COMMAND USER INTERFACE
FOR DISPLAYING SELECTABLE
SOFTWARE FUNCTIONALITY
CONTROLS**
[54] **INTERFACE UTILISATEUR DE
COMMANDE POUR
L'AFFICHAGE DE COMMANDES
DE FONCTIONNALITES
LOGICIELLES
SELECTIONNABLES**
[72] BUTCHER, AARON M., US
[72] MORTON, DAVID A., US
[72] HARRIS, JENSEN M., US
[72] SATTERFIELD, JESSE CLAY, US
[72] DENNEY, JUSTIN, US
[73] MICROSOFT TECHNOLOGY
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[62] 2,512,047
[30] US (60/601,815) 2004-08-16
[30] US (10/955,967) 2004-09-30

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[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04W
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[25] EN
[54] **MEDIUM ACCESS CONTROL
LAYER ARCHITECTURE FOR
SUPPORTING ENHANCED
UPLINK**
[54] **ARCHITECTURE A COUCHE DE
COMMANDE D'ACCES AU
SUPPORT POUVANT PRENDRE
EN CHARGE UNE LIAISON
MONTANTE AMELIOREE**
[72] TERRY, STEPHEN E., US
[72] ZHANG, GUODONG, US
[72] DICK, STEPHEN G., US
[73] INTERDIGITAL TECHNOLOGY
CORPORATION, US
[86] (2848984)
[87] (2848984)
[22] 2005-04-29
[62] 2,566,341
[30] US (60/568,944) 2004-05-07
[30] US (60/578,533) 2004-06-10

[11] **2,849,620**
[13] C

[51] **Int.Cl. H01B 17/14 (2006.01)**
[25] EN
[54] **ELECTRICAL INSULATOR AND
METHOD OF PRODUCTION**
[54] **ISOLANT ELECTRIQUE ET
PROCEDE DE PRODUCTION**
[72] KAMPE, ANDERS, SE
[72] JOHANSSON, DANIEL, SE
[73] ABB TECHNOLOGY AG, CH
[85] 2014-03-21
[86] 2012-09-19 (PCT/EP2012/068437)
[87] (WO2013/041563)
[30] EP (11182431.4) 2011-09-23

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[11] **2,849,936**
[13] C

[51] **Int.Cl. B32B 27/00 (2006.01) B32B 29/00 (2006.01) D21H 17/36 (2006.01) D21H 19/20 (2006.01) D21H 19/26 (2006.01) D21H 19/56 (2006.01) D21H 19/58 (2006.01) D21H 19/60 (2006.01) D21H 27/24 (2006.01) D21H 27/26 (2006.01) D21H 27/28 (2006.01)**

[25] EN
[54] **COVER LAYER WITH REDUCED TENSION PROPERTIES FOR THE USE OF ABRASION-RESISTANT LAMINATE**

[54] **COUCHE DE RECOUVREMENT A PROPRIETES DE TRACTION REDUITES UTILISEE POUR LA REALISATION D'UN STRATIFIE RESISTANT A L'ABRASION**

[72] BECK, ELMAR, DE
[72] WENTZEL, DETLEF ANDREAS, DE
[73] DAKOR MELAMIN IMPRAGNIERUNGEN GMBH, DE

[85] 2014-03-25
[86] 2012-09-24 (PCT/EP2012/003978)
[87] (WO2013/045067)
[30] DE (10 2011 114 404.1) 2011-09-26

[11] **2,850,421**
[13] C

[51] **Int.Cl. E02F 3/88 (2006.01) E02F 3/92 (2006.01)**

[25] EN
[54] **SUCTION MOUTH FOR A SUBSEA MINING TOOL**

[54] **BOUCHE D'ASPIRATION POUR OUTIL D'EXTRACTION SOUS-MARIN**

[72] DAN COSTACHE, PATRICIU, RO
[73] MARINE RESOURCES EXPLORATION INTERNATIONAL BV, NL

[85] 2014-03-28
[86] 2012-10-02 (PCT/EP2012/004126)
[87] (WO2013/050136)
[30] GB (1116981.0) 2011-10-03

[11] **2,852,972**
[13] C

[51] **Int.Cl. C01B 31/06 (2006.01) E21B 10/46 (2006.01)**

[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACT WITH INCREASED IMPACT RESISTANCE**

[54] **COMPACT DE DIAMANT POLYCRISTALLIN OFFRANT UNE RESISTANCE AUX CHOCS ACCRUE**

[72] PETREE, RUSTY, US
[73] PETREE, RUSTY, US

[85] 2014-01-31
[86] 2013-12-06 (PCT/US2013/073609)
[87] (WO2014/089451)
[30] US (61/734,756) 2012-12-07

[11] **2,853,465**
[13] C

[51] **Int.Cl. G06F 11/00 (2006.01) G06F 15/16 (2006.01)**

[25] EN
[54] **SPLIT BRAIN RESISTANT FAILOVER IN HIGH AVAILABILITY CLUSTERS**

[54] **BASCULEMENT RESISTANT A LA DECONNEXION CEREBRALE DANS DES GRAPPES DE HAUTE DISPONIBILITE**

[72] DALTON, MICHAEL W., US
[73] ZETTASET, INC., US

[85] 2014-04-24
[86] 2012-10-24 (PCT/US2012/061740)
[87] (WO2013/063152)
[30] US (13/317,803) 2011-10-28

[11] **2,854,061**
[13] C

[51] **Int.Cl. A01K 45/00 (2006.01)**

[25] EN
[54] **INDEXING SYSTEM FOR AN IN OVO INJECTION APPARATUS, AND ASSOCIATED METHOD**

[54] **SYSTEME D'INDEXATION POUR UN APPAREIL D'INJECTION IN OVO, ET PROCEDE ASSOCIE**

[72] STEEN, PAUL ARCHIE, US
[72] SCHNUPPER, MICHAEL GLENN, US
[72] REES, DANIEL SCOTT, US
[73] ZOETIS SERVICES LLC, US

[85] 2014-04-30
[86] 2012-10-25 (PCT/IB2012/055881)
[87] (WO2013/064949)
[30] US (61/554,631) 2011-11-02

[11] **2,854,185**
[13] C

[51] **Int.Cl. E21B 7/08 (2006.01)**

[25] EN
[54] **SPIRAL WHIPSTOCK FOR LOW-SIDE CASING EXITS**

[54] **SIFFLET DEVIATEUR EN SPIRALE POUR SORTIES D'ENVELOPPE DE COTE INFERIEUR**

[72] MCKAY, GRAME D., GB
[72] GUIDRY, CHRISTOPHER W., US
[72] CONNELL, PAUL L., US
[72] HAUGHTON, DAVID B., US
[73] BAKER HUGHES INCORPORATED, US

[85] 2014-04-30
[86] 2012-11-08 (PCT/US2012/064181)
[87] (WO2013/070935)
[30] US (13/292,744) 2011-11-09

[11] **2,854,239**
[13] C

[51] **Int.Cl. F16H 31/00 (2006.01) B64C 13/24 (2006.01) F16H 35/00 (2006.01)**

[25] EN
[54] **AN ELECTROMECHANICAL ACTUATOR FOR AN AIRCRAFT CONTROL SURFACE, AND AN AIRCRAFT PROVIDED WITH SUCH AN ACTUATOR**

[54] **ACTIONNEUR ELECTROMECHANIQUE POUR UNE SURFACE DE COMMANDE D'AERONEF ET AERONEF EQUIPE D'UN TEL ACTIONNEUR**

[72] SENEGAS, DAVID, FR
[72] MEHEZ, JEROME, FR
[72] JESTIN, MAXIME, FR
[72] SEVAGEN, BERTRAND, FR
[73] SAGEM DEFENSE SECURITE, FR

[85] 2014-05-01
[86] 2012-11-21 (PCT/EP2012/073264)
[87] (WO2013/076158)
[30] US (61/562,736) 2011-11-22
[30] FR (1253023) 2012-04-02

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[11] **2,855,180**
[13] C

[51] **Int.Cl. C07D 491/22 (2006.01) A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 31/4745 (2006.01) A61K 31/675 (2006.01) A61P 35/00 (2006.01) C07F 9/6561 (2006.01)**

[25] EN

[54] **TROLOX DERIVATIVE-MODIFIED FAT-SOLUBLE ANTI-CANCER PHARMACEUTICAL COMPOUNDS, PREPARATIONS, PREPARING METHODS AND USE THEREOF**

[54] **COMPOSE MEDICAMENT ANTICANCER SOLUBLE DANS LES GRAISSES, MODIFIE PAR UN DERIVE DE VITAMINE E SOLUBLE DANS L'EAU, ET FORMULATION, PROCEDE DE PREPARATION ET UTILISATION DE CE COMPOSE**

[72] ZHANG, YUEHUA, CN

[73] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD, CN

[85] 2014-05-09

[86] 2012-10-18 (PCT/CN2012/083161)

[87] (WO2013/067882)

[30] CN (201110355747.5) 2011-11-11

[11] **2,855,963**
[13] C

[51] **Int.Cl. G06K 9/46 (2006.01)**

[25] EN

[54] **FACIAL RECOGNITION USING SOCIAL NETWORKING INFORMATION**

[54] **RECONNAISSANCE FACIALE UTILISANT DES INFORMATIONS DE RESEAUX SOCIAUX**

[72] GARCIA, DAVID HARRY, US

[72] ST. CLAIR, LUKE, US

[72] YUEN, JENNY, US

[73] FACEBOOK, INC., US

[85] 2014-05-14

[86] 2012-10-15 (PCT/US2012/060218)

[87] (WO2013/074233)

[30] US (13/297,074) 2011-11-15

[11] **2,856,265**
[13] C

[51] **Int.Cl. H04L 12/28 (2006.01)**

[25] EN

[54] **UPSTREAM CHANNEL BONDING PARTIAL SERVICE USING SPECTRUM MANAGEMENT**

[54] **SERVICE PARTIEL D'AGREGATION DE CANAUX EN LIAISON MONTANTE AU MOYEN D'UNE GESTION DU SPECTRE**

[72] THIBEAULT, BRIAN K., US

[72] COOPER, MICHAEL J., US

[72] MORRISSETTE, MARC L., US

[73] ARRIS ENTERPRISES, INC., US

[85] 2014-05-16

[86] 2012-11-05 (PCT/US2012/063485)

[87] (WO2013/074312)

[30] US (13/300,101) 2011-11-18

[11] **2,856,660**
[13] C

[51] **Int.Cl. H04W 40/22 (2009.01) H04W 56/00 (2009.01) H04W 80/04 (2009.01)**

[25] EN

[54] **CELL BASED DATA TRANSFER WITH DYNAMIC MULTI-PATH ROUTING IN A FULL MESH NETWORK WITHOUT CENTRAL CONTROL**

[54] **TRANSFERT DE DONNEES A BASE DE CELLULE A CHEMINEMENT MULTI-TRAJET DYNAMIQUE DANS UN RESEAU ENTIEREMENT MAILLE SANS COMMANDE CENTRALE**

[72] VADASZ, ISTVAN, DE

[73] VADASZ, ISTVAN, DE

[86] (2856660)

[87] (2856660)

[22] 2011-04-08

[62] 2,790,945

[30] EP (10003 791.0) 2010-04-08

[11] **2,857,242**
[13] C

[51] **Int.Cl. B60T 8/17 (2006.01) G01C 23/00 (2006.01)**

[25] EN

[54] **VEHICLE OPERATOR DISPLAY AND ASSISTIVE MECHANISMS**

[54] **MECANISMES D'AFFICHAGE ET D'ASSISTANCE POUR OPERATEUR DE VEHICULE**

[72] GADZINSKI, JOHN, US

[73] ENGINEERED ARRESTING SYSTEMS CORPORATION, US

[85] 2014-05-27

[86] 2013-01-09 (PCT/US2013/020710)

[87] (WO2013/109434)

[30] US (61/587,802) 2012-01-18

[30] US (61/679,879) 2012-08-06

[30] US (13/603,610) 2012-09-05

[11] **2,859,393**
[13] C

[51] **Int.Cl. E21B 10/60 (2006.01)**

[25] EN

[54] **A DRILL BIT FOR USE IN BORING A WELLBORE AND SUBTERRANEAN FRACTURING**

[54] **TREPAN DE FORAGE DESTINE A ETRE UTILISE LORS DU FORAGE D'UN Puits DE FORAGE ET DE LA FRACTURATION SOUTERRAINE**

[72] ZHOU, SHAOHUA, SA

[73] SAUDI ARABIAN OIL COMPANY, SA

[85] 2014-06-13

[86] 2012-12-19 (PCT/US2012/070459)

[87] (WO2013/096365)

[30] US (61/580,038) 2011-12-23

[11] **2,861,259**
[13] C

[51] **Int.Cl. B32B 3/06 (2006.01) B32B 27/00 (2006.01) E04B 1/78 (2006.01) E04C 2/40 (2006.01)**

[25] EN

[54] **RIGID INSULATING PANEL AND RIGID INSULATION PANEL ASSEMBLY**

[54] **PANNEAU D'ISOLATION RIGIDE ET ENSEMBLE PANNEAU D'ISOLATION RIGIDE**

[72] IMBEAU, DANIEL, CA

[72] LABONTE, MICHEL, CA

[73] GROUPE ISOLOFOAM INC., CA

[86] (2861259)

[87] (2861259)

[22] 2014-08-29

[30] US (61/898,669) 2013-11-01

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[11] **2,865,750**
[13] C

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/16 (2006.01) A61F 2/42 (2006.01)**
[25] EN
[54] **GROMMET FOR USE WITH SURGICAL IMPLANT**
[54] **OUILLET A UTILISER AVEC UN IMPLANT CHIRURGICAL**
[72] TAYLOR, ALAN G., US
[72] WAHL, REBECCA H., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2014-08-27
[86] 2013-02-28 (PCT/US2013/028450)
[87] (WO2013/130902)
[30] US (61/605,379) 2012-03-01
[30] US (13/781,378) 2013-02-28

[11] **2,866,433**
[13] C

[51] **Int.Cl. A61F 7/00 (2006.01) A61H 33/06 (2006.01) F25D 31/00 (2006.01)**
[25] EN
[54] **CRYOGENIC DEVICE**
[54] **DISPOSITIF CRYOGENIQUE**
[72] SHUPPO, VLADIMIR, CH
[73] SHUPPO, VLADIMIR, CH
[85] 2014-09-05
[86] 2013-05-29 (PCT/EP2013/061068)
[87] (WO2014/090418)
[30] CH (02772/12) 2012-12-11

[11] **2,867,270**
[13] C

[51] **Int.Cl. H04W 36/24 (2009.01) H04W 36/22 (2009.01)**
[25] EN
[54] **MOBILITY PARAMETER ADJUSTMENT AND MOBILITY STATE ESTIMATION IN HETEROGENEOUS NETWORKS**
[54] **REGLAGE DE PARAMETRE DE MOBILITE ET ESTIMATION D'ETAT DE MOBILITE DANS DES RESEAUX HETEROGENES**
[72] SONG, YI, US
[72] CAI, ZHIJUN, US
[72] BONTU, CHANDRA SEKHAH, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-09-12
[86] 2013-03-11 (PCT/US2013/030157)
[87] (WO2013/138225)
[30] US (13/422,161) 2012-03-16

[11] **2,867,678**
[13] C

[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING APPARATUS AND METHODS FOR CONTROLLING LIGHTING APPARATUS USING AMBIENT LIGHT LEVELS**
[54] **APPAREIL D'ECLAIREMENT ET PROCEDES DE COMMANDE D'UN APPAREIL D'ECLAIREMENT EN UTILISANT LES NIVEAUX LUMINEUX AMBIANTS**
[72] BRIGGS, GERALD EDWARD, CA
[73] ARKALUMEN INC., CA
[85] 2014-09-16
[86] 2012-03-16 (PCT/CA2012/000244)
[87] (WO2012/122638)
[30] US (61/453,542) 2011-03-16

[11] **2,867,989**
[13] C

[51] **Int.Cl. C10G 2/00 (2006.01) B01J 8/22 (2006.01)**
[25] EN
[54] **CATALYST FILLING APPARATUS OF BUBBLE COLUMN SLURRY BED REACTOR AND CATALYST FILLING METHOD OF BUBBLE COLUMN SLURRY BED REACTOR**
[54] **DISPOSITIF DE GARNISSAGE DE CATALYSEUR D'UN REACTEUR A LIT A BOUILLIE DE TYPE TOUR DE FRACTIONNEMENT A CALOTTES ET PROCEDE DE GARNISSAGE DE CATALYSEUR D'UN REACTEUR A LIT A BOUILLIE DE TYPE TOUR DE FRACTIONNEMENT A CALOTTES**
[72] TASAKA, KAZUHIKO, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
[85] 2014-09-19
[86] 2013-03-27 (PCT/JP2013/058926)
[87] (WO2013/146849)
[30] JP (2012-074758) 2012-03-28

[11] **2,867,990**
[13] C

[51] **Int.Cl. C10G 2/00 (2006.01)**
[25] EN
[54] **START-UP METHOD OF BUBBLE COLUMN SLURRY BED REACTOR**
[54] **PROCEDE DE DEMARRAGE D'UN REACTEUR A LIT A BOUILLIE DE TYPE TOUR DE FRACTIONNEMENT A CALOTTES**
[72] TASAKA, KAZUHIKO, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
[85] 2014-09-19
[86] 2013-03-27 (PCT/JP2013/058936)
[87] (WO2013/146854)
[30] JP (2012-074757) 2012-03-28

[11] **2,869,312**
[13] C

[51] **Int.Cl. E21B 36/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR HEATING A HYDROCARBON RESOURCE IN A SUBTERRANEAN FORMATION INCLUDING A TRANSFORMER AND RELATED METHODS**
[54] **SYSTEME DE CHAUFFAGE, COMPRENANT UN TRANSFORMATEUR, D'UNE SOURCE D'HYDROCARBURES SITUEE AU SEIN D'UNE FORMATION SOUTERRAINE ET PROCEDES ASSOCIES**
[72] PARSCHE, FRANCIS, US
[73] HARRIS CORPORATION, US
[85] 2014-10-01
[86] 2013-04-22 (PCT/US2013/037508)
[87] (WO2013/163052)
[30] US (13/456,797) 2012-04-26

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[11] **2,869,778**
[13] C

[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/28 (2006.01) G01V 1/42 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING SEISMIC PULSES TO MAP SUBTERRANEAN FRACTURES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE GENERER DES EVENEMENTS SISMIQUES POUR CARTOGRAPHIER DES FRACTURES SOUTERRAINES**
[72] ERSOZ, HALUK V., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-06
[86] 2012-04-10 (PCT/US2012/032882)
[87] (WO2013/154537)

[11] **2,869,814**
[13] C

[51] **Int.Cl. C08K 3/00 (2006.01) C08K 3/26 (2006.01) C08L 23/08 (2006.01) C08L 83/04 (2006.01) H01B 7/295 (2006.01)**
[25] EN
[54] **FLAME RETARDANT POLYMER COMPOSITION**
[54] **COMPOSITION DE POLYMERE RETARDATRICE D'INFLAMMATION**
[72] ANDREASSON, URBAN, SE
[72] UEMATSU, TAKASHI, SE
[72] SULTAN, BERNT-AKE, SE
[72] ANKER, MARTIN, SE
[72] PRIETO, OSCAR, SE
[73] BOREALIS AG, AT
[85] 2014-10-07
[86] 2013-04-29 (PCT/EP2013/001278)
[87] (WO2013/159942)
[30] EP (12002996.2) 2012-04-27

[11] **2,872,106**
[13] C

[51] **Int.Cl. G01F 25/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC FLOW RATE MEASUREMENT SYSTEM AND CALIBRATOR THEREFOR**
[54] **SYSTEME ELECTROMAGNETIQUE DE MESURE DU DEBIT ET DISPOSITIF D'ETALONNAGE CONNEXE**
[72] ASADA, TAKATOSHI, JP
[72] KITTAKA, DAIGO, JP
[72] OYAMATSU, YASUKO, JP
[72] KOMAI, MASAFUMI, JP
[72] OOTA, HIROYUKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[86] (2872106)
[87] (2872106)
[22] 2011-08-29
[62] 2,750,990
[30] JP (2010-192718) 2010-08-30

[11] **2,872,574**
[13] C

[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/0255 (2006.01)**
[25] EN
[54] **METHOD FOR USING A PULSE OXIMETRY SIGNAL TO MONITOR BLOOD PRESSURE**
[54] **PROCEDE D'UTILISATION D'UN SIGNAL D'OXYMETRIE DE POUFS POUR SURVEILLER UNE PRESSION SANGUINE**
[72] CURTIS, GUY P., US
[73] THE GUY P. CURTIS AND FRANCES L. CURTIS TRUST, US
[85] 2014-11-03
[86] 2013-04-26 (PCT/US2013/038363)
[87] (WO2013/165836)
[30] US (13/464,732) 2012-05-04

[11] **2,873,217**
[13] C

[51] **Int.Cl. H01M 8/2483 (2016.01) H01M 8/04 (2016.01)**
[25] EN
[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] (2873217)
[87] (2873217)
[22] 2003-04-11
[62] 2,755,239
[30] US (10/122,137) 2002-04-15

[11] **2,874,597**
[13] C

[51] **Int.Cl. C12P 19/04 (2006.01) C08B 37/08 (2006.01) C12N 1/14 (2006.01)**
[25] EN
[54] **METHOD FOR CHITOSAN PRODUCTION**
[54] **PROCEDE DE PRODUCTION DE CHITOSANE**
[72] BROWN, DAVID, CA
[73] MYCODEV GROUP INC., CA
[86] (2874597)
[87] (2874597)
[22] 2014-12-12
[30] US (61/915,845) 2013-12-13

[11] **2,875,576**
[13] C

[51] **Int.Cl. H04L 12/803 (2013.01) H04L 12/863 (2013.01) H04L 12/26 (2006.01) H04L 12/58 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **EMAIL USING QUEUES IN NON-PERSISTENT MEMORY**
[54] **COURRIER ELECTRONIQUE UTILISANT DES FILES D'ATTENTE DANS UNE MEMOIRE NON PERSISTANTE**
[72] ADDANTE, FRANK, US
[72] MCQUILLEN, TIM, US
[73] STRONGVIEW SYSTEMS, INC., US
[86] (2875576)
[87] (2875576)
[22] 2004-02-11
[62] 2,516,502
[30] US (60/449,301) 2003-02-20

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[11] **2,877,593**
[13] C

[51] **Int.Cl. C08L 3/02 (2006.01) C04B 26/06 (2006.01) C04B 26/28 (2006.01) C08L 33/08 (2006.01)**

[25] EN

[54] **FORMALDEHYDE-FREE BINDER AND USE FOR MINERAL WOOL INSULATION PRODUCTS**

[54] **LIANT EXEMPT DE FORMALDEHYDE ET SON UTILISATION AU SEIN DE PRODUITS D'ISOLATION A BASE DE LAINE MINERALE**

[72] CASTRO-CABADO, MARIA MERCEDES, ES

[72] CASADO DOMINGUEZ, ARTURO LUIS, ES

[72] AZNAR ECIJA, ANA ISABEL, ES

[72] PI MACIAS, MARC, ES

[72] MOLINERO ARENAS, ALEJANDRO, ES

[73] URSA INSULATION S.A., ES

[85] 2014-12-22

[86] 2013-06-28 (PCT/EP2013/063660)

[87] (WO2014/001518)

[30] EP (12174362.9) 2012-06-29

[11] **2,881,517**
[13] C

[51] **Int.Cl. D01F 8/14 (2006.01)**

[25] EN

[54] **WATER-DISINTEGRABLE COMPOSITE FIBER AND METHOD FOR PRODUCING THE SAME**

[54] **FIBRE COMPOSITE DESINTEGRABLE DANS L'EAU ET PROCEDE DE PRODUCTION DE CELLE-CI**

[72] TAKAHASHI, TAKEO, JP

[72] CHIBA, YUKITOSHI, JP

[72] YAMAZAKI, MASAHIRO, JP

[72] SATO, HIROYUKI, JP

[73] KUREHA CORPORATION, JP

[85] 2015-02-09

[86] 2013-09-12 (PCT/JP2013/074730)

[87] (WO2014/042222)

[30] JP (2012-203035) 2012-09-14

[11] **2,882,935**
[13] C

[51] **Int.Cl. F16H 35/10 (2006.01) F16H 48/34 (2012.01) B64C 13/50 (2006.01) F16H 57/10 (2006.01)**

[25] EN

[54] **AN ELECTROMECHANICAL ACTUATOR WITH ANTI-BLOCKING MEANS**

[54] **VERIN ELECTROMECHANIQUE AVEC DES MOYENS ANTIBLOCAGE**

[72] RAVOUX, NICOLAS, FR

[72] VALLEE, BENJAMIN, FR

[73] SAGEM DEFENSE SECURITE, FR

[85] 2015-02-24

[86] 2013-09-13 (PCT/EP2013/069067)

[87] (WO2014/041143)

[30] US (61/701,391) 2012-09-14

[11] **2,883,921**
[13] C

[51] **Int.Cl. H04W 4/02 (2009.01)**

[25] EN

[54] **GENERATING GEOFENCES**

[54] **GENERATION DE PERIMETRES VIRTUELS**

[72] HENDERSON, WILLIAM, US

[73] SQUARE, INC., US

[85] 2015-03-03

[86] 2013-09-05 (PCT/US2013/058251)

[87] (WO2014/039672)

[30] US (13/605,464) 2012-09-06

[11] **2,887,596**
[13] C

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/12 (2009.01) G06Q 30/02 (2012.01) H04L 12/28 (2006.01)**

[25] EN

[54] **USER CONTENT SHARING SYSTEM AND METHOD WITH AUTOMATED EXTERNAL CONTENT INTEGRATION**

[54] **SYSTEME DE PARTAGE DE CONTENU UTILISATEUR ET METHODE D'INTEGRATION DE CONTENU AUTOMATISEE EXTERNE**

[72] LALIBERTE, BENOIT, CA

[73] INVESTEL CAPITAL CORPORATION, CA

[85] 2015-05-01

[86] 2014-12-30 (PCT/CA2014/051268)

[87] (2887596)

[30] US (61/923,315) 2014-01-03

[30] CA (2,863,124) 2014-09-10

[11] **2,889,492**
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **SELF-CONTAINED ASSAY DEVICE**

[54] **DISPOSITIF DE TEST AUTONOME**

[72] WILSON, PETE, US

[72] BUTT, ERIC, US

[72] MATA, VINCENT, US

[73] PALMSTAT DIAGNOSTICS, LLC, US

[85] 2015-04-23

[86] 2013-11-08 (PCT/US2013/069053)

[87] (WO2014/074773)

[30] US (13/673,541) 2012-11-09

[11] **2,889,639**
[13] C

[51] **Int.Cl. G07B 15/06 (2011.01) G08G 1/04 (2006.01)**

[25] EN

[54] **DEVICE FOR TOLLING OR TELEMATICS SYSTEMS**

[54] **DISPOSITIF POUR SYSTEMES TELEMATIQUES OU DE PEAGE**

[72] CARLSSON, CARL-OLOV, SE

[73] KAPSCH TRAFFICOM AB, SE

[85] 2015-04-27

[86] 2013-11-19 (PCT/EP2013/074156)

[87] (WO2014/076300)

[30] EP (12193179.4) 2012-11-19

[11] **2,893,009**
[13] C

[51] **Int.Cl. E21B 47/024 (2006.01) E21B 7/04 (2006.01) E21B 44/00 (2006.01) E21B 47/022 (2012.01)**

[25] EN

[54] **BACK UP DIRECTIONAL AND INCLINATION SENSORS AND METHOD OF OPERATING SAME**

[54] **CAPTEURS AUXILIAIRES DE DIRECTION ET D'INCLINAISON ET LEUR PROCEDE DE FONCTIONNEMENT**

[72] KAZEMI MIRAKI, MOJTABA, CA

[72] LIU, JILI, CA

[72] LOGAN, AARON W., CA

[72] SWITZER, DAVID A., CA

[73] EVOLUTION ENGINEERING INC., CA

[85] 2015-05-28

[86] 2013-12-06 (PCT/CA2013/050942)

[87] (WO2014/085935)

[30] US (61/734,784) 2012-12-07

[30] US (61/817,527) 2013-04-30

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[11] **2,893,411**
[13] C

[51] **Int.Cl. A01J 5/017 (2006.01) A01J 5/007 (2006.01) A01J 7/00 (2006.01) B25J 17/02 (2006.01) B25J 18/00 (2006.01)**

[25] EN

[54] **MILKING SYSTEM WITH FIRST AND SECOND SORTING REGIONS**

[54] **PROCEDE LAITIER COMPORTANT UNE PREMIERE ET UNE DEUXIEME REGIONS DE TRI**

[72] HOFMAN, HENK, NL

[72] VAN DER SLUIS, PETER WILLEM, NL

[72] GROENSMA, YPE, NL

[73] TECHNOLOGIES HOLDINGS CORP., US

[86] (2893411)

[87] (2893411)

[22] 2012-04-27

[62] 2,868,647

[30] US (13/095,983) 2011-04-28

[30] US (13/454,490) 2012-04-24

[30] US (13/454,833) 2012-04-24

[30] US (13/454,876) 2012-04-24

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[30] US (13/454,716) 2012-04-24

[30] US (13/454,913) 2012-04-24

[11] **2,893,705**
[13] C

[51] **Int.Cl. C25D 3/56 (2006.01) C25D 5/10 (2006.01) C25D 5/48 (2006.01) C25D 5/14 (2006.01)**

[25] EN

[54] **PROCESS FOR CORROSION PROTECTION OF IRON CONTAINING MATERIALS**

[54] **PROCEDE POUR LA PROTECTION CONTRE LA CORROSION DE MATERIAUX CONTENANT DU FER**

[72] DINGWERTH, BJORN, DE

[72] KRUGER, MIKE, DE

[73] ATOTECH DEUTSCHLAND GMBH, DE

[85] 2015-06-03

[86] 2014-01-07 (PCT/EP2014/050159)

[87] (WO2014/154366)

[30] EP (13161011.5) 2013-03-26

[11] **2,894,412**
[13] C

[51] **Int.Cl. G01D 5/04 (2006.01)**

[25] FR

[54] **DEVICE FOR DETECTING AN ANGULAR TRAVEL OF A VEHICLE CONTROL MEMBER**

[54] **DISPOSITIF DE DETECTION D'UN DEPLACEMENT ANGULAIRE D'UN ORGANE DE COMMANDE D'UN VEHICULE**

[72] POINTEL, GUILLAUME, FR

[73] SAGEM DEFENSE SECURITE, FR

[85] 2015-06-08

[86] 2013-12-13 (PCT/EP2013/076532)

[87] (WO2014/095627)

[30] FR (1262318) 2012-12-19

[11] **2,899,348**
[13] C

[51] **Int.Cl. G01N 33/24 (2006.01) C10G 1/04 (2006.01) G01N 21/31 (2006.01) G01N 21/71 (2006.01) G01N 23/222 (2006.01) G01N 23/223 (2006.01)**

[25] EN

[54] **PROCESSING OIL SAND STREAMS**

[54] **TRAITEMENT DES FLUX DE SABLES BITUMINEUX**

[72] MARR, MICHAEL A., CA

[72] LIU, YIJUN, US

[72] MCMULLAN, JASON M., US

[72] RENNARD, DAVID C., CA

[73] IMPERIAL OIL RESOURCES LIMITED, CA

[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[86] (2899348)

[87] (2899348)

[22] 2015-08-04

[11] **2,901,565**
[13] C

[51] **Int.Cl. D05B 19/02 (2006.01)**

[25] EN

[54] **SYSTEMS, METHODS AND APPARATUS FOR EMBROIDERY THREAD COLOR MANAGEMENT**

[54] **SYSTEMES, PROCEDES ET APPAREILS DE GESTION DE LA COULEUR D'UN FIL DE BRODERIE**

[72] GOLDMAN, DAVID A., US

[72] PATEL, NIRAV B., US

[73] CIMPRESS SCHWEIZ GMBH, BM

[86] (2901565)

[87] (2901565)

[22] 2009-01-14

[62] 2,711,917

[30] US (61/020,941) 2008-01-14

[11] **2,905,584**
[13] C

[51] **Int.Cl. H01M 8/04537 (2016.01) H01M 8/04858 (2016.01) G01R 27/02 (2006.01)**

[25] EN

[54] **IMPEDANCE MEASURING DEVICE AND CONTROL METHOD FOR IMPEDANCE MEASURING DEVICE**

[54] **DISPOSITIF DE MESURE D'IMPEDANCE ET PROCEDE DE COMMANDE POUR DISPOSITIF DE MESURE D'IMPEDANCE**

[72] SAKAI, MASANOBU, JP

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

[85] 2015-09-11

[86] 2014-01-23 (PCT/JP2014/051373)

[87] (WO2014/141752)

[30] JP (2013-049416) 2013-03-12

[11] **2,908,167**
[13] C

[51] **Int.Cl. A01B 59/06 (2006.01) A01B 71/06 (2006.01)**

[25] EN

[54] **COUPLING PART**

[54] **PIECE D'ATTELAGE**

[72] SCHARMULLER, JOSEF, AT

[72] SCHARMULLER, JOSEF JUN, AT

[73] SCHARMULLER, JOSEF, AT

[73] SCHARMULLER, JOSEF JUN, AT

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[86] 2014-03-25 (PCT/AT2014/000051)

[87] (WO2014/153577)

[30] AT (A 228/2013) 2013-03-25

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[51] **Int.Cl. G08B 13/196 (2006.01) H04N 5/30 (2006.01) H04N 7/18 (2006.01) H05K 7/20 (2006.01)**

[25] EN

[54] **SECURITY CAMERA HAVING A CABLE ASSEMBLY WITH AN INTEGRATED PROCESSING MODULE**

[54] **CAMERA DE SECURITE COMPRENANT UN ENSEMBLE CABLE POURVU D'UN MODULE DE TRAITEMENT INTEGRE**

[72] NEUFELD, MICHAEL, CA

[72] MOHAN, SUDEEP, CA

[73] AVIGILON CORPORATION, CA

[85] 2015-10-23

[86] 2013-04-30 (PCT/CA2013/050334)

[87] (WO2014/176659)

[11] **2,911,318**

[13] C

[51] **Int.Cl. G01N 21/25 (2006.01) G01N 33/49 (2006.01)**

[25] EN

[54] **JOINT SPECTROSCOPIC AND BIOSENSOR SYSTEM FOR POINT-OF-CARE TESTING**

[54] **MECANISME CONJOINT DE SPECTROSCOPIE ET BIODETECTION DESTINE AU TEST AU POINT DE SOIN**

[72] SAMSOONDAR, JAMES, CA

[73] CHROMEDX CORP., CA

[85] 2015-11-05

[86] 2015-05-20 (PCT/CA2015/050455)

[87] (2911318)

[30] US (62/006,066) 2014-05-31

[30] US (62/114,700) 2015-02-11

[11] **2,910,941**

[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/30 (2012.01) G06F 17/00 (2006.01)**

[25] EN

[54] **FILTERING SUGGESTED STRUCTURED QUERIES ON ONLINE SOCIAL NETWORKS**

[54] **FILTRAGE DE REQUETES STRUCTUREES SUGGEREES SUR DES RESEAUX SOCIAUX EN LIGNE**

[72] LI, XIAO, US

[73] FACEBOOK, INC., US

[73] FACEBOOK, INC., US

[85] 2015-10-29

[86] 2014-05-05 (PCT/US2014/036772)

[87] (WO2014/182608)

[30] US (13/890,070) 2013-05-08

[11] **2,913,440**

[13] C

[51] **Int.Cl. A01J 5/00 (2006.01) A01J 5/017 (2006.01) B25J 9/18 (2006.01) B25J 19/00 (2006.01) H04N 7/18 (2006.01)**

[25] EN

[54] **METHOD OF RETRIEVING AND ATTACHING TEAT CUPS TO DAIRY LIVESTOCK**

[54] **METHODE D'EXTRACTION ET DE FIXATION DE GOBELETS TRAYEURS SUR DES ANIMAUX LAITIERS**

[72] HOFMAN, HENK, NL

[72] DE RUIJTER, COR, NL

[72] KOEKOEK, MENNO, NL

[72] VAN DER SLUIS, PETER WILLEM, NL

[73] TECHNOLOGIES HOLDINGS CORP., US

[86] (2913440)

[87] (2913440)

[22] 2012-04-27

[62] 2,891,987

[30] US (13/095,983) 2011-04-28

[30] US (13/448,993) 2012-04-17

[30] US (13/449,056) 2012-04-17

[30] US (13/448,951) 2012-04-17

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[30] US (13/449,173) 2012-04-17

[30] US (13/448,882) 2012-04-17

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[13] A1
[51] **Int.Cl. F16L 55/02 (2006.01) F15D
1/02 (2006.01) F16K 47/14 (2006.01)**
[25] EN
[54] **ANTI-CAVITATION DEVICE**
[54] **DISPOSITIF ANTI CAVITATION**
[72] NADEEM, MAHMOUD SHAKER, CA
[71] NADEEM, MAHMOUD SHAKER, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,754**
[13] A1
[51] **Int.Cl. A61B 5/08 (2006.01) A61B
5/0295 (2006.01)**
[25] EN
[54] **LOW-POWER RESPIRATORY
INDUCTANCE
PLETHYSMOGRAPHY DEVICE,
INTELLIGENT GARMENTS OR
WEARABLE ITEMS EQUIPPED
THEREWITH AND A METHOD
FOR RESPIRATORY ACTIVITY
ANALYSIS**
[54] **DISPOSITIF DE
PLETHYSMOGRAPHIE PAR
INDUCTANCE RESPIRATOIRE
FAIBLE PUISSANCE,
VETEMENTS INTELLIGENTS OU
ARTICLES A PORTER EQUIPES
DUDIT DISPOSITIF ET UNE
METHODE D'ANALYSE DE
L'ACTIVITE RESPIRATOIRE**
[72] CORRIVEAU, ROBERT, CA
[72] DUBEAU, SIMON, CA
[72] GAGNE-TURCOTTE, ANTOINE, CA
[72] KHOUYA, DAVID, CA
[72] FOURNIER, PIERRE-ALEXANDRE,
CA
[72] ROBILLARD, CHARLES, CA
[72] ROY, JEAN-FRANCOIS, CA
[71] CARRE TECHNOLOGIES INC., CA
[22] 2014-12-02
[41] 2016-06-02

[21] **2,872,756**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) H04N
21/234 (2011.01) H04N 21/27
(2011.01) H04N 7/18 (2006.01)**
[25] EN
[54] **AN INTEGRATED ONLINE
SHOPPING HARDWARE +
SOFTWARE PLATFORM/SYSTEM
USING A COMBINATION OF
REALTIME STREAMING VIDEO
AND E-COMMERCE +**
[54] **UN MATERIEL D'ACHAT EN
LIGNE INTEGRE ET UNE
PLATEFORME/SYSTEME
LOGICIEL EMPLOYANT UNE
COMBINAISON DE VIDEO A
DIFFUSION EN TEMPS REEL ET
DE COMMERCE ELECTRONIQUE**
[72] WAQAR, KHAN W. K., CA
[71] WAQAR, KHAN W. K., CA
[22] 2014-12-02
[41] 2016-06-02

[21] **2,872,778**
[13] A1
[51] **Int.Cl. E04F 13/07 (2006.01)**
[25] EN
[54] **SUPPORT BRACKET ASSEMBLY
AND METHOD**
[54] **APPAREILLAGE DE SUPPORT DE
SOUTIEN ET METHODE**
[72] HATZINIKOLAS, MICHAEL, CA
[71] HATZINIKOLAS, MICHAEL, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,780**
[13] A1
[51] **Int.Cl. E04F 13/22 (2006.01) E04F
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[25] EN
[54] **SUPPORT BRACKET APPARATUS**
[54] **APPAREILLAGE DE SUPPORT DE
SOUTIEN**
[72] HATZINIKOLAS, MICHAEL, CA
[71] HATZINIKOLAS, MICHAEL, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,783**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G01W
1/00 (2006.01) G08B 21/12 (2006.01)**
[25] EN
[54] **GAS EMISSION DETECTION
DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF DE DETECTION
D'EMISSION DE GAZ, SYSTEME
ET METHODE**
[72] RISK, DAVID ANDREW, CA
[72] BROOKS, BJORN-GUSTAF JAMES,
US
[72] LAVOIE, MARTIN, CA
[71] ST. FRANCIS XAVIER
UNIVERSITY, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,834**
[13] A1
[51] **Int.Cl. B28B 23/00 (2006.01)**
[25] FR
[54] **PREFABRICATED CONCRETE
SLAB FLOOR MADE OF A
COMPOSITE OF CONCRETE AND
WOOD**
[54] **DALLE DE PLANCHER DE BETON
PREFABRIQUEE FAIT DE
COMPOSITE DE BETON ET DE
BOIS**
[72] LONGPRE, PIERRE, CA
[72] LONGPRE, OLIVIER, CA
[71] LONGPRE, PIERRE, CA
[71] LONGPRE, OLIVIER, CA
[22] 2014-12-01
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[21] **2,872,837**
[13] A1

[51] **Int.Cl. B25B 23/142 (2006.01) B25B 13/46 (2006.01) B25B 13/48 (2006.01)**
[25] EN
[54] **TORQUE LIMITING FILTER WRENCH**
[54] **CLE POUR FILTRE A LIMITATION DE COUPLE**
[72] MARKIEWICZ, BARTOSZ, CA
[72] UNKNOWN, ZZ
[71] MARKIEWICZ, BARTOSZ, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,842**
[13] A1

[51] **Int.Cl. A47G 23/16 (2006.01) A47G 19/22 (2006.01) G01F 19/00 (2006.01)**
[25] EN
[54] **SHOT GLASS ASSEMBLY**
[54] **ENSEMBLE DE VERRE DE MESURE D'ALCOOL**
[72] ZWARYCH, RICHARD, CA
[72] ZWARYCH, PATRICK, CA
[71] ZWARYCH, RICHARD, CA
[71] ZWARYCH, PATRICK, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,844**
[13] A1

[51] **Int.Cl. A41H 3/00 (2006.01) A41H 1/00 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING CLOTHING SIZES**
[54] **METHODE DE DETERMINATION DE TAILLE DE VETEMENTS**
[72] SINCLAIR, JEFF, CA
[72] MAXWELL, BRENDEN, CA
[72] DICK, TRAVIS, CA
[71] FITSEE ONLINE INC., CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,863**
[13] A1

[51] **Int.Cl. A23L 29/206 (2016.01) A23J 3/30 (2006.01) A23J 3/34 (2006.01) C08J 3/075 (2006.01) C08L 5/00 (2006.01) C08L 89/00 (2006.01)**
[25] EN
[54] **OAT PROTEIN GELS**
[54] **GELS DE PROTEINE D'AVOINE**
[72] CHEN, LINGYUN, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,872,982**
[13] A1

[51] **Int.Cl. B65D 19/00 (2006.01) B66F 9/18 (2006.01)**
[25] EN
[54] **COLLAPSIBLE BIN RUNNER REPLACEMENT**
[54] **REPLACEMENT DE DISPOSITIF DE DEPLACEMENT DE BAC ECRASABLE**
[72] BACHA, MICHAEL, CA
[71] BACHA, MICHAEL, CA
[22] 2014-12-03
[41] 2016-06-03

[21] **2,873,013**
[13] A1

[51] **Int.Cl. B65D 90/02 (2006.01) B65D 88/22 (2006.01)**
[25] EN
[54] **A STRUCTURAL PANEL FOR A DOUBLE WALL STORAGE TANK**
[54] **UN PANNEAU STRUCTUREL DESTINE A UN RESERVOIR DE STOCKAGE A DOUBLE PAROI**
[72] LIU, ZONGYUE, CN
[72] ZHENG, ZHEN WEI, CN
[71] CHEMPOSITE-ZHNOGSHAN FRP LTD., CN
[22] 2014-12-03
[41] 2016-06-03

[21] **2,873,150**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04H 60/45 (2009.01) H04N 21/4415 (2011.01) H04N 21/8358 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTHORIZING A USER DEVICE**
[54] **METHODE ET SYSTEME D'AUTORISATION D'UN DISPOSITIF UTILISATEUR**
[72] VITALIS, LAURENT, CA
[72] COTE, PHILIPPE, CA
[71] STINGRAY DIGITAL GROUP INC., CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,873,173**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/52 (2014.01)**
[25] EN
[54] **ENHANCED GAMING MACHINE WITH THREE DIMENSIONAL GAME SPACE**
[54] **MACHINE DE JEU AMELIOREE DOTE E D'UN ESPACE DE JEU EN TROIS DIMENSIONS**
[72] LEBLANC, VICKY, CA
[72] DUPUIS, REUBEN, CA
[71] GTECH CANADA ULC, CA
[22] 2014-12-03
[41] 2016-06-03

[21] **2,873,209**
[13] A1

[51] **Int.Cl. F04B 47/02 (2006.01)**
[25] EN
[54] **RECIPROCATING PUMP DRIVE ASSEMBLY**
[54] **DISPOSITIF D'ENTRAINEMENT DE POMPE ALTERNATIVE**
[72] CHRISTENSEN, COREY, CA
[71] AMIK OILFIELD EQUIPMENT AND RENTALS LTD., CA
[22] 2014-12-04
[41] 2016-06-04

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[21] **2,873,269**
[13] A1

[51] **Int.Cl. C02F 3/28 (2006.01) C02F 1/42 (2006.01)**
[25] EN
[54] **ANAEROBIC SUSPENDED GROWTH BIOLOGICAL WATER TREATMENT OF CONTAMINATED WATER**
[54] **TRAITEMENT D'EAU A CROISSANCE BIOLOGIQUE SUSPENDUE ANAEROBIE DESTINE A L'EAU CONTAMINEE**
[72] THOMPSON, BRUCE M., US
[72] YOUNAN, JEAN-CLAUDE YACOB, US
[72] CHWIRKA, JOSEPH D., US
[71] PJR ENVIRONMENTAL, LLC, US
[22] 2014-12-03
[41] 2016-06-03

[21] **2,873,294**
[13] A1

[51] **Int.Cl. G08C 17/04 (2006.01) H05B 37/02 (2006.01) H05K 9/00 (2006.01) H01F 7/02 (2006.01) H01F 7/06 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE MAGNETIC COUPLING FOR DEVICES**
[54] **RACCORDEMENT MAGNETIQUE INTERCHANGEABLE POUR DISPOSITIFS**
[72] DAIGNEAULT, BENOIT, CH
[71] XMI SYSTEMS S.A., CH
[22] 2014-12-02
[41] 2016-06-02

[21] **2,873,338**
[13] A1

[51] **Int.Cl. A01K 23/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **PET WASTE HOLDER**
[54] **DISPOSITIF DE CONFINEMENT DE DEJECTIONS D'ANIMAL DE COMPAGNIE**
[72] GOLDSMAN, BRYAN B. G., CA
[71] GOLDSMAN, BRYAN B. G., CA
[22] 2014-12-04
[41] 2016-06-04

[21] **2,873,453**
[13] A1

[51] **Int.Cl. C02F 1/66 (2006.01) C01B 33/14 (2006.01)**
[25] EN
[54] **ZERO LIQUID DISCHARGE METHOD FOR HIGH SILICA SOLUTIONS**
[54] **PROCEDE SANS PRODUCTION DE REJET LIQUIDE POUR DES SOLUTIONS A TENEUR ELEVEE EN SILICE**
[72] RICHARDSON, JOHN, US
[71] CHEMTREAT, INC., US
[22] 2014-12-02
[41] 2016-06-02

[21] **2,873,479**
[13] A1

[51] **Int.Cl. G02B 27/22 (2006.01) G02B 27/18 (2006.01) G02F 1/13 (2006.01) H04N 13/04 (2006.01)**
[25] EN
[54] **SIMULATED 3D PROJECTION APPARATUS**
[54] **APPAREIL DE PROJECTION 3D SIMULEE**
[72] DUFFY, JOHN PAUL, CA
[71] DUFFY, JOHN PAUL, CA
[22] 2014-12-04
[41] 2016-06-04

[21] **2,873,482**
[13] A1

[51] **Int.Cl. G09F 13/00 (2006.01) F21S 10/06 (2006.01)**
[25] EN
[54] **FLASHING HAND HELD TRAFFIC SIGN**
[54] **PANNEAU DE SIGNALISATION A MAIN CLIGNOTANT**
[72] DIETTERLE, BENNIE, CA
[71] DIETTERLE, BENNIE, CA
[22] 2014-12-29
[41] 2016-06-03
[30] CA (1) 2014-12-03

[21] **2,873,507**
[13] A1

[51] **Int.Cl. A01M 29/00 (2011.01)**
[25] EN
[54] **CROW-STOPPER**
[54] **BLOQUEUR DE CORBEAU**
[72] FRALICK, KEVIN, CA
[71] FRALICK, KEVIN, CA
[22] 2014-12-01
[41] 2016-06-01

[21] **2,873,528**
[13] A1

[51] **Int.Cl. B03B 5/26 (2006.01) B01D 21/26 (2006.01)**
[25] EN
[54] **VORTEX-INDUCING SLUICE BOX**
[54] **SLUICE INDUISANT UN TOURBILLON**
[72] BOWLBY, KIMBERLY, CA
[71] HINES, DAVID, CA
[22] 2014-12-04
[41] 2016-06-04

[21] **2,873,577**
[13] A1

[51] **Int.Cl. B65D 25/14 (2006.01)**
[25] EN
[54] **PLASTIC CONTAINER WITH STAINLESS STEEL LINER**
[54] **CONTENANT DE PLASTIQUE EQUIPE D'UN REVETEMENT INTERIEUR EN ACIER INOXYDABLE**
[72] DUMONT, FRANCIS, CA
[72] PATRY, SYLVAIN, CA
[71] DUMONT, FRANCIS, CA
[71] PATRY, SYLVAIN, CA
[22] 2014-12-03
[41] 2016-06-03

[21] **2,874,129**
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/927 (2013.01) H04L 12/14 (2006.01)**
[25] EN
[54] **HOST OPTIMIZATION FOR NETWORK ACCESSIBLE SOFTWARE**
[54] **OPTIMISATION D'HOTE POUR LOGICIEL ACCESSIBLE PAR RESEAU**
[72] LEEMET, JAAN, US
[72] SALDANA, ANGELA, US
[72] DEBENEDICTIS, CHRISTOPHER J., US
[72] SCHMIDT, PAUL, US
[72] SUBBLOIE, ALBERT R., JR., US
[71] TANGOE, INC., US
[22] 2014-12-10
[41] 2016-06-04
[30] US (14/560,201) 2014-12-04

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[21] **2,881,186**
[13] A1

[51] **Int.Cl. E02F 3/40 (2006.01) E02F 3/14 (2006.01) E02F 3/60 (2006.01)**

[25] EN

[54] **ROLLED AND FOLDED LIP AND MANUFACTURING METHOD THEREOF**

[54] **LEVRE ROULEE ET PLIEE ET METHODE DE FABRICATION ASSOCIEE**

[72] ZAMORANO JONES, CLAUDIO, CL
[72] VERA TORRES, BERNARDO, CL
[72] VIDAL PIESSET, JEAN-PIERRE, CL
[71] MINETEC S.A., CL

[22] 2015-02-05
[41] 2016-06-02
[30] CL (CL 3295-2014) 2014-12-02

[21] **2,885,459**
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 23/00 (2006.01)**

[25] EN

[54] **VALVE WITH PUMP ROTOR PASSAGE FOR USE IN DOWNHOLE PRODUCTION STRINGS**

[54] **SOUPAPE DE PASSAGE DE ROTOR DE POMPE DESTINEE AUX COLONNES DE PRODUCTION DE FOND DE TROU**

[72] OSBORNE, LAWRENCE, US
[71] OSBORNE, LAWRENCE, US

[22] 2015-03-20
[41] 2016-05-30
[30] US (62/085,633) 2014-11-30
[30] US (14/634,598) 2015-02-27

[21] **2,887,428**
[13] A1

[51] **Int.Cl. H04L 12/725 (2013.01) H04L 12/751 (2013.01)**

[25] EN

[54] **A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR SECURE PATH SELECTION USING NETWORK RATING**

[54] **UN SYSTEME INFORMATISE ET UNE METHODE PERMETTANT DE SECURISER LA SELECTION D-UN PARCOURS AU MOYEN D-UNE COTE DE RESEAU**

[72] DAS, SHATADRU, IN
[72] VIJAYARANGAN, NATARAJAN, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN

[22] 2015-04-07
[41] 2016-06-01
[30] IN (3837/MUM/2014) 2014-12-01

[21] **2,889,430**
[13] A1

[51] **Int.Cl. C09K 15/32 (2006.01) C05C 9/00 (2006.01) C05G 3/00 (2006.01) C05G 3/08 (2006.01) C05G 5/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR REDUCING NITROGEN VOLATILIZATION OF UREA FERTILIZERS**

[54] **COMPOSITIONS ET METHODES DE REDUCTION DE LA VOLATILISATION DE L'AZOTE DES FERTILISANTS A L'UREE**

[72] WALIWITIYA, RANIL, CA
[71] ACTIVE AGRIPRODUCTS INC., CA

[22] 2015-04-27
[41] 2016-06-04
[30] US (62/087618) 2014-12-04

[21] **2,892,401**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/12 (2011.01) C12Q 1/02 (2006.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01) G01N 33/577 (2006.01)**

[25] EN

[54] **METHOD OF PREDICTING ANIMAL LITTER SIZE USING PROTEIN BIOMARKERS RELATED WITH FERTILITY, AND METHOD OF PREDICTING ANIMAL SPERM QUALITY AND LITTER SIZE USING CHLORTETRACYCLINE STAINING**

[54] **METHODE DE PREDICTION DE LA TAILLE DE LA PORTEE D'UN ANIMAL AU MOYEN DE BIOMARQUEURS DE PROTEINE ASSOCIES A LA FERTILITE, ET METHODE DE PREDICTION DE LA QUALITE DU SPERME ANIMAL ET DE LA TAILLE DE LA PORTEE D'UN ANIMAL AU MOYEN DE COLORATION A LA CHLORTETRACYCLINE**

[72] PANG, MYUNG-GEOL, KR
[72] KWON, WOO-SUNG, KR
[71] CHUNG ANG UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION, KR

[22] 2015-05-19
[41] 2016-06-01
[30] KR (10-2014-0169854) 2014-12-01

[21] **2,893,746**
[13] A1

[51] **Int.Cl. F02C 7/28 (2006.01) F16C 33/76 (2006.01) F16J 15/28 (2006.01) F16J 15/34 (2006.01)**

[25] EN

[54] **SEALING ASSEMBLY**

[54] **DISPOSITIF D'ETANCHEISATION**

[72] CARRIERES, ALAIN, CA
[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2015-06-03
[41] 2016-06-01
[30] US (14/556,526) 2014-12-01

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[21] **2,895,923**
[13] A1

[51] **Int.Cl. B08B 13/00 (2006.01) B64D 33/00 (2006.01) B64F 5/00 (2006.01) F02C 7/00 (2006.01)**

[25] EN

[54] **TURBINE ENGINE FLEET WASH MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DU LAVAGE DE PARC DE MOTEURS DE TURBINE**

[72] GRIFFITHS, GEORGE F., US

[72] HEGGERE, PRAHLAD R. D., US

[72] GREEN, JEFFREY A., US

[71] ROLLS-ROYCE CORPORATION, US

[22] 2015-06-30

[41] 2016-06-03

[30] US (62/087,000) 2014-12-03

[21] **2,902,687**
[13] A1

[51] **Int.Cl. B32B 3/08 (2006.01) B29C 65/48 (2006.01) B64C 1/06 (2006.01) B64C 11/20 (2006.01)**

[25] EN

[54] **COMPOSITE BLADE STRINGER EDGE PROTECTION AND VISUAL DAMAGE INDICATION**

[54] **PROTECTION DE LONGERONS EN COMPOSITE ET INDICATION VISUELLE DE DOMMAGE**

[72] KORENAGA, BRIAN H., US

[72] ALBERS, ROBERT G., US

[72] BURFORD, IAN C., US

[72] SAMPEDRO-THOMPSON, WILLIAM M., US

[72] EVANS, DAVID W., US

[71] THE BOEING COMPANY, US

[22] 2015-09-01

[41] 2016-06-04

[30] US (14/560,533) 2014-12-04

[21] **2,904,562**
[13] A1

[51] **Int.Cl. B64C 1/06 (2006.01) B64C 1/12 (2006.01) B64C 3/18 (2006.01) B64F 5/00 (2006.01)**

[25] EN

[54] **SPLICE ASSEMBLY FOR JOINING STRUCTURAL COMPONENTS**

[54] **DISPOSITIF DE JONCTION SERVANT A JOINDRE DES COMPOSANTES STRUCTURELLES**

[72] REEVES, ANDREW C., US

[71] THE BOEING COMPANY, US

[22] 2015-09-16

[41] 2016-06-02

[30] US (14/557,812) 2014-12-02

[21] **2,905,149**
[13] A1

[51] **Int.Cl. F03D 9/30 (2016.01) F03D 80/00 (2016.01) F03D 3/04 (2006.01)**

[25] EN

[54] **FLOATING WIND-POWERED STRUCTURE**

[54] **STRUCTURE FLOTTANTE ALIMENTEE PAR LE VENT**

[72] MAHFOUD, GABY, CA

[71] MAHFOUD, GABY, CA

[22] 2015-09-28

[41] 2016-06-01

[30] GB (1421296.3) 2014-12-01

[21] **2,906,246**
[13] A1

[51] **Int.Cl. F17C 6/00 (2006.01)**

[25] EN

[54] **GAS DISTRIBUTOR AND METHOD OF USE THEREOF**

[54] **DISTRIBUTEUR DE GAZ ET METHODE D'UTILISATION ASSOCIEE**

[72] RANSBARGER, WELDON LEE, US

[72] RHYNE, DAVID LEE, US

[71] CHEVRON U.S.A. INC., US

[22] 2015-09-28

[41] 2016-06-04

[30] US (14/560257) 2014-12-04

[21] **2,907,235**
[13] A1

[51] **Int.Cl. E01B 29/32 (2006.01) E01B 29/10 (2006.01) E01B 29/22 (2006.01)**

[25] EN

[54] **PLATE-HANDLING SYSTEM INSERTING PLATE FROM GAGE SIDE**

[54] **MECANISME DE TRAITEMENT DE PLAQUE A INSERTION DE PLAQUE DU COTE CAGE**

[72] IRION, ALLAN, US

[71] NORDCO INC., US

[22] 2015-10-01

[41] 2016-06-02

[30] US (62/086,272) 2014-12-02

[21] **2,907,294**
[13] A1

[51] **Int.Cl. B65B 13/02 (2006.01) B65B 13/18 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR FORMING AND APPLYING EDGE PROTECTORS**

[54] **APPAREIL ET METHODE DE FORMATION ET D'APPLICATION DE PROTECTEURS DE BORD**

[72] TERMANAS, JEFFREY D., US

[72] THOMAS, DAVID C., US

[72] CIURKOT, JANUSZ, US

[71] SIGNODE INDUSTRIAL GROUP LLC, US

[22] 2015-10-06

[41] 2016-06-01

[30] US (62/085,974) 2014-12-01

[30] US (14/863,763) 2015-09-24

[21] **2,908,596**
[13] A1

[51] **Int.Cl. A63H 19/18 (2006.01) A63H 19/16 (2006.01)**

[25] EN

[54] **CONNECTED RUNNING TOY**

[54] **JOUET MOBILE CONNECTE**

[72] TODOKORO, SHINJI, JP

[71] AGATSUMA CO., LTD., JP

[22] 2015-10-13

[41] 2016-06-03

[30] JP (2014-245056) 2014-12-03

[21] **2,909,392**
[13] A1

[51] **Int.Cl. G06Q 20/24 (2012.01) G06Q 40/02 (2012.01)**

[25] EN

[54] **APPLYING FOR A CREDIT CARD ACCOUNT ON A MOBILE DEVICE**

[54] **DEMANDE D'OUVERTURE DE COMPTE DE CARTE DE CREDIT SUR UN APPAREIL MOBILE**

[72] WALZ, JAMES, US

[72] LOWE, KAREN, US

[72] NACK, DAVID, US

[71] COMENITY LLC, US

[22] 2015-10-19

[41] 2016-06-01

[30] US (14/556842) 2014-12-01

[30] US (14/556915) 2014-12-01

Demandes canadiennes mises à la disponibilité du public
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[21] **2,909,723**
[13] A1

[51] **Int.Cl. B64D 37/00 (2006.01) B60K 15/03 (2006.01) B64D 37/02 (2006.01) B64D 37/34 (2006.01)**

[25] EN

[54] **COOLING SYSTEM FOR A CENTER WING TANK OF AN AIRCRAFT**

[54] **DISPOSITIF DE REFROIDISSEMENT D'UN RESERVOIR CENTRAL D'AILE D'UN AERONEF**

[72] MORAVEC, BRADFORD A., US

[72] GRAHAM, RODNEY N., US

[72] GRIM, ALAN, US

[72] MULVANEY, PATRICK J., US

[72] ADKINS II, DAVID A., US

[72] OLSON, ERIC C., US

[72] JOJIC, IVANA, US

[72] THORNTON, MARK M., US

[72] BELIERES, JEAN-PHILIPPE A., US

[71] THE BOEING COMPANY, US

[22] 2015-10-20

[41] 2016-06-02

[30] US (14/557,959) 2014-12-02

[21] **2,909,727**
[13] A1

[51] **Int.Cl. H04B 1/74 (2006.01) H04B 17/327 (2015.01) H04B 17/373 (2015.01) H04B 1/40 (2015.01) H04L 27/32 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR SIGNAL PROCESSING USING POWER SPECTRAL DENSITY SHAPE**

[54] **SYSTEMES ET METHODES DE TRAITEMENT DU SIGNAL AU MOYEN DE FORME DE DENSITE SPECTRALE DE PUISSANCE**

[72] RAY, GARY ALAN, US

[72] BAKER, JAMES BRYAN, US

[71] THE BOEING COMPANY, US

[22] 2015-10-20

[41] 2016-06-02

[30] US (14/557916) 2014-12-02

[21] **2,910,528**
[13] A1

[51] **Int.Cl. A01K 89/02 (2006.01)**

[25] EN

[54] **FISHING REEL HANDLE DRAG SYSTEM**

[54] **MECANISME DE TRAINEE DE POIGNEE DE MOULINET DE PECHE**

[72] HEADER, GREGORY A., US

[71] HEADER, GREGORY A., US

[22] 2015-10-30

[41] 2016-06-03

[30] US (14/559,543) 2014-12-03

[21] **2,911,030**
[13] A1

[51] **Int.Cl. B65G 65/30 (2006.01) A01C 7/00 (2006.01) B65G 67/08 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR AIR CART OPERATION**

[54] **SYSTEME ET METHODE D'EXPLOITATION D'UN CHARIOT A AIR**

[72] HENRY, JIM, CA

[71] CNH INDUSTRIAL CANADA, LTD., CA

[22] 2015-11-03

[41] 2016-06-02

[30] CA (14/557,908) 2014-12-02

[21] **2,911,108**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01)**

[25] EN

[54] **HYDROCARBON RESOURCE HEATING SYSTEM INCLUDING CHOKE FLUID DISPENSER AND RELATED METHODS**

[54] **SYSTEME DE CHAUFFAGE DE RESSOURCE D'HYDROCARBURE COMPORTANT UN DISTRIBUTEUR DE FLUIDE ETRANGLEUR ET METHODES ASSOCIEES**

[72] TRAUTMAN, MARK, US

[72] HIBNER, VERLIN, US

[72] HANN, MURRAY, US

[72] WRIGHT, BRIAN, US

[71] HARRIS CORPORATION, US

[22] 2015-11-02

[41] 2016-06-04

[30] US (14/560,039) 2014-12-04

[21] **2,911,110**
[13] A1

[51] **Int.Cl. B01D 17/04 (2006.01) B01J 19/12 (2006.01)**

[25] EN

[54] **HYDROCARBON EMULSION SEPARATOR SYSTEM AND RELATED METHODS**

[54] **SYSTEME DE SEPARATEUR D'EMULSION D'HYDROCARBURE ET METHODES ASSOCIEES**

[72] WHITNEY, RYAN, US

[72] JACKSON, RONALD, US

[72] NUGENT, KEITH, US

[72] WHITE, ARTHUR, US

[72] KOLVEK, STEPHEN J., US

[71] HARRIS CORPORATION, US

[22] 2015-11-02

[41] 2016-06-04

[30] US (14/560,079) 2014-12-04

[21] **2,911,121**
[13] A1

[51] **Int.Cl. H01H 71/10 (2006.01) H01H 3/04 (2006.01)**

[25] EN

[54] **CIRCUIT BREAKERS WITH MOVING CONTACT HAVING HEEL-TOE ACTION**

[54] **DISJONCTEURS DOTES DE CONTACT MOBILE A ACTION TALON-POINTE**

[72] MALONEY, JAMES GERARD, US

[71] EATON CORPORATION, US

[22] 2015-11-02

[41] 2016-06-03

[30] US (14/559,276) 2014-12-03

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[21] **2,911,130**
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) A01C 7/18 (2006.01)**

[25] EN

[54] **SELECTIVE FAN SHAPED MATERIAL DISTRIBUTOR**

[54] **DISTRIBUTEUR SELECTIF DE MATERIAU EN FORME D'EVENTAIL**

[72] HENRY, JAMES W., CA

[72] GERVAIS, JOEL, CA

[72] CROOYMANS, BRENNAN, CA

[72] COTE, JOSHUA, CA

[72] DENIS, JOEL, CA

[72] SCHUBA, JONATHAN, CA

[71] CNH INDUSTRIAL CANADA, LTD., CA

[22] 2015-11-04

[41] 2016-06-03

[30] US (62/086,889) 2014-12-03

[21] **2,911,131**
[13] A1

[51] **Int.Cl. B65G 65/32 (2006.01) A01C 7/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR AIR CART LOADING**

[54] **SYSTEME ET METHODE DE CHARGEMENT D'UN CHARIOT A AIR**

[72] HENRY, JIM, CA

[72] WILENIEC, MARK, CA

[71] CNH INDUSTRIAL CANADA, LTD., CA

[22] 2015-11-04

[41] 2016-06-02

[30] US (14/558,033) 2014-12-02

[21] **2,911,216**
[13] A1

[51] **Int.Cl. H01H 3/02 (2006.01) H01H 71/10 (2006.01)**

[25] EN

[54] **ELECTRICAL SWITCHING APPARATUS AND CONTACT ASSEMBLY THEREFOR**

[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE DE CONTACTS ASSOCIE**

[72] GIBSON, JEFFREY SCOTT, US

[71] EATON CORPORATION, US

[22] 2015-11-04

[41] 2016-06-03

[30] US (14/558,921) 2014-12-03

[21] **2,911,295**
[13] A1

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

[25] EN

[54] **LOAD POWER DEVICE AND SYSTEM FOR REAL-TIME EXECUTION OF HIERARCHICAL LOAD IDENTIFICATION ALGORITHMS**

[54] **DISPOSITIF D'ALIMENTATION DE CHARGE ET SYSTEME D'EXECUTION EN TEMPS REEL D'ALGORITHMES D-IDENTIFICATION DE CHARGE HIERARCHIQUE**

[72] YANG, YI, US

[72] MADANE, MAYURA ARUN, IN

[72] ZAMBARE, PRACHI SURESH, IN

[71] EATON CORPORATION, US

[22] 2015-11-04

[41] 2016-06-01

[30] US (14/556,515) 2014-12-01

[21] **2,911,301**
[13] A1

[51] **Int.Cl. H01H 9/16 (2006.01) H01H 71/04 (2006.01)**

[25] EN

[54] **ELECTRICAL SWITCHING APPARATUS, AND INDICATION ASSEMBLY AND TRIP CAM THEREFOR**

[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE D'INDICATEUR ET CAME DE DECLenchEMENT ASSOCIEE**

[72] GIBSON, JEFFREY SCOTT, US

[71] EATON CORPORATION, US

[22] 2015-11-04

[41] 2016-06-03

[30] US (14/558,928) 2014-12-03

[21] **2,911,357**
[13] A1

[51] **Int.Cl. H01H 3/02 (2006.01) H01H 9/26 (2006.01) H01H 71/10 (2006.01)**

[25] EN

[54] **ELECTRICAL SWITCHING APPARATUS, AND OPERATING HANDLE ASSEMBLY AND TRIP CAM THEREFOR**

[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET ENSEMBLE DE POIGNEE FONCTIONNELLE ET CAME DE DECLenchEMENT ASSOCIEE**

[72] GIBSON, JEFFREY SCOTT, US

[71] EATON CORPORATION, US

[22] 2015-11-05

[41] 2016-06-03

[30] US (14/558,954) 2014-12-03

[21] **2,911,387**
[13] A1

[51] **Int.Cl. A01B 63/22 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**

[25] EN

[54] **HYDRAULIC WORK UNIT LEVELING AND CALIBRATION SYSTEM FOR AN AGRICULTURAL IMPLEMENT**

[54] **MECANISME DE NIVELLEMENT ET D'ETALONNAGE D'UN MODULE DE TRAVAIL HYDRAULIQUE DESTINE A UN ACCESSOIRE AGRICOLE**

[72] KOWALCHUK, TREVOR, CA

[72] RYDER, NICK, CA

[71] CNH INDUSTRIAL CANADA, LTD., CA

[22] 2015-11-05

[41] 2016-06-03

[30] US (14/559,227) 2014-12-03

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[21] **2,911,595**
[13] A1

[51] **Int.Cl. G01F 25/00 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ANALYZING PRODUCT FLOW SIGNAL FOR AN AGRICULTURAL IMPLEMENT**

[54] **SYSTEME ET METHODE D'ANALYSE DE SIGNAL D'ECOULEMENT DE PRODUIT POUR UN ACCESSOIRE AGRICOLE**

[72] GERVAIS, JOEL, CA

[72] NOBLE, SCOTT, CA

[71] CNH INDUSTRIAL CANADA, LTD., CA

[22] 2015-11-06

[41] 2016-06-04

[30] US (14/560,747) 2014-12-04

[21] **2,911,808**
[13] A1

[51] **Int.Cl. E04D 5/00 (2006.01) E04D 5/14 (2006.01)**

[25] EN

[54] **SHEET ROOFING WITH PRE-TAPED SEAMS AND TAPE THEREFOR**

[54] **TOITURE EN FEUILLES COMPORTANT DES COUTURES PREPAREES ET RUBAN ASSOCIE**

[72] MCGRAW, ETHAN NELSON, US

[72] FURGAL, TROY, US

[72] NATHAN, TODD, US

[72] OLSON, ERIC ALDEN, US

[72] SUKLE, ZEBONIE, US

[71] JOHNS MANVILLE, US

[22] 2015-11-10

[41] 2016-06-01

[30] US (14/557,053) 2014-12-01

[21] **2,912,085**
[13] A1

[51] **Int.Cl. H02B 1/30 (2006.01) H02B 1/20 (2006.01) H02B 13/025 (2006.01)**

[25] EN

[54] **PASSIVE ARC CONTROL WITH SEQUESTERED PHASES IN A VERTICAL BUS SYSTEM OF A MOTOR CONTROL CENTER**

[54] **CONTROLE D'ARC PASSIF A PHASES SEQUESTREES DANS UN SYSTEME DE BUS VERTICAL D-UN CENTRE DE COMMANDE DE MOTEUR**

[72] ROMERO LEGORRETA, GERMAN, MX

[72] FABER, TIM, US

[72] RICHARDS, WALTER J. (DECEASED), US

[71] SCHNEIDER ELECTRIC USA, INC., US

[22] 2015-11-13

[41] 2016-06-02

[30] US (14/557,817) 2014-12-02

[21] **2,912,291**
[13] A1

[51] **Int.Cl. C09D 7/12 (2006.01)**

[25] EN

[54] **SORBIC ACID ESTER COMPOSITION**

[54] **COMPOSITION D'ESTER D'ACIDE SORBIQUE**

[72] ARTURO, STEVEN, US

[72] ARUMUGAM, SELVANATHAN, US

[72] ELL, JOHN, US

[72] EVEN, RALPH C., US

[72] ROWE, BRANDON, US

[72] SPARKS, JUSTIN, US

[72] YU, DECAI, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[71] ROHM AND HAAS COMPANY, US

[22] 2015-11-17

[41] 2016-06-01

[30] US (62/085737) 2014-12-01

[30] US (62/134038) 2015-03-17

[21] **2,912,294**
[13] A1

[51] **Int.Cl. C08J 7/04 (2006.01) C09C 3/10 (2006.01)**

[25] EN

[54] **PHOSPHORUS ACID FUNCTIONALIZED OPAQUE POLYMER**

[54] **POLYMER OPAQUE FONCTIONNALISE A L'ACIDE PHOSPHOREUX**

[72] BOHLING, JAMES C., US

[72] GAO, WEI, US

[72] LEONARD, MICHAEL W., US

[72] ZHANG, QING, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[71] ROHM AND HAAS COMPANY, US

[22] 2015-11-17

[41] 2016-06-01

[30] US (62/085740) 2014-12-01

[21] **2,912,337**
[13] A1

[51] **Int.Cl. G01R 31/08 (2006.01) H02J 1/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETECTING GROUND FAULT IN A DC SYSTEM**

[54] **SYSTEME ET METHODE DE DETECTION DE MISE A LA MASSE DEFECTUEUSE DANS UN SYSTEME C. C.**

[72] DONG, DONG, US

[72] PAN, YAN, US

[72] LAI, RIXIN, US

[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB

[22] 2015-11-19

[41] 2016-06-01

[30] US (14/556,744) 2014-12-01

[21] **2,912,534**
[13] A1

[51] **Int.Cl. E01C 11/26 (2006.01)**

[25] EN

[54] **HEATABLE PATHWAY SYSTEM FOR TRAFFIC**

[54] **SYSTEME DE PASSAGE CHAUFFANT POUR LA CIRCULATION**

[72] SZEKELY, KENNETH, CA

[71] SZEKELY, KENNETH, CA

[22] 2015-11-20

[41] 2016-06-02

[30] US (62086707) 2014-12-02

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[21] **2,912,543**
[13] A1

[51] **Int.Cl. E01C 3/00 (2006.01) E01C 11/00 (2006.01) E01C 15/00 (2006.01) E04F 15/22 (2006.01)**

[25] EN

[54] **MODULE FOR USE IN CONSTRUCTING A PATHWAY FOR TRAFFIC**

[54] **MODULE DESTINE A LA CONSTRUCTION D'UN PASSAGE DE CIRCULATION**

[72] SZEKELY, KENNETH, CA
[71] SZEKELY, KENNETH, CA
[22] 2015-11-20
[41] 2016-06-02
[30] US (62086707) 2014-12-02

[21] **2,912,551**
[13] A1

[51] **Int.Cl. E01C 5/00 (2006.01)**

[25] EN

[54] **SECURELY INTERCONNECTABLE MODULES FOR USE IN CONSTRUCTING A PATHWAY FOR TRAFFIC**

[54] **MODULES RACCORDABLES DE MANIERE SECURITAIRE DESTINES A LA CONSTRUCTION D'UN PASSAGE DE CIRCULATION**

[72] SZEKELY, KENNETH, CA
[71] SZEKELY, KENNETH, CA
[22] 2015-11-20
[41] 2016-06-02
[30] US (62086707) 2014-12-02

[21] **2,912,838**
[13] A1

[51] **Int.Cl. A61B 17/128 (2006.01) A61B 17/068 (2006.01) A61B 17/125 (2006.01)**

[25] EN

[54] **LAPAROSCOPIC SURGICAL LIGATION CLIP APPLIER**

[54] **APPLICATEUR DE PINCE DE LIGATURE CHIRURGICALE LAPAROSCOPIQUE**

[72] TOKARZ, CHRISTOPHER A., US
[72] ASIDO, NORVIN, US
[71] COVIDIEN LP, US
[22] 2015-11-23
[41] 2016-06-02
[30] US (62/086,250) 2014-12-02
[30] US (14/941,714) 2015-11-16

[21] **2,912,545**
[13] A1

[51] **Int.Cl. E01C 11/24 (2006.01) E01C 9/06 (2006.01) E01D 19/12 (2006.01)**

[25] EN

[54] **SECURELY INTERCONNECTABLE MODULES FOR USE IN CONSTRUCTING A PATHWAY FOR TRAFFIC**

[54] **MODULES RACCORDABLES DE MANIERE SECURITAIRE DESTINES A LA CONSTRUCTION D'UN PASSAGE DE CIRCULATION**

[72] SZEKELY, KENNETH, CA
[71] SZEKELY, KENNETH, CA
[22] 2015-11-20
[41] 2016-06-02
[30] US (62086707) 2014-12-02

[21] **2,912,636**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 10/02 (2012.01) G06Q 50/14 (2012.01) G06F 17/30 (2006.01)**

[25] EN

[54] **INTERACTING WITH A DATABASE STORING DISCOUNTS**

[54] **INTERACTION AVEC UNE BASE DE DONNEES STOCKANT DES RABAIS**

[72] MUHAREMOVIC, AMAR, FR
[72] PASQUINI, ILARIA, FR
[72] ALLES, IRINA, FR
[72] COLIN, JEREMY, FR
[72] SABATIER, ROMUALD, FR
[71] AMADEUS S.A.S., FR
[22] 2015-11-19
[41] 2016-06-01
[30] US (14/556,707) 2014-12-01
[30] EP (15 000 594.0) 2015-03-02

[21] **2,912,974**
[13] A1

[51] **Int.Cl. H01Q 1/44 (2006.01) G07F 7/00 (2006.01) H01Q 9/30 (2006.01) H05K 7/00 (2006.01) G06Q 20/32 (2012.01)**

[25] EN

[54] **CONTACTLESS ANTENNA, SUPPORT STRUCTURE AND CORRESPONDING CONNECTOR**

[54] **ANTENNE SANS CONTACT, STRUCTURE DE SUPPORT ET CORRESPONDANT**

[72] BONNET, ERIC, FR
[71] INGENICO GROUP, FR
[22] 2015-11-23
[41] 2016-06-03
[30] FR (1461834) 2014-12-03

[21] **2,912,549**
[13] A1

[51] **Int.Cl. E01C 11/24 (2006.01) E01C 11/26 (2006.01) E01D 19/12 (2006.01) H05B 3/26 (2006.01)**

[25] EN

[54] **HEATABLE MODULE FOR USE IN CONSTRUCTING A PATHWAY FOR TRAFFIC**

[54] **MODULES CHAUFFANTS DESTINES A LA CONSTRUCTION D'UN PASSAGE DE CIRCULATION**

[72] SZEKELY, KENNETH, CA
[71] SZEKELY, KENNETH, CA
[22] 2015-11-20
[41] 2016-06-02
[30] US (62086707) 2014-12-02

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[21] **2,913,269**
[13] A1

[51] **Int.Cl. B01J 29/08 (2006.01) B01J 37/04 (2006.01)**

[25] EN

[54] **NA-Y MOLECULAR SIEVE, H-Y MOLECULAR SIEVE, AND PREPARATION METHODS THEREOF, HYDROCRACKING CATALYST, AND HYDROCRACKING METHOD**

[54] **TAMIS MOLECULAIRE NA-Y, TAMIS MOLECULAIRE H-Y ET METHODES DE PREPARATION ASSOCIEES, CATALYSEUR D'HYDROCRAQUAGE ET METHODE D'HYDROCRAQUAGE**

[72] LIU, CHANG, CN
[72] WANG, FENGLAI, CN
[72] GUAN, MINGHUA, CN
[72] DU, YANZE, CN
[72] HUANG, WEI, CN
[72] ZHAO, HONG, CN

[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN

[71] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN

[22] 2015-11-24
[41] 2016-06-01
[30] CN (201410711228.1) 2014-12-01
[30] CN (201410711208.4) 2014-12-01
[30] CN (201410711239.X) 2014-12-01

[21] **2,913,273**
[13] A1

[51] **Int.Cl. G08B 29/00 (2006.01) G08B 13/10 (2006.01) G08B 25/00 (2006.01) G08B 25/10 (2006.01) G08B 29/18 (2006.01) H04L 9/32 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR TAKE-OVER PROTECTION FOR A SECURITY SYSTEM**

[54] **SYSTEME ET METHODE DE PROTECTION CONTRE LA PRISE DE CONTROLE D'UN SYSTEME DE SECURITE**

[72] ESKILDSEN, KENNETH G., US
[72] OKEEFE, MARK DOUGLAS, US
[72] MARSHALL, DOUG, US
[71] HONEYWELL INTERNATIONAL INC., US

[22] 2015-11-23
[41] 2016-06-02
[30] US (14/557,733) 2014-12-02

[21] **2,913,275**
[13] A1

[51] **Int.Cl. G08B 13/194 (2006.01) H04N 21/80 (2011.01) G06K 9/46 (2006.01) H04N 5/33 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF FOREGROUND EXTRACTION FOR DIGITAL CAMERAS**

[54] **SYSTEME ET METHODE D'EXTRACTION D'AVANT-PLAN POUR CAMERAS NUMERIQUES**

[72] WU, VIC, US
[72] ZHAO, TIAN FENG, US
[72] XU, HAIDONG, US
[71] HONEYWELL INTERNATIONAL INC., US

[22] 2015-11-23
[41] 2016-06-02
[30] US (14/558,013) 2014-12-02

[21] **2,913,357**
[13] A1

[51] **Int.Cl. G05B 19/042 (2006.01) G05B 9/03 (2006.01) G05B 19/418 (2006.01)**

[25] EN

[54] **CONTROL SYSTEM**

[54] **MECANISME DE CONTROLE**

[72] WATANABE, JUN, JP
[72] DOUKEN, TOMOHIKO, JP
[72] UEMURA, KAZUNORI, JP
[72] SHIRAISHI, MASAHIRO, JP
[72] SHIMIZU, TOSHIKI, JP
[72] NISHIKAWA, SATOSHI, JP
[71] HITACHI, LTD., JP

[22] 2015-11-25
[41] 2016-06-02
[30] JP (2014-243808) 2014-12-02

[21] **2,913,383**
[13] A1

[51] **Int.Cl. G08B 13/22 (2006.01) G07F 7/08 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTING A DISCONNECTION OF THE MAIN CONNECTOR OF AN ELECTRONIC PAYMENT TERMINAL, CORRESPONDING COMPUTER PROGRAM PRODUCT, STORAGE MEANS AND PAYMENT TERMINAL**

[54] **METHODE DE DETERMINATION D'UNE DECONNEXION DU CONNECTEUR PRINCIPAL D'UN TERMINAL DE PAIEMENT ELECTRONIQUE, PRODUIT DE PROGRAMME INFORMATIQUE CORRESPONDANT, DISPOSITIF DE STOCKAGE ET TERMINAL DE PAIEMENT**

[72] MAYER, LAURENT, FR
[72] CHOWDHARY, FERHAJ, FR
[71] INGENICO GROUP, FR

[22] 2015-11-25
[41] 2016-06-01
[30] FR (1461732) 2014-12-01

[21] **2,913,385**
[13] A1

[51] **Int.Cl. H05K 5/03 (2006.01) G07F 7/08 (2006.01)**

[25] EN

[54] **FLAP FOR PAYMENT DEVICE COMPRISING A PAYMENT TERMINAL AND A HOUSING FOR HOLDING A COMMUNICATION TERMINAL**

[54] **RABAT POUR DISPOSITIF DE PAIEMENT COMPORTANT UN TERMINAL DE PAIEMENT ET UN LOGEMENT SERVANT A TENIR UN TERMINAL DE COMMUNICATION**

[72] BARNERON, SYLVAIN, FR
[72] FROMENT, MARION, FR
[72] DEDIEU, PHILIPPE, FR
[71] INGENICO GROUP, FR

[22] 2015-11-25
[41] 2016-06-01
[30] FR (1461744) 2014-12-01

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[21] **2,913,427**
[13] A1

[51] **Int.Cl. E06B 9/32 (2006.01)**
[25] EN
[54] **CURTAIN BODY LOCATING MECHANISM OF A CURTAIN WITH NO CORD**
[54] **MECANISME DE REPERAGE D'UN CORPS DE RIDEAU D'UN RIDEAU SANS CORDE**
[72] CHEN, PO-YU, TW
[71] CHIN-FU CHEN, TW
[22] 2015-11-26
[41] 2016-06-01
[30] TW (103141592) 2014-12-01

[21] **2,913,428**
[13] A1

[51] **Int.Cl. G01N 21/65 (2006.01) G01J 3/44 (2006.01) G01T 1/169 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTION OF CONTAMINANTS**
[54] **SYSTEME ET METHODE DE DETECTION DE CONTAMINANTS**
[72] ING, HARRY, CA
[72] ANDREWS, HUGH ROBERT, CA
[72] DICK, MICHAEL, CA
[72] ACHTZEHN, TOBIAS, CA
[72] KOSLOWSKY, VERNON THEODORE, CA
[71] BUBBLE TECHNOLOGY INDUSTRIES INC., CA
[22] 2015-11-26
[41] 2016-06-03
[30] US (62/087,029) 2014-12-03

[21] **2,913,443**
[13] A1

[51] **Int.Cl. F03D 7/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A WIND TURBINE DURING ADVERSE WIND CONDITIONS**
[54] **SYSTEME ET METHODE DE CONTROLE D'UNE EOLIENNE EN CONDITIONS DE VENT ADVERSES**
[72] TORBOHM, GERT, DE
[72] DANIELSEN, DARREN JOHN, US
[72] MAGNUSON, DAVID COLE, US
[72] GOPALAN, SIMI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2015-11-25
[41] 2016-06-01
[30] US (14/556,331) 2014-12-01

[21] **2,913,462**
[13] A1

[51] **Int.Cl. F16B 25/00 (2006.01) F16B 33/02 (2006.01) F16B 35/00 (2006.01)**
[25] EN
[54] **THREADED SLEEVE**
[54] **MANCHON FILETE**
[72] FARBER, WOLFGANG, DE
[71] RAMPA VERBINDUNGSTECHNIK GMBH & CO. KG, DE
[22] 2015-11-30
[41] 2016-06-01
[30] EP (14195605.2) 2014-12-01

[21] **2,913,560**
[13] A1

[51] **Int.Cl. A01C 7/18 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AGRICULTURE USING A SEED TAPE**
[54] **SYSTEME ET METHODE DE CULTURE AGRICOLE AU MOYEN D'UN RUBAN DE SEMENCES**
[72] FAIVRE, STEPHEN M., US
[72] DESAI, PINAKIN, US
[72] TAYLOR, NATE, US
[72] MONK, KEVIN, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2015-11-26
[41] 2016-06-03
[30] US (14/559,271) 2014-12-03

[21] **2,913,570**
[13] A1

[51] **Int.Cl. A01C 7/00 (2006.01)**
[25] EN
[54] **AIR GROMMET CONNECTOR**
[54] **CONNECTEUR D'OEILLET PNEUMATIQUE**
[72] ANDERSON, BRIAN, US
[72] PEUTERT, CHANCE, US
[72] JOHNSON, CHAD, US
[72] LONG, SCOTT, US
[72] JUSTICE, RICK, US
[72] HARNETIAUX, TRAVIS, US
[72] DIENST, JOHNATHON, US
[72] DINNON, PATRICK, US
[72] RAETZMAN, RYAN, US
[72] CONNORS, MICHAEL, US
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2015-11-27
[41] 2016-06-02
[30] US (14/557,943) 2014-12-02

[21] **2,913,600**
[13] A1

[51] **Int.Cl. H05B 3/06 (2006.01) H01B 5/08 (2006.01) H01R 4/00 (2006.01)**
[25] EN
[54] **CONDUCTOR JOINT AND CONDUCTOR JOINT COMPONENT**
[54] **JOINT CONDUCTEUR ET COMPOSANTE DE JOINT CONDUCTEUR**
[72] WALLENIUS, TOMAS, FI
[72] VUOMAJOKI, PAULI, FI
[71] WICETEC OY, FI
[22] 2015-12-01
[41] 2016-06-04
[30] FI (U20144258) 2014-12-04

[21] **2,913,603**
[13] A1

[51] **Int.Cl. C10M 163/00 (2006.01) C10M 129/02 (2006.01) C10M 159/22 (2006.01)**
[25] EN
[54] **MARINE ENGINE LUBRICATION**
[54] **LUBRIFICATION DE MOTEUR MARIN**
[72] BERA, TUSHAR KANTI, US
[72] TUNDEL, RACHEL ELIZABETH, US
[72] GREGORY, LAURA, GB
[72] WRIGHT, PETER MARTIN, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2015-11-30
[41] 2016-06-04
[30] US (14/560,231) 2014-12-04
[30] EP (15153647.1) 2015-02-03
[30] US (14/923,535) 2015-10-27

[21] **2,913,644**
[13] A1

[51] **Int.Cl. F25D 3/08 (2006.01) H04W 84/18 (2009.01) B67D 3/00 (2006.01) H04R 5/02 (2006.01)**
[25] EN
[54] **THERMALLY INSULATED RECEPTACLES**
[54] **RECEPTACLES ISOLES THERMIQUEMENT**
[72] PATSIS, STEVEN G., US
[72] PATSIS, STEVEN, US
[71] SPEAQUA, INC., US
[22] 2015-12-01
[41] 2016-06-01
[30] US (14/556,838) 2014-12-01

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29 mai 2016 au 4 juin 2016

[21] **2,913,699**
[13] A1

[51] **Int.Cl. E01F 9/662 (2016.01)**
[25] EN
[54] **METHOD MOUNTING A TRAFFIC MANAGEMENT EQUIPMENT TO AN ELEVATED STRUCTURE AND BRACKET THEREFORE**
[54] **METHODE D'INSTALLATION D'UN EQUIPEMENT DE GESTION DE LA CIRCULATION A UNE STRUCTURE ELEVEE ET SUPPORT ASSOCIE**
[72] FOURNIER, SERGE, CA
[71] LOGISIG INC., CA
[22] 2015-11-30
[41] 2016-06-01
[30] US (62/085,902) 2014-12-01

[21] **2,913,765**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) C09K 8/592 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **NON-CONDENSABLE GAS COINJECTION WITH FISHBONE LATERAL WELLS**
[54] **COINJECTION DE GAZ NON CONDENSABLE ET DE PUITES LATERAUX EN ARRETE**
[72] CHEN, BO, US
[72] CHEN, QING, US
[72] WHEELER, THOMAS J., US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2015-12-01
[41] 2016-06-01
[30] US (62/086035) 2014-12-01

[21] **2,913,831**
[13] A1

[51] **Int.Cl. A61K 31/09 (2006.01) A01N 31/16 (2006.01) A01P 17/00 (2006.01) A61K 8/33 (2006.01) A61P 33/06 (2006.01) A61Q 17/02 (2006.01)**
[25] EN
[54] **REPELLENT EFFECTIVE AGAINST ANOPHELES GAMBIAE**
[54] **REPULSIF EFFICACE CONTRE LES ANOPHELES GAMBIAE**
[72] PLETTNER, ERIKA, CA
[72] ROITBERG, BERNARD, CA
[71] SIMON FRASER UNIVERSITY, CA
[22] 2015-12-01
[41] 2016-06-01
[30] US (62/086,058) 2014-12-01

[21] **2,913,713**
[13] A1

[51] **Int.Cl. F04B 1/32 (2006.01) F04B 1/20 (2006.01)**
[25] EN
[54] **PUMP**
[54] **POMPE**
[72] ALEXANDER, GUS, US
[72] KOLICHESKI, PAULO ROGERIO FUNK, US
[71] FNA GROUP, INC., US
[22] 2015-12-01
[41] 2016-06-01
[30] US (62/085,775) 2014-12-01

[21] **2,913,814**
[13] A1

[51] **Int.Cl. B01D 45/04 (2006.01) B01D 21/00 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **A DESANDING APPARATUS AND A METHOD OF USING SAME**
[54] **UN APPAREIL DE DESSABLAGE ET UNE METHODE D'UTILISATION DUDIT APPAREIL**
[72] HEMSTOCK, CHRISTOPHER A., CA
[71] SPECIALIZED DESANDERS INC., CA
[22] 2015-12-03
[41] 2016-06-04
[30] US (62/087,604) 2014-12-04
[30] US (14/566,849) 2014-12-11

[21] **2,913,834**
[13] A1

[51] **Int.Cl. B27K 3/34 (2006.01) B29B 17/04 (2006.01) C08J 5/12 (2006.01) C09D 5/00 (2006.01) C09D 121/00 (2006.01) C08J 11/06 (2006.01)**
[25] EN
[54] **METHOD OF PROTECTING A WOODEN STRUCTURE**
[54] **METHODE DE PROTECTION D'UNE STRUCTURE EN BOIS**
[72] TURNER, DAVID A., US
[71] TURNER, DAVID A., US
[22] 2015-12-03
[41] 2016-06-04
[30] US (14/561,208) 2014-12-04

[21] **2,913,763**
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **SOLVENTS AND NON-CONDENSABLE GAS COINJECTION**
[54] **COINJECTION DE SOLVANTS ET DE GAZ NON CONDENSABLES**
[72] CHEN, BO, US
[72] CHEN, QING, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2015-12-01
[41] 2016-06-01
[30] US (62/086002) 2014-12-01

[21] **2,913,822**
[13] A1

[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/405 (2014.01) G06K 19/06 (2006.01) G06F 21/31 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **VERIFIABLE CREDENTIALS AND METHODS THEREOF**
[54] **AUTHENTIFIANTS VERIFIABLES ET METHODES ASSOCIEES**
[72] KHAN, SAL, CA
[71] KHAN, SAL, CA
[22] 2015-12-03
[41] 2016-06-03
[30] US (62086745) 2014-12-03

[21] **2,913,846**
[13] A1

[51] **Int.Cl. F16C 7/00 (2006.01) F02F 3/00 (2006.01) F15B 15/20 (2006.01)**
[25] EN
[54] **CONNECTING ROD AND PISTON FOR AN OIL-LESS PNEUMATIC MOTOR**
[54] **TIGE DE RACCORDEMENT ET PISTON DESTINES A UN MOTEUR PNEUMATIQUE SANS HUILE**
[72] DOYLE, JAMES LAURENCE, CA
[71] CIRCLE DYNAMICS INC., CA
[22] 2015-12-03
[41] 2016-06-04
[30] US (62/087,855) 2014-12-04

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[21] **2,913,932**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] FR
[54] **METHODE ET APPAREIL DESTINES A LA PHILANTHROPIE**
[54] **METHOD AND APPARATUS FOR PHILANTHROPY**
[72] LAWRENCE, CRAIG, CA
[71] LAWRENCE, CRAIG, CA
[22] 2015-12-03
[41] 2016-06-03
[30] US (62/086,770) 2014-12-03

[21] **2,913,938**
[13] A1

[51] **Int.Cl. B01J 20/22 (2006.01) B01J 20/02 (2006.01) B01J 20/32 (2006.01)**
[25] EN
[54] **SORBENT COMPOSITION FOR USE IN A FLUE GAS TRAIN INCLUDING A BAGHOUSE**
[54] **COMPOSITION DE SORBANT DESTINEE A UN TRAIN DE GAZ DE COMBUSTION COMPRENANT UN DEPOUSSIHEREUR A MANCHE**
[72] LI, MOWEN, US
[72] MCMURRAY, SARAH G., US
[72] HUSTON, ROBERT B., US
[72] WONG, JOSEPH M., US
[71] ADA CARBON SOLUTIONS, LLC, US
[22] 2015-12-02
[41] 2016-06-02
[30] US (62/086,292) 2014-12-02

[21] **2,913,966**
[13] A1

[51] **Int.Cl. H01H 71/10 (2006.01) H01H 3/04 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKERS WITH MOVING CONTACT ARM WITH SPACED APART CONTACTS**
[54] **DISJONCTEURS DOTES D'UN BRAS DE CONTACTS MOBILES EQUIPE DE CONTACTS ESPACES**
[72] MALONEY, JAMES GERARD, US
[72] BETANCES SANSUR, LUIS ENRIQUE, DO
[71] EATON CORPORATION, US
[22] 2015-12-03
[41] 2016-06-03
[30] US (14/559,276) 2014-12-03
[30] US (14/698,192) 2015-04-28

[21] **2,913,995**
[13] A1

[51] **Int.Cl. B30B 3/04 (2006.01)**
[25] EN
[54] **TWO-ROLLER ROLL PRESS WITH THRUST BEARING CONSTRUCTION**
[54] **PRESSE A DOUBLE ROULEAU DOTE D'UNE CONSTRUCTION DE PALIER A BUTEE**
[72] FRANGENBERG, MEINHARD, DE
[71] TAKRAF GMBH, DE
[22] 2015-12-02
[41] 2016-06-03
[30] DE (10 2014 224 734.9) 2014-12-03

[21] **2,913,997**
[13] A1

[51] **Int.Cl. B61L 27/00 (2006.01)**
[25] FR
[54] **METHOD FOR RECOGNISING THE PRESENCE OF A RAIL VEHICLE ON A BLOCK, CALCULATION METHOD FOR A SAFETY INTERVAL AND ASSOCIATED DEVICE**
[54] **PROCEDE DE DISCRIMINATION DE LA PRESENCE D'UN VEHICULE FERROVIAIRE SUR UN CANTON, PROCEDE DE CALCUL D'UN INTERVALLE DE SECURITE ET DISPOSITIF ASSOCIE**
[72] BALLESTEROS, JAVIER, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2015-12-01
[41] 2016-06-03
[30] FR (14 61877) 2014-12-03

[21] **2,914,000**
[13] A1

[51] **Int.Cl. H01J 49/04 (2006.01) H01J 49/20 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **INTERFACE FOR AN ATMOSPHERIC PRESSURE ION SOURCE IN A MASS SPECTROMETER**
[54] **INTERFACE DESTINEE A UNE SOURCE D'ION A PRESSION ATMOSPHERIQUE DANS UN SPECTROMETRE DE MASSE**
[72] SPLENDORE, MAURIZIO, US
[72] ZANON, STEPHEN, US
[71] BRUKER DALTONICS, INC., US
[22] 2015-12-02
[41] 2016-06-03
[30] US (14558801) 2014-12-03

[21] **2,914,014**
[13] A1

[51] **Int.Cl. B65D 21/032 (2006.01) B65D 1/34 (2006.01)**
[25] EN
[54] **BEVERAGE CRATE**
[54] **CAISSE A CLAIRE-VOIE POUR BOISSONS**
[72] MEERS, RYAN C., US
[71] REHRIG PACIFIC COMPANY, US
[22] 2015-12-04
[41] 2016-06-04
[30] US (62/087,622) 2014-12-04

[21] **2,914,016**
[13] A1

[51] **Int.Cl. E04F 15/18 (2006.01) E04C 2/20 (2006.01) E04C 2/296 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **INSULATING PANEL WITH ALIGNMENT ASSEMBLY AND INSULATING PANEL ASSEMBLY INCLUDING SAME**
[54] **PANNEAU ISOLANT COMPORTANT UN DISPOSITIF D'ALIGNEMENT ET ENSEMBLE DE PANNEAU ISOLANT L'INCLUANT**
[72] BROUSSEAU, JEAN-FRANCOIS, CA
[72] EMOND, DANIEL, CA
[71] GROUPE ISOLOFOAM INC., CA
[22] 2015-12-03
[41] 2016-06-03
[30] US (62/086,935) 2014-12-03

[21] **2,914,017**
[13] A1

[51] **Int.Cl. B64F 5/00 (2006.01) B64D 13/00 (2006.01)**
[25] EN
[54] **A TESTING EQUIPMENT OF ONBOARD AIR CONDITIONING SYSTEM AND A METHOD OF TESTING THE SAME**
[54] **UN EQUIPEMENT DE TEST DE SYSTEME DE CONDITIONNEMENT D'AIR EMBARQUE ET UNE METHODE DE TEST DUDIT SYSTEME**
[72] LI, QIXIANG, CN
[71] AIR CHINA LIMITED, CN
[22] 2015-12-02
[41] 2016-06-02
[30] CN (2014107208602) 2014-12-02

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[21] **2,914,019**
[13] A1

[51] **Int.Cl. F04B 53/10 (2006.01) F04B 47/00 (2006.01) F04B 47/12 (2006.01)**
[25] EN
[54] **PUMPS AND METHODS OF PUMPING FLUIDS INTO A WELL BORE**
[54] **POMPES ET METHODES DE POMPAGE DE FLUIDES DANS UN TROU DE FORAGE**
[72] TOPPINGS, BARRY, CA
[72] FUNK, TREVOR, CA
[72] LUCAS, KURT, CA
[72] VIS, THOMAS, CA
[72] LUFT, BERNIE, CA
[72] MIKULSKI, BEN, CA
[72] MCNAUGHTON, JOHN, CA
[72] DENING, JOHN (NICK), CA
[71] TRICAN WELL SERVICE LTD., CA
[22] 2015-12-03
[41] 2016-06-03
[30] US (62/087,018) 2014-12-03
[30] US (62/113,782) 2015-02-09
[30] US (62/193,933) 2015-07-17

[21] **2,914,033**
[13] A1

[51] **Int.Cl. B42D 15/02 (2006.01)**
[25] EN
[54] **GREETING CARD WITH MULTI-PANEL INSERT**
[54] **CARTE DE SOUHAITES A INSERTION MULTIPANNEAU**
[72] TALBOT, JOHN, US
[72] HIGGINS, SEAN, US
[72] FLESHER, MELISSA, US
[72] DENNIS, ERIN, US
[71] AMERICAN GREETINGS CORPORATION, US
[22] 2015-12-03
[41] 2016-06-04
[30] US (62/087,485) 2014-12-04
[30] US (14/953,105) 2015-11-27

[21] **2,914,081**
[13] A1

[51] **Int.Cl. H04W 4/26 (2009.01) G06F 21/60 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PROCESS FOR THE USER-RELATED ANSWERING OF CUSTOMER INQUIRIES IN DATA NETWORKS**
[54] **PROCEDE DE PRODUCTION DE REPONSE ASSOCIEE AU CLIENT DE DEMANDES DE CONSOMMATEUR DANS LES RESEAUX DE DONNEES**
[72] HEER, DANIEL, DE
[72] PODLESNY, JANNIK, DE
[71] ZEOTAP GMBH, DE
[22] 2015-12-03
[41] 2016-06-03
[30] DE (102014117796.7) 2014-12-03

[21] **2,914,116**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **METHOD OF DETERMINING NETWORKS FOR RESOURCE RECOVERY OPERATIONS**
[54] **METHODE DE DETERMINATION DE RESEAUX POUR OPERATIONS DE RECUPERATION DE RESSOURCE**
[72] WEI, ANHUA, CA
[71] CENOVUS ENERGY INC, CA
[22] 2015-12-03
[41] 2016-06-04
[30] US (62/087,708) 2014-12-04

[21] **2,914,118**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **METHOD OF DETERMINING NETWORKS FOR RESOURCE RECOVERY OPERATIONS**
[54] **METHODE DE DETERMINATION DE RESEAUX POUR OPERATIONS DE RECUPERATION DE RESSOURCE**
[72] BLOUIN, MICHELLE MARIE, CA
[72] SHIFA, BINYAM ASSEFA, CA
[72] WIENS, BRETT MICHAEL, CA
[71] CENOVUS ENERGY INC., CA
[22] 2015-12-03
[41] 2016-06-04
[30] US (62/087,710) 2014-12-04

[21] **2,914,138**
[13] A1

[51] **Int.Cl. A47C 27/15 (2006.01)**
[25] EN
[54] **BEDDING PRODUCT INCLUDING COMPOSITE LAYER AND METHOD OF MANUFACTURE**
[54] **PRODUCTION DE MATELAS COMPORTANT UNE COUCHE COMPOSITE ET METHODE DE FABRICATION**
[72] DEFRANKS, MICHAEL S., US
[72] MCGUIRE, SHERI L., US
[71] DREAMWELL, LTD., US
[22] 2015-12-04
[41] 2016-06-04
[30] US (62/087,573) 2014-12-04

[21] **2,914,139**
[13] A1

[51] **Int.Cl. B64C 27/64 (2006.01) B64C 27/72 (2006.01)**
[25] EN
[54] **INDIVIDUAL BLADE CONTROL UTILIZING PNEUMATIC MUSCLES**
[54] **CONTROLE INDIVIDUEL D'AUBE EMPLOYANT DES MUSCLES PNEUMATIQUES**
[72] SCHANK, TROY, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2015-12-03
[41] 2016-06-03
[30] US (14/559,339) 2014-12-03

[21] **2,925,585**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR CONTINUOUSLY RECOMMENDING A DEPLOYMENT OF EMERGENCY VEHICLE UNITS**
[54] **METHODE, DISPOSITIF ET SYSTEME DE RECOMMANDATION EN CONTINU D'UN DEPLOIEMENT D'UNITES DE VEHICULE D'URGENCE**
[72] NEPOGODIN, ANDREW, CA
[72] CHENETTE, LYNE, CA
[71] CAE INC., CA
[22] 2016-03-31
[41] 2016-05-31

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[21] **2,925,587**
[13] A1

[51] **Int.Cl. B27B 31/06 (2006.01)**
[25] EN
[54] **PRECUT PROCESSING OF LOGS**
[54] **TRAITEMENT DE PRECOUPE DE**
BILLOTS
[72] BLOMQUIST, CHRISTOPHER W.,
US
[71] USNR/KOCKUMS CANCAR
COMPANY, US
[22] 2016-03-31
[41] 2016-05-31
[30] US (62/141,062) 2015-03-31

[21] **2,925,703**
[13] A1

[51] **Int.Cl. G09B 9/00 (2006.01) G06F**
19/00 (2011.01) G09B 9/08 (2006.01)
[25] EN
[54] **DYNAMICALLY UPDATING A**
MODEL ASSOCIATED TO A
SIMULATED INTERACTIVE
OBJECT
[54] **ACTUALISATION DYNAMIQUE**
D'UN MODELE ASSOCIE A UN
OBJET INTERACTIF SIMULE
[72] SOUCY, OLIVIER, CA
[72] MYRAND-LAPIERRE, VINCENT, CA
[71] CAE INC., CA
[22] 2016-03-31
[41] 2016-06-02

[21] **2,925,721**
[13] A1

[51] **Int.Cl. E04F 13/21 (2006.01) E04F**
13/09 (2006.01)
[25] EN
[54] **TILE SYSTEM FOR SUSPENDED**
CEILING AND WALL, AND
METHOD
[54] **SYSTEME DE CARREAUX POUR**
PLAFOND SUSPENDU ET MUR,
ET METHODE
[72] MCDUFF, RODRIGUE, CA
[71] GESTION MCD INC., CA
[22] 2016-03-31
[41] 2016-06-02
[30] US (62/140,649) 2015-03-31

[21] **2,925,791**
[13] A1

[51] **Int.Cl. G09B 9/32 (2006.01) G02B**
27/18 (2006.01)
[25] EN
[54] **IMAGE GENERATOR FOR**
SUPPRESSING A GAP BETWEEN
TWO ADJACENT REFLECTIVE
SURFACES
[54] **GENERATEUR D'IMAGE**
DESTINE A SUPPRIMER UN
ESPACE ENTRE DEUX SURFACES
REFLECHISSANTES
ADJACENTES
[72] NORTON, PAUL, CA
[71] CAE INC, CA
[22] 2016-03-31
[41] 2016-06-03

[21] **2,925,795**
[13] A1

[51] **Int.Cl. G09B 9/32 (2006.01) G02B**
27/18 (2006.01)
[25] EN
[54] **DISPLAY WITH SEAM FOR**
VISUALLY SUPPRESSING A GAP
BETWEEN TWO ADJACENT
REFLECTIVE SURFACES
[54] **AFFICHEUR DOTE D'UN JOINT**
DE SUPPRESSION VISUELLE
D'UN ESPACE ENTRE DEUX
SURFACES REFLECHISSANTES
ADJACENTES
[72] NORTON, PAUL, CA
[71] CAE INC, CA
[22] 2016-03-31
[41] 2016-06-03

[21] **2,925,796**
[13] A1

[51] **Int.Cl. G09B 9/32 (2006.01) G02B**
27/18 (2006.01)
[25] EN
[54] **SEAM FOR VISUALLY**
SUPPRESSING A GAP BETWEEN
TWO ADJACENT REFLECTIVE
SURFACES
[54] **JOINT DE SUPPRESSION**
VISUELLE D'UN ESPACE ENTRE
DEUX SURFACES
REFLECHISSANTES
ADJACENTES
[72] NORTON, PAUL, CA
[71] CAE INC, CA
[22] 2016-03-31
[41] 2016-06-03

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[51] Int.Cl. B60K 13/04 (2006.01) B60P 1/04 (2006.01) [25] EN [54] DUMP TRUCK [54] CAMION A BENNE [72] ASHIKAWA, HIROKAZU, JP [72] TASHIRO, TAKAYUKI, JP [71] KOMATSU LTD., JP [85] 2015-06-25 [86] 2014-12-01 (PCT/JP2014/081752) [87] (2902188)	[51] Int.Cl. G03B 35/20 (2006.01) G09F 19/18 (2006.01) H04N 13/04 (2006.01) [25] EN [54] SIMULATED 3D PROJECTION APPARATUS [54] APPAREIL DE PROJECTION 3D SIMULEE [72] DUFFY, JOHN PAUL, CA [71] DUFFY, JOHN PAUL, CA [85] 2016-02-29 [86] 2015-10-27 (PCT/CA2015/000554) [87] (2920560) [30] CA (2,873,479) 2014-12-04 [30] US (14/560,275) 2014-12-04 [30] US (62/103,358) 2015-01-14	[51] Int.Cl. B29C 47/88 (2006.01) B29C 47/08 (2006.01) B29C 55/28 (2006.01) [25] EN [54] INNER COOLING BODY FOR A BLOWN FILM EXTRUSION LINE, BLOWN FILM EXTRUSION LINE COMPRISING SUCH AN INNER COOLING BODY AND METHOD FOR OPERATING SAID BLOWN FILM EXTRUSION LINE [54] CORPS DE REFROIDISSEMENT INTERNE POUR LIGNE DE SOUFFLAGE DE GAINÉ, LIGNE DE SOUFFLAGE DE GAINÉ DOTÉE D'UN TEL CORPS INTERNE, AINSI QUE PROCÉDE D'UTILISATION D'UN TELLE LIGNE DE SOUFFLAGE DE GAINÉ [72] SCHUMACHER, HOLGER, DE [72] LETTOWSKY, CHRISTOPH, DE [72] BUHL, DANIEL, DE [71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE [85] 2016-04-11 [86] 2014-09-22 (PCT/DE2014/000473) [87] (WO2015/051774) [30] DE (10 2013 016 898.8) 2013-10-13
[21] 2,917,317 [13] A1	[21] 2,924,365 [13] A1	
[51] Int.Cl. H04W 48/18 (2009.01) H04W 24/00 (2009.01) [25] EN [54] CELL SEARCH AND CONNECTION PROCEDURES IN A CELLULAR COMMUNICATION DEVICE [54] PROCÉDURES DE LIAISON ET DE RECHERCHE DE CELLULE DANS UN DISPOSITIF DE COMMUNICATION CELLULAIRE [72] LINDOFF, BENGT, SE [72] REIAL, ANDRES, SE [71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE [85] 2016-01-12 [86] 2014-12-01 (PCT/EP2014/076106) [87] (2917317)	[51] Int.Cl. G01R 33/035 (2006.01) [25] EN [54] DUAL SQUID MEASUREMENT DEVICE [54] DISPOSITIF DE MESURE A DOUBLE SQUID [72] BARAKAT, NEIL, CA [72] HUGILL, ANDREW, CA [72] TOMSKI, IIIA, CA [72] WONG, HONG, CA [71] GEDEX SYSTEMS INC., CA [85] 2016-03-15 [86] 2014-10-01 (PCT/CA2014/000719) [87] (WO2015/048881) [30] US (61/885,054) 2013-10-01	

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[21] **2,927,412**
[13] A1

[51] **Int.Cl. B29C 47/86 (2006.01) B29C 47/26 (2006.01) B29C 47/92 (2006.01) B29C 47/06 (2006.01) B29C 55/28 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A CONTINUOUS FILM WITH A BLOWN FILM LINE**

[54] **PROCEDE DE FABRICATION D'UN FILM CONTINU AU MOYEN D'UN SYSTEME DE SOUFFLAGE DE FILMS**

[72] GANDELHEIDT, EDGAR, DE

[72] LETTOWSKY, CHRISTOPH, DE

[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE

[85] 2016-04-14

[86] 2014-10-09 (PCT/DE2014/000496)

[87] (WO2015/055162)

[30] DE (10 2013 017 111.3) 2013-10-15

[21] **2,927,416**
[13] A1

[51] **Int.Cl. B29C 47/88 (2006.01) B29C 47/08 (2006.01) B29C 47/92 (2006.01) B29C 55/28 (2006.01)**

[25] EN

[54] **BLOW FILM LINE AND METHOD FOR OPERATING A BLOW FILM LINE**

[54] **INSTALLATION DE PRODUCTION DE FEUILLES SOUFFLEES ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE INSTALLATION DE PRODUCTION DE FEUILLES SOUFFLEES**

[72] SCHUMACHER, HOLGER, DE

[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE

[85] 2016-04-14

[86] 2014-10-15 (PCT/DE2014/000521)

[87] (WO2015/055169)

[30] DE (10 2013 017 072.9) 2013-10-15

[21] **2,927,418**
[13] A1

[51] **Int.Cl. B29C 47/88 (2006.01) B29C 47/08 (2006.01) B29C 47/92 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING A BLOWN FILM WEB AS WELL AS A BLOWN FILM LINE**

[54] **PROCEDE DE FABRICATION D'UNE BANDE DE FILM SOUFFLE ET SYSTEME DE SOUFFLAGE DE FILMS**

[72] LETTOWSKY, CHRISTOPH, DE

[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE

[85] 2016-04-14

[86] 2014-10-15 (PCT/DE2014/000522)

[87] (WO2015/055170)

[30] DE (10 2013 017 116.4) 2013-10-15

[21] **2,928,896**
[13] A1

[51] **Int.Cl. D21B 1/00 (2006.01) C08H 7/00 (2011.01) C07C 1/00 (2006.01) C07C 37/00 (2006.01) C07G 1/00 (2011.01) C08G 63/00 (2006.01)**

[25] EN

[54] **CONTINUOUS LIGNIN CONVERSION PROCESS**

[54] **PROCEDE CONTINU DE CONVERSION DE LIGNINE**

[72] OTTONELLO, PIERO, IT

[72] TORRE, PAOLO, IT

[72] PARAVISI, STEFANO, IT

[72] PREFUMO, CHIARA, IT

[72] PASTORINO, PIETRO, IT

[71] BIOCHEMTEX S.P.A., IT

[85] 2016-04-27

[86] 2014-10-31 (PCT/EP2014/002926)

[87] (WO2015/062735)

[30] IT (TO 2013 A 000887) 2013-10-31

[21] **2,928,999**
[13] A1

[51] **Int.Cl. C01B 3/22 (2006.01) H01M 8/0612 (2016.01) C01B 3/02 (2006.01)**

[25] EN

[54] **A METHOD FOR STORAGE AND RELEASE OF HYDROGEN**

[54] **PROCEDE POUR LE STOCKAGE ET LA LIBERATION D'HYDROGENE**

[72] SASSON, YOEL, IL

[72] WIENER, HAROLD, IL

[72] GIVANT, ARIEL, IL

[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL

[85] 2016-04-27

[86] 2014-11-05 (PCT/IL2014/050965)

[87] (WO2015/068161)

[30] US (61/900,432) 2013-11-06

[21] **2,929,389**
[13] A1

[51] **Int.Cl. B60J 10/70 (2016.01) B29C 45/14 (2006.01)**

[25] EN

[54] **METHOD FOR FORMING VEHICLE GLASS ENCAPSULATION, VEHICLE WINDOW AND MOLD**

[54] **PROCEDE DE FORMATION D'ENCAPSULATION DE VERRE POUR VEHICULE, VITRE DE VEHICULE ET MOULE**

[72] YU, ZHIZHAO, CN

[72] LIU, LU, CN

[72] ZHOU, JUN, CN

[71] SAINT-GOBAIN GLASS FRANCE, FR

[85] 2016-05-03

[86] 2014-11-20 (PCT/CN2014/091719)

[87] (WO2015/074579)

[30] CN (201310597096.X) 2013-11-22

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[21] **2,929,805**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 19/06 (2006.01) E21B 21/10 (2006.01) E21B 44/00 (2006.01) E21B 47/06 (2012.01)**

[25] EN
[54] **SYSTEM AND METHOD FOR MUD CIRCULATION**
[54] **SYSTEME ET PROCEDE POUR CIRCULATION DE BOUES**
[72] BOWLEY, RYAN THOMAS, CA
[72] COOMBE, BRENT JAMES-WILLIAM, CA
[72] GREENING, DOUG CHRISTIAN, CA
[72] MAXWELL, COLIN TREVOR, CA
[71] TESCO CORPORATION, US
[85] 2016-05-05
[86] 2014-11-05 (PCT/US2014/064087)
[87] (WO2015/069738)
[30] US (61/901,253) 2013-11-07
[30] US (14/532,801) 2014-11-04

[21] **2,929,806**
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01) B23K 9/04 (2006.01) B23K 31/02 (2006.01)**

[25] FR
[54] **DRILL STRING ELEMENT HAVING AN IMPROVED REFILL LAYER**
[54] **ELEMENT DE GARNITURE DE FORAGE DOTE D'UNE COUCHE DE RECHARGEMENT AMELIOREE**
[72] DIDRY, THOMAS, FR
[71] VALLOUREC DRILLING PRODUCTS FRANCE, FR
[85] 2016-05-05
[86] 2014-12-22 (PCT/FR2014/053516)
[87] (WO2015/092340)
[30] FR (1363310) 2013-12-20

[21] **2,929,815**
[13] A1

[51] **Int.Cl. A23L 33/21 (2016.01) A23L 33/135 (2016.01) A61K 31/702 (2006.01) A61P 3/00 (2006.01) C12N 1/20 (2006.01) C12P 19/00 (2006.01) C12Q 1/04 (2006.01) A23L 33/125 (2016.01)**

[25] EN
[54] **COMPOSITION & METHODS OF SCREENING**
[54] **COMPOSITION ET PROCEDES DE SELECTION**
[72] O'HARA, STEPHEN PATRICK, GB
[72] RASTALL, ROBERT, GB
[71] OPTIBIOTIX LIMITED, GB
[85] 2016-05-05
[86] 2014-11-05 (PCT/GB2014/053303)
[87] (WO2015/067949)
[30] GB (1319539.1) 2013-11-05

[21] **2,929,898**
[13] A1

[51] **Int.Cl. F03D 80/40 (2016.01) F03D 1/06 (2006.01)**

[25] EN
[54] **HEATING INSTALLATION ARRANGEMENT**
[54] **AGENCEMENT D'INSTALLATION DE CHAUFFAGE**
[72] CUOGHI, JOE, GB
[72] EDWARDS, ADRIAN, GB
[72] GREGORY, KARL, GB
[72] MCCARROLL, CATHERINE ANNE, GB
[72] TODD, PAUL, GB
[71] VESTAS WIND SYSTEMS A/S, DK
[85] 2016-05-06
[86] 2014-11-10 (PCT/DK2014/050372)
[87] (WO2015/067278)
[30] DK (PA 2013 70662) 2013-11-11

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[51] **Int.Cl. C13K 13/00 (2006.01) A23L 33/105 (2016.01) A23L 33/125 (2016.01) C07H 3/02 (2006.01)**

[25] EN
[54] **PROCESSES FOR PREPARING A CARBOHYDRATE EXTRACT COMPRISING MANNOHEPTULOSE AND COMPOSITIONS COMPRISING SAME**
[54] **PROCEDES DE PREPARATION D'UN EXTRAIT GLUCIDIQUE COMPRENANT DU MANNOHEPTULOSE ET COMPOSITIONS LE COMPRENANT**
[72] MARTINEZ-SERNA VILLAGRAN, MARIA DOLORES, US
[72] BEYER, SUSAN RUTH, US
[72] TER HAAR, ROBERT H., US
[71] THE IAMS COMPANY, US
[85] 2016-05-06
[86] 2014-11-11 (PCT/US2014/065093)
[87] (WO2015/070252)
[30] US (61/902,321) 2013-11-11
[30] US (61/902,322) 2013-11-11

[21] **2,929,937**
[13] A1

[51] **Int.Cl. A61K 39/21 (2006.01) A61P 31/18 (2006.01) A61P 37/04 (2006.01) C07K 14/16 (2006.01) C12P 7/04 (2006.01) C12P 21/02 (2006.01)**

[25] EN
[54] **HIV-1 ENVELOPE PROTEINS AND FRAGMENTS THEREOF THAT POSSESS EPITOPES RECOGNIZED BY BROADLY NEUTRALIZING ANTIBODIES**
[54] **PROTEINES D'ENVELOPPE DU VIH-1 ET LEURS FRAGMENTS QUI POSSEDENT DES EPITOPES RECONNUS PAR DES ANTICORPS LARGEMENT NEUTRALISANTS**
[72] BERMAN, PHILLIP W., US
[72] TATSUNO, GWEN, US
[72] YU, BIN, US
[72] MORALES, JAVIER, US
[72] MESA, KATHRYN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-12-03
[86] 2013-09-11 (PCT/US2013/059243)
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[30] US (61/699,680) 2012-09-11

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[13] A1

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[54] **MODIFICATION OF POLYAMIDES**
[54] **MODIFICATION DE POLYAMIDES**
[72] PALYS, LEONARD H., US
[71] ARKEMA INC., US
[85] 2016-05-06
[86] 2014-10-22 (PCT/US2014/061686)
[87] (WO2015/069455)
[30] US (61/901,468) 2013-11-08

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[13] A1

[51] **Int.Cl. E21B 10/36 (2006.01) E21B 4/14 (2006.01)**
[25] EN
[54] **DOWN-THE-HOLE HAMMER DRILL BIT ASSEMBLY**
[54] **ENSEMBLE TREPAN DE MARTEAU DE FOND DE TROU**
[72] SEPPALA, CONNY, SE
[72] KARLSSON, ANNA, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2016-05-09
[86] 2014-11-10 (PCT/EP2014/074125)
[87] (WO2015/071203)
[30] EP (13193303.8) 2013-11-18

[21] **2,929,985**
[13] A1

[51] **Int.Cl. C22C 9/04 (2006.01) C22C 1/02 (2006.01) C22C 1/10 (2006.01)**
[25] EN
[54] **BRASS ALLOY COMPRISING CERAMIC NANO PARTICLES HAS IMPROVED MACHINABILITY**
[54] **ALLIAGE DE LAITON CONTENANT DES NANOPARTICULES DE CERAMIQUE, A USINABILITE AMELIOREE**
[72] SVENNINGSSON, INGE, SE
[72] NILSSON, JAN, SE
[71] NORDIC BRASS GUSUM AB, SE
[85] 2016-05-09
[86] 2014-11-12 (PCT/EP2014/074384)
[87] (WO2015/071316)
[30] SE (1351337-9) 2013-11-13

[21] **2,930,000**
[13] A1

[51] **Int.Cl. A23K 50/40 (2016.01) A23K 10/00 (2016.01) A23K 20/147 (2016.01) A23K 40/00 (2016.01)**
[25] EN
[54] **CHEWY EDIBLE COMPOSITIONS WITH EXPANDED TEXTURE**
[54] **COMPOSITIONS COMESTIBLES TENDRES DOTEES D'UNE TEXTURE EXPANSEE**
[72] RUSSELL-MAYNARD, JOHN KENYON, AU
[71] NESTEC S.A., CH
[85] 2016-05-06
[86] 2014-11-20 (PCT/IB2014/066201)
[87] (WO2015/075667)
[30] US (61/908,448) 2013-11-25

[21] **2,930,043**
[13] A1

[51] **Int.Cl. C22C 38/40 (2006.01) B22F 3/15 (2006.01)**
[25] EN
[54] **CORROSION RESISTANT DUPLEX STEEL ALLOY, OBJECTS MADE THEREOF, AND METHOD OF MAKING THE ALLOY**
[54] **ALLIAGE D'ACIER DUPLEX RESISTANT A LA CORROSION, OBJETS EN ETANT CONSTITUES, ET PROCEDE DE FABRICATION DE L'ALLIAGE**
[72] LARSSON, LINN, SE
[72] GULLBERG, DANIEL, SE
[72] KIVISAKK, ULF, SE
[72] OSTLUND, MARTIN, SE
[72] SCHEERDER, ALEXANDER ALEIDA ANTONIUS, NL
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2016-05-09
[86] 2014-12-23 (PCT/EP2014/079254)
[87] (WO2015/097253)
[30] EP (13199698.5) 2013-12-27

[21] **2,930,176**
[13] A1

[51] **Int.Cl. A21C 1/04 (2006.01) A21C 1/00 (2006.01) A21C 1/14 (2006.01) A21D 8/00 (2006.01)**
[25] EN
[54] **AN APPARATUS, SYSTEM AND METHOD FOR AN ADAPTIVE KNEADING TECHNOLOGY FOR A FOOD PREPARATION APPLIANCE**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR TECHNOLOGIE DE MELANGE ADAPTATIF POUR APPAREIL DE PREPARATION ALIMENTAIRE**
[72] ISRANI, PRANOTI NAGARKAR, SG
[72] ISRANI, RISHI, SG
[72] SYED, RIZWAN, SG
[72] SIM, KOK-CHOON, SG
[72] FAUZAN, AKHMAD, SG
[72] NAGARKAR, SHRUGAL DEEPAK, SG
[71] ZIMPLISTIC PTE. LTD., SG
[85] 2016-05-10
[86] 2014-12-24 (PCT/IB2014/003211)
[87] (WO2015/097562)
[30] SG (2013096110) 2013-12-26
[30] US (14/445,122) 2014-07-29

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[13] A1

[51] **Int.Cl. C07J 41/00 (2006.01) A61K 31/575 (2006.01) A61P 1/16 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **ARAMCHOL SALTS**
[54] **SELS D'ARAMCHOL**
[72] BAHARAFF, ALLEN, IL
[72] ESHKAR-OREN, IDIT, IL
[71] GALMED RESEARCH & DEVELOPMENT LTD., IL
[85] 2016-05-10
[86] 2014-12-04 (PCT/IL2014/051052)
[87] (WO2015/083164)
[30] US (61/911,478) 2013-12-04

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	<p>[21] 2,930,330 [13] A1</p> <p>[51] Int.Cl. A61K 38/17 (2006.01) A61K 38/18 (2006.01) A61K 45/00 (2006.01) A61P 25/28 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)</p> <p>[25] EN</p> <p>[54] DIAGNOSING AND TREATING ALZHEIMER'S DISEASE</p> <p>[54] DIAGNOSTIC ET TRAITEMENT DE LA MALADIE D'ALZHEIMER</p> <p>[72] SHI, JIONG, US</p> <p>[72] HAN, PENG CHENG, US</p> <p>[71] DIGNITY HEALTH, US</p> <p>[85] 2016-05-10</p> <p>[86] 2014-12-23 (PCT/US2014/072216)</p> <p>[87] (WO2015/100353)</p> <p>[30] US (61/921,359) 2013-12-27</p>	<p>[21] 2,930,346 [13] A1</p> <p>[51] Int.Cl. G01N 27/72 (2006.01)</p> <p>[25] EN</p> <p>[54] MONITORING CONDITION OF ELONGATED FERROUS OBJECT HAVING A LONGITUDINAL AXIS</p> <p>[54] CONTROLE DE L'ETAT D'UN OBJET FERREUX ALLONGE AYANT UN AXE LONGITUDINAL</p> <p>[72] SILVO, JONI, FI</p> <p>[72] PEKKARINEN, MATTI, FI</p> <p>[72] HOOVER, JACK, FI</p> <p>[72] AKESSON, MATS, FI</p> <p>[72] KUMPULAINEN, MATTI, FI</p> <p>[72] SAVELA, JYRKI, FI</p> <p>[71] KONECRANES GLOBAL CORPORATION, FI</p> <p>[85] 2016-05-11</p> <p>[86] 2014-11-12 (PCT/FI2014/050855)</p> <p>[87] (WO2015/071541)</p> <p>[30] FI (20136109) 2013-11-12</p>

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[13] A1

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[25] EN
[54] **DOWNHOLE TOOL**
[54] **OUTIL DE FOND DE TROU**
[72] MOYES, PETER, GB
[71] XTREME WELL TECHNOLOGY LIMITED, GB
[85] 2016-05-11
[86] 2014-11-11 (PCT/GB2014/053347)
[87] (WO2015/067972)
[30] GB (1319883.3) 2013-11-11

[21] **2,930,450**
[13] A1

[51] **Int.Cl. B23K 37/00 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **ELECTRICAL ASSEMBLIES FOR A WELDING SYSTEM**
[54] **ENSEMBLES ELECTRIQUES POUR UN SYSTEME DE SOUDAGE**
[72] BECKER, WILLIAM J., US
[72] WALKER, JAMES M., US
[72] ERDMANN, JEREMY J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065506)
[87] (WO2015/105581)
[30] US (14/149,313) 2014-01-07

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[13] A1

[51] **Int.Cl. B23K 37/04 (2006.01) B23K 9/095 (2006.01) G09B 19/24 (2006.01)**
[25] EN
[54] **WELDING STAND FOR A WELDING SYSTEM**
[54] **POSTE DE SOUDURE POUR UN SYSTEME DE SOUDURE**
[72] BECKER, WILLIAM J., US
[72] MARCUSEN, DAVID P., US
[72] PETERSON, NICHOLAS JON, US
[72] PAYNE, MARK S., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065512)
[87] (WO2015/105582)
[30] US (14/149,352) 2014-01-07

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[13] A1

[51] **Int.Cl. F24F 13/10 (2006.01)**
[25] EN
[54] **VENTILATION DAMPER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE REGISTRE D'AERATION**
[72] PENLESKY, ROBERT G., US
[72] JONAS, KENNETH J., US
[72] JACAK, COREY SCOTT, US
[71] BROAN-NUTONE LLC, US
[85] 2016-05-16
[86] 2014-11-18 (PCT/US2014/066053)
[87] (WO2015/074014)
[30] US (61/905,781) 2013-11-18
[30] US (61/935,754) 2014-02-04

[21] **2,930,842**
[13] A1

[51] **Int.Cl. A01M 23/16 (2006.01) A01M 23/30 (2006.01) A01M 23/38 (2006.01)**
[25] EN
[54] **A TRAP**
[54] **PIEGE**
[72] FRITZBOGER, PREBEN, DK
[71] WISECON A/S, DK
[85] 2016-05-17
[86] 2014-12-01 (PCT/DK2014/050408)
[87] (WO2015/081963)
[30] DK (PA 2013 70737) 2013-12-02

[21] **2,930,845**
[13] A1

[51] **Int.Cl. H01F 27/33 (2006.01) H01F 27/38 (2006.01) H01F 27/42 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REDUCING A MAGNETIC UNIDIRECTIONAL FLUX COMPONENT IN THE CORE OF A TRANSFORMER**
[54] **DISPOSITIF ET PROCEDE VISANT A REDUIRE UNE COMPOSANTE DE FLUX MAGNETIQUE CONTINU DANS LE NOYAU D'UN TRANSFORMATEUR**
[72] HAMBERGER, PETER, AT
[72] LEIKERMOSER, ALBERT, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-05-17
[86] 2013-12-10 (PCT/EP2013/076104)
[87] (WO2015/086048)

[21] **2,930,868**
[13] A1

[51] **Int.Cl. F16B 7/14 (2006.01) A47C 3/28 (2006.01)**
[25] EN
[54] **LIFT ADJUSTER AND SEATING AND/OR RECLINING FURNITURE WITH A LIFT ADJUSTER**
[54] **DISPOSITIF DE REGLAGE DE LEVAGE ET FAUTEUIL DROIT OU INCLINE EQUIPE D'UN DISPOSITIF DE LEVAGE**
[72] SARTISOHN, ERICH, DE
[71] FERDINAND LUSCH GMBH & CO. KG, DE
[85] 2016-05-17
[86] 2014-10-27 (PCT/EP2014/073015)
[87] (WO2015/071080)
[30] DE (10 2013 019 172.6) 2013-11-18

[21] **2,930,869**
[13] A1

[51] **Int.Cl. A47C 31/00 (2006.01)**
[25] EN
[54] **MANUAL OPERATING UNIT, MANUAL OPERATING SYSTEM, FURNITURE CONTROL SYSTEM, BED AND ARMCHAIR**
[54] **MODULE D'EXPLOITATION MANUELLE, SYSTEME D'EXPLOITATION MANUELLE, MECANISME DE COMMANDE DE MEUBLE, LIT ET FAUTEUIL**
[72] KOCH, WALTER, AT
[71] LOGICDATA ELECTRONIC & SOFTWARE ENTWICKLUNGS GMBH, AT
[85] 2016-05-17
[86] 2014-10-29 (PCT/EP2014/073249)
[87] (WO2015/071103)
[30] DE (10 2013 112 677.4) 2013-11-18

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **MUTATED DNA POLYMERASES WITH HIGH SELECTIVITY AND ACTIVITY**
[54] **ADN-POLYMERASES MUTEES A HAUTE SELECTIVITE ET A HAUTE ACTIVITE**
[72] MARX, ANDREAS, DE
[72] DRUM, MATTHIAS, DE
[72] KRANASTER, RAMON, DE
[71] UNIVERSITAET KONSTANZ, DE
[85] 2016-05-17
[86] 2014-12-02 (PCT/EP2014/076208)
[87] (WO2015/082449)
[30] LU (92320) 2013-12-02

[21] **2,930,879**
[13] A1

[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/52 (2006.01) G01N 33/548 (2006.01) G01N 33/549 (2006.01) G01N 33/558 (2006.01) G01N 33/68 (2006.01) G01N 33/76 (2006.01)**
[25] EN
[54] **ASSAY DEVICE**
[54] **DISPOSITIF DE DOSAGE**
[72] LEHANE, KIERAN ANDREW, GB
[72] HART, STEVEN, GB
[71] SPD SWISS PRECISION DIAGNOSTICS GMBH, CH
[85] 2016-05-17
[86] 2014-12-04 (PCT/EP2014/076643)
[87] (WO2015/082646)
[30] GB (1321430.9) 2013-12-04

[21] **2,930,919**
[13] A1

[51] **Int.Cl. A61K 36/48 (2006.01) A61K 9/00 (2006.01) A61P 3/08 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR CONTROL OF POST-PRANDIAL GLUCOSE**
[54] **COMPOSITION ET PROCEDE PERMETTANT DE REGULER LA GLYCEMIE POST-PRANDIALE**
[72] LICHTI, GOTTFRIED, AU
[72] LICHTI, CHRISTOPHER WALTER, AU
[71] OMNIBLEND INNOVATION PTY LTD, AU
[85] 2016-05-17
[86] 2014-11-19 (PCT/AU2014/001064)
[87] (WO2015/074102)
[30] AU (2013904469) 2013-11-19

[21] **2,930,945**
[13] A1

[51] **Int.Cl. H01M 10/54 (2006.01) C25C 1/18 (2006.01) H01M 4/14 (2006.01) H01M 10/06 (2006.01)**
[25] EN
[54] **DEVICES AND METHOD FOR SMELTERLESS RECYCLING OF LEAD ACID BATTERIES**
[54] **DISPOSITIFS ET PROCEDES POUR RECYCLAGE SANS FUSION DE BATTERIES AU PLOMB**
[72] CLARKE, STEPHEN R., US
[72] CLARKE, ROBERT LEWIS, US
[72] HURWITZ, MICHAEL DAVID, US
[72] KING, MICHAEL JOHN, US
[72] MOULD, SELWYN JOHN, US
[71] AQUA METALS INC., US
[85] 2016-05-17
[86] 2014-11-18 (PCT/US2014/066142)
[87] (WO2015/077227)
[30] US (61/905,941) 2013-11-19

[21] **2,930,946**
[13] A1

[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/07 (2013.01)**
[25] EN
[54] **EXTERNAL STEERABLE FIBER FOR USE IN ENDOLUMINAL DEPLOYMENT OF EXPANDABLE DEVICES**
[54] **FIBRE ORIENTABLE EXTERNE DESTINEE A ETRE UTILISEE DANS LE DEPLOIEMENT ENDOLUMINAL DE DISPOSITIFS EXPANSIBLES**
[72] BEARD, MATTHEW S., US
[72] SECTOR, MARTIN J., US
[72] SONDREAAL, MATTHEW G., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2016-05-17
[86] 2014-11-18 (PCT/US2014/066153)
[87] (WO2015/077229)
[30] US (14/084,592) 2013-11-19

[21] **2,930,958**
[13] A1

[51] **Int.Cl. A47J 37/07 (2006.01)**
[25] EN
[54] **BARBEQUE GAS BURNER ASSEMBLY**
[54] **ENSEMBLE DE BRULEURS A GAZ DE BARBECUE**
[72] DENHAM, MARK ANTHONY, ZA
[72] MCALERY, MICHAEL SHANE, ZA
[71] M5 SPORT GROUP (PTY) LTD, ZA
[85] 2016-02-25
[86] 2014-09-11 (PCT/IB2014/064440)
[87] (WO2015/036958)
[30] ZA (2013/01849) 2013-09-12

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[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DRUG DELIVERY WITH A SAFETY SYRINGE**
[54] **SYSTEME ET PROCEDE POUR L'ADMINISTRATION DE MEDICAMENT AVEC UNE SERINGUE DE SECURITE**
[72] SHLUZAS, ALAN E., US
[72] DIAZ, STEPHEN H., US
[72] SHANLEY, JOHN F., US
[72] TILLACK, JEFF, US
[72] THAYER, DAN, US
[71] CREDENCE MEDSYSTEMS INC., US
[85] 2016-05-16
[86] 2014-11-17 (PCT/US2014/065998)
[87] (WO2015/073991)
[30] US (61/904,901) 2013-11-15

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[21] **2,930,960**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 3/14 (2006.01) B01D 5/00 (2006.01) C07C 41/34 (2006.01) C07C 41/42 (2006.01) C07C 43/04 (2006.01) F25J 3/06 (2006.01)**

[25] EN

[54] **METHOD FOR PROCESSING A PRODUCT STREAM OF A DIMETHYL ETHER REACTOR BY SEPARATION TECHNOLOGY**

[54] **PROCEDE DE TRAITEMENT SEPARATIF D'UN COURANT DE PRODUIT D'UN REACTEUR DE DIMETHYLETHER**

[72] FRITZ, HELMUT, DE

[72] PESCHEL, ANDREAS, DE

[71] LINDE AKTIENGESELLSCHAFT, DE

[85] 2016-05-17

[86] 2015-01-05 (PCT/EP2015/050046)

[87] (WO2015/104238)

[30] EP (14000041.5) 2014-01-07

[21] **2,930,961**
[13] A1

[51] **Int.Cl. C07D 405/14 (2006.01) C07D 213/56 (2006.01) C07D 213/61 (2006.01) C07D 309/14 (2006.01) C07D 401/04 (2006.01) C07D 405/12 (2006.01)**

[25] EN

[54] **FLUORO-NAPHTHYL DERIVATIVES**

[54] **DERIVES DE FLUORO-NAPHTYLE**

[72] GROEBKE ZBINDEN, KATRIN, CH

[72] PINARD, EMMANUEL, FR

[72] RYCKMANS, THOMAS, FR

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

[85] 2016-05-17

[86] 2015-01-19 (PCT/EP2015/050830)

[87] (WO2015/110370)

[30] EP (14152124.5) 2014-01-22

[21] **2,930,962**
[13] A1

[51] **Int.Cl. B27N 3/00 (2006.01) B27N 3/18 (2006.01) C08L 97/00 (2006.01) C08L 97/02 (2006.01) G01N 21/29 (2006.01) G01N 21/59 (2006.01) G01N 21/88 (2006.01)**

[25] EN

[54] **A FIBER BASED PRODUCT**

[54] **PRODUIT A BASE DE FIBRES**

[72] PIETARINEN, SUVI, FI

[72] VALKONEN, SANNA, FI

[72] RINGENA, OKKO, DE

[71] UPM-KYMMENE CORPORATION, FI

[85] 2016-05-17

[86] 2015-01-27 (PCT/FI2015/050051)

[87] (WO2015/114211)

[30] FI (20145090) 2014-01-28

[21] **2,930,963**
[13] A1

[51] **Int.Cl. A61H 15/00 (2006.01)**

[25] EN

[54] **MUSCLE THERAPY DEVICE**

[54] **DISPOSITIF DE THERAPIE MUSCULAIRE**

[72] DE NITTO, MARK JOSEPH, US

[71] TRIGGER-PIN! LLC., US

[85] 2016-05-17

[86] 2014-11-19 (PCT/US2014/066382)

[87] (WO2015/077323)

[30] US (61/963,083) 2013-11-22

[30] US (14/510,635) 2014-10-09

[21] **2,930,964**
[13] A1

[51] **Int.Cl. A61K 38/55 (2006.01) A61K 35/16 (2015.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **METHODS OF TREATING ANTIBODY-MEDIATED REJECTION IN ORGAN TRANSPLANT PATIENTS WITH C1-ESTERASE INHIBITOR**

[54] **METHODES DE TRAITEMENT DE REJET MEDIE PAR LES ANTICORPS CHEZ DES PATIENTS TRANSPLANTES A L'AIDE D'UN INHIBITEUR DE C1-ESTERASE**

[72] BROOM, COLIN, US

[72] UKNIS, MARC, E., US

[71] SHIRE VIROPHARMA INCORPORATED, US

[85] 2016-05-17

[86] 2014-11-21 (PCT/US2014/066784)

[87] (WO2015/077543)

[30] US (61/907,550) 2013-11-22

[30] US (62/029,086) 2014-07-25

[21] **2,930,965**
[13] A1

[51] **Int.Cl. C07D 487/22 (2006.01) A61K 31/4178 (2006.01)**

[25] EN

[54] **SYNTHESIS AND FORMULATIONS OF PORPHYRIN COMPOUNDS**

[54] **SYNTHESE ET FORMULATION DE COMPOSES DE PORPHYRINES**

[72] BRITAIN, JASON, US

[72] STANLEY, CHRIS, US

[72] KOLCHINSKI, ALEXANDER, US

[72] MIRMEHRABI, MAHMOUD, US

[72] BELL, DUANE, US

[71] AEOLUS SCIENCES, INC., US

[85] 2016-05-17

[86] 2014-11-21 (PCT/US2014/066923)

[87] (WO2015/077627)

[30] US (61/907,664) 2013-11-22

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[21] **2,930,966**
[13] A1

[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/706 (2006.01) C07H 15/26 (2006.01)**

[25] EN

[54] **DESFERRITHIOCIN ANALOGS AND USES THEREOF**

[54] **ANALOGUES DE LA DESFERRITHIOCINE ET LEURS UTILISATIONS**

[72] BERGERON, RAYMOND J., JR., US

[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US

[85] 2016-05-17

[86] 2014-11-21 (PCT/US2014/066965)

[87] (WO2015/077655)

[30] US (61/907,913) 2013-11-22

[21] **2,930,967**
[13] A1

[51] **Int.Cl. C12N 7/00 (2006.01) A61K 35/76 (2015.01)**

[25] EN

[54] **ONCOLYTIC ADENOVIRUSES WITH INCREASED PROPORTION OF THE 156R SPLICING ISOFORM OF THE E1 B PROTEIN**

[54] **ADENOVIRUS ONCOLYTIQUES PRESENTANT UNE PROPORTION AUGMENTEE DE L'ISOFORME D'EPISSAGE 156R DE LA PROTEINE E1 B**

[72] OBERG, HANS DANIEL, SE

[71] IXOGEN LTD, GB

[85] 2016-05-17

[86] 2013-11-29 (PCT/GB2013/053177)

[87] (WO2014/083362)

[30] GB (1221590.1) 2012-11-30

[21] **2,930,968**
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) B29C 71/02 (2006.01)**

[25] EN

[54] **METHOD FOR PRINTING THREE-DIMENSIONAL PARTS WITH CRYSTALLIZATION KINETICS CONTROL**

[54] **PROCEDE D'IMPRESSIION DE PIECES TRIDIMENSIONNELLES AVEC CONTROLE CINETIQUE DE LA CRISTALLISATION**

[72] RODGERS, LUKE M.B., US

[72] JAKER, VITTORIO L., US

[71] STRATASYS, INC., US

[85] 2016-05-17

[86] 2014-11-24 (PCT/US2014/067093)

[87] (WO2015/081009)

[30] US (61/909,611) 2013-11-27

[30] US (14/532,465) 2014-11-04

[21] **2,930,969**
[13] A1

[51] **Int.Cl. A01K 47/00 (2006.01)**

[25] EN

[54] **GRID RING BROOD COMB FRAME FOR CYLINDRICAL BROOD CHAMBER HIVES**

[54] **CADRE DE RAYON A COUVAIN A ANNEAU QUADRILLE POUR DES RUCHES A CHAMBRE A COUVAIN CYLINDRIQUE**

[72] DOMOCSOK, BELA, HU

[71] DOMOCSOK, BELA, HU

[85] 2016-05-17

[86] 2014-11-26 (PCT/HU2014/000115)

[87] (WO2015/079275)

[30] HU (P1300691) 2013-11-29

[21] **2,930,970**
[13] A1

[51] **Int.Cl. E21B 29/02 (2006.01) E21B 34/06 (2006.01)**

[25] EN

[54] **METHODS OF REMOVING A WELLBORE ISOLATION DEVICE USING GALVANIC CORROSION OF A METAL ALLOY IN SOLID SOLUTION**

[54] **PROCEDE DE RETRAIT D'UN DISPOSITIF D'ISOLATION DE PUIITS DE FORAGE A L'AIDE DE LA CORROSION GALVANIQUE D'UN ALLIAGE METALLIQUE DANS UNE SOLUTION SOLIDE**

[72] FRIPP, MICHAEL L., US

[72] WALTON, ZACHARY W., US

[72] MURPHREE, ZACHARY R., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-05-17

[86] 2014-12-03 (PCT/US2014/068442)

[87] (WO2015/134074)

[30] US (14/199,820) 2014-03-06

[21] **2,930,971**
[13] A1

[51] **Int.Cl. H04N 5/63 (2006.01) G05B 11/00 (2006.01) G08B 21/02 (2006.01) H04M 1/00 (2006.01)**

[25] EN

[54] **SENSOR**

[54] **CAPTEUR**

[72] EMBY, BERNARD CHRISTOPHER, CN

[71] TRICKLESTAR LIMITED, CN

[85] 2016-05-17

[86] 2014-03-13 (PCT/IB2014/000321)

[87] (WO2015/075510)

[30] US (61/907,035) 2013-11-21

[30] US (14/205,928) 2014-03-12

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[21] **2,930,972**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **GENE SIGNATURES FOR RENAL CANCER PROGNOSIS**
[54] **SIGNATURES GENIQUES POUR PRONOSTIQUER UN CANCER DU REIN**
[72] STONE, STEVEN, US
[72] REID, JULIA, US
[72] ASKELAND, ERIC J., US
[72] BROWN, JAMES A., US
[71] MYRIAD GENETICS, INC., US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2016-05-17
[86] 2014-12-04 (PCT/US2014/068628)
[87] (WO2015/085095)
[30] US (61/911,926) 2013-12-04

[21] **2,930,973**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **C/EBP ALPHA COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS C/EBP ALPHA ET METHODES D'UTILISATION**
[72] SAERTROM, PAL, NO
[71] MINA THERAPEUTICS LIMITED, GB
[85] 2016-05-17
[86] 2014-11-24 (PCT/IB2014/003054)
[87] (WO2015/075557)
[30] US (61/907,732) 2013-11-22

[21] **2,930,974**
[13] A1

[51] **Int.Cl. B66D 3/14 (2006.01) F16G 11/12 (2006.01) F16G 15/00 (2006.01)**
[25] EN
[54] **LEVER BINDER**
[54] **PALAN A LEVIER**
[72] MCNEILLY, CECIL, CA
[71] MCNEILLY, CECIL, CA
[85] 2016-05-17
[86] 2014-11-18 (PCT/IB2014/002925)
[87] (WO2015/075547)
[30] US (61/905,876) 2013-11-19

[21] **2,930,976**
[13] A1

[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/47 (2006.01) A61F 13/531 (2006.01)**
[25] EN
[54] **ABSORBENT PADS COMPRISING ZONES OF DIFFERENTIAL ABSORBENT CAPACITY**
[54] **SERVIETTES ABSORBANTES COMPRENANT DES ZONES DE CAPACITE D'ABSORPTION DIFFERENTIELLE**
[72] CARLUCCI, GIOVANNI, IT
[72] PERI, ANDREA, DE
[72] BELLUCCI, REMO, US
[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US
[72] KIRKBRIDE, TANA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-05-17
[86] 2014-12-08 (PCT/US2014/069011)
[87] (WO2015/094733)
[30] US (61/918,799) 2013-12-20

[21] **2,930,978**
[13] A1

[51] **Int.Cl. B05B 1/02 (2006.01) B05B 1/06 (2006.01) B05B 5/057 (2006.01)**
[25] EN
[54] **LONG-LIFE PLASMA NOZZLE WITH LINER**
[54] **BUSE A PLASMA A LONGUE DUREE DE VIE COMPORTANT UNE CHEMISE CONDUCTRICE**
[72] MOLZ, RONALD J., US
[72] HAWLEY, DAVE, US
[71] OERLIKON METCO (US) INC., US
[85] 2016-05-17
[86] 2013-12-19 (PCT/US2013/076631)
[87] (WO2015/094295)

[21] **2,930,981**
[13] A1

[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/47 (2006.01) A61F 13/531 (2006.01)**
[25] EN
[54] **ABSORBENT PADS COMPRISING ZONES OF DIFFERENTIAL ABSORBENT CAPACITY**
[54] **TAMPONS ABSORBANTS COMPRENANT DES ZONES DE CAPACITE ABSORBANTE DIFFERENTIELLE**
[72] CARLUCCI, GIOVANNI, IT
[72] PERI, ANDREA, DE
[72] BELLUCCI, REMO, US
[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US
[72] KIRKBRIDE, TANA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-05-17
[86] 2014-12-08 (PCT/US2014/069012)
[87] (WO2015/094734)
[30] US (61/918,883) 2013-12-20

[21] **2,930,982**
[13] A1

[51] **Int.Cl. B32B 5/18 (2006.01) B32B 3/12 (2006.01) B32B 15/08 (2006.01) B32B 27/08 (2006.01) E04C 2/10 (2006.01)**
[25] EN
[54] **HIGH STRENGTH THERMAL BARRIER PANEL FOR AN H.V.A.C. UNIT HOUSING**
[54] **PANNEAU BARRIERE THERMIQUE A HAUTE RESISTANCE POUR LOGEMENT D'UNITE CVCA**
[72] KUPFERBERG, ROBERT JEFFREY, CA
[72] MELDRUM, ILYE, CA
[71] KUPFERBERG, ROBERT JEFFREY, CA
[85] 2016-05-17
[86] 2014-06-25 (PCT/IB2014/062601)
[87] (WO2015/114415)
[30] US (14/166,059) 2014-01-28
[30] US (14/271,772) 2014-05-07

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[21] **2,930,984**
[13] A1

[51] **Int.Cl. A61F 13/475 (2006.01) A61F 13/47 (2006.01) A61F 13/531 (2006.01)**

[25] EN

[54] **ABSORBENT PADS COMPRISING ZONES OF DIFFERENTIAL ABSORBENT CAPACITY**

[54] **GARNITURES ABSORBANTES COMPRENANT DES ZONES A CAPACITE D'ABSORPTION DIFFERENTIELLE**

[72] CARLUCCI, GIOVANNI, IT

[72] PERI, ANDREA, DE

[72] BELLUCCI, REMO, US

[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US

[72] KIRKBRIDE, TANA, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-05-17

[86] 2014-12-08 (PCT/US2014/069014)

[87] (WO2015/094735)

[30] US (61/918,899) 2013-12-20

[21] **2,930,985**
[13] A1

[51] **Int.Cl. C09K 8/24 (2006.01) E21B 21/00 (2006.01) E21B 21/14 (2006.01)**

[25] EN

[54] **FLUID LOSS ADDITIVE FOR WATER BASED DRILLING FLUIDS WITH IMPROVED THERMAL STABILITY**

[54] **ADDITIF DE PERTE DE FLUIDE POUR FLUIDES DE FORAGE A BASE D'EAU PRESENTANT UNE STABILITE THERMIQUE AMELIOREE**

[72] ZHA, WEIBIN, US

[72] ZHOU, HUI, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-05-17

[86] 2013-12-26 (PCT/US2013/077819)

[87] (WO2015/099735)

[21] **2,930,987**
[13] A1

[51] **Int.Cl. A61K 31/202 (2006.01) A61P 9/02 (2006.01) A61P 19/02 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **CYP450 LIPID METABOLITES REDUCE INFLAMMATION AND ANGIOGENESIS**

[54] **METABOLITES LIPIDIQUES DE CYP450 POUR LA REDUCTION DE L'INFLAMMATION ET DE L'ANGIOGENESE**

[72] CONNOR, KIP M., US

[72] YANAI, RYOJI, US

[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US

[85] 2016-05-17

[86] 2014-01-09 (PCT/US2014/010880)

[87] (WO2014/110261)

[30] US (61/751,617) 2013-01-11

[21] **2,930,988**
[13] A1

[51] **Int.Cl. B05B 1/08 (2006.01) B05C 5/02 (2006.01) B05C 9/00 (2006.01)**

[25] EN

[54] **FLUID APPLICATION DEVICE HAVING A MODULAR CONTACT NOZZLE WITH A FLUIDIC OSCILLATOR**

[54] **DISPOSITIF D'APPLICATION DE FLUIDE A BUSE DE CONTACT MODULAIRE A OSCILLATEUR FLUIDIQUE**

[72] BOLYARD, EDWARD WAYNE, JR., US

[71] ILLINOIS TOOL WORKS INC., US

[85] 2016-05-17

[86] 2014-12-08 (PCT/US2014/069117)

[87] (WO2015/112265)

[30] US (61/929,744) 2014-01-21

[30] US (14/539,517) 2014-11-12

[21] **2,930,989**
[13] A1

[51] **Int.Cl. G06Q 50/02 (2012.01) G01C 11/00 (2006.01) G01N 21/27 (2006.01)**

[25] EN

[54] **APPARATUS FOR AND METHOD OF FOREST-INVENTORY MANAGEMENT**

[54] **APPAREIL ET PROCEDE DE GESTION D'INVENTAIRE FORESTIER**

[72] GREEN, PHILIP E. J., CA

[72] ST-ONGE, BENOIT, CA

[71] FIRST RESOURCE MANAGEMENT GROUP INC., CA

[85] 2016-05-17

[86] 2014-11-25 (PCT/IB2014/066331)

[87] (WO2015/075700)

[30] US (61/908,436) 2013-11-25

[21] **2,930,990**
[13] A1

[51] **Int.Cl. G05B 19/042 (2006.01) G05B 17/02 (2006.01) H04M 11/04 (2006.01)**

[25] EN

[54] **MAINTAINING UP-TO-DATE HOME AUTOMATION MODELS**

[54] **MISE A JOUR DE MODELES DOMOTIQUES**

[72] HOLLEY, ERIC, US

[71] ECHOSTAR TECHNOLOGIES L.L.C., US

[85] 2016-05-17

[86] 2014-09-03 (PCT/US2014/053876)

[87] (WO2015/088603)

[30] US (61/914,856) 2013-12-11

[30] US (14/475,252) 2014-09-02

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[21] **2,930,992**
[13] A1

[51] **Int.Cl. B42D 25/00 (2014.01) G06K 19/06 (2006.01)**
[25] FR
[54] **IDENTIFICATION DOCUMENT COMPRISING A TWO-DIMENSIONAL BARCODE**
[54] **DOCUMENT D'IDENTIFICATION COMPORTANT UN CODE-BARRES BIDIMENSIONNEL**
[72] PHILLIPS, ROBIN, FR
[72] COHEN, MARK, FR
[72] QUEMENEUR, JEAN-YVES, FR
[72] BELKHITER, DJILALI, FR
[72] LAFON, JEAN-PIERRE, FR
[72] NOUVEL, PATRICK, FR
[71] THALES, FR
[85] 2016-05-18
[86] 2014-11-19 (PCT/EP2014/074979)
[87] (WO2015/075053)
[30] FR (13 02660) 2013-11-19

[21] **2,930,996**
[13] A1

[51] **Int.Cl. B29C 70/28 (2006.01) B29C 70/48 (2006.01)**
[25] EN
[54] **IN-LINE PLASMA SOURCE FOR INTRODUCING PIECES OF SPREAD CARBON FIBER TOW INTO MOLDING COMPOSITIONS ON A COMPOUNDING PRODUCTION LINE**
[54] **SOURCE DE PLASMA EN LIGNE PERMETTANT L'INTRODUCTION DE MORCEAUX D'UN CABLE EN FIBRES DE CARBONE DISPERSEES DANS DES COMPOSITIONS DE MOULAGE D'UNE CHAINE DE PRODUCTION DE COMPOSES**
[72] MACHER, FRANK, US
[72] GUHA, PROBIR KUMAR, US
[72] SIWAJEK, MICHAEL J., US
[72] SKOP, SHANE, US
[72] RANE, RAHUL, US
[72] BURLEY, ADAM, US
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2016-05-17
[86] 2014-12-03 (PCT/US2014/068369)
[87] (WO2015/084956)
[30] US (61/911,223) 2013-12-03

[21] **2,930,997**
[13] A1

[51] **Int.Cl. B22F 1/00 (2006.01) B23K 35/02 (2006.01) B23K 35/30 (2006.01) C22C 1/04 (2006.01) C22C 33/02 (2006.01)**
[25] EN
[54] **PREFORMS FOR BRAZING**
[54] **PREFORMES POUR BRASAGE**
[72] KNUTSSON, PER, SE
[72] SZABO, CHRISTOPHE, DE
[71] HOGANAS AB (PUBL), SE
[85] 2016-05-18
[86] 2014-11-20 (PCT/EP2014/075146)
[87] (WO2015/075122)
[30] EP (13194086.8) 2013-11-22

[21] **2,931,000**
[13] A1

[51] **Int.Cl. C07F 9/54 (2006.01) A61K 31/66 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **MITOCHONDRIA-TARGETED DICARBONYL SEQUESTERING COMPOUNDS**
[54] **COMPOSES DE SEQUESTRATION DE GROUPES DICARBONYLES CIBLANT LES MITOCHONDRIES**
[72] MURPHY, MICHAEL PATRICK, GB
[72] SMITH, ROBIN ANDREW JAMES, NZ
[72] HARTLEY, RICHARD CHARLES, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2016-05-18
[86] 2014-11-21 (PCT/EP2014/075323)
[87] (WO2015/075200)
[30] GB (1320636.2) 2013-11-22

[21] **2,931,001**
[13] A1

[51] **Int.Cl. A61K 39/40 (2006.01)**
[25] EN
[54] **PASSIVE IMMUNIZATION FOR STAPHYLOCOCCUS INFECTIONS**
[54] **IMMUNISATION PASSIVE POUR INFECTIONS PAR LE STAPHYLOCOCCUS**
[72] DAISS, JOHN L., US
[72] SCHWARZ, EDWARD, US
[72] VARRONE, JOHN J., US
[72] BRODELL, JAMES, US
[72] BELLO-IRIZARRY, SHEILA N., US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2016-05-17
[86] 2014-12-15 (PCT/US2014/070337)
[87] (WO2015/089502)
[30] US (61/915,953) 2013-12-13

[21] **2,931,002**
[13] A1

[51] **Int.Cl. A44C 21/00 (2006.01)**
[25] EN
[54] **NICKEL PLATED ZINC ALLOYS FOR COINAGE**
[54] **ALLIAGES DE ZINC NICKELES POUR MONNAYAGE**
[72] RAUCH, WILLIAM L., US
[72] DELSORBO, CARL R., US
[72] BEETS, RANDY, US
[71] JARDEN ZINC PRODUCTS, LLC, US
[85] 2016-05-17
[86] 2014-12-22 (PCT/US2014/071945)
[87] (WO2015/095874)
[30] US (61/919,364) 2013-12-20

[21] **2,931,004**
[13] A1

[51] **Int.Cl. B03D 1/01 (2006.01) B03D 1/004 (2006.01) B03D 1/018 (2006.01) B03D 1/06 (2006.01)**
[25] EN
[54] **MINERAL ORE FLOTATION USING A MODIFIER TO ENHANCE THE HYDROPHOBICITY OF THE TARGET MATERIAL**
[54] **FLOTTATION DE MINERAI UTILISANT UN MODIFICATEUR POUR RENFORCER L'HYDROPHOBICITE DU MATERIAU CIBLE**
[72] DANYLIW, BRIAN, US
[72] RICHARDSON, JOHN, US
[71] CHEMTREAT, INC., US
[85] 2016-05-17
[86] 2014-12-22 (PCT/US2014/071949)
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[54] **AGENTS CIBLANT LE CARTILAGE ET LEUR UTILISATION**

[72] BARON, JEFFREY, US

[72] CHEUNG, CRYSTAL SAO FONG, US

[72] LUI, JULIAN CHUN KIN, US

[72] DIMITROV, DIMITER, US

[72] ZHU, ZHONGYU, US

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

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[30] US (61/927,904) 2014-01-15

[21] **2,931,006**
[13] A1

[51] **Int.Cl. B05C 17/005 (2006.01) A61D 7/00 (2006.01) A61J 7/00 (2006.01) A61M 5/20 (2006.01) A61M 5/315 (2006.01) B05C 17/01 (2006.01)**

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[54] **A FLUID DISPENSER**

[54] **DISTRIBUTEUR DE LIQUIDE**

[72] BUCKLEY, PAUL FLEMING, NZ

[72] LYND, MALCOLM, NZ

[71] TE PARI PRODUCTS LIMITED, NZ

[85] 2016-05-17

[86] 2015-01-27 (PCT/NZ2015/000005)

[87] (WO2015/112027)

[30] NZ (631439) 2014-01-27

[30] NZ (628257) 2014-08-04

[30] NZ (631519) 2014-09-12

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[21] **2,931,007**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) E03B 7/07 (2006.01) G05B 19/042 (2006.01) G05D 7/06 (2006.01)**

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[54] **DETECTION AND MITIGATION OF WATER LEAKS WITH HOME AUTOMATION**

[54] **DETECTION ET ATTENUATION DES FUITES D'EAU AVEC LA DOMOTIQUE**

[72] MCCARTHY, BERNARD ANTHONY, III, US

[72] KUMMER, DAVID, US

[71] ECHOSTAR TECHNOLOGIES L.L.C., US

[85] 2016-05-17

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[30] US (14/485,038) 2014-09-12

[21] **2,931,008**
[13] A1

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[54] **INTEGRATED CYCLONE ASSEMBLY**

[54] **ENSEMBLE DE CYCLONE INTEGRE**

[72] TAMMERA, ROBERT FRANK, US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2016-05-17

[86] 2014-10-20 (PCT/US2014/061302)

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[30] US (14/097,631) 2013-12-05

[21] **2,931,009**
[13] A1

[51] **Int.Cl. H01H 3/14 (2006.01) G05G 1/44 (2009.01) G05G 5/02 (2006.01) H01H 9/28 (2006.01) H01H 21/26 (2006.01) H01H 21/32 (2006.01)**

[25] EN

[54] **FOOTSWITCH ASSEMBLY**

[54] **ENSEMBLE INTERRUPTEUR AU PIED**

[72] HOLLYOAK, STEPHEN, GB

[71] HUNTLEIGH TECHNOLOGY LIMITED, GB

[85] 2016-05-18

[86] 2014-11-14 (PCT/GB2014/053376)

[87] (WO2015/075427)

[30] GB (1320567.9) 2013-11-21

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[54] **FASTENER FOR MECHANICALLY LINKED CONVEYOR BELTS**

[54] **RACCORD POUR CONNEXION MECANIQUE DE BANDES CONVOYEUSES**

[72] KOVALCHUK, VOLODYMYR, UA

[72] BEREZHYSKYI, VOLODYMYR, UA

[72] HANZIUK, VOLODYMYR, UA

[71] KOVALCHUK, VOLODYMYR, UA

[85] 2016-05-17

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[30] UA (a 2013 13457) 2013-11-19

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[25] EN

[54] **H7N9 INFLUENZA A THERAPIES WITH ANTI-H7 VIRUS ANTIBODIES**

[54] **THERAPIES CONTRE LA GRIPPE A H7N9 FAISANT INTERVENIR DES ANTICORPS ANTI-VIRUS H7**

[72] CHAI, NING, US

[72] MCBRIDE, JACQUELINE, US

[72] SWEM, LEE, US

[71] GENENTECH, INC., US

[85] 2016-05-17

[86] 2015-01-26 (PCT/US2015/012942)

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[30] US (61/931,949) 2014-01-27

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[13] A1

[51] **Int.Cl. B65D 51/00 (2006.01)**

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[54] **CLOSURE ASSEMBLY FOR BOTTLE AND ASSEMBLY METHOD**

[54] **ENSEMBLE DE FERMETURE POUR BOUTEILLE ET PROCEDE D'ASSEMBLAGE**

[72] MUTTERLE, ANTONIO, IT

[71] MUTTERLE, ANTONIO, IT

[85] 2016-05-18

[86] 2014-11-28 (PCT/EP2014/075977)

[87] (WO2015/082354)

[30] IT (MI2013A002005) 2013-12-02

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[54] **SYNTHESIS OF TRANS-8-CHLORO-5-METHYL-1-[4-(PYRIDIN-2-YLOXY)-CYCLOHEXYL]-5,6-DIHYDRO-4H-2,3,5,10B-TETRAAZA-BENZO[E]AZULENE AND CRYSTALLINE FORMS THEREOF**

[54] **SYNTHESE DE TRANS-8-CHLORO-5-METHYL-1-[4-(PYRIDIN-2-YLOXY)-CYCLOHEXYL]-5,6-DIHYDRO-4H-2,3,5,10B-TETRAAZA-BENZO[E]AZULENE ET LEURS FORMES CRISTALLINES**

[72] ROTHENHAEUSLER, BENNO, DE
[72] TRUSSARDI, RENE, CH
[72] HOFFMANN-EMERY, FABIENNE, DE

[72] SCHWITTER, URS, CH
[72] ADAM, JEAN-MICHEL, FR
[72] GRASSMANN, OLAF, DE
[72] HARTUNG, THOMAS, DE
[72] RAN, FREDERIC, FR
[72] DIODONE, RALPH, DE
[72] PFLEGER, CHRISTOPHE, FR
[72] BARTELS, BJOERN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-05-18
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[87] (WO2015/082370)
[30] EP (13195864.7) 2013-12-05

[21] **2,931,017**
[13] A1

[51] **Int.Cl. A61M 5/148 (2006.01) A61M 39/20 (2006.01) A61M 39/22 (2006.01)**

[25] EN

[54] **MEDICANT INJECTION DEVICE**

[54] **DISPOSITIF D'INJECTION DE MEDICAMENTS**

[72] GARDNER, CHRISTOPHER, US
[72] BANIK, ROBERT, US
[72] MCGURK, THOMAS LEO, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2016-05-17
[86] 2014-11-18 (PCT/US2014/066244)
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[30] US (61/905,621) 2013-11-18

[21] **2,931,018**
[13] A1

[51] **Int.Cl. B23K 35/28 (2006.01) B23K 35/00 (2006.01) B23K 35/02 (2006.01) C22C 21/02 (2006.01)**

[25] EN

[54] **ALUMINIUM ALLOY WELDING CONSUMABLE AND METHOD FOR METALLURGICAL BONDING**

[54] **CONSOMMABLE POUR LE SOUDAGE D'ALLIAGE D'ALUMINIUM ET PROCEDE DE LIAISON METALLURGIQUE**

[72] ANDERSON, BRUCE EDWARD, US
[72] HSU, CHRISTOPHER, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-17
[86] 2014-11-19 (PCT/US2014/066282)
[87] (WO2015/112244)
[30] US (14/161,432) 2014-01-22

[21] **2,931,019**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **IMIDAZOPYRIMIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**

[54] **DERIVES D'IMIDAZOPYRIMIDINE A TITRE DE MODULATEURS DE L'ACTIVITE DU TNF**

[72] ALI, MEZHER HUSSEIN, GB
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] BROWN, JULIEN ALISTAIR, GB
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-18
[86] 2014-12-08 (PCT/EP2014/076836)
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[30] GB (1321736.9) 2013-12-09

[21] **2,931,020**
[13] A1

[51] **Int.Cl. C01B 3/00 (2006.01) H01M 14/00 (2006.01) H05H 1/00 (2006.01)**

[25] EN

[54] **POWER GENERATION SYSTEMS AND METHODS REGARDING SAME**

[54] **SYSTEMES DE PRODUCTION D'ENERGIE ET PROCEDES LES CONCERNANT**

[72] MILLS, RANDELL, US
[71] BRILLIANT LIGHT POWER, INC., US
[85] 2016-05-18
[86] 2014-01-10 (PCT/IB2014/058177)
[87] (WO2015/075566)
[30] US (61/906,792) 2013-11-20
[30] US (61/909,216) 2013-11-26
[30] US (61/911,932) 2013-12-04
[30] US (61/919,496) 2013-12-20
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[21] **2,931,022**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **IMIDAZOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**

[54] **DERIVES D'IMIDAZOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**

[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-18
[86] 2014-12-08 (PCT/EP2014/076837)
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[30] GB (1321735.1) 2013-12-09

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[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR THE TREATMENT AND PREVENTION OF METASTATIC CANCER**
[54] **COMPOSITIONS PHARMACEUTIQUES ET METHODES DESTINEES AU TRAITEMENT ET A LA PREVENTION DU CANCER METASTATIQUE**
[72] DEVARY, YORAM, IL
[72] SANDLER, UZIEL, IL
[71] IMMUNE SYSTEM KEY LTD., IL
[85] 2016-05-18
[86] 2014-12-04 (PCT/IL2014/051058)
[87] (WO2015/083167)
[30] US (61/912,156) 2013-12-05

[21] **2,931,024**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONVENIENT AND SECURE MOBILE TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES POUR DES TRANSACTIONS MOBILES PRATIQUES ET SECURISEES**
[72] TANG, WEIMING, US
[72] BREWER, JAMES MATTHEW, US
[71] WAYNE FUELING SYSTEMS LLC, US
[85] 2016-05-17
[86] 2014-11-19 (PCT/US2014/066359)
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[30] US (14/083,948) 2013-11-19

[21] **2,931,025**
[13] A1

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[54] **USER INTERFACE FOR A TACTICAL BATTLE MANAGEMENT SYSTEM**
[54] **INTERFACE UTILISATEUR POUR SYSTEME DE GESTION DE COMBAT TACTIQUE**
[72] DEGRANDPRE, PAUL, CA
[72] HUNTER, DARREN, CA
[72] MOREAU, JEAN-FRANCOIS, CA
[72] VOISIN, DEREK, CA
[71] THALES CANADA INC., CA
[85] 2016-05-18
[86] 2014-12-01 (PCT/CA2014/000859)
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[30] US (61/910,686) 2013-12-02

[21] **2,931,026**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **IMIDAZOPYRIDAZINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOPYRIDAZINE A TITRE DE MODULATEURS DE L'ACTIVITE DU TNF**
[72] ALI, MEZHER HUSSEIN, GB
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] BROWN, JULIEN ALISTAIR, GB
[72] HUTCHINGS, MARTIN CLIVE, GB
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] PORTER, JOHN ROBERT, GB
[72] QUINCEY, JOANNA RACHEL, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-18
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[87] (WO2015/086501)
[30] GB (1321734.4) 2013-12-09

[21] **2,931,027**
[13] A1

[51] **Int.Cl. C08L 95/00 (2006.01)**
[25] EN
[54] **MODIFIED COLD APPLIED ASPHALT EMULSION**
[54] **EMULSION D'ASPHALTE MODIFIEE APPLIQUEE A FROID**
[72] SUBOTIC, DUSAN V., CA
[72] KASITSKAYA, LARISA, CA
[72] STANKOVIC, SRDJAN, CA
[71] HENRY COMPANY LLC, US
[85] 2016-05-17
[86] 2014-11-25 (PCT/US2014/067315)
[87] (WO2015/081069)
[30] US (61/908,910) 2013-11-26

[21] **2,931,028**
[13] A1

[51] **Int.Cl. A61L 27/40 (2006.01) A61F 2/12 (2006.01) A61L 27/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE IMPLANT WITH SELF-SEALING ELASTOMERIC MEMBRANE AND METHODS OF FABRICATION THEREOF**
[54] **IMPLANT AJUSTABLE A MEMBRANE ELASTOMERE AUTO-OBTURANTE ET SES PROCEDES DE FABRICATION**
[72] RENKE, PETER, CA
[71] IMPLANTADJUST, L.L.C., US
[85] 2016-05-13
[86] 2013-11-14 (PCT/US2013/070035)
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[30] US (61/726,198) 2012-11-14
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[21] **2,931,029**
[13] A1

[51] **Int.Cl. A01G 23/06 (2006.01)**
[25] EN
[54] **CUTTING TOOTH FOR A STUMP CUTTING APPARATUS**
[54] **DENT COUPANTE POUR APPAREIL DE DESSOUCHAGE**
[72] GREEN, KEVIN J., US
[72] HOLLY, BRIAN P., US
[71] GREEN MANUFACTURING, INC., US
[85] 2016-05-17
[86] 2014-11-26 (PCT/US2014/067592)
[87] (WO2015/081185)
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[13] A1

[51] **Int.Cl. B29C 45/77 (2006.01) B29C 45/78 (2006.01)**
[25] EN
[54] **RESIN TRANSFER MOLDING WITH RAPID CYCLE TIME**
[54] **MOULAGE PAR TRANSFERT DE RESINE AVEC TEMPS DE CYCLE RAPIDE**
[72] GUHA, PROBIR KUMAR, US
[72] SIWAJEK, MICHAEL J., US
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2016-05-17
[86] 2014-12-03 (PCT/US2014/068326)
[87] (WO2015/084933)
[30] US (61/910,974) 2013-12-03

[21] **2,931,031**
[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61P 25/22 (2006.01)**
[25] EN
[54] **STRESS MANAGEMENT IN LIVESTOCK**
[54] **GESTION DU STRESS DU BETAIL**
[72] QUINN, JANE, AU
[72] EDWARDS, SCOTT, AU
[72] COMBS, MARTIN, AU
[71] CHARLES STURT UNIVERSITY, AU
[85] 2016-05-18
[86] 2014-11-20 (PCT/AU2014/050362)
[87] (WO2015/074114)
[30] AU (2013904516) 2013-11-20

[21] **2,931,032**
[13] A1

[51] **Int.Cl. F01D 5/02 (2006.01) F01D 25/04 (2006.01) F16F 15/32 (2006.01) G01M 1/36 (2006.01)**
[25] FR
[54] **BALANCED TURBINE ENGINE PORTION AND TURBINE ENGINE**
[54] **PARTIE DE TURBOMACHINE EQUILIBREE ET TURBOMACHINE**
[72] LE STRAT, JEAN-LUC, FR
[72] POHIER, HERVE, FR
[71] SNECMA, FR
[85] 2016-05-18
[86] 2014-11-24 (PCT/FR2014/053011)
[87] (WO2015/079150)
[30] FR (13 61640) 2013-11-26

[21] **2,931,034**
[13] A1

[51] **Int.Cl. C07D 473/16 (2006.01) A61K 31/522 (2006.01) A61P 35/00 (2006.01) C07D 473/18 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **2,6-SUBSTITUTED PURINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF PROLIFERATIVE DISORDERS**
[54] **DERIVES DE PURINE SUBSTITUES EN POSITIONS 2 ET 6, ET LEUR UTILISATION DANS LE TRAITEMENT DES DESORDRES PROLIFERATIFS**
[72] BEHENNA, DOUGLAS CARL, US
[72] CHENG, HENGMAO, US
[72] CHO-SCHULTZ, SUJIN, US
[72] JOHNSON, THEODORE OTTO JR., US

[72] KATH, JOHN CHARLES, US
[72] NAGATA, ASAKO, US
[72] NAIR, SAJIV KRISHNAN, US
[72] PLANKEN, SIMON PAUL, US
[71] PFIZER INC., US
[85] 2016-05-18
[86] 2014-11-10 (PCT/IB2014/065935)
[87] (WO2015/075598)
[30] US (61/907,322) 2013-11-21

[21] **2,931,035**
[13] A1

[51] **Int.Cl. A01D 34/416 (2006.01)**
[25] EN
[54] **STRAIGHT THROUGH LINE FEED VEGETATION TRIMMER APPARATUS**
[54] **APPAREIL DE TONDEUSE DE VEGETATION A AVANCE DIRECTE**
[72] ALLISS, GEORGE E., US
[71] ALLISS, GEORGE E., US
[85] 2016-05-18
[86] 2014-11-20 (PCT/US2014/066503)
[87] (WO2015/077393)
[30] US (61/907,883) 2013-11-22

[21] **2,931,036**
[13] A1

[51] **Int.Cl. B01F 3/04 (2006.01) B01F 5/00 (2006.01) C02F 3/02 (2006.01) C02F 7/00 (2006.01) C12M 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DIFFUSING GAS INTO A LIQUID**
[54] **SYSTEMES ET PROCEDES POUR DIFFUSER UN GAZ DANS UN LIQUIDE**
[72] SCHNEIDER, JAKOB H., CA
[72] SCHNEIDER, JOSEPH MARK, CA
[71] HYDRO PROCESSING & MINING LTD., CA
[85] 2016-05-13
[86] 2013-11-15 (PCT/CA2013/000959)
[87] (WO2014/075169)
[30] US (13/678,444) 2012-11-15

[21] **2,931,037**
[13] A1

[51] **Int.Cl. A47L 9/06 (2006.01)**
[25] EN
[54] **SUCTIONING DEVICE FOR LARGE ARTIFICIAL WATER BODIES**
[54] **DISPOSITIF D'ASPIRATION POUR DE GRANDS CORPS D'EAU ARTIFICIELS**
[72] FISCHMANN TORRES, FERNANDO BENJAMIN, CL
[72] PRIETO DOMINGUEZ, JORGE EDUARDO, CL
[71] CRYSTAL LAGOONS (CURACAO) B.V., NL
[85] 2016-05-18
[86] 2014-11-12 (PCT/IB2014/065981)
[87] (WO2016/075513)

[21] **2,931,038**
[13] A1

[51] **Int.Cl. A47L 13/16 (2006.01)**
[25] EN
[54] **CLEANING TOOL**
[54] **OUTIL DE NETTOYAGE**
[72] MCMANN, LARRY R. JR., US
[72] CASON, JERRY J., US
[72] GOLDEN, GERARD W., US
[72] MILLER, CHRISTOPHER D.I., US
[71] MCMANN, LARRY R. JR., US
[71] CASON, JERRY J., US
[71] GOLDEN, GERARD W., US
[71] MILLER, CHRISTOPHER D.I., US
[85] 2016-05-18
[86] 2014-11-20 (PCT/US2014/066560)
[87] (WO2015/077422)
[30] US (61/906,494) 2013-11-20

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[21] **2,931,039**
[13] A1

[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/015 (2006.01) A61K 31/09 (2006.01) A61P 25/02 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) C07C 13/32 (2006.01) C07C 39/23 (2006.01) C07C 43/23 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF OCULAR INFLAMMATION AND PAIN**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE L'INFLAMMATION OCULAIRE ET DE LA DOULEUR**

[72] LYNCH, MARY, CA
[72] KELLY, MELANIE, CA
[71] LYNCH, MARY, CA
[71] KELLY, MELANIE, CA
[85] 2016-05-18
[86] 2014-11-20 (PCT/CA2014/000841)
[87] (WO2015/074137)
[30] US (61/906,694) 2013-11-20

[21] **2,931,040**
[13] A1

[51] **Int.Cl. A01N 43/50 (2006.01) A01N 35/02 (2006.01) A01N 41/12 (2006.01) A01P 19/00 (2006.01)**

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[54] **COMPOUNDS, COMPOSITIONS AND METHODS FOR ATTRACTING AND/OR ARRESTING BED BUGS**

[54] **COMPOSES, COMPOSITIONS ET PROCEDES POUR ATTIRER ET/OU RETENIR DES PUNAISES DES LITS**

[72] GRIES, REGINE M., CA
[72] BRITTON, ROBERT A., CA
[72] HOLMES, MICHAEL T., CA
[72] GRIES, GERHARD J., CA
[71] SIMON FRASER UNIVERSITY, CA
[85] 2016-05-18
[86] 2014-12-16 (PCT/CA2014/051218)
[87] (WO2015/089661)
[30] US (61/917,048) 2013-12-17
[30] US (62/018,465) 2014-06-27

[21] **2,931,041**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS OF CONTROLLED SHARING OF BIG DATA**

[54] **SYSTEMES ET PROCEDES DE PARTAGE CONTROLE DE MEGADONNEES**

[72] SHTERN, MARK, CA
[72] LITOIU, MARIN, CA
[71] SHTERN, MARK, CA
[71] LITOIU, MARIN, CA
[85] 2016-05-18
[86] 2015-11-13 (PCT/CA2015/051182)
[87] (WO2016/074094)
[30] US (62/080,226) 2014-11-14

[21] **2,931,042**
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) F41G 11/00 (2006.01) G09B 29/10 (2006.01)**

[25] EN

[54] **INTERACTIVE RETICLE FOR A TACTICAL BATTLE MANAGEMENT SYSTEM USER INTERFACE**

[54] **RETICULE INTERACTIF POUR UNE INTERFACE D'UTILISATEUR DE SYSTEME DE GESTION DE BATAILLE TACTIQUE**

[72] MOREAU, JEAN-FRANCOIS, CA
[72] HUNTER, DARREN, CA
[72] VOISIN, DEREK, CA
[72] DEGRANDPRE, PAUL, CA
[71] THALES CANADA INC., CA
[85] 2016-05-18
[86] 2014-12-01 (PCT/CA2014/000858)
[87] (WO2015/081414)
[30] US (61/910,681) 2013-12-02

[21] **2,931,043**
[13] A1

[51] **Int.Cl. H04W 16/18 (2009.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR ESTIMATING A TOPOLOGY OF A NETWORK AND ITS USE IN A MOBILE AD HOC RADIO NETWORK**

[54] **PROCEDE ET SYSTEME PERMETTANT D'ESTIMER UNE TOPOLOGIE D'UN RESEAU ET SON UTILISATION DANS UN RESEAU RADIOELECTRIQUE AD HOC MOBILE**

[72] HOOEY, KEITH EDWARD, CA
[71] THALES CANADA INC., CA
[85] 2016-05-18
[86] 2014-12-12 (PCT/CA2014/000898)
[87] (WO2015/089636)
[30] US (61/918,956) 2013-12-20

[21] **2,931,044**
[13] A1

[51] **Int.Cl. F01D 21/04 (2006.01) F01D 25/16 (2006.01)**

[25] FR

[54] **DEVICE FOR CENTRING AND GUIDING THE ROTATION OF A TURBINE ENGINE SHAFT INCLUDING IMPROVED MEANS FOR RETAINING THE EXTERNAL BEARING RING**

[54] **DISPOSITIF POUR LE CENTRAGE ET LE GUIDAGE EN ROTATION D'UN ARBRE DE TURBOMACHINE COMPRENANT DES MOYENS AMELIORES DE RETENTION DE BAGUE EXTERIEURE DE PALIER**

[72] SERVANT, REGIS EUGENE HENRI, FR
[72] ANTUNES, SERGE LOUIS, FR
[72] BELLAY, JULIE, FR
[72] CRETIN, FABRICE, FR
[72] LOURIT, DAMIEN, FR
[71] SNECMA, FR
[85] 2016-05-18
[86] 2014-11-25 (PCT/FR2014/053020)
[87] (WO2015/079156)
[30] FR (13 61629) 2013-11-26

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[21] **2,931,045**
[13] A1

[51] **Int.Cl. C12N 1/14 (2006.01) C07K 14/37 (2006.01) C12P 21/02 (2006.01)**

[25] EN

[54] **INTRODUCING OR INACTIVATING FEMALE FERTILITY IN FILAMENTOUS FUNGAL CELLS**

[54] **INTRODUCTION OU INACTIVATION DE LA FERTILITE FEMELLE DANS DES CELLULES FONGIQUES FILAMENTEUSES**

[72] SCHMOLL, MONIKA, AT

[72] TISCH, DORIS, AT

[72] SCHUSTER, ANDRE, AT

[72] FREITAG, MICHAEL, US

[72] POMRANING, KYLE, US

[72] WANG, TING FANG, TW

[71] TECHNISCHE UNIVERSITAT WIEN, AT

[71] OREGON STATE UNIVERSITY, US

[71] ACADEMIA SINICA, CN

[85] 2016-05-18

[86] 2014-12-10 (PCT/EP2014/077273)

[87] (WO2015/086701)

[30] EP (13196402.5) 2013-12-10

[21] **2,931,046**
[13] A1

[51] **Int.Cl. B32B 7/06 (2006.01) B32B 3/14 (2006.01) B32B 3/18 (2006.01) B32B 3/26 (2006.01) B32B 7/12 (2006.01)**

[25] FR

[54] **SHIM FOR INSERTION BETWEEN THE FACING SURFACES OF TWO PARTS**

[54] **CALE D'EPaisseur D'INTERPOSITION ENTRE LES SURFACES EN REGARD DE DEUX PIECES**

[72] GASTEL, DANIEL ANDRE, FR

[71] GASTEL, DANIEL ANDRE, FR

[85] 2016-05-18

[86] 2014-12-02 (PCT/FR2014/053123)

[87] (WO2015/082826)

[30] FR (1362251) 2013-12-06

[21] **2,931,047**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/06 (2006.01) C21D 9/00 (2006.01) C22C 38/32 (2006.01) C22C 38/54 (2006.01) F16B 35/00 (2006.01)**

[25] EN

[54] **STEEL WIRE FOR BOLTS, BOLT, AND METHODS FOR MANUFACTURING SAME**

[54] **FIL D'ACIER POUR BOULON, BOULON, ET LEUR PROCEDE DE PRODUCTION**

[72] MATSUMOTO, YOSUKE, JP

[72] CHIBA, MASAMICHI, JP

[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP

[85] 2016-05-18

[86] 2014-11-27 (PCT/JP2014/081324)

[87] (WO2015/083599)

[30] JP (2013-249563) 2013-12-02

[21] **2,931,048**
[13] A1

[51] **Int.Cl. H02K 7/116 (2006.01) B66D 1/24 (2006.01) E21B 19/22 (2006.01) F16H 1/28 (2006.01)**

[25] EN

[54] **PLANETARY GEAR ASSEMBLY**

[54] **ASSEMBLAGE DE TRAIN PLANETAIRE**

[72] WHITE, WILLIAM B., US

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

[85] 2016-05-18

[86] 2014-11-20 (PCT/US2014/066711)

[87] (WO2015/077505)

[30] US (14/086,788) 2013-11-21

[21] **2,931,049**
[13] A1

[51] **Int.Cl. H02K 5/22 (2006.01)**

[25] EN

[54] **MOTOR CONTROLLER AND MOTOR APPLYING SAME**

[54] **DISPOSITIF DE COMMANDE DE MOTEUR ET MOTEUR L'UTILISANT**

[72] WANG, XIONGCHENG, CN

[72] BIAN, WENQING, CN

[72] YU, YUEQIANG, CN

[71] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN

[85] 2016-05-18

[86] 2014-09-24 (PCT/CN2014/087345)

[87] (WO2015/180328)

[30] CN (201420283808.0) 2014-05-29

[21] **2,931,050**
[13] A1

[51] **Int.Cl. A47C 7/72 (2006.01) A47C 1/12 (2006.01) A47C 7/62 (2006.01)**

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[54] **VIBRATING SEAT**

[54] **SIEGE VIBRANT**

[72] KIM, DONG SUP, KR

[72] SEONG, IN JAE, KR

[71] CJ 4DPLEX CO., LTD, KR

[85] 2016-05-18

[86] 2014-11-21 (PCT/KR2014/011283)

[87] (WO2015/076623)

[30] KR (10-2013-0142331) 2013-11-21

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[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01) A61P 25/04 (2006.01) C07D 401/06 (2006.01) C07D 405/14 (2006.01) C07D 413/06 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **PIPERIDINE DERIVATIVES HAVING MULTIMODAL ACTIVITY AGAINST PAIN**

[54] **DERIVES DE PIPERIDINE AYANT UNE ACTIVITE MULTIMODALE CONTRE LA DOULEUR**

[72] CUEVAS CORDOBES, FELIX, ES

[72] ALMANSA-ROSALES, CARMEN, ES

[72] GARCIA LOPEZ, MONICA, ES

[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES

[85] 2016-05-18

[86] 2014-12-19 (PCT/EP2014/078717)

[87] (WO2015/091939)

[30] EP (13384004.1) 2013-12-20

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[13] A1

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[25] EN

[54] **COMPOSITIONS OF DIBROMOMALONAMIDE AND THEIR USE AS BIOCIDES**

[54] **COMPOSITIONS DE DIBROMOMALONAMIDE ET LEUR UTILISATION COMME BIOCIDES**

[72] YIN, BEI, US

[72] SINGLETON, FREDDIE L., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2016-05-18

[86] 2014-11-24 (PCT/US2014/067035)

[87] (WO2015/077682)

[30] US (61/908,412) 2013-11-25

[21] **2,931,054**
[13] A1

[51] **Int.Cl. A01N 65/26 (2009.01) A01M 13/00 (2006.01) A01N 25/18 (2006.01) A01N 35/04 (2006.01) A01P 7/00 (2006.01) A61K 9/00 (2006.01) A61K 31/11 (2006.01) A61K 36/58 (2006.01) A61P 9/14 (2006.01)**

[25] EN

[54] **COMPOSITIONS, DEVICES AND METHODS FOR CONTROL OF PESTS USING VAPOR ACTIVITY**

[54] **COMPOSITIONS, DISPOSITIFS ET METHODES POUR LUTTER CONTRE DES ORGANISMES NUISIBLES A L'AIDE DE VAPEURS ACTIVES**

[72] MANHAS, KARAN, CA

[72] ROZEK, ANNETT, CA

[72] WOODBURY, NATHAN, CA

[72] LENTZ, SHANNON, CA

[72] TAKEUCHI, ROBERT JAMES ETSU, CA

[72] OZEROFF, SASHA, CA

[71] 0903608 B.C. LTD., CA

[85] 2016-05-18

[86] 2014-11-18 (PCT/IB2014/066139)

[87] (WO2015/071890)

[30] US (61/905,415) 2013-11-18

[30] US (61/911,434) 2013-12-03

[30] US (61/913,194) 2013-12-06

[30] US (61/918,641) 2013-12-19

[30] US (61/941,049) 2014-02-18

[30] US (62/008,425) 2014-06-05

[21] **2,931,055**
[13] A1

[51] **Int.Cl. G01S 7/497 (2006.01) G01S 7/486 (2006.01) H01L 31/107 (2006.01)**

[25] EN

[54] **LIDAR SCANNER CALIBRATION**

[54] **ETALONNAGE D'ANALYSEUR LIDAR**

[72] SCHWARZ, BRENT S., US

[72] HASLIM, JAMES A., US

[72] ITURRARAN, NICHOLAS M., US

[72] KARASOFF, MICHAEL D., US

[71] OTTOMOTTO LLC, US

[85] 2016-05-18

[86] 2014-11-21 (PCT/US2014/066901)

[87] (WO2015/077614)

[30] US (61/907,951) 2013-11-22

[21] **2,931,056**
[13] A1

[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61K 47/34 (2006.01) A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01) B01J 13/00 (2006.01) C08L 77/00 (2006.01)**

[25] EN

[54] **CARRIER FOR USE IN DELIVERING DRUG, CONJUGATE, COMPOSITION COMPRISING SAME, AND METHOD FOR ADMINISTERING SAME**

[54] **VECTEUR D'APPORT DE MEDICAMENT ET CONJUGUE, COMPOSITION LE CONTENANT, ET SON PROCEDE D'ADMINISTRATION**

[72] KATAOKA, KAZUNORI, JP

[72] ANRAKU, YASUTAKA, JP

[72] NISHIYAMA, NOBUHIRO, JP

[72] MIYATA, KANJIRO, JP

[72] ISHII, TAKEHIKO, JP

[72] MATSUMOTO, YU, JP

[72] FUKUSATO, YU, JP

[72] MIZOGUCHI, AKIHIRO, JP

[72] YOKOTA, TAKANORI, JP

[72] KUWAHARA, HIROYA, JP

[72] NISHINA, KAZUTAKA, JP

[72] MIZUSAWA, HIDEHIRO, JP

[71] THE UNIVERSITY OF TOKYO, JP

[71] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP

[85] 2016-05-18

[86] 2014-11-21 (PCT/JP2014/005856)

[87] (WO2015/075942)

[30] JP (2013-242347) 2013-11-22

[30] JP (2014-096935) 2014-05-08

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[21] **2,931,057**
[13] A1

[51] **Int.Cl. G03G 9/13 (2006.01) C08F 2/50 (2006.01) C08F 216/00 (2006.01)**

[25] EN

[54] **ULTRAVIOLET-CURABLE LIQUID DEVELOPER**

[54] **REVELATEUR LIQUIDE DURCISSABLE PAR RAYONS ULTRAVIOLETS**

[72] ITO, JUNJI, JP

[72] SATO, NAOTAKE, JP

[72] AICHI, YASUHIRO, JP

[71] CANON KABUSHIKI KAISHA, JP

[85] 2016-05-18

[86] 2014-11-18 (PCT/JP2014/080519)

[87] (WO2015/079979)

[30] JP (2013-246808) 2013-11-28

[21] **2,931,058**
[13] A1

[51] **Int.Cl. H04N 21/462 (2011.01) H04N 21/434 (2011.01) H04N 21/438 (2011.01)**

[25] EN

[54] **RECEPTION DEVICE**

[54] **DISPOSITIF DE RECEPTION**

[72] KITAZATO, NAOHISA, JP

[72] YAMAGISHI, YASUAKI, JP

[71] SONY CORPORATION, JP

[85] 2016-05-18

[86] 2014-11-19 (PCT/JP2014/080577)

[87] (WO2015/083541)

[30] JP (2013-250117) 2013-12-03

[21] **2,931,061**
[13] A1

[51] **Int.Cl. A61B 17/02 (2006.01) A61B 1/24 (2006.01) A61B 13/00 (2006.01)**

[25] EN

[54] **ORAL RETRACTION DEVICES AND METHODS**

[54] **DISPOSITIFS ET METHODES D'ECARTEMENT DE LA BOUCHE**

[72] CASTRO, MICHAEL, US

[72] KARCSMAR, JOSEPH, US

[72] FLAHERTY, R. MAXWELL, US

[72] FLAHERTY, J. CHRISTOPHER, US

[71] MEDROBOTICS CORPORATION, US

[85] 2016-05-18

[86] 2014-11-24 (PCT/US2014/067091)

[87] (WO2015/081008)

[30] US (61/909,605) 2013-11-27

[30] US (61/921,858) 2013-12-30

[30] US (62/008,453) 2014-06-05

[30] US (62/052,736) 2014-09-19

[21] **2,931,062**
[13] A1

[51] **Int.Cl. A47J 31/40 (2006.01) A47J 31/44 (2006.01) A47J 43/046 (2006.01) A47J 43/08 (2006.01)**

[25] EN

[54] **BEVERAGE PREPARATION APPARATUS**

[54] **APPAREIL DE PREPARATION DE BOISSON**

[72] SAKANE, YASUAKI, JP

[72] UNO, MASAYUKI, JP

[72] KITATANI, KAZUYA, JP

[72] YOSHIDOME, AKIHIRO, JP

[72] SHIMA, HIDEKAZU, JP

[72] MISUMI, MASARU, JP

[71] SHARP KABUSHIKI KAISHA, JP

[85] 2016-05-18

[86] 2015-01-26 (PCT/JP2015/052050)

[87] (WO2015/115375)

[30] JP (2014-016467) 2014-01-31

[21] **2,931,064**
[13] A1

[51] **Int.Cl. C07J 71/00 (2006.01) A61K 31/58 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **WITHANOLIDES USEFUL FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES**

[54] **WITHANOLIDES UTILES POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**

[72] CHAN, AGNES H., CA

[72] JULIEN, JEAN-PIERRE, CA

[72] SHAW, ANTHONY A., CA

[71] IMSTAR THERAPEUTICS INC., CA

[71] UNIVERSITE LAVAL, CA

[85] 2016-05-18

[86] 2014-11-25 (PCT/US2014/067436)

[87] (WO2015/077780)

[30] US (61/908,455) 2013-11-25

[21] **2,931,066**
[13] A1

[51] **Int.Cl. A61K 31/704 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **USE OF GINSENOSEIDE RG3 IN PREPARING MEDICINE FOR PREVENTING AND/OR TREATING DEMENTIA, AND MEDICINE FOR TREATING DEMENTIA**

[54] **UTILISATION DU GINSENOSEIDE RG3 POUR LA PREPARATION DE MEDICAMENT EN VUE DE PREVENIR OU DE TRAITER LA DEMENCE ET MEDICAMENT DESTINE AU TRAITEMENT DE LA DEMENCE**

[72] FU, LI, CN

[72] WANG, KAIQIAN, CN

[72] FU, QIANG, CN

[72] LIU, ZHENGXIAN, CN

[72] LU, QI, CN

[72] GAI, XIN, CN

[71] FU, LI, CN

[85] 2016-05-18

[86] 2014-11-06 (PCT/CN2014/090475)

[87] (WO2015/074494)

[30] CN (201310589909.0) 2013-11-22

[21] **2,931,067**
[13] A1

[51] **Int.Cl. H02P 6/08 (2016.01)**

[25] EN

[54] **ECM**

[54] **MODULE DE COMMANDE ELECTRONIQUE**

[72] ZHAO, YONG, CN

[72] CHEN, YUNSHENG, CN

[72] BIAN, WENQING, CN

[72] WU, YONGHUA, CN

[71] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN

[85] 2016-05-18

[86] 2014-11-10 (PCT/CN2014/090698)

[87] (WO2016/015397)

[30] CN (201420427025.5) 2014-07-30

Demandes PCT entrant en phase nationale

[21] **2,931,068**
[13] A1

[51] **Int.Cl. B01L 9/00 (2006.01) B01L 3/00 (2006.01) G01N 35/02 (2006.01)**
[25] EN
[54] **MULTI-WELL PLATES AND METHODS OF USE THEREOF**
[54] **PLAQUES A Puits MULTIPLES ET LEURS METHODES D'UTILISATION**
[72] TURGEMAN, SHLOMO, IL
[72] LAVI, BEN ZION, IL
[72] SHEFFER, EITAN, IL
[71] IDEA MACHINE DEVELOPMENT DESIGN & PRODUCTION LTD., IL
[85] 2016-05-18
[86] 2014-11-19 (PCT/IB2014/066178)
[87] (WO2015/075653)
[30] US (61/905,865) 2013-11-19
[30] US (61/929,086) 2014-01-19
[30] US (61/949,272) 2014-03-07

[21] **2,931,069**
[13] A1

[51] **Int.Cl. G01V 1/00 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **MONITORING SYSTEM FOR USE IN SEISMIC INSTRUMENT ARRANGEMENT IN PETROLEUM EXPLORATION**
[54] **SYSTEME DE SURVEILLANCE D'INSTALLATION POUR INSTRUMENT SISMIQUE A UTILISER DANS L'EXPLORATION PETROLIERE**
[72] YANG, MAOJUN, CN
[72] LUO, FULONG, CN
[72] LI, GUOSHENG, CN
[72] XIA, YING, CN
[72] HUANG, LEI, CN
[72] SUN, HUADONG, CN
[72] LIU, WEIPING, CN
[72] WANG, YUAN, CN
[71] BGP INC., CHINA NATIONAL PETROLEUM CORPORATION, CN
[71] CHINA NATIONAL PETROLEUM CORPORATION, CN
[85] 2016-05-18
[86] 2014-11-19 (PCT/CN2014/091667)
[87] (WO2015/074566)
[30] CN (201310585254.X) 2013-11-19

[21] **2,931,070**
[13] A1

[51] **Int.Cl. A61K 31/495 (2006.01) A61K 31/545 (2006.01) A61K 31/546 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIBACTERIENNES**
[72] PATEL, MAHESH VITHALBHAI, IN
[72] BHAGWAT, SACHIN, IN
[71] WOCKHARDT LIMITED, IN
[85] 2016-05-18
[86] 2014-11-26 (PCT/IB2014/066351)
[87] (WO2015/079389)
[30] IN (3704/MUM/2013) 2013-11-26

[21] **2,931,071**
[13] A1

[51] **Int.Cl. G09F 3/02 (2006.01) G09F 3/00 (2006.01) G09F 3/03 (2006.01) G09F 3/14 (2006.01) G09F 3/20 (2006.01)**
[25] EN
[54] **LABEL ASSEMBLY WITH ADHESIVE CLOSURE FOR ELASTOMER LOOP**
[54] **ENSEMBLE ETIQUETTE A ELEMENT DE FERMETURE ADHESIF POUR BOUCLE ELASTOMERE**
[72] MALTAS, JEFFREY S., US
[72] WINTZ, TREVOR, US
[72] SCHILLER, DAVID, US
[72] O'DONNELL, COLIN M., US
[71] BEDFORD INDUSTRIES, INC., US
[85] 2016-05-18
[86] 2014-12-02 (PCT/US2014/068122)
[87] (WO2015/084823)
[30] US (61/911,063) 2013-12-03

[21] **2,931,072**
[13] A1

[51] **Int.Cl. E04F 13/075 (2006.01)**
[25] EN
[54] **FOAM GLASS INTEGRATED PLATE EFFECTIVE IN WATER AND FIRE PROOFING, THERMAL INSULATION AND DECORATION**
[54] **PLAQUE INTEGREE DE VERRE CELLULAIRE EFFICACE EN TERMES D'HYDROFUGATION ET D'IGNIFUGATION, D'ISOLATION THERMIQUE ET DE DECORATION**
[72] ZHANG, YONGFU, CN
[72] ZHANG, CHUNHUA, CN
[72] HUANG, XIAOBIN, CN
[71] ZHEJIANG ZHENSHEN INSULATION TECHNOLOGY CORPORATION LIMITED, CN
[85] 2016-05-18
[86] 2014-12-02 (PCT/CN2014/092848)
[87] (WO2016/045194)
[30] CN (201410500238.0) 2014-09-26

[21] **2,931,073**
[13] A1

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[54] **PHARMACEUTICAL COMBINATIONS**
[54] **COMBINAISONS PHARMACEUTIQUES**
[72] FERRETTI, STEPHANE, CH
[72] JEAY, SEBASTIEN, CH
[72] HALILOVIC, ENSAR, US
[72] LI, FANG, US
[72] WANG, HUI-QIN, US
[71] NOVARTIS AG, CH
[85] 2016-05-18
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[87] (WO2015/097622)
[30] US (61/920,032) 2013-12-23
[30] US (61/948,323) 2014-03-05
[30] US (62/078,571) 2014-11-12

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[25] EN
[54] **IMAGE PROCESSING DEVICE**
[54] **DISPOSITIF DE TRAITEMENT D'IMAGE**
[72] YOKOUCHI, FUMIKA, JP
[71] HOYA CORPORATION, JP
[85] 2016-05-18
[86] 2015-03-26 (PCT/JP2015/059360)
[87] (WO2015/156142)
[30] JP (2014-081918) 2014-04-11

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[25] EN
[54] **WIND TURBINE BLADE WITH WAVE SHAPED TRAILING EDGE**
[54] **PALE DE TURBINE EOLIENNE A BORD DE FUITE EN FORME DE VAGUE**
[72] SORENSEN, TOMMY, DK
[71] ENVISION ENERGY (DENMARK) APS, DK
[85] 2016-05-18
[86] 2014-10-08 (PCT/DK2014/050320)
[87] (WO2015/074661)
[30] DK (PA 2013 70712) 2013-11-21

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[51] **Int.Cl. A61C 13/083 (2006.01) A61K 6/027 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DENTAL PROSTHESIS, METHOD FOR PRODUCING LITHIUM DISILICATE BLANK FOR DENTAL PROSTHESIS AND LITHIUM DISILICATE BLANK FOR DENTAL PROSTHESIS**
[54] **PROCEDE DE PRODUCTION D'UNE PROTHESE DENTAIRE, PROCEDE DE PRODUCTION D'UNE EBAUCHE EN DISILICATE DE LITHIUM POUR PROTHESES DENTAIRES, ET EBAUCHE EN DISILICATE DE LITHIUM POUR PROTHESES DENTAIRES**
[72] HOSHINO, TOMOHIRO, JP
[72] MASHIO, GO, JP
[72] FUJIMOTO, TATSUYA, JP
[72] YOSHINAGA, MASATOSHI, JP
[72] YOKOHARA, HAYATO, JP
[72] OHTA, DAISUKE, JP
[71] GC CORPORATION, JP
[85] 2016-05-18
[86] 2015-07-08 (PCT/JP2015/069695)
[87] (WO2016/031399)
[30] JP (2014-172684) 2014-08-27

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[51] **Int.Cl. H05B 3/14 (2006.01) H01B 1/04 (2006.01) H01B 1/18 (2006.01) H01B 1/24 (2006.01)**
[25] EN
[54] **ELECTROTHERMIC COMPOSITIONS**
[54] **COMPOSITION ELECTROTHERMIQUE**
[72] MILLER, COLE, AU
[71] INTELLI PARTICLE PTY LTD, AU
[85] 2016-05-18
[86] 2014-06-26 (PCT/AU2014/000670)
[87] (WO2014/205498)
[30] AU (2013902348) 2013-06-26

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[13] A1

[51] **Int.Cl. H02G 1/10 (2006.01)**
[25] EN
[54] **BUNDLE OF CABLES, A METHOD OF LAYING CABLES AND USE OF A SECURING MEANS**
[54] **FAISCEAU DE CABLES, PROCEDE DE POSE DE CABLES ET UTILISATION D'UN MOYEN DE FIXATION**
[72] WORZYK, THOMAS, SE
[71] ABB TECHNOLOGY LTD, CH
[85] 2016-05-18
[86] 2013-11-21 (PCT/EP2013/074325)
[87] (WO2015/074696)

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[51] **Int.Cl. C08F 2/48 (2006.01) B29B 13/08 (2006.01) B29C 71/04 (2006.01) C08F 2/01 (2006.01) C08F 290/00 (2006.01) C08G 59/18 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING A CURED PHOTOCURABLE RESIN COMPOSITION**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UNE COMPOSITION DURCIE DE RESINE DURCISSANT A LA LUMIERE**
[72] ASHIKAGA, KAZUO, JP
[72] KAWAMURA, KIYOKO, JP
[72] ORIKASA, TERUO, JP
[71] HERAEUS KABUSHIKI KAISHA, JP
[85] 2016-05-18
[86] 2015-08-25 (PCT/JP2015/073832)
[87] (WO2016/039129)
[30] JP (2014-185132) 2014-09-11

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[13] A1

[51] **Int.Cl. G01R 31/34 (2006.01)**
[25] EN
[54] **LOAD TESTING APPARATUS AND COUPLING SWITCH UNIT FOR LOAD TESTING APPARATUS**
[54] **APPAREIL D'ESSAI EN CHARGE ET MODULE DE COMMUTATEUR DE RACCORDEMENT POUR APPAREIL D'ESSAI EN CHARGE**
[72] KONDO, TOYOSHI, JP
[71] TATSUMI RYOKI CO., LTD, JP
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[86] 2014-08-04 (PCT/JP2014/004064)
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[51] **Int.Cl. B01D 36/04 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **DRILLING FLUID PROCESSING SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME DE TRAITEMENT DE FLUIDE DE FORAGE ET PROCEDES ASSOCIES**
[72] RANKIN, JAMES R., US
[72] ANDERSON, GREGORY M., US
[71] VERMEER MANUFACTURING COMPANY, US
[85] 2016-05-18
[86] 2014-11-26 (PCT/US2014/067724)
[87] (WO2015/081266)
[30] US (61/909,806) 2013-11-27
[30] US (61/911,846) 2013-12-04

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01)**
[25] EN
[54] **METHODS OF USING MIRNAS FROM BODILY FLUIDS FOR DETECTION AND MONITORING OF PARKINSON'S DISEASE (PD)**
[54] **PROCEDES D'UTILISATION DE MICRO-ARN PROVENANT DE LIQUIDES CORPORELS PERMETTANT DE DETECTER ET DE SURVEILLER LA MALADIE DE PARKINSON**
[72] UMANSKY, SAMUIL R., US
[72] SHEINERMAN, KIRA S., US
[72] TSIVINSKY, VLADIMIR G., US
[71] DIAMIR, LLC, US
[85] 2016-05-18
[86] 2014-11-17 (PCT/US2014/065959)
[87] (WO2015/073972)
[30] US (61/905,703) 2013-11-18
[30] US (61/935,806) 2014-02-04

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[13] A1

[51] **Int.Cl. B32B 27/12 (2006.01) B32B 27/14 (2006.01) B32B 27/32 (2006.01) E04D 5/06 (2006.01) E04D 5/10 (2006.01)**
[25] EN
[54] **HIGHLY LOADED THERMOPLASTIC MEMBRANES WITH IMPROVED MECHANICAL PROPERTIES**
[54] **MEMBRANES THERMOPLASTIQUES A FORTE CHARGE A PROPRIETES MECANIQUES AMELIOREES**
[72] WANG, HAO, US
[72] TIPPMANN, DONNA M., US
[72] HUBBARD, MICHAEL J., US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2016-05-18
[86] 2014-12-12 (PCT/US2014/069988)
[87] (WO2015/089384)
[30] US (61/915,183) 2013-12-12

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[51] **Int.Cl. H02J 7/02 (2016.01) G01R 31/36 (2006.01) H01M 10/44 (2006.01) H01M 10/48 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **POWER STORAGE SYSTEM AND CHARGING METHOD FOR SECONDARY BATTERY**
[54] **SYSTEME DE STOCKAGE D'ENERGIE ET METHODE DE CHARGEMENT DE BATTERIE SECONDAIRE**
[72] ARAI, NARUMI, JP
[72] MARUTANI, KENTARO, JP
[72] KOBAYASHI, KENJI, JP
[71] SONY CORPORATION, JP
[85] 2016-05-18
[86] 2014-09-30 (PCT/JP2014/004988)
[87] (WO2015/075857)
[30] JP (2013-243287) 2013-11-25

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[13] A1

[51] **Int.Cl. C07D 333/62 (2006.01) A61K 31/381 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CYCLIC SULFONE AND SULFOXIMINE ANALOGS AND USES THEREOF**
[54] **ANALOGUES DE SULFONE CYCLIQUE ET DE SULFOXIMINE ET LEURS UTILISATIONS**
[72] DIXON, DARRYL DAVID, US
[72] GRINA, JONAS, US
[72] JOSEY, JOHN A., US
[72] RIZZI, JAMES P., US
[72] SCHLACHTER, STEPHEN T., US
[72] WALLACE, ELI M., US
[72] WANG, BIN, US
[72] WEHN, PAUL, US
[72] XU, RUI, US
[72] YANG, HANBIAO, US
[71] PELOTON THERAPEUTICS, INC., US
[85] 2016-05-18
[86] 2014-12-15 (PCT/US2014/070346)
[87] (WO2015/095048)
[30] US (61/916,672) 2013-12-16

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[51] **Int.Cl. A61K 47/14 (2006.01) A61K 9/107 (2006.01) A61K 9/20 (2006.01) A61K 9/66 (2006.01) A61K 47/44 (2006.01)**
[25] EN
[54] **SOLID ORAL DOSAGE FORM OF TESTOSTERONE DERIVATIVE**
[54] **FORME PHARMACEUTIQUE ORALE SOLIDE DE DERIVE DE TESTOSTERONE**
[72] HOJGAARD, BENT, DK
[71] SOLURAL PHARMA APS, DK
[85] 2016-05-18
[86] 2013-12-19 (PCT/EP2013/077300)
[87] (WO2014/096139)
[30] EP (12198529.5) 2012-12-20

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[13] A1

[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR HEAVY-WALLED OIL COUNTRY TUBULAR GOODS**

[54] **JOINT FILETE DESTINE AUX APPAREILS TUBULAIRES DE PETROLE BRUT TRES EPAIS**

[72] KAWAI, TAKAMASA, JP
[72] TAKAHASHI, KAZUNARI, JP
[72] CHIKATSUNE, HIROSHI, JP
[72] YOSHIKAWA, MASAKI, JP
[72] TAKANO, JUN, JP
[72] NAGAHAMA, TAKUYA, JP
[72] UETA, MASATERU, JP
[72] YONEYAMA, TSUYOSHI, JP
[72] SATO, HIDEO, JP
[72] SEKI, HARUHIKO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2016-05-18
[86] 2014-10-30 (PCT/JP2014/005518)
[87] (WO2015/104739)
[30] JP (2014-002863) 2014-01-10

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[13] A1

[51] **Int.Cl. G01N 30/74 (2006.01) C07D 301/02 (2006.01) C07D 301/32 (2006.01) C07D 303/14 (2006.01) G01N 30/26 (2006.01)**

[25] EN
[54] **HPLC ANALYSIS OF IMPURITIES IN DIANHYDROGALACTITOL**

[54] **ANALYSE PAR CLHP DES IMPURETES CONTENUES DANS DU DIANHYDROGALACTITOL**

[72] LU, XIAOYUN, CA
[72] LI, MIKE TSO-PING, US
[71] DEL MAR PHARMACEUTICALS, CA
[85] 2016-05-18
[86] 2014-11-18 (PCT/US2014/066087)
[87] (WO2015/074025)
[30] US (14/083,135) 2013-11-18

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[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/255 (2006.01)**

[25] EN
[54] **FIBER OPTIC MODULES WITH SPLICE HOLDER AND FIBER MANAGEMENT FEATURES**

[54] **MODULES A FIBRES OPTIQUES COMPORTANT DES ELEMENTS DE SUPPORT D'EPISSURE ET DE GESTION DE FIBRES**

[72] BLACKWELL, CHOIS ALVEN, JR., US
[72] COX, TERRY DEAN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2015-06-03
[86] 2013-12-03 (PCT/US2013/072706)
[87] (WO2014/088980)
[30] US (61/734,646) 2012-12-07
[30] US (61/791,341) 2013-03-15

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[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61P 25/28 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) C12N 15/11 (2006.01) A61K 31/713 (2006.01)**

[25] EN
[54] **COMPLEMENT COMPONENT IRNA COMPOSITIONS AND METHODS OF USE THEREOF**

[54] **COMPOSITION D'ARNI D'ELEMENT DE COMPLEMENT ET PROCEDES POUR LES UTILISER**

[72] BORODOVSKY, ANNA, US
[72] BETTENCOURT, BRIAN, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2016-05-18
[86] 2014-12-12 (PCT/US2014/069951)
[87] (WO2015/089368)
[30] US (61/915,210) 2013-12-12

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[13] A1

[51] **Int.Cl. F16C 13/02 (2006.01) F16C 33/20 (2006.01) F16J 15/16 (2006.01) F16J 15/18 (2006.01)**

[25] EN
[54] **JOURNAL HOUSING FOR A CYLINDRICAL BEARING AND RELATED METHOD**

[54] **LOGEMENT DE TOURILLON POUR UN PALIER CYLINDRIQUE ET PROCEDE ASSOCIE**

[72] BOLZ, EDWIN WILLIAM, US
[71] ANDRITZ INC., US
[85] 2016-05-18
[86] 2014-11-18 (PCT/US2014/066099)
[87] (WO2015/074029)
[30] US (61/905,650) 2013-11-18
[30] US (14/546,208) 2014-11-18

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[13] A1

[51] **Int.Cl. G01L 7/06 (2006.01) G01H 9/00 (2006.01) G01L 1/24 (2006.01) G01L 7/18 (2006.01) G01L 11/02 (2006.01)**

[25] EN
[54] **SENSOR FOR DETECTING PRESSURE WAVES IN A FLUID, PROVIDED WITH STATIC PRESSURE COMPENSATION**

[54] **CAPTEUR DESTINE A DETECTER DES ONDES DE PRESSION DANS UN FLUIDE, DOTE D'UNE COMPENSATION DE PRESSION STATIQUE**

[72] DE JONG, WILLEM, NL
[72] KNOPPERS, GERMAN ENRIQUE, NL
[72] KARABACAK, DEVREZ MEHMET, NL
[72] MEULBLOK, BASTIAAN, NL
[71] FUGRO TECHNOLOGY B.V., NL
[85] 2016-05-18
[86] 2014-11-18 (PCT/NL2014/000043)
[87] (WO2015/076670)
[30] NL (1040505) 2013-11-19

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[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **CLOUD-BASED TRANSACTIONS METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE TRANSACTIONS EN NUAGE**
[72] WONG, ERICK, US
[72] FLURSCHEIM, CHRISTIAN, US
[72] MAKHOTIN, OLEG, US
[72] LOPEZ, EDUARDO, US
[72] SHARMA, SANJEEV, US
[72] JONES, CHRISTOPHER, US
[72] GUGLANI, ABHISHEK, US
[72] SEVANTO, JARKKO OSKARI, SG
[72] PATEL, BHARATKUMAR, SG
[72] OR, TAI LUNG BURNNET, SG
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2016-05-18
[86] 2014-12-19 (PCT/US2014/071622)
[87] (WO2015/095771)
[30] US (61/918,643) 2013-12-19
[30] US (61/941,227) 2014-02-18
[30] US (61/982,169) 2014-04-21
[30] US (61/983,635) 2014-04-24

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[13] A1

[51] **Int.Cl. G06T 7/60 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE TO MONITOR GROWTH OF AN ANIMAL, IN PARTICULAR A CALF**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DE LA CROISSANCE D'UN ANIMAL, EN PARTICULIER D'UN VEAU**
[72] VAN DER KAMP, ADOLF JAN, NL
[72] VAN DER TOL, PATRICK PHILIP JACOB, NL
[71] LELY PATENT N.V., NL
[85] 2016-05-18
[86] 2014-11-14 (PCT/NL2014/050783)
[87] (WO2015/088329)
[30] NL (2011952) 2013-12-12

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[13] A1

[51] **Int.Cl. C09C 1/30 (2006.01) C09D 5/44 (2006.01) C09D 17/00 (2006.01) C25D 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PIGMENT PASTE, AQUEOUS ELECTROCOAT MATERIAL, USE THEREOF, METHOD FOR CATAPHORETIC ELECTROCOATING, AND COATED ARTICLE**
[54] **PROCEDE DE PRODUCTION D'UNE PATE DE PIGMENT, MATERIAU D'ELECTROREJETEMENT AQUEUX, SON UTILISATION, PROCEDE D'ELECTROREJETEMENT CATAPHORETIQUE, ET ARTICLE REVETU**
[72] HERRMANN, UTE, DE
[72] HOLTSCULTE, SABINE, DE
[72] SCHULTE, ROLF, DE
[72] OTT, GUNTHER, DE
[72] GELBRICH, THORSTEN, DE
[72] STOLL, DOMINIK, DE
[72] SINNWELL, SEBASTIAN, DE
[72] MARKOU, KOSTANTINOS, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-05-18
[86] 2013-12-20 (PCT/EP2013/077808)
[87] (WO2015/090469)

[21] **2,931,096**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **INTEGRATED DEVICES FOR LOW POWER QUANTITATIVE MEASUREMENTS**
[54] **DISPOSITIFS INTEGRES POUR DES MESURES QUANTITATIVES DE FAIBLE PUISSANCE**
[72] GHAFFARI, ROOZBEH, US
[72] LEE, STEPHEN, US
[71] MC10, INC., US
[85] 2016-05-18
[86] 2015-01-02 (PCT/US2015/010052)
[87] (WO2015/103483)
[30] US (61/923,420) 2014-01-03

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[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/444 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED IMIDAZOPYRIDINE AND TRIAZOLOPYRIDINE COMPOUNDS AS NEGATIVE ALLOSTERIC MODULATORS OF MGLUR5**
[54] **COMPOSES IMIDAZOPYRIDINE ET TRIAZOLOPYRIDINE SUBSTITUES UTILISES COMME MODULATEURS ALLOSTERIQUES NEGATIFS DE MGLUR**
[72] EMMITTE, KYLE A. A., US
[72] LINDSLEY, CRAIG W., US
[72] CONN, P. JEFFREY C., US
[72] FELTS, ANDREW S., US
[72] RODRIGUEZ, ALICE L., US
[72] SMITH, KATRINA A., US
[72] JONES, CARRIE K., US
[71] VANDERBILT UNIVERSITY, US
[85] 2016-05-18
[86] 2014-11-18 (PCT/US2014/066207)
[87] (WO2015/077246)
[30] US (61/906,393) 2013-11-19

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[13] A1

[51] **Int.Cl. G06F 15/177 (2006.01)**
[25] EN
[54] **DETERMINATION OF A SUITABLE TARGET FOR AN INITIATOR BY A CONTROL PLANE PROCESSOR**
[54] **DETERMINATION D'UNE CIBLE ADAPTEE POUR UN INITIATEUR PAR UN PROCESSEUR DE PLAN DE COMMANDE**
[72] KRITHIVAS, RAMAMURTHY, US
[72] RENIECKI, JACEK, US
[72] DALY, DANIEL P., US
[72] RANGARAJAN, MADHUSUDHAN, US
[71] INTEL CORPORATION, US
[85] 2016-05-18
[86] 2013-09-27 (PCT/US2013/062466)
[87] (WO2015/047347)

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[13] A1

[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/008 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **CLOSED-LOOP DRILLING PARAMETER CONTROL**
[54] **COMMANDE DE PARAMETRE DE FORAGE A BOUCLE FERMEE**
[72] HAY, RICHARD THOMAS, US
[72] WINSLOW, DANIEL, US
[72] DEOLALIKAR, NEELESH, US
[72] STRACHAN, MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-18
[86] 2013-12-20 (PCT/US2013/076802)
[87] (WO2015/094320)

[21] **2,931,100**
[13] A1

[51] **Int.Cl. C08F 12/30 (2006.01) C07C 39/23 (2006.01) C07C 309/43 (2006.01)**
[25] EN
[54] **ELECTRORESPONSIVE TECHNOLOGY**
[54] **TECHNOLOGIE ELECTROSENSIBLE**
[72] TAYLOR, DARLENE K., US
[72] BALAMI, UDDHAV, US
[71] NORTH CAROLINA CENTRAL UNIVERSITY, US
[85] 2016-05-06
[86] 2014-11-14 (PCT/US2014/065791)
[87] (WO2015/073882)
[30] US (61/904,078) 2013-11-14

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[13] A1

[51] **Int.Cl. E21B 7/08 (2006.01) E21B 23/14 (2006.01)**
[25] EN
[54] **CLOSED-LOOP SPEED/POSITION CONTROL MECHANISM**
[54] **MECANISME DE COMMANDE DE VITESSE/POSITION EN BOUCLE FERMEE**
[72] DEOLALIKAR, NEELESH V., US
[72] WINSLOW, DANIEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-18
[86] 2014-02-20 (PCT/US2014/017397)
[87] (WO2015/126399)

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[13] A1

[51] **Int.Cl. E06B 9/68 (2006.01)**
[25] EN
[54] **QUICK-RELEASE CONTROL SYSTEM FOR ARCHITECTURAL OPENING COVERING**
[54] **SYSTEME DE COMMANDE A LIBERATION RAPIDE POUR REVETEMENT D'OUVERTURE ARCHITECTURALE**
[72] CLEMENTS, GORDON M., US
[72] KNIERIEM, STEPHEN, US
[72] MCCARTHY, BRIAN, US
[72] COULTER, CHRISTOPHER C., US
[71] GORDON'S WINDOW DECOR, INC., US
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[86] 2014-11-18 (PCT/US2014/066209)
[87] (WO2015/074068)
[30] US (61/905,594) 2013-11-18

[21] **2,931,103**
[13] A1

[51] **Int.Cl. A63G 7/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CHANGING THE DIRECTION OF TRAVEL OF A RAIL-BOUND VEHICLE, RAIL-BOUND RIDE HAVING SUCH A DEVICE, AND METHOD FOR OPERATING SUCH A DEVICE**
[54] **DISPOSITIF DE MODIFICATION DU SENS DE MARCHE D'UN VEHICULE ROULANT SUR RAILS, ATTRACTION ROULANT SUR RAILS COMPRENANT UN DISPOSITIF DE CE TYPE ET PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF DE CE TYPE**
[72] SORNIK, FRANK, DE
[72] GORDT, DENNIS, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2016-05-18
[86] 2014-10-06 (PCT/EP2014/071326)
[87] (WO2015/113657)
[30] DE (10 2014 101 007.8) 2014-01-28

[21] **2,931,104**
[13] A1

[51] **Int.Cl. A47G 19/22 (2006.01)**
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[54] **LID FOR A CONTAINER**
[54] **COUVERCLE POUR UN RECIPIENT**
[72] SORENSEN, STEVEN M., US
[72] MEYERS, DAVID O., US
[71] RUNWAY BLUE, LLC, US
[85] 2016-05-18
[86] 2015-01-16 (PCT/US2015/011777)
[87] (WO2015/109199)
[30] US (61/929,081) 2014-01-19
[30] US (61/944,536) 2014-02-25
[30] US (62/004,673) 2014-05-29
[30] US (14/598,087) 2015-01-15

[21] **2,931,105**
[13] A1

[51] **Int.Cl. H04R 3/04 (2006.01) G10H 1/00 (2006.01) G10K 15/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACOUSTIC PROCESSING OF RECORDED SOUNDS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT ACOUSTIQUE DE SONS ENREGISTRES**
[72] DALY, GEORGE WILLIAM, US
[71] DALY, GEORGE WILLIAM, US
[85] 2016-05-18
[86] 2014-09-04 (PCT/US2014/054154)
[87] (WO2015/035093)
[30] US (61/874,099) 2013-09-05
[30] US (61/874,120) 2013-09-05
[30] US (61/874,150) 2013-09-05
[30] US (61/874,125) 2013-09-05
[30] US (61/874,137) 2013-09-05
[30] US (61/874,103) 2013-09-05
[30] US (61/918,550) 2013-12-19

[21] **2,931,106**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **METHODS AND APPARATUS TO MEASURE A CROSS DEVICE AUDIENCE**
[54] **PROCEDES ET APPAREIL POUR MESURER UNE AUDIENCE INTER-DISPOSITIFS**
[72] MERAVIGLIA, CLAUDIO, IT
[71] THE NIELSEN COMPANY (US), LLC, US
[85] 2016-05-18
[86] 2014-11-18 (PCT/US2014/066231)
[87] (WO2015/077253)
[30] US (61/906,273) 2013-11-19

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[21] **2,931,107**
[13] A1

[51] **Int.Cl. C08C 1/14 (2006.01) C08F 6/22 (2006.01) C08J 5/12 (2006.01)**

[25] EN

[54] **CONTINUOUS OR SEMI-CONTINUOUS FREEZING COAGULATION METHOD FOR AQUEOUS POLYMER DISPERSIONS**

[54] **PROCEDE CONTINU OU SEMI-CONTINU DE CRYOCOAGULATION DE DISPERSIONS AQUEUSES DE POLYMERES**

[72] STORKLE, DOMINIC, DE

[72] WEBER, ANDREAS, DE

[72] VORHOLZ, JOHANNES, DE

[72] JUNGKAMP, MELANIE, US

[72] DENGGER, MARCUS, DE

[72] HOFFMANN, NORBERT, DE

[72] RUPPEL, MONA, DE

[72] MULLER, REINER, DE

[72] ALBRECHT, KLAUS, DE

[71] EVONIK ROHM GMBH, DE

[85] 2016-05-18

[86] 2014-11-06 (PCT/EP2014/073889)

[87] (WO2015/074883)

[30] EP (13193654.4) 2013-11-20

[21] **2,931,108**
[13] A1

[51] **Int.Cl. F25B 43/02 (2006.01) F25B 1/00 (2006.01)**

[25] EN

[54] **COMPRESSOR WITH AN OIL SEPARATOR**

[54] **COMPRESSEUR AYANT UN SEPARATEUR D'HUILE**

[72] PEREIRA, ROBERTO HORN, US

[71] THE COCA-COLA COMPANY, US

[85] 2016-05-18

[86] 2014-11-19 (PCT/US2014/066285)

[87] (WO2015/077275)

[30] US (61/908,227) 2013-11-25

[21] **2,931,109**
[13] A1

[51] **Int.Cl. A61K 31/07 (2006.01) A61K 31/195 (2006.01) A61K 31/198 (2006.01) A61K 31/205 (2006.01) A61K 31/355 (2006.01) A61K 31/375 (2006.01) A61K 31/4415 (2006.01) A61K 31/525 (2006.01) A61K 31/592 (2006.01) A61K 31/593 (2006.01) A61K 31/714 (2006.01) A61K 33/04 (2006.01) A61K 33/26 (2006.01) A61K 33/30 (2006.01) A61K 33/34 (2006.01)**

[25] EN

[54] **COMPOSITION USEFUL FOR PROMOTING FEMALE FERTILITY**

[54] **COMPOSITION UTILE POUR FAVORISER LA FERTILITE FEMININE**

[72] VIRMANI, ASHRAF, IT

[72] ZERELLI, SAFOUANE, NL

[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT

[85] 2016-05-18

[86] 2014-11-13 (PCT/EP2014/074424)

[87] (WO2015/082180)

[30] EP (13195774.8) 2013-12-05

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[13] A1

[51] **Int.Cl. C07K 14/20 (2006.01) A61K 39/02 (2006.01) A61K 39/40 (2006.01) C07K 16/12 (2006.01) C07K 19/00 (2006.01) C12N 1/21 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**

[25] EN

[54] **MUTANT FRAGMENTS OF OSPA AND METHODS AND USES RELATING THERETO**

[54] **FRAGMENTS MUTANTS D'OSPA ET PROCEDES ET UTILISATIONS ASSOCIES**

[72] LUNDBERG, URBAN, AT

[72] SCHULER, WOLFGANG, AT

[71] VALNEVA AUSTRIA GMBH, AT

[85] 2016-05-18

[86] 2015-01-09 (PCT/EP2015/050365)

[87] (WO2015/104396)

[30] EP (14150682.4) 2014-01-09

[21] **2,931,111**
[13] A1

[51] **Int.Cl. C07D 493/10 (2006.01) A61K 31/351 (2006.01) A61P 35/00 (2006.01) C07D 309/14 (2006.01)**

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[54] **ANTI-CANCER AGENTS AND PREPARATION THEREOF**

[54] **AGENTS ANTI-CANCEREUX ET LEUR PREPARATION**

[72] GHOSH, ARUN K., US

[71] PURDUE RESEARCH FOUNDATION, US

[85] 2016-05-18

[86] 2014-11-19 (PCT/US2014/066458)

[87] (WO2015/077370)

[30] US (61/906,133) 2013-11-19

[21] **2,931,112**
[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/36 (2006.01) C07K 14/415 (2006.01)**

[25] EN

[54] **PAN POLLEN IMMUNOGENS AND METHODS AND USES FOR IMMUNE RESPONSE MODULATION**

[54] **IMMUNOGENES CONTRE PLUSIEURS POLLENS ET PROCEDES ET UTILISATIONS POUR MODULER LA REPONSE IMMUNITAIRE**

[72] PETERS, BJOERN, US

[72] SETTE, ALESSANDRO, US

[72] GREENBAUM, JASON, US

[72] HOOF, ILKA, DK

[72] CHRISTENSEN, LARS HARDER, DK

[71] LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY, US

[71] ALK-ABELLO A/S, DK

[85] 2016-05-18

[86] 2014-11-20 (PCT/US2014/066577)

[87] (WO2015/077434)

[30] US (61/906,821) 2013-11-20

[30] US (61/946,370) 2014-02-28

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[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) C07K 16/46 (2006.01)**

[25] EN
[54] **DUAL SPECIFIC ANTIBODIES**
[54] **ANTICORPS A DOUBLE SPECIFICITE**

[72] FUH, GERMAINE, US
[72] LEE, CHINGWEI V., US
[72] KOENIG, PATRICK, US
[71] GENENTECH, INC., US
[85] 2016-05-18
[86] 2014-12-18 (PCT/US2014/071193)
[87] (WO2015/095539)
[30] US (61/919,552) 2013-12-20
[30] US (61/946,547) 2014-02-28

[21] **2,931,115**
[13] A1

[51] **Int.Cl. H01G 9/00 (2006.01)**

[25] EN
[54] **ELECTRICAL SYSTEM ENHANCER**
[54] **DISPOSITIF D'AMELIORATION DE SYSTEME ELECTRIQUE**

[72] HUANG, RICKY ZHONG, AU
[72] TAN, JING K, AU
[71] SMART START TECHNOLOGY PTY LTD, AU
[85] 2016-05-19
[86] 2014-11-25 (PCT/AU2014/001072)
[87] (WO2015/074108)
[30] AU (2013263700) 2013-11-25

[21] **2,931,116**
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) A63F 3/06 (2006.01)**

[25] EN
[54] **ALPHANUMERIC LOTTERY GAME SYSTEM AND METHOD**
[54] **SYSTEME DE JEU DE LOTERIE ALPHANUMERIQUE ET PROCEDE CORRESPONDANT**

[72] KADLEC, GARY F., US
[72] SEDORIS, CRAIG R., US
[71] PHRAZZING GAMES, LLC, US
[85] 2016-05-18
[86] 2014-11-20 (PCT/US2014/066633)
[87] (WO2015/077463)
[30] US (61/906,702) 2013-11-20
[30] US (61/931,980) 2014-01-27
[30] US (14/273,535) 2014-05-08
[30] US (14/458,753) 2014-08-13

[21] **2,931,117**
[13] A1

[51] **Int.Cl. H01S 3/30 (2006.01) H01S 3/109 (2006.01)**

[25] EN
[54] **A METHOD AND A SYSTEM FOR GENERATING A RAMAN SECOND STOKES LIGHT TO A SOURCE LIGHT**
[54] **PROCEDE ET SYSTEME POUR GENERER UNE SECONDE LUMIERE DE STOKES DE RAMAN SUR UNE LUMIERE DE SOURCE**

[72] SPENCE, DAVID JAMES, AU
[72] COUTTS, DAVID, AU
[72] MILDREN, RICHARD PAUL, AU
[72] PASK, HELEN MARGARET, AU
[72] LIN, JIPENG, AU
[72] WARRIER, ARAVINDAN, AU
[71] MACQUARIE UNIVERSITY, AU
[85] 2016-05-19
[86] 2014-11-27 (PCT/AU2014/001078)
[87] (WO2015/077823)
[30] AU (2013904611) 2013-11-28

[21] **2,931,118**
[13] A1

[51] **Int.Cl. C22B 23/00 (2006.01) C22B 3/04 (2006.01) C22B 3/14 (2006.01)**

[25] EN
[54] **PROCESS FOR PRODUCING REFINED NICKEL AND OTHER PRODUCTS FROM A MIXED HYDROXIDE INTERMEDIATE**
[54] **PROCEDE DE PRODUCTION DE NICKEL RAFFINE ET D'AUTRES PRODUITS A PARTIR D'UN INTERMEDIAIRE HYDROXYDE MIXTE**

[72] PERRY, SCOTT, AU
[71] BHP BILLITON NICKEL WEST PTY LTD, AU
[85] 2016-05-19
[86] 2014-11-28 (PCT/AU2014/001087)
[87] (WO2015/081368)
[30] AU (2013904693) 2013-12-03

[21] **2,931,119**
[13] A1

[51] **Int.Cl. B64C 27/00 (2006.01) F16F 15/02 (2006.01)**

[25] EN
[54] **ACTIVE VIBRATION CONTROL SYSTEM AND METHOD FOR REDUCING SOUND AND/OR VIBRATION IN A PASSENGER CABIN OF AN AIRCRAFT**
[54] **SYSTEME DE COMMANDE DE VIBRATION ACTIF ET PROCEDE DE DIMINUTION DU BRUIT ET/OU DES VIBRATIONS DANS LA CABINE PASSAGERS D'UN AERONEF**

[72] JAMSHIDIAT, HAMID, US
[72] ELIAS, LAILA M., US
[72] KOSANCHICK, MELVIN, III, US
[71] THE BOEING COMPANY, US
[85] 2016-05-18
[86] 2014-10-09 (PCT/US2014/059831)
[87] (WO2015/105553)
[30] US (14/153,238) 2014-01-13
[30] US (14/468,706) 2014-08-26

[21] **2,931,120**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 30/02 (2012.01)**

[25] EN
[54] **MERCHANT ACTION RECOMMENDATION SYSTEM**
[54] **SYSTEME DE RECOMMANDATION D'ACTIONS DE MARCHAND**

[72] SAKAMOTO, ARES, US
[71] PAYPAL, INC., US
[85] 2016-05-18
[86] 2014-11-05 (PCT/US2014/064074)
[87] (WO2015/080841)
[30] US (61/909,070) 2013-11-26
[30] US (14/191,302) 2014-02-26
[30] US (14/191,290) 2014-02-26

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[21] **2,931,121**
[13] A1

[51] **Int.Cl. G02F 1/153 (2006.01) G02F 1/15 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROL OF ELECTROCHROMIC DEVICES**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE DISPOSITIFS ELECTROCHROMIQUES**
[72] CHANDRASEKHAR, PRASANNA, US
[71] ASHWIN-USHAS CORPORATION, INC., US
[85] 2016-05-18
[86] 2014-11-12 (PCT/US2014/065170)
[87] (WO2015/077097)
[30] US (14/084,684) 2013-11-20

[21] **2,931,122**
[13] A1

[51] **Int.Cl. B01J 8/24 (2006.01) C07C 2/86 (2006.01)**
[25] EN
[54] **INCREASED CONVERSION OF RECYCLED OXYGENATES IN MTO**
[54] **AUGMENTATION DE LA TRANSFORMATION DE COMPOSES OXYGENES RECYCLES EN MTO**
[72] SENETAR, JOHN J., US
[72] KAUFF, DANIEL A., US
[72] BOZZANO, ANDREA G., US
[71] UOP LLC, US
[85] 2016-05-18
[86] 2014-11-14 (PCT/US2014/065667)
[87] (WO2015/077142)
[30] US (14/089,104) 2013-11-25

[21] **2,931,123**
[13] A1

[51] **Int.Cl. C07C 7/12 (2006.01) B01D 15/00 (2006.01)**
[25] EN
[54] **SEPARATION OF ISO-OLEFINS FROM PARAFFINS**
[54] **SEPARATION D'ISO-OLEFINES ET DE PARAFFINES**
[72] KULPRATHIPANJA, SANTI, US
[72] SOHN, STEPHEN W., US
[71] UOP LLC, US
[85] 2016-05-18
[86] 2014-11-17 (PCT/US2014/065865)
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[30] US (14/089,968) 2013-11-26
[30] US (14/089,996) 2013-11-26

[21] **2,931,124**
[13] A1

[51] **Int.Cl. C22B 9/05 (2006.01) C22B 21/06 (2006.01)**
[25] EN
[54] **ULTRASONIC PROBES WITH GAS OUTLETS FOR DEGASSING OF MOLTEN METALS**
[54] **SONDES A ULTRASONS AVEC SORTIES DE GAZ POUR LE DEGAZAGE DE METAUX EN FUSION**
[72] RUNDQUIST, VICTOR F., US
[71] SOUTHWIRE COMPANY, LLC, US
[85] 2016-05-18
[86] 2014-11-17 (PCT/US2014/065912)
[87] (WO2015/073951)
[30] US (61/905,408) 2013-11-18

[21] **2,931,135**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ALLELES MODIFYING BRASSICA PLANT TOTAL SATURATED FATTY ACID CONTENT**
[54] **ALLELES MODIFIANT LA TENEUR TOTALE EN ACIDES GRAS SATURES D'UNE PLANTE DE BRASSICA**
[72] FLETCHER, RICHARD, US
[72] ZHENG, HONGGAND, US
[72] HERMANN, DAVID, US
[71] CARGILL, INCORPORATED, US
[85] 2016-05-16
[86] 2014-11-21 (PCT/US2014/066973)
[87] (WO2015/077661)
[30] US (61/907,025) 2013-11-21

[21] **2,931,136**
[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61P 31/04 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **VACCINE AGAINST LAWSONIA INTRACELLULARIS AND PORCINE CIRCOVIRUS 2**
[54] **VACCIN CONTRE LA LAWSONIA INTRACELLULARIS ET LE CIRCOVIRUS PORCIN 2**
[72] JACOBS, ANTONIUS ARNOLDUS CHRISTIAAN, NL
[72] FACHINGER, VICKY, NL
[72] SNO, MELANIE, NL
[72] WITVLIET, MAARTEN HENDRIK, NL
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2016-05-19
[86] 2014-12-02 (PCT/EP2014/076223)
[87] (WO2015/082457)
[30] EP (13195515.5) 2013-12-03
[30] EP (14187317.4) 2014-10-01

[21] **2,931,137**
[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61P 31/04 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **VACCINE AGAINST PORCINE CIRCO VIRUS TYPE 2**
[54] **VACCIN CONTRE LE CIRCOVIRUS PORCIN DE TYPE 2**
[72] FACHINGER, VICKY, NL
[72] SNO, MELANIE, NL
[72] WITVLIET, MAARTEN HENDRIK, NL
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2016-05-19
[86] 2014-12-02 (PCT/EP2014/076224)
[87] (WO2015/082458)
[30] EP (13195515.5) 2013-12-03

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[21] **2,931,138**
[13] A1

[51] **Int.Cl. G01N 21/85 (2006.01)**
[25] EN
[54] **AN OPTICAL SAMPLING APPARATUS AND METHOD FOR UTILIZING THE SAMPLING APPARATUS**
[54] **APPAREIL D'ECHANTILLONNAGE OPTIQUE ET PROCEDE D'UTILISATION DES APPAREILS D'ECHANTILLONNAGE**
[72] MARBACH, RALF, FI
[71] GRAINSENSE OY, FI
[85] 2016-05-17
[86] 2013-11-14 (PCT/IB2013/060140)
[87] (WO2014/080322)
[30] FI (20126214) 2012-11-20

[21] **2,931,139**
[13] A1

[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61P 31/04 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **SWINE VACCINE AGAINST PRRS AND LAWSONIA INTRACELLULARIS**
[54] **VACCIN PORCIN CONTRE LE PRRS ET LAWSONIA INTRACELLULARIS**
[72] DREXLER, CHRISTA, NL
[72] JACOBS, ANTONIUS ARNOLDUS CHRISTIAAN, NL
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2016-05-19
[86] 2014-12-02 (PCT/EP2014/076243)
[87] (WO2015/082465)
[30] EP (13195529.6) 2013-12-03

[21] **2,931,141**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **HEATED AEROSOL GENERATING ARTICLE WITH AIR-FLOW BARRIER**
[54] **ARTICLE GENERANT UN AEROSOL CHAUFFE DOTE D'UNE BARRIERE D'ECOULEMENT D'AIR**
[72] MALGAT, ALEXANDRE, CH
[72] ROUDIER, STEPHANE, CH
[72] BORGES DE COURACA, ANA CAROLINA, CH
[72] LAVANCHY, FREDERIC, CH
[72] MEYER, CEDRIC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-05-19
[86] 2014-12-04 (PCT/EP2014/076648)
[87] (WO2015/082650)
[30] EP (13195880.3) 2013-12-05

[21] **2,931,142**
[13] A1

[51] **Int.Cl. B05B 1/14 (2006.01) A23B 7/158 (2006.01) A47F 3/00 (2006.01) A47F 7/00 (2006.01) B05B 1/26 (2006.01) B05B 1/30 (2006.01) B05B 7/00 (2006.01)**
[25] FR
[54] **MIST-DIFFUSING HEAD PROVIDED WITH A DEFLECTOR**
[54] **TETE DE DIFFUSION DE BROUILLARD MUNIE D'UN DEFLECTEUR**
[72] GSCHWIND, MICHEL, FR
[72] DUBOIS, JULIEN, FR
[72] SABRAOUI, ABBAS, FR
[71] ARECO FINANCES ET TECHNOLOGIE - ARFITEC, FR
[85] 2016-05-18
[86] 2014-11-13 (PCT/FR2014/052894)
[87] (WO2015/075352)
[30] FR (1361356) 2013-11-19

[21] **2,931,143**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/129 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **PACKER BRIDGE PLUG WITH SLIPS**
[54] **BOUCHON-PONT EN Puits DE GARNITURE D'ETANCHEITE A COINS DE RETENUE**
[72] SOMMERS, MICHAEL, US
[71] TARGET COMPLETIONS, LLC, US
[85] 2016-05-18
[86] 2014-11-24 (PCT/US2014/067158)
[87] (WO2015/077722)
[30] US (61/907,447) 2013-11-22
[30] US (62/051,694) 2014-09-17

[21] **2,931,144**
[13] A1

[51] **Int.Cl. A61K 31/454 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **ANTI-INFECTIVE METHODS, COMPOSITIONS, AND DEVICES**
[54] **PROCEDES, COMPOSITIONS ET DISPOSITIFS ANTI-INFECTIEUX**
[72] PILLAI, RADHAKRISHNAN, US
[72] DOW, GORDON, US
[71] DOW PHARMACEUTICAL SCIENCES, INC., US
[85] 2016-05-18
[86] 2014-11-24 (PCT/US2014/067184)
[87] (WO2015/077729)
[30] US (61/907,401) 2013-11-22

[21] **2,931,145**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **MALICIOUS ATTACK DETECTION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DETECTION D'ATTAQUE MALVEILLANTE**
[72] LIN, KE, CN
[72] WANG, YONGCAN, CN
[72] TIAN, YINGJUN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-05-19
[86] 2014-09-05 (PCT/CN2014/085989)
[87] (WO2015/074451)
[30] CN (201310596661.0) 2013-11-22

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[21] **2,931,146**
[13] A1

[51] **Int.Cl. A61K 39/39 (2006.01) A61K 31/7084 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **USE OF FLUORINATED CYCLIC DINUCLEOTIDES AS ORAL VACCINE ADJUVANTS**

[54] **UTILISATION DE DINUCLEOTIDES CYCLIQUES FLUORES COMME ADJUVANTS DE VACCIN ORAL**

[72] YAN, HONGBIN, CA
[72] CHEN, WANGXUE, CA
[72] KUO LEE, RHONDA, CA
[71] BROCK UNIVERSITY, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA

[85] 2016-05-19
[86] 2014-11-18 (PCT/CA2014/051100)
[87] (WO2015/074145)
[30] US (61/907,606) 2013-11-22

[21] **2,931,147**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 35/00 (2006.01) C07D 471/14 (2006.01)**

[25] EN

[54] **IMIDAZOLONE DERIVATIVES, PHARMCEUTICAL COMPOSITIONS AND USES THEREOF**

[54] **DERIVES CETONE D'IMIDAZOLES, COMPOSITIONS PHARMACEUTIQUES DESDITS DERIVES ET LEUR UTILISATION**

[72] ZHANG, XINGMIN, CN
[72] JI, QI, CN
[72] WANG, LEI, CN
[72] GAO, CONGMIN, CN
[72] WANG, ENSI, CN
[72] DU, ZHENJIAN, CN
[72] GONG, LONGLONG, CN
[72] CHEN, BO, CN
[71] BEIJING FORELANDPHARMA CO. LTD., CN

[85] 2016-05-19
[86] 2014-11-14 (PCT/CN2014/091138)
[87] (WO2015/074516)
[30] CN (201310589080.4) 2013-11-20

[21] **2,931,148**
[13] A1

[51] **Int.Cl. G09F 3/00 (2006.01) B65C 5/02 (2006.01) G09F 3/02 (2006.01) G09F 3/10 (2006.01)**

[25] EN

[54] **SECURITY LABEL**

[54] **ETIQUETTE DE SECURITE**

[72] NEWMAN, RICHARD, GB
[71] MAX-GEAR INNOVATIONS LIMITED, GB

[85] 2016-05-19
[86] 2014-11-20 (PCT/GB2014/000481)
[87] (WO2015/075417)
[30] GB (1320478.9) 2013-11-20

[21] **2,931,149**
[13] A1

[51] **Int.Cl. A47F 9/04 (2006.01)**

[25] EN

[54] **CHECKOUT TERMINAL**

[54] **TERMINAL DE CAISSE**

[72] MCPHERSON, SAMANTHA, GB
[72] BROUGH, ZOE, GB
[72] CHEEMA, NAZIM, GB
[72] HARRINGTON, PAUL, GB
[72] LAWSON, SARAH, GB
[72] DENNIS, PAUL, GB
[71] ASDA STORES LIMITED, GB

[85] 2016-05-19
[86] 2014-11-19 (PCT/GB2014/053419)
[87] (WO2015/075444)
[30] GB (1320612.3) 2013-11-22

[21] **2,931,150**
[13] A1

[51] **Int.Cl. G05B 19/418 (2006.01)**

[25] EN

[54] **AUTOMATIC INSPECTION AND MONITORING METHOD BASED ON TIME DOMAIN SLOTING CONTROL**

[54] **PROCEDE AUTOMATIQUE D'INSPECTION ET DE SURVEILLANCE BASE SUR LA COMMANDE D'INTERVALLES DE DOMAINE TEMPOREL**

[72] SUN, HUADONG, CN
[72] YANG, MAOJUN, CN
[72] LUO, FULONG, CN
[72] LI, GUOSHENG, CN
[72] XIA, YING, CN
[72] HUANG, LEI, CN
[72] LIU, WEIPING, CN
[72] ZHANG, LIUZHENG, CN
[72] WANG, YUAN, CN
[71] CHINA NATIONAL PETROLEUM CORPORATION, CN
[71] BGP INC., CHINA NATIONAL PETROLEUM CORPORATION, CN

[85] 2016-05-19
[86] 2014-11-20 (PCT/CN2014/091770)
[87] (WO2015/074584)
[30] CN (201310586032.X) 2013-11-20

[21] **2,931,151**
[13] A1

[51] **Int.Cl. B29C 70/32 (2006.01) C08J 3/20 (2006.01) C08J 5/18 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR FORMING COMPOSITES**

[54] **PROCEDE ET SYSTEME DE FORMATION DE COMPOSITES**

[72] GERAKOPULOS, RYAN JOAQUIN, CA
[72] ANGAMMANA, CHITRAL JAYASANKA, CA
[72] JAYARAM, SHESHAKAMAL, CA
[71] GERAKOPULOS, RYAN JOAQUIN, CA
[71] ANGAMMANA, CHITRAL JAYASANKA, CA
[71] JAYARAM, SHESHAKAMAL, CA

[85] 2016-05-19
[86] 2014-11-20 (PCT/CA2014/051110)
[87] (WO2015/074151)
[30] US (61/962,964) 2013-11-20

PCT Applications Entering the National Phase

[21] **2,931,152**
[13] A1

[51] **Int.Cl. G01N 35/02 (2006.01)**
[25] EN
[54] **FULL-AUTOMATIC INSTANT CHECK METER**
[54] **COMPTEUR DE CONTROLE INSTANTANE TOTALEMENT AUTOMATIQUE**
[72] ZHOU, XUYI, CN
[72] HONG, LONGBIN, CN
[72] XU, WENJIE, CN
[72] CHEN, XIAODONG, CN
[72] ZHOU, SONGBING, CN
[72] SHEN, GUOJIN, CN
[72] HU, RUI, CN
[71] HANGZHOU JOINSTAR BIOMEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-05-19
[86] 2014-12-25 (PCT/CN2014/094931)
[87] (WO2015/096767)
[30] CN (201310730567.X) 2013-12-26

[21] **2,931,153**
[13] A1

[51] **Int.Cl. H02K 21/24 (2006.01) F03D 9/00 (2016.01) H02K 7/18 (2006.01) H02K 1/27 (2006.01) H02K 3/04 (2006.01)**
[25] EN
[54] **DIRECT DRIVE GENERATOR FOR RENEWABLE ENERGY APPLICATIONS**
[54] **GENERATEUR A ENTRAINEMENT DIRECT POUR DES APPLICATIONS DANS LE DOMAINE DES ENERGIES RENOUEVELABLES**
[72] KELLY, HUGH-PETER GRANVILLE, GB
[71] GREENSPUR RENEWABLES LIMITED, GB
[85] 2016-05-19
[86] 2014-11-20 (PCT/GB2014/053436)
[87] (WO2015/075456)
[30] GB (1320623.0) 2013-11-21

[21] **2,931,154**
[13] A1

[51] **Int.Cl. B08B 3/02 (2006.01) B63B 59/10 (2006.01)**
[25] EN
[54] **A CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE**
[72] THERKILDSEN, LARS, DK
[71] NILFISK-ADVANCE A/S, DK
[85] 2016-05-19
[86] 2014-11-10 (PCT/DK2014/050377)
[87] (WO2015/074662)
[30] DK (PA 2013 70711) 2013-11-20

[21] **2,931,155**
[13] A1

[51] **Int.Cl. B65H 29/46 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **FULLY AUTOMATIC TEST CARD CONVEYING APPARATUS FOR INSTANT TESTING INSTRUMENT**
[54] **APPAREIL DE TRANSPORT DE CARTE D'ESSAI ENTIEREMENT AUTOMATIQUE POUR INSTRUMENT D'ESSAI INSTANTANE**
[72] ZHOU, XUYI, CN
[72] HONG, LONGBIN, CN
[72] XU, WENJIE, CN
[72] CHEN, XIAODONG, CN
[72] ZHOU, SONGBING, CN
[72] SHEN, GUOJIN, CN
[72] HU, RUI, CN
[71] HANGZHOU JOINSTAR BIOMEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-05-19
[86] 2014-12-25 (PCT/CN2014/094936)
[87] (WO2015/096769)
[30] CN (201320866370.4) 2013-12-26

[21] **2,931,156**
[13] A1

[51] **Int.Cl. G01N 35/00 (2006.01)**
[25] EN
[54] **SHAKING DEVICE FOR FULLY-AUTOMATIC INSTANT CHECK METER**
[54] **DISPOSITIF D'AGITATION POUR COMPTEUR DE CONTROLE INSTANTANE TOTALEMENT AUTOMATIQUE**
[72] ZHOU, XUYI, CN
[72] HONG, LONGBIN, CN
[72] XU, WENJIE, CN
[72] CHEN, XIAODONG, CN
[72] ZHOU, SONGBING, CN
[72] SHEN, GUOJIN, CN
[72] HU, RUI, CN
[71] HANGZHOU JOINSTAR BIOMEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-05-19
[86] 2014-12-25 (PCT/CN2014/094948)
[87] (WO2015/096773)
[30] CN (201320866292.8) 2013-12-26

[21] **2,931,157**
[13] A1

[51] **Int.Cl. A61K 36/37 (2006.01) A61K 31/352 (2006.01) A61K 31/575 (2006.01) A61P 3/04 (2006.01) C07H 7/04 (2006.01) C07J 71/00 (2006.01) C12N 9/04 (2006.01) C12N 9/16 (2006.01)**
[25] EN
[54] **SALACIA COMPOSITIONS, METHODS OF TREATMENT BY THEIR ADMINISTRATION, AND METHODS OF THEIR PREPARATION**
[54] **COMPOSITIONS A BASE DE SALACIA, METHODES DE TRAITEMENT IMPLIQUANT LEUR ADMINISTRATION ET LEURS PROCEDES DE PREPARATION**
[72] DESHPANDE, JAYANT, CA
[72] GHANAM, KHADIJA, CA
[72] EWART, STEPHEN, CA
[72] JUTURU, VIJAYA, US
[71] OMNIACTIVE HEALTH TECHNOLOGIES (CANADA) LIMITED, CA
[85] 2016-05-19
[86] 2014-11-19 (PCT/IB2014/002990)
[87] (WO2015/075549)
[30] US (61/906,194) 2013-11-19

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[21] **2,931,158**
[13] A1

[51] **Int.Cl. E21B 17/01 (2006.01) H02G 1/10 (2006.01)**
[25] EN
[54] **OFFSHORE FLEXIBLE LINE INSTALLATION AND REMOVAL**
[54] **INSTALLATION ET RETRAIT D'UNE LIGNE FLEXIBLE EN MER**
[72] KRISTOFFERSEN, STEINAR, NO
[72] HAUG, OYVIND, NO
[72] GRAVEY, GUILLAUME, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2016-05-19
[86] 2013-11-20 (PCT/EP2013/074263)
[87] (WO2015/074687)

[21] **2,931,159**
[13] A1

[51] **Int.Cl. F16B 23/00 (2006.01)**
[25] EN
[54] **SCREW ELEMENT HAVING A TOOL ENGAGEMENT PORTION**
[54] **ELEMENT VIS COMPORTANT UNE PARTIE DE PRISE POUR OUTIL**
[72] BJELOBRADIC, ZORAN, DE
[72] CATTANEO, SERGIO, IT
[72] FISCHER, SVEN, DE
[72] KIRCHHERR, FRANK, DE
[72] REDAELLI, PAOLO, IT
[71] FONTANA FASTENERS R.D. S.R.L., IT
[85] 2016-05-19
[86] 2014-10-14 (PCT/EP2014/072029)
[87] (WO2015/086196)
[30] DE (10 2013 021 238.3) 2013-12-14

[21] **2,931,160**
[13] A1

[51] **Int.Cl. G01P 13/04 (2006.01) B60R 25/33 (2013.01) B60R 25/00 (2013.01) B60W 40/10 (2012.01)**
[25] EN
[54] **POWERLESS VEHICLE MOVEMENT DETECTOR**
[54] **DETECTEUR DE MOUVEMENT DE VEHICULE SANS ALIMENTATION EN ENERGIE**
[72] DIMMER, DAVID, CA
[72] KANNER, ABE, CA
[71] THALES CANADA INC., CA
[85] 2016-05-19
[86] 2014-07-26 (PCT/IB2014/063443)
[87] (WO2015/075570)
[30] US (14/085,736) 2013-11-20

[21] **2,931,161**
[13] A1

[51] **Int.Cl. A61K 31/4965 (2006.01) A61P 13/00 (2006.01) A61P 13/10 (2006.01)**
[25] FR
[54] **USE OF PAR-1 ANTAGONISTS FOR PREVENTING AND/OR TREATING PELVI-PERINEAL FUNCTIONAL PATHOLOGICAL CONDITIONS**
[54] **UTILISATION D'ANTAGONISTES PAR-1 POUR LA PREVENTION ET/OU LE TRAITEMENT DES PATHOLOGIES FONCTIONNELLES PELVI-PERINEALES**
[72] LE GRAND, BRUNO, FR
[72] JUNQUERO, DIDIER, FR
[72] MONJOTIN, NICOLAS, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2016-05-19
[86] 2014-10-31 (PCT/EP2014/073453)
[87] (WO2015/090705)
[30] FR (1362682) 2013-12-16

[21] **2,931,162**
[13] A1

[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/138 (2006.01) A61K 31/15 (2006.01) A61K 31/343 (2006.01) A61K 31/36 (2006.01) A61K 31/4515 (2006.01) A61K 31/4525 (2006.01) A61K 31/519 (2006.01) A61K 31/55 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **PHARMACOLOGICAL TREATMENT OF OBSESSIVE-COMPULSIVE DISORDER**
[54] **TRAITEMENT PHARMACOLOGIQUE DU TROUBLE OBSESSIONNEL COMPULSIF**
[72] VERLEYE, MARC, FR
[72] LE GUERN, MARIE-EMMANUELLE, FR
[71] BIOCOCODEX, FR
[85] 2016-05-19
[86] 2014-11-20 (PCT/EP2014/075213)
[87] (WO2015/075155)
[30] EP (13306586.2) 2013-11-20

[21] **2,931,163**
[13] A1

[51] **Int.Cl. B07C 5/342 (2006.01)**
[25] EN
[54] **METHOD FOR ASSOCIATING OBJECTS WITH OBJECT CLASSES AND DEVICE FOR SORTING OBJECTS**
[54] **PROCEDE D'ASSOCIATION D'OBJETS A DES CLASSES D'OBJETS ET DISPOSITIF DE TRIAGE D'OBJETS**
[72] LI, ZHE, DE
[72] SCHULTE-AUSTUM, MATTHIAS, DE
[72] KRECH, DIETMAR, DE
[72] PAETSCH, HOLGER, DE
[72] RAUH, INGOLF, DE
[72] VON DER NULL, STEPHAN, DE
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2016-05-19
[86] 2014-11-17 (PCT/EP2014/074715)
[87] (WO2015/074985)
[30] DE (10 2013 223 768.5) 2013-11-21

[21] **2,931,164**
[13] A1

[51] **Int.Cl. C08L 1/08 (2006.01) B29C 45/00 (2006.01) C08J 3/03 (2006.01) C08J 3/18 (2006.01) C08J 5/00 (2006.01) C08L 101/14 (2006.01)**
[25] EN
[54] **WATER-DISPERSIBLE THERMOPLASTIC INJECTION MOLDED COMPOSITION**
[54] **COMPOSITION THERMOPLASTIQUE HYDRODISPERSABLE MOULEE PAR INJECTION**
[72] WANG, JAMES H., US
[72] WIDEMAN, GREGORY J., US
[72] MLEZIVA, MARK M., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2016-05-19
[86] 2014-09-29 (PCT/IB2014/064931)
[87] (WO2015/079336)
[30] US (14/092,013) 2013-11-27

PCT Applications Entering the National Phase

[21] **2,931,165**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01) A61K 9/00 (2006.01) A61K 31/167 (2006.01) A61K 31/58 (2006.01)**

[25] EN

[54] **DRY POWDER INHALER**

[54] **INHALATEUR DE POUDRE SECHE**

[72] ARP, JAN, NL

[72] KEEGSTRA, JOHAN, NL

[72] GOLLER, MICHAEL IMRE, NL

[71] PHARMACHEMIE B.V., NL

[85] 2016-05-19

[86] 2014-11-19 (PCT/EP2014/075043)

[87] (WO2015/086276)

[30] GB (1321712.0) 2013-12-09

[21] **2,931,166**
[13] A1

[51] **Int.Cl. C12Q 1/00 (2006.01)**

[25] EN

[54] **DUAL-CHAMBER ANALYTICAL TEST STRIP**

[54] **BANDELETTE DE TEST ANALYTIQUE DOUBLE CHAMBRE**

[72] ELDER, DAVID, GB

[72] SETFORD, STEVEN, GB

[72] FAULKNER, ALLAN, GB

[72] WALSH, RYAN, GB

[71] CILAG GMBH INTERNATIONAL, CH

[85] 2016-05-19

[86] 2014-11-21 (PCT/EP2014/075239)

[87] (WO2015/075170)

[30] US (14/087,453) 2013-11-22

[21] **2,931,167**
[13] A1

[51] **Int.Cl. G01S 15/88 (2006.01) G01B 17/06 (2006.01) G01S 15/89 (2006.01)**

[25] EN

[54] **METHOD FOR RECONSTRUCTING A SURFACE OF A PIECE**

[54] **PROCEDE DE RECONSTRUCTION D'UNE SURFACE D'UNE PIECE**

[72] IAKOVLEVA, EKATERINA, FR

[72] CHATILLON, SYLVAIN, FR

[72] MAHAUT, STEVE, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2016-05-19

[86] 2014-11-20 (PCT/EP2014/075145)

[87] (WO2015/075121)

[30] FR (1361502) 2013-11-22

[21] **2,931,168**
[13] A1

[51] **Int.Cl. H05B 33/08 (2006.01)**

[25] EN

[54] **CONTROLLED COLOR LIGHT SOURCE**

[54] **SOURCE DE LUMIERE COLOREE REGULEE**

[72] WOLFING, BERND, DE

[72] REICHERT, THOMAS, DE

[72] DIETRICH, ANDREAS, DE

[72] HATZENBUHLER, ANDREAS, DE

[72] BLEISINGER, BJORN, DE

[72] SPRZAGALA, MARC TIMON, DE

[72] CRAMER, MARTIN, DE

[72] KEIPER, OLIVER, DE

[72] MATTHEIS, SANDRA, DE

[71] SCHOTT AG, DE

[85] 2016-05-19

[86] 2014-11-21 (PCT/EP2014/075295)

[87] (WO2015/075187)

[30] DE (10 2013 112 906.4) 2013-11-22

[21] **2,931,169**
[13] A1

[51] **Int.Cl. G06F 21/30 (2013.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR AUTHENTICATION AND VERIFICATION**

[54] **SYSTEMES ET PROCEDES D'AUTHENTIFICATION ET DE VERIFICATION**

[72] BICER, JACK, US

[71] BICER, JACK, US

[85] 2016-05-19

[86] 2013-11-19 (PCT/US2013/070791)

[87] (WO2014/081720)

[30] US (61/729,266) 2012-11-21

[30] US (61/772,110) 2013-03-04

[30] US (13/963,941) 2013-08-09

[21] **2,931,170**
[13] A1

[51] **Int.Cl. C09D 17/00 (2006.01) C08F 283/00 (2006.01) C08F 290/06 (2006.01) C08F 290/14 (2006.01) C08G 18/08 (2006.01)**

[25] EN

[54] **PIGMENT PASTES COMPRISING AN AQUEOUS DISPERSION OF A COPOLYMER**

[54] **PATES DE PIGMENT RENFERMANT UNE DISPERSION AQUEUSE D'UN COPOLYMER**

[72] STEINMETZ, BERNHARD, DE

[72] LUHMANN, NADIA, DE

[72] JANKOWSKI, PEGGY, DE

[72] MATURA, MICHAEL, DE

[72] REUTER, HARDY, DE

[72] SCHWARTE, STEPHAN, DE

[71] BASF COATINGS GMBH, DE

[85] 2016-05-17

[86] 2014-11-19 (PCT/EP2014/074964)

[87] (WO2015/090811)

[30] EP (13197970.0) 2013-12-18

[21] **2,931,171**
[13] A1

[51] **Int.Cl. A23C 19/09 (2006.01) A23C 3/00 (2006.01)**

[25] EN

[54] **STABILISED CHEESE PRODUCTS**

[54] **PRODUITS STABILISES A BASE DE FROMAGE**

[72] VAN DER KOLK, BIANCA, NL

[72] MICHIELS, WILHELMUS JOHANNES GERARDUS, NL

[71] CRISP SENSATION HOLDING SA, CH

[85] 2016-05-19

[86] 2014-11-21 (PCT/EP2014/075341)

[87] (WO2015/075210)

[30] EP (13194129.6) 2013-11-22

Demandes PCT entrant en phase nationale

[21] **2,931,172**
[13] A1

[51] **Int.Cl. A61K 38/49 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **TREATMENT FOR AIRWAY CAST OBSTRUCTION**
[54] **TRAITEMENT D'UNE OBSTRUCTION DES VOIES AERIENNES PAR DES MOULES BRONCHIQUES**
[72] WHITE, CARL W., US
[72] VERESS, LIVIA A., US
[71] NATIONAL JEWISH HEALTH, US
[85] 2016-05-19
[86] 2013-12-05 (PCT/US2013/073372)
[87] (WO2014/089327)
[30] US (61/733,798) 2012-12-05

[21] **2,931,173**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/14 (2006.01) A61K 33/26 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION, COMPRISING PHOSPHATE BINDER PARTICLES**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES PARTICULES DE CHELATEUR DE PHOSPHATE**
[72] CHOFFLON, LAURENT, CH
[72] PHILIPP, ERIK, CH
[71] VIFOR (INTERNATIONAL) AG, CH
[85] 2016-05-19
[86] 2014-11-26 (PCT/EP2014/075640)
[87] (WO2015/078900)
[30] EP (13194632.9) 2013-11-27
[30] EP (14156793.3) 2014-02-26

[21] **2,931,174**
[13] A1

[51] **Int.Cl. A61L 15/18 (2006.01) A61F 13/00 (2006.01) A61L 15/42 (2006.01) A61L 15/44 (2006.01)**
[25] EN
[54] **MEDICAL DRESSING**
[54] **EMPLATRE MEDICAL**
[72] SUSCHEK, CHRISTOPH V., DE
[71] BSN MEDICAL GMBH, DE
[85] 2016-05-06
[86] 2014-11-07 (PCT/EP2014/074029)
[87] (WO2015/067746)
[30] DE (10 2013 018 642.0) 2013-11-07

[21] **2,931,175**
[13] A1

[51] **Int.Cl. B23K 1/00 (2006.01) B23K 1/19 (2006.01) B23K 20/16 (2006.01)**
[25] EN
[54] **THERMALLY STABLE POLYCRYSTALLINE DIAMOND WITH ENHANCED ATTACHMENT JOINT**
[54] **DIAMANT POLYCRISTALLIN THERMIQUEMENT STABLE COMPRENANT UN JOINT DE FIXATION AMELIORE**
[72] ANDERLE, SETH GARRETT, US
[72] KNUTESON, CODY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-19
[86] 2013-12-23 (PCT/US2013/077438)
[87] (WO2015/099653)

[21] **2,931,176**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **A METHOD FOR PREDICTING RESPONSIVENESS TO A TREATMENT WITH AN EGFR INHIBITOR**
[54] **PROCEDE DE PREDICTION DE LA SENSIBILITE A UN TRAITEMENT PAR UN INHIBITEUR D'EGFR**
[72] THIEBAUT, RAPHAELE, FR
[71] INTEGRAGEN, FR
[85] 2016-05-19
[86] 2014-11-26 (PCT/EP2014/075651)
[87] (WO2015/078906)
[30] EP (13306619.1) 2013-11-26

[21] **2,931,177**
[13] A1

[51] **Int.Cl. C08L 23/14 (2006.01)**
[25] EN
[54] **POLYPROPYLENE COMPOSITION SUITABLE FOR PRIMERLESS PAINTING**
[54] **COMPOSITION DE POLYPROPYLENE CONVENANT POUR LA PEINTURE SANS COUCHE PRIMAIRE**
[72] GLOGER, DIETRICH, AT
[72] KNEISEL, CLAUDIA, AT
[72] GRESTENBERGER, GEORG, AT
[72] MILEVA, DANIELA, AT
[71] BOREALIS AG, AT
[85] 2016-05-19
[86] 2014-12-01 (PCT/EP2014/076111)
[87] (WO2015/082402)
[30] EP (13195767.2) 2013-12-04

[21] **2,931,178**
[13] A1

[51] **Int.Cl. B60W 30/00 (2006.01) B60W 50/16 (2012.01) B60W 10/20 (2006.01)**
[25] EN
[54] **INTUITIVE DRIVE-BY-WIRE STEERING WITH REDUNDANT MECHANICAL CONTROL**
[54] **DIRECTION A COMMANDE ELECTRIQUE INTUITIVE POURVUE D'UNE COMMANDE MECANIQUE REDONDANTE**
[72] KIM, DANIEL KEE YOUNG, US
[72] WADE, COLIN, US
[71] LIT MOTORS CORPORATION, US
[71] KIM, DANIEL KEE YOUNG, US
[71] WADE, COLIN, US
[85] 2016-05-11
[86] 2014-11-11 (PCT/US2014/065092)
[87] (WO2015/070251)
[30] US (61/902,721) 2013-11-11

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[21] **2,931,179**
[13] A1

[51] **Int.Cl. C08L 23/12 (2006.01) C08L 23/14 (2006.01)**
[25] EN
[54] **POLYPROPYLENE COMPOSITION WITH EXCELLENT PAINT ADHESION**
[54] **COMPOSITION DE POLYPROPYLENE PRESENTANT UNE EXCELLENTE ADHERENCE DE LA PEINTURE**
[72] GRESTENBERGER, GEORG, AT
[72] KNIESEL, CLAUDIA, AT
[72] MILEVA, DANIELA, AT
[72] GLOGER, DIETRICH, AT
[71] BOREALIS AG, AT
[85] 2016-05-19
[86] 2014-12-01 (PCT/EP2014/076112)
[87] (WO2015/082403)
[30] EP (13195768.0) 2013-12-04

[21] **2,931,180**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **HEATED AEROSOL GENERATING ARTICLE WITH THERMAL SPREADING ENDPiece**
[54] **OBJET GENERANT UN AEROSOL CHAUFFE COMPORTANT UN EMBOUT DE DISSIPATION THERMIQUE**
[72] MALGAT, ALEXANDRE, CH
[72] ROUDIER, STEPHANE, CH
[72] BORGES, ANA, CH
[72] LAVANCHY, FREDERIC, CH
[72] MEYER, CEDRIC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-05-19
[86] 2014-12-04 (PCT/EP2014/076652)
[87] (WO2015/082654)
[30] EP (13195907.4) 2013-12-05

[21] **2,931,181**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR DETECTING INACTIVATION OF THE HOMOLOGOUS RECOMBINATION PATHWAY (BRCA1/2) IN HUMAN TUMORS**
[54] **PROCEDE POUR LA DETECTION DE L'INACTIVATION DE VOIE DE RECOMBINAISON HOMOLOGUE (BRCA1/2) DANS DES TUMEURS HUMAINES**
[72] MANIE, ELODIE, FR
[72] STERN, MARC-HENRI, FR
[72] POPOVA, TATIANA, FR
[71] INSTITUT CURIE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2016-05-19
[86] 2014-12-05 (PCT/EP2014/076786)
[87] (WO2015/086473)
[30] US (61/913 637) 2013-12-09

[21] **2,931,182**
[13] A1

[51] **Int.Cl. E21B 47/04 (2012.01) E21B 21/08 (2006.01) E21B 47/18 (2012.01)**
[25] EN
[54] **WELLBORE TUBULAR LENGTH DETERMINATION USING PULSE-ECHO MEASUREMENTS**
[54] **DETERMINATION DE LONGUEUR DE MATERIEL TUBULAIRE DE Puits DE FORAGE PAR MESURES D'ECHO D'IMPULSION**
[72] GAJJI, BHARGAV, IN
[72] PUROHIT, ANKIT, IN
[72] PANGU, GANESH SHRINIWAS, IN
[72] PUJERI, KESHAV PARASHURAM, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-19
[86] 2013-12-23 (PCT/US2013/077522)
[87] (WO2015/099663)

[21] **2,931,183**
[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/584 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CLUSTERS OF MICRON-AND NANO-SIZED PROPPANT FOR USE IN SUBTERRANEAN OPERATIONS**
[54] **AGGLOMERATS D'AGENTS DE SOUTENEMENT MICROMETRIQUES ET NANOMETRIQUES DESTINES A ETRE UTILISES DANS DES OPERATIONS SOUTERRAINES**
[72] DUSTERHOFT, RONALD G., US
[72] NGUYEN, PHILIP D., US
[72] VO, LOAN K., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-19
[86] 2014-01-22 (PCT/US2014/012503)
[87] (WO2015/112132)

[21] **2,931,184**
[13] A1

[51] **Int.Cl. G06F 19/22 (2011.01)**
[25] EN
[54] **A METHOD OF GENERATING A REFERENCE INDEX DATA STRUCTURE AND METHOD FOR FINDING A POSITION OF A DATA PATTERN IN A REFERENCE DATA STRUCTURE**
[54] **PROCEDE DE GENERATION D'UNE STRUCTURE DE DONNEES D'INDEX DE REFERENCE ET PROCEDE POUR TROUVER UNE POSITION D'UN MODELE DE DONNEES DANS UNE STRUCTURE DE DONNEES DE REFERENCE**
[72] KARTEN, JOHANNES, NL
[71] GENALICE B.V., NL
[85] 2016-05-19
[86] 2014-11-19 (PCT/NL2014/050792)
[87] (WO2015/076671)
[30] NL (2011817) 2013-11-19

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[21] **2,931,185**
[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTION OF A REVERSIBLY PHOTO-CONVERTIBLE FLUORESCENT SPECIES**
[54] **PROCEDE DE DETECTION D'UNE ESPECE FLUORESCENTE REVERSIBLEMENT PHOTOCONVERTIBLE**
[72] JULLIEN, LUDOVIC, FR
[72] LE SAUX, THOMAS, FR
[72] GAUTIER, ARNAUD, FR
[72] CROQUETTE, VINCENT, FR
[72] SARANG, NATH, IN
[72] WANG, PENCHENG, US
[72] QUERARD, JEROME, FR
[72] ALBRIGHT, SAMANTHA, US
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT CURIE, FR
[71] ECOLE NORMALE SUPERIEURE DE PARIS, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE, FR
[85] 2016-05-19
[86] 2014-11-21 (PCT/EP2014/075336)
[87] (WO2015/075209)
[30] FR (1361476) 2013-11-21

[21] **2,931,186**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/247 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RE-FRACTURING MULTIZONE HORIZONTAL WELLBORES**
[54] **SYSTEME ET PROCEDE PERMETTANT A DES PUIITS DE FORAGE HORIZONTALS DE TYPE MULTIZONE D'ETRE A NOUVEAU FRACTURES**
[72] BRANNON, HAROLD D., US
[72] LEMONS, JIMIE DEVON, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-05-19
[86] 2014-11-13 (PCT/US2014/065532)
[87] (WO2015/080872)
[30] US (14/091,677) 2013-11-27

[21] **2,931,187**
[13] A1

[51] **Int.Cl. C10G 65/12 (2006.01)**
[25] EN
[54] **HYDROCRACKING OF GAS OILS WITH INCREASED DISTILLATE YIELD**
[54] **HYDROCRACKAGE DES GAS-OILS A UN RENDEMENT DE PRODUITS DISTILLES ACCRU**
[72] VIJAY, ROHIT, US
[72] DANDEKAR, AJIT BHASKAR, US
[72] DAAGE, MICHEL, US
[72] OLIVERI, CHRISTOPHER G., US
[72] ELIA, CHRISTINE NICOLE, US
[72] LACY, DARRYL DONALD, US
[72] WEIGEL, SCOTT J., US
[72] FINGLAND, BRADLEY R., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2016-05-19
[86] 2014-11-14 (PCT/US2014/065620)
[87] (WO2015/084564)
[30] US (61/911,128) 2013-12-03

[21] **2,931,188**
[13] A1

[51] **Int.Cl. E01D 15/24 (2006.01) B63B 27/14 (2006.01) B63B 35/00 (2006.01) B63B 35/36 (2006.01) E01D 15/20 (2006.01)**
[25] EN
[54] **DEVICE TO TRANSFER PERSONNEL AND MATERIALS TO AND FROM A LAND SITE AND USE THEREOF**
[54] **DISPOSITIF DESTINE A TRANSFERER DU PERSONNEL ET DU MATERIEL VERS ET DEPUIS UN TERRAIN, ET SON UTILISATION**
[72] NES, ASBJORN, NO
[71] CRUISE VENTURES AS, NO
[85] 2016-05-19
[86] 2014-11-20 (PCT/NO2014/050216)
[87] (WO2015/093967)
[30] NO (20131559) 2013-11-20

[21] **2,931,189**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4155 (2006.01) A61K 31/4439 (2006.01) A61P 11/06 (2006.01) A61P 29/00 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **INHIBITORS OF BRUTON'S TYROSINE KINASE**
[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] LOPEZ-TAPIA, FRANCISCO JAVIER, US
[72] KONG, NORMAN, CN
[72] SO, SUNG-SAU, US
[72] LOU, YAN, US
[72] DOMINIQUE, ROMYR, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2016-05-19
[86] 2014-12-10 (PCT/EP2014/077124)
[87] (WO2015/086642)
[30] US (61/915,582) 2013-12-13

[21] **2,931,190**
[13] A1

[51] **Int.Cl. C12Q 1/22 (2006.01) A61L 2/28 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **COMBINED STERILIZATION INDICATOR INCUBATOR AND READER SYSTEM**
[54] **SYSTEME COMBINE INDICATEUR DE STERILISATION, INCUBATEUR ET LECTEUR**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[72] VODKIN, PAUL, US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2016-05-19
[86] 2014-09-10 (PCT/US2014/054922)
[87] (WO2015/080777)
[30] US (14/090,116) 2013-11-26

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[21] **2,931,191**
[13] A1

[51] **Int.Cl. F04B 51/00 (2006.01)**
[25] EN
[54] **TEST AND MONITORING SYSTEM FOR A DUAL SUMP PUMP INSTALLATION**
[54] **SYSTEME DE TEST ET DE SURVEILLANCE POUR UNE INSTALLATION DE DOUBLE POMPE DE VIDANGE**
[72] CUMMINGS, EUGENE M., US
[71] BEACON TECHNICAL SYSTEMS, LLC, US
[85] 2016-05-19
[86] 2014-11-17 (PCT/US2014/065866)
[87] (WO2015/080885)
[30] US (61/908,881) 2013-11-26
[30] US (14/491,106) 2014-09-19

[21] **2,931,192**
[13] A1

[51] **Int.Cl. E21B 37/06 (2006.01)**
[25] EN
[54] **ANTI-AGGLOMERANTS FOR CONTROLLING GAS HYDRATES**
[54] **ANTI-AGGLOMERANTS POUR LA REGULATION D'HYDRATES DE GAZ**
[72] WEBBER, PETER A., US
[72] NAGAPPAYYA, SAHANA, US
[71] ECOLAB USA INC., US
[85] 2016-05-19
[86] 2014-10-08 (PCT/US2014/059730)
[87] (WO2015/080803)
[30] US (14/090,621) 2013-11-26

[21] **2,931,193**
[13] A1

[51] **Int.Cl. D21H 17/37 (2006.01) D21H 17/41 (2006.01) D21H 21/10 (2006.01) D21H 21/18 (2006.01) D21H 21/20 (2006.01) D21H 23/04 (2006.01) D21H 23/22 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING PAPER STRENGTH**
[54] **PROCEDE POUR AUGMENTER LA RESISTANCE DU PAPIER**
[72] LU, CHEN, US
[72] ROSENCRANCE, SCOTT, US
[72] NGUYEN, DANNY, US
[71] KEMIRA OYJ, FI
[85] 2016-05-19
[86] 2014-11-24 (PCT/FI2014/050896)
[87] (WO2015/075318)
[30] US (14/087,038) 2013-11-22

[21] **2,931,194**
[13] A1

[51] **Int.Cl. F04D 15/00 (2006.01) F04D 13/08 (2006.01) G01F 1/00 (2006.01)**
[25] EN
[54] **TEST AND MONITORING SYSTEM FOR A SUMP PUMP INSTALLATION HAVING A SELF-MONITORING VALVE MODULE FOR ADMITTING WATER TO THE SUMP PIT**
[54] **SYSTEME DE TEST ET DE CONTROLE POUR INSTALLATION DE POMPE DE PUISARD POSSEDANT UN MODULE DE CLAPET A CONTROLE AUTOMATIQUE POUR ADMISSION D'EAU DANS LE PUISARD**
[72] CUMMINGS, EUGENE M., US
[71] BEACON TECHNICAL SYSTEMS, LLC, US
[85] 2016-05-19
[86] 2014-11-17 (PCT/US2014/065867)
[87] (WO2015/080886)
[30] US (61/908,881) 2013-11-26
[30] US (14/491,207) 2014-09-19

[21] **2,931,195**
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/14 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR FILLING IV BAGS WITH THERAPEUTIC FLUID**
[54] **PROCEDES ET SYSTEME POUR REMPLIR DES SACS POUR PERFUSION INTRAVEINEUSE D'UN FLUIDE THERAPEUTIQUE**
[72] WOODBURY, JASON, US
[72] HACHEY, JAY, US
[72] MCCALL, THOMAS, US
[71] ICU MEDICAL, INC., US
[85] 2016-05-19
[86] 2014-11-17 (PCT/US2014/065972)
[87] (WO2015/077184)
[30] US (61/908,674) 2013-11-25

[21] **2,931,196**
[13] A1

[51] **Int.Cl. H01R 13/00 (2006.01) H01R 13/62 (2006.01) H01R 13/627 (2006.01) H01R 13/639 (2006.01)**
[25] EN
[54] **SELF-REJECTING AUTOMOTIVE HARNESS CONNECTOR**
[54] **CONNECTEUR DE FAISCEAU AUTOMOBILE A AUTO-REJECTION**
[72] KENNEDY, ADAM, US
[72] OKUDA, KATSUMASA, US
[72] LETOURNEAU, GUY, US
[72] DAMODHARAN, KASTHURI SANKAR, US
[71] JAE OREGON, INC., US
[85] 2016-05-19
[86] 2014-10-09 (PCT/US2014/059810)
[87] (WO2015/088636)
[30] US (61/914,829) 2013-12-11
[30] US (14/335,261) 2014-07-18
[30] US (62/034,703) 2014-08-07
[30] US (14/490,479) 2014-09-18

[21] **2,931,197**
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **ELECTRONIC PROCESS VALIDATION**
[54] **VALIDATION DE PROCESSUS ELECTRONIQUE**
[72] MCELROY, MARK R., US
[72] SCHUSTER, MARY H., US
[72] HOLLIS, JAMES L., US
[71] GUARDIAN CONSUMER SERVICES, INC., US
[85] 2016-05-19
[86] 2014-11-19 (PCT/US2014/066260)
[87] (WO2015/077266)
[30] US (14/085,698) 2013-11-20

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[21] **2,931,198**
[13] A1

[51] **Int.Cl. C03C 1/00 (2006.01) C03B 1/00 (2006.01) C03B 9/00 (2006.01) C03C 3/087 (2006.01) C03C 4/02 (2006.01)**

[25] EN

[54] **SODA-LIME GLASS FROM 100% RECYCLED GLASS-FORMING MATERIALS**

[54] **VERRE SODOCALCIQUE FABRIQUE A PARTIR DE MATERIAUX DE FORMATION DE VERRE 100% RECYCLES**

[72] BROUWER, ROBERT, NL

[71] OWENS-BROCKWAY GLASS CONTAINER INC., US

[85] 2016-05-19

[86] 2014-10-20 (PCT/US2014/061345)

[87] (WO2015/076959)

[30] US (14/089,066) 2013-11-25

[21] **2,931,199**
[13] A1

[51] **Int.Cl. H04W 4/10 (2009.01) H04W 64/00 (2009.01) H04W 74/00 (2009.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR MANAGING MASS REGISTRATION SCENARIO IN TWO-WAY RADIO SYSTEM**

[54] **PROCEDE ET SYSTEME POUR GERER UN SCENARIO D'ENREGISTREMENT EN MASSE DANS UN SYSTEME RADIO BIDIRECTIONNEL**

[72] ROUSSEV, ALEXANDER D., US

[72] BOHN, THOMAS B., US

[71] MOTOROLA SOLUTIONS, INC., US

[85] 2016-05-19

[86] 2014-11-19 (PCT/US2014/066326)

[87] (WO2015/080914)

[30] US (14/090,341) 2013-11-26

[21] **2,931,200**
[13] A1

[51] **Int.Cl. E03C 1/05 (2006.01)**

[25] EN

[54] **SINK MOUNTED PRODUCT DISPENSING HAND WASHING FAUCET**

[54] **ROBINET LAVABO-MAIN MONTE SUR LAVABO ET DISTRIBUANT UN PRODUIT**

[72] DOBIZL, KENNETH THOMAS, US

[72] GILBERTSON, SARAH ELISE, US

[71] ECOLAB USA INC., US

[85] 2016-05-19

[86] 2014-10-23 (PCT/US2014/061920)

[87] (WO2015/080818)

[30] US (14/091,768) 2013-11-27

[21] **2,931,201**
[13] A1

[51] **Int.Cl. C12Q 1/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SPERM SORTING**

[54] **SYSTEME ET PROCEDE DE TRI DE SPERMATOZOIDES**

[72] DEMIRCI, UTKAN, US

[72] ASGHAR, WASEEM, US

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

[85] 2016-05-19

[86] 2014-11-19 (PCT/US2014/066405)

[87] (WO2015/077333)

[30] US (61/906,740) 2013-11-20

[21] **2,931,202**
[13] A1

[51] **Int.Cl. G01V 1/52 (2006.01)**

[25] EN

[54] **ACOUSTIC ISOLATOR FOR A DOWNHOLE TOOL**

[54] **ISOLANT ACOUSTIQUE POUR OUTIL DE FOND DE TROU**

[72] RATCLIFFE, JAMES DAVID, GB

[72] GILL, TIMOTHY, GB

[71] GE OIL & GAS LOGGING SERVICES, INC., US

[85] 2016-05-19

[86] 2014-10-30 (PCT/US2014/063154)

[87] (WO2015/080829)

[30] US (14/092,170) 2013-11-27

[21] **2,931,204**
[13] A1

[51] **Int.Cl. A61N 7/02 (2006.01)**

[25] EN

[54] **METHOD OF TREATING SKIN CANCER USING LOW INTENSITY ULTRASOUND**

[54] **PROCEDE DE TRAITEMENT DU CANCER DE LA PEAU A L'AIDE D'ULTRASON DE FAIBLE INTENSITE**

[72] BOER, MIRIAM SARA, US

[71] SONIFY BIOSCIENCES, LLC, US

[85] 2016-05-19

[86] 2014-10-31 (PCT/US2014/063279)

[87] (WO2015/077005)

[30] US (61/907,763) 2013-11-22

[30] US (61/989,836) 2014-05-07

[21] **2,931,205**
[13] A1

[51] **Int.Cl. A61N 7/02 (2006.01)**

[25] EN

[54] **SKIN CANCER TREATMENT USING LOW INTENSITY ULTRASOUND**

[54] **TRAITEMENT D'UN CANCER DE LA PEAU UTILISANT DES ULTRASON DE FAIBLE INTENSITE**

[72] BOER, MIRIAM SARA, US

[72] ROGERS, DANIEL JORDAN, US

[71] SONIFY BIOSCIENCES, LLC, US

[85] 2016-05-19

[86] 2014-10-31 (PCT/US2014/063282)

[87] (WO2015/077006)

[30] US (61/907,748) 2013-11-22

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[21] **2,931,206**
[13] A1

[51] **Int.Cl. C04B 41/50 (2006.01) B22C 1/00 (2006.01) B22C 3/00 (2006.01) B22C 7/02 (2006.01) B22C 9/02 (2006.01)**

[25] EN

[54] **SILICON CARBIDE-CONTAINING MOLD AND FACECOAT COMPOSITIONS AND METHODS FOR CASTING TITANIUM AND TITANIUM ALUMINIDE ALLOYS**

[54] **COMPOSITIONS DE MOULE ET DE REVETEMENT CONTENANT DU CARBURE DE SILICIUM ET PROCEDES DE MOULAGE PAR COULEE D'ALLIAGES DE TITANE ET D'ALUMINURE DE TITANE**

[72] BEWLAY, BERNARD PATRICK, US

[72] MCKIEVER, JOAN, US

[72] ELLIS, BRIAN MICHAEL, US

[72] MCLASKY, NICHOLAS VINCENT, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2016-05-19

[86] 2014-11-07 (PCT/US2014/064554)

[87] (WO2015/112232)

[30] US (14/090,773) 2013-11-26

[21] **2,931,207**
[13] A1

[51] **Int.Cl. F04B 51/00 (2006.01)**

[25] EN

[54] **SUMP PUMP TEST AND MONITORING SYSTEM**

[54] **SYSTEME D'ESSAI ET DE CONTROLE DE POMPE DE RELEVAGE**

[72] CUMMINGS, EUGENE M., US

[71] BEACON TECHNICAL SYSTEMS, LLC, US

[85] 2016-05-19

[86] 2014-11-13 (PCT/US2014/065347)

[87] (WO2015/080866)

[30] US (61/908,881) 2013-11-26

[30] US (14/281,525) 2014-05-19

[21] **2,931,212**
[13] A1

[51] **Int.Cl. B28C 7/02 (2006.01) B28C 7/04 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR IMPROVING MIXING OF CEMENT SLURRY**

[54] **PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LE MELANGE DE COULIS DE CIMENT**

[72] BROWN, PAUL ALAN, US

[72] PADGETT, PAUL ORMAN, US

[72] SNEED, CRAIG ALLEN, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-05-16

[86] 2013-12-20 (PCT/US2013/076821)

[87] (WO2015/094323)

[21] **2,931,214**
[13] A1

[51] **Int.Cl. H01Q 15/16 (2006.01) H01Q 1/28 (2006.01) H01Q 15/20 (2006.01)**

[25] FR

[54] **SEGMENTED STRUCTURE, PARTICULARLY FOR SATELLITE ANTENNA REFLECTOR, PROVIDED WITH AT LEAST ONE STRIP-COMPRISING UNFURLING DEVICE**

[54] **STRUCTURE SEGMENTEE, EN PARTICULIER POUR REFLECTEUR D'ANTENNE DE SATELLITE, POURVUE D'AU MOINS UN DISPOSITIF DE DEPLOIEMENT A RUBAN**

[72] MAYEUX, CHRISTOPHE, FR

[71] AIRBUS DEFENCE AND SPACE SAS, FR

[85] 2016-05-19

[86] 2014-12-10 (PCT/FR2014/000267)

[87] (WO2015/092160)

[30] FR (13/02971) 2013-12-17

[21] **2,931,215**
[13] A1

[51] **Int.Cl. A47J 31/52 (2006.01) G07F 9/02 (2006.01)**

[25] EN

[54] **SIMPLE ERGONOMIC USER-INTERFACE FOR A BEVERAGE MACHINE**

[54] **INTERFACE UTILISATEUR ERGONOMIQUE SIMPLE POUR UNE MACHINE DE BOISSON**

[72] CAHEN, ANTOINE, CH

[72] CACACE, PIETRO, CH

[71] NESTEC S.A., CH

[85] 2016-05-19

[86] 2014-12-12 (PCT/EP2014/077494)

[87] (WO2015/096998)

[30] EP (13199284.4) 2013-12-23

[21] **2,931,216**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/62 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR SPECTRAL UNMIXING OF MICROSCOPIC IMAGES USING PIXEL GROUPING**

[54] **SYSTEMES ET PROCEDES DE DEMIXAGE SPECTRAL D'IMAGES MICROSCOPIQUES A L'AIDE D'UN REGROUPEMENT DE PIXELS**

[72] CHUKKA, SRINIVAS, US

[72] YUAN, QUAN, US

[71] VENTANA MEDICAL SYSTEMS, INC., US

[85] 2016-05-19

[86] 2014-12-18 (PCT/EP2014/078392)

[87] (WO2015/101507)

[30] US (61/922,357) 2013-12-31

Demandes PCT entrant en phase nationale

[21] **2,931,218**
[13] A1

[51] **Int.Cl. H01Q 15/16 (2006.01) H01Q 1/28 (2006.01)**
[25] EN
[54] **SEGMENTED STRUCTURE, IN PARTICULAR FOR A SATELLITE ANTENNA REFLECTOR, PROVIDED WITH AT LEAST ONE DEPLOYMENT DEVICE WITH A PARALLELOGRAM**
[54] **STRUCTURE SEGMENTEE, EN PARTICULIER POUR REFLECTEUR D'ANTENNE DE SATELLITE, POURVUE D'AU MOINS UN DISPOSITIF DE DEPLOIEMENT A PARALLELOGRAMME**
[72] MAYEUX, CHRISTOPHE, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2016-05-19
[86] 2014-12-10 (PCT/FR2014/000266)
[87] (WO2015/092159)
[30] FR (13/02970) 2013-12-17

[21] **2,931,219**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 25/04 (2006.01) A61P 25/06 (2006.01) C07D 401/06 (2006.01)**
[25] EN
[54] **PIPERIDINE COMPOUNDS HAVING MULTIMODAL ACTIVITY AGAINST PAIN**
[54] **COMPOSES PIPERIDINE A ACTIVITE MULTIMODALE CONTRE LA DOULEUR**
[72] CUEVAS CORDOBES, FELIX, ES
[72] ALMANSA-ROSALES, CARMEN, ES
[72] AYET GARCERA, EVA MARIA, ES
[72] SERAFINI CABANES, MARIA TERESA, ES
[72] GARCIA LOPEZ, MONICA, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2016-05-19
[86] 2014-12-19 (PCT/EP2014/078811)
[87] (WO2015/091988)
[30] EP (13384005.8) 2013-12-20

[21] **2,931,220**
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING AMYLOID DEPOSITS**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE DEPOTS DE SUBSTANCE AMYLOIDE**
[72] DAVIDSON, BEVERLY L., US
[72] HYMAN, BRADLEY T., US
[72] HUDRY, ELOISE, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066658)
[87] (WO2015/077473)
[30] US (61/906,811) 2013-11-20

[21] **2,931,222**
[13] A1

[51] **Int.Cl. A23D 9/04 (2006.01) A23D 9/06 (2006.01) A61K 31/20 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING FERRIC SACCHARATE AND HIGH CONCENTRATIONS OF MICROENCAPSULATED LC-PUFA WITH A REDUCED OFF TASTE**
[54] **COMPOSITION COMPRENANT DU SACCHARATE FERRIQUE ET DES CONCENTRATIONS ELEVEES D'AGPI-LC MICROENCAPSULES PRESENTANT UN ARRIERE-GOUT REDUIT**
[72] SOUSSAN, ELODIE, CH
[72] BERROCAL, RAFAEL, CH
[72] BEDARD, MATTHIEU, CH
[72] BRAUN, MARCEL, CH
[71] NESTEC S.A., CH
[85] 2016-05-19
[86] 2014-12-19 (PCT/EP2014/078909)
[87] (WO2015/097113)
[30] EP (13199681.1) 2013-12-27

[21] **2,931,224**
[13] A1

[51] **Int.Cl. A61L 27/16 (2006.01) A61F 2/08 (2006.01) A61L 27/18 (2006.01) C08L 25/04 (2006.01) C08L 67/04 (2006.01)**
[25] FR
[54] **RESORBABLE BIOMIMETIC PROSTHETIC LIGAMENT**
[54] **LIGAMENT PROTHETIQUE BIOMIMETIQUE RESORBABLE**
[72] BRULEZ, BERNARD, FR
[72] MIGONNEY, VERONIQUE, FR
[72] GUILARD, ROGER, FR
[71] L.A.R.S. - LABORATOIRE D'APPLICATION ET DE RECHERCHE SCIENTIFIQUE, FR
[85] 2016-05-19
[86] 2014-11-21 (PCT/FR2014/052992)
[87] (WO2015/075397)
[30] FR (1361522) 2013-11-22

[21] **2,931,225**
[13] A1

[51] **Int.Cl. E01H 5/09 (2006.01) E01H 5/04 (2006.01)**
[25] EN
[54] **A SNOW REMOVAL DEVICE**
[54] **DISPOSITIF D'ENLEVEMENT DE NEIGE**
[72] ARNTZ, HENDRIKUS PETRUS MARIA, NL
[72] ARNTZ, THEODORUS PETRUS MARIA, NL
[71] TECHNISCHE UNIVERSITEIT EINDHOVEN, NL
[85] 2016-05-19
[86] 2015-08-21 (PCT/EP2015/069237)
[87] (WO2016/037831)
[30] US (62/047,952) 2014-09-09
[30] US (62/114,144) 2015-02-10

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[21] **2,931,226**
[13] A1

[51] **Int.Cl. H04N 19/625 (2014.01) H04N 19/60 (2014.01)**
[25] EN
[54] **IMPLEMENTATION DESIGN FOR HYBRID TRANSFORM CODING SCHEME**
[54] **CONCEPTION DE MISE EN ŒUVRE POUR SCHEMA DE CODAGE PAR TRANSFORMEE HYBRIDE**
[72] HAN, JINGNING, US
[72] XU, YAOWU, US
[72] MUKHERJEE, DEBARGHA, US
[71] GOOGLE INC., US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066662)
[87] (WO2015/077476)
[30] US (14/087,568) 2013-11-22

[21] **2,931,228**
[13] A1

[51] **Int.Cl. B01D 24/24 (2006.01) C02F 3/06 (2006.01)**
[25] EN
[54] **BIOFILTRATION WITH ENHANCED SLUDGE HANDLING**
[54] **BIOFILTRATION AVEC MANIPULATION AMELIOREE DE BOUES**
[72] MALONE, RONALD F., US
[71] MALONE, RONALD F., US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066647)
[87] (WO2015/077467)
[30] US (61/907,142) 2013-11-21
[30] US (14/087,912) 2013-11-22

[21] **2,931,230**
[13] A1

[51] **Int.Cl. H04L 29/12 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **MANAGE ENCRYPTED NETWORK TRAFFIC USING SPOOFED ADDRESSES**
[54] **GESTION DE TRAFIC DE RESEAU CHIFFRE A L'AIDE D'ADRESSES MYSTIFIEES**
[72] MARTINI, PAUL MICHAEL, US
[71] IBOSS, INC., US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066688)
[87] (WO2015/077492)
[30] US (14/085,661) 2013-11-20

[21] **2,931,231**
[13] A1

[51] **Int.Cl. B64D 29/00 (2006.01)**
[25] FR
[54] **DRAINED FLUID EVACUATION STUB FOR A PROPULSION ASSEMBLY**
[54] **MAT D'EVACUATION DE FLUIDES DRAINES POUR UN ENSEMBLE PROPULSIF**
[72] LEON, ALEXANDRE, FR
[72] PAVILLET, JULIEN, FR
[72] SAYN-URPAR, JULIEN, FR
[71] SNECMA, FR
[85] 2016-05-19
[86] 2014-11-25 (PCT/FR2014/053030)
[87] (WO2015/082800)
[30] FR (1362077) 2013-12-04

[21] **2,931,232**
[13] A1

[51] **Int.Cl. E21B 7/02 (2006.01) E21B 7/10 (2006.01) E21B 7/18 (2006.01)**
[25] EN
[54] **DRILL BITS HAVING FLUSHING AND SYSTEMS FOR USING SAME**
[54] **TREPANS A BALAYAGE ET LEURS SYSTEMES D'UTILISATION**
[72] PEARCE, CODY A., US
[72] RUPP, MICHAEL D., US
[72] LAMBERT, CHRISTIAN M., US
[71] LONGYEAR TM, INC., US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066690)
[87] (WO2015/077494)
[30] US (14/085,242) 2013-11-20

[21] **2,931,233**
[13] A1

[51] **Int.Cl. C12P 7/64 (2006.01)**
[25] FR
[54] **METHOD FOR ENRICHING THE BIOMASS OF THRAUSTOCHYTRIUM GENUS MICROALGAE WITH DHA**
[54] **PROCEDE D'ENRICHISSEMENT EN DHA DE LA BIOMASSE DE MICROALGUES DU GENRE THRAUSTOCHYTRIUM**
[72] CAULIER, BERNARD, FR
[71] ROQUETTE FRERES, FR
[85] 2016-05-19
[86] 2014-12-18 (PCT/FR2014/053430)
[87] (WO2015/092301)
[30] FR (13 62962) 2013-12-19

[21] **2,931,234**
[13] A1

[51] **Int.Cl. B32B 17/10 (2006.01) E06B 3/67 (2006.01) F21V 33/00 (2006.01)**
[25] FR
[54] **LUMINOUS GLASS PANEL COMPRISING AN OPTICAL INSULATOR, AND PRODUCTION THEREOF**
[54] **VITRAGE LUMINEUX AVEC ISOLATEUR OPTIQUE ET SA FABRICATION**
[72] BERARD, MATTHIEU, FR
[72] DUBOST, BRICE, FR
[72] MORLENS, STEPHANIE, FR
[72] RONDET, MAURICETTE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-05-19
[86] 2014-12-23 (PCT/FR2014/053529)
[87] (WO2015/101745)
[30] FR (1363762) 2013-12-31

[21] **2,931,235**
[13] A1

[51] **Int.Cl. A01K 15/00 (2006.01)**
[25] EN
[54] **PEST-MANAGEMENT APPARATUSES WITH SEPARATOR TO DIRECT RODENT MOVEMENT AND/OR IMPROVE RODENT CONTACT WITH ADHESIVE**
[54] **APPAREILS DE GESTION DES NUISIBLES AVEC SEPARATEUR POUR ORIENTER LE DEPLACEMENT DES RONGEURS ET/OU AMELIORER LE CONTACT DES RONGEURS AVEC DE LA COLLE**
[72] VICKERY, ETHAN, US
[72] COVINGTON, LARRY, US
[72] SNELL, ERIC, US
[71] VM PRODUCTS, INC., US
[71] VICKERY, ETHAN, US
[71] COVINGTON, LARRY, US
[85] 2016-05-19
[86] 2014-11-21 (PCT/US2014/066824)
[87] (WO2015/077567)
[30] US (61/907,699) 2013-11-22

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[21] **2,931,236**
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01) C08G 65/336 (2006.01) C08K 9/06 (2006.01) C08K 9/08 (2006.01)**

[25] EN

[54] **STABLE PRIMER FORMULATIONS AND COATINGS WITH NANO DISPERSION OF MODIFIED METAL OXIDES**

[54] **FORMULATIONS DE PRIMAIRES STABLES ET REVETEMENTS AVEC NANODISPERSION D'OXYDES METALLIQUES MODIFIES**

[72] MURUGESAN, KARTHIKEYAN, IN

[72] RAMAKRISHNAN, INDUMATHI, IN

[72] HAYES, ROBERT F., US

[72] WELLER, KEITH J., US

[71] MOMENTIVE PERFORMANCE MATERIALS INC., US

[85] 2016-05-19

[86] 2014-12-09 (PCT/US2014/069306)

[87] (WO2015/089045)

[30] US (14/102,880) 2013-12-11

[21] **2,931,240**
[13] A1

[51] **Int.Cl. A61C 5/02 (2006.01)**

[25] EN

[54] **ENDODONTIC INSTRUMENTS FORMED FROM OR COATED WITH A POROUS MATERIAL**

[54] **INSTRUMENTS D'ENDODONTIE CONSTITUES OU REVETUS D'UN MATERIAU POREUX**

[72] SHOTTON, VINCENT, US

[72] DAMIEN, CHRISTOPHER, US

[72] AMMON, DAN, US

[71] DENTSPLY INTERNATIONAL INC., US

[85] 2016-05-19

[86] 2014-11-21 (PCT/US2014/066780)

[87] (WO2015/108621)

[21] **2,931,241**
[13] A1

[51] **Int.Cl. C10G 65/10 (2006.01)**

[25] EN

[54] **PROCESSING VACUUM RESIDUUM AND VACUUM GAS OIL IN EBULLATED BED REACTOR SYSTEMS**

[54] **TRAITEMENT DE RESIDU SOUS VIDE ET DE GASOIL SOUS VIDE DANS DES SYSTEMES DE REACTEUR A LIT EN EBULLITION**

[72] ARORA, ARUN, US

[72] GREENE, MARVIN I., US

[71] LUMMUS TECHNOLOGY INC., US

[85] 2016-05-19

[86] 2015-02-03 (PCT/US2015/014235)

[87] (WO2015/123052)

[30] US (14/179,083) 2014-02-12

[21] **2,931,243**
[13] A1

[51] **Int.Cl. B31D 5/00 (2006.01) B29C 65/30 (2006.01) B65D 85/30 (2006.01)**

[25] EN

[54] **AIR CUSHION INFLATION MACHINE**

[54] **MACHINE DE GONFLAGE DE COUSSINS D'AIR**

[72] CORBIN, DOUGLAS C., US

[72] SHOOK, DONALD P., US

[72] FERRANTE, ROBERT L., US

[72] RICCARDI, MICHAEL J., US

[72] WEHRMANN, RICK STEVEN, US

[71] AUTOMATED PACKAGING SYSTEMS, INC., US

[85] 2016-05-19

[86] 2014-11-21 (PCT/US2014/066799)

[87] (WO2015/077551)

[30] US (61/907,347) 2013-11-21

[21] **2,931,244**
[13] A1

[51] **Int.Cl. B29C 45/77 (2006.01) B29C 45/14 (2006.01) B29C 45/78 (2006.01)**

[25] EN

[54] **METHODS OF FORMING OVERMOLDED ARTICLES**

[54] **PROCEDES DE FABRICATION D'ARTICLES SURMOULES**

[72] NEWMAN, MATTHEW LLOYD, US

[72] LAYMAN, JOHN MONCRIEF, US

[72] NELTNER, ANDREW ERIC, US

[72] WATSON, RANDALL ALAN, US

[72] ALTONEN, GENE MICHAEL, US

[71] IMFLUX INC., US

[85] 2016-05-19

[86] 2014-12-19 (PCT/US2014/071450)

[87] (WO2015/095680)

[30] US (61/918,438) 2013-12-19

[21] **2,931,246**
[13] A1

[51] **Int.Cl. F23R 3/34 (2006.01) F23R 3/38 (2006.01)**

[25] EN

[54] **FUEL NOZZLE WITH FLUID LOCK AND PURGE APPARATUS**

[54] **BUSE DE RAVITAILLEMENT A OBTURATEUR DE FLUIDE ET APPAREIL DE PURGE**

[72] BARNHART, DAVID RICHARD, US

[72] MOOK, JOSHUA TYLER, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2016-05-19

[86] 2014-11-21 (PCT/US2014/066966)

[87] (WO2015/122952)

[30] US (61/909,646) 2013-11-27

[21] **2,931,247**
[13] A1

[51] **Int.Cl. A61H 19/00 (2006.01)**

[25] EN

[54] **PERSONAL MASSAGER**

[54] **MASSEUR PERSONNEL**

[72] KANBAR, MAURICE, US

[72] KOLVITES, ALBERT, US

[71] MAURICE S. KANBAR REVOCABLE TRUST, US

[85] 2016-05-19

[86] 2014-11-21 (PCT/US2014/066971)

[87] (WO2015/077659)

[30] US (14/087,841) 2013-11-22

PCT Applications Entering the National Phase

[21] **2,931,249**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/407 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **PYRROLOPYRROLONE DERIVATIVES AND THEIR USE AS BET INHIBITORS**

[54] **DERIVES DE PYRROLOPYRROLONE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE PROTEINES BET**

[72] BLANK, JUTTA, CH
[72] BOLD, GUIDO, CH
[72] BORDAS, VINCENT, CH
[72] COTESTA, SIMONA, CH
[72] GUAGNANO, VITO, CH
[72] RUEGER, HEINRICH, CH
[72] VAUPEL, ANDREA, CH
[71] NOVARTIS AG, CH
[85] 2016-05-19
[86] 2014-11-20 (PCT/IB2014/066199)
[87] (WO2015/075665)
[30] EP (13193825.0) 2013-11-21

[21] **2,931,250**
[13] A1

[51] **Int.Cl. A01H 5/10 (2006.01)**

[25] EN

[54] **GENETIC LOCI ASSOCIATED WITH RESPONSE TO ABIOTIC STRESS**

[54] **LOCI GENETIQUES ASSOCIES A LA REPONSE AU STRESS ABIOTIQUE**

[72] JAQUETH, JENNIFER S., US
[72] LI, BAILIN, US
[72] LIU, ZHIZENG, CN
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2016-05-19
[86] 2014-11-25 (PCT/US2014/067335)
[87] (WO2015/081075)
[30] US (61/909,565) 2013-11-27
[30] US (61/950,345) 2014-03-10

[21] **2,931,251**
[13] A1

[51] **Int.Cl. B64C 1/06 (2006.01) B64C 1/12 (2006.01) B64D 11/00 (2006.01)**

[25] EN

[54] **INTERIOR TRIM PART AND SET OF PREFABRICATED PARTS FOR AN AIRCRAFT CELL**

[54] **ELEMENT D'HABILLAGE INTERIEUR ET ENSEMBLE PREFABRIQUE POUR CELLULE D'AVION**

[72] WEGER, MARTIN, AT
[72] BURGER, WOLFGANG, AT
[71] HELIKOPTER AIR TRANSPORT GMBH, AT
[85] 2016-05-20
[86] 2014-11-20 (PCT/AT2014/050278)
[87] (WO2015/074090)
[30] AT (A899/2013) 2013-11-20

[21] **2,931,252**
[13] A1

[51] **Int.Cl. G02B 5/28 (2006.01) B81B 3/00 (2006.01) B81B 7/02 (2006.01)**

[25] EN

[54] **WAVELENGTH TUNABLE MEMS-FABRY PEROT FILTER**

[54] **FILTRE DE FABRY-PEROT A MEMS ACCORDABLE EN LONGUEUR D'ONDE**

[72] KAMAL, MOHAMMAD, US
[72] LI, TONGNING, US
[72] EU, DAVID, US
[72] QI, QINIAN, US
[71] INPHENIX, INC., US
[85] 2016-05-19
[86] 2014-11-25 (PCT/US2014/067477)
[87] (WO2015/081130)
[30] US (61/909,277) 2013-11-26

[21] **2,931,253**
[13] A1

[51] **Int.Cl. C08L 27/06 (2006.01) B32B 27/30 (2006.01) C08K 5/10 (2006.01)**

[25] EN

[54] **VINYL CHLORIDE RESIN COMPOSITION, VINYL CHLORIDE RESIN MOLDED PRODUCT, AND LAMINATE**

[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE, ARTICLE MOULE DE RESINE DE CHLORURE DE VINYLE, ET STRATIFIE**

[72] FUJIWARA, TAKANORI, JP
[71] ZEON CORPORATION, JP
[85] 2016-05-19
[86] 2014-12-04 (PCT/JP2014/006072)
[87] (WO2015/087522)
[30] JP (2013-254649) 2013-12-10
[30] JP (2013-254650) 2013-12-10
[30] JP (2014-054711) 2014-03-18

[21] **2,931,254**
[13] A1

[51] **Int.Cl. F28D 9/00 (2006.01)**

[25] EN

[54] **HEAT EXCHANGER WITH COLLECTING CHANNEL FOR DISCHARGING A LIQUID PHASE**

[54] **ECHANGEUR DE CHALEUR MUNI D'UN CANAL COLLECTEUR POUR L'EXTRACTION D'UNE PHASE LIQUIDE**

[72] KAYSER, STEFAN, DE
[72] BRENNER, STEFFEN, DE
[71] LINDE AKTIENGESSELLSCHAFT, DE
[85] 2016-05-20
[86] 2014-12-02 (PCT/EP2014/003208)
[87] (WO2015/082061)
[30] EP (13005656.7) 2013-12-05

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[21] **2,931,255**
[13] A1

[51] **Int.Cl. A61K 31/353 (2006.01) A61K 31/05 (2006.01) A61K 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ACTIVITY ENHANCING CURCUMIN COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE CURCUMINE A ACTIVITE AMELIOREE ET METHODES D'UTILISATION**
[72] BANERJEE, PROBAL, US
[72] CASTELLANOS, MARIO R., US
[72] DEBATA, PRIYA RANJAN, IN
[72] SZERSZEN, ANITA, US
[72] FATA, JIMMIE E., US
[71] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
[85] 2016-05-19
[86] 2014-11-28 (PCT/US2014/067819)
[87] (WO2015/081319)
[30] US (61/909,579) 2013-11-27

[21] **2,931,257**
[13] A1

[51] **Int.Cl. G06Q 40/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FINANCIAL ASSET ANALYSIS**
[54] **SYSTEMES ET PROCEDES DESTINES A UNE ANALYSE D'ACTIFS FINANCIERS**
[72] WAKEMAN, LAWRENCE KENDRICK, US
[71] FINMASON, INC., US
[85] 2016-05-19
[86] 2014-12-02 (PCT/US2014/068171)
[87] (WO2015/084853)
[30] US (61/910,542) 2013-12-02

[21] **2,931,258**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/966 (2013.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE AND DELIVERY APPARATUS**
[54] **VALVULE CARDIAQUE PROTHETIQUE ET APPAREIL DE POSE**
[72] HOANG, LIEN-HUONG T., US
[72] SIEGEL, ALEXANDER J., US
[72] BAKIS, GEORGE, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2016-05-19
[86] 2014-12-05 (PCT/US2014/068872)
[87] (WO2015/085218)
[30] US (61/912,231) 2013-12-05
[30] US (14/561,102) 2014-12-04

[21] **2,931,259**
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **AXMI477, AXMI482, AXMI486 AND AXMI525 TOXIN GENES AND METHODS FOR THEIR USE**
[54] **GENES DE TOXINES AXMI477, AXMI482, AXMI486 ET AXMI525 ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] LEHTINEN, DUANE LANE, US
[72] SAMPSON, KIMBERLY S., US
[72] ROBERTS, KIRA, US
[72] DUNN, EHAN, US
[72] CHOUGULE, NANA, US
[71] ATHENIX CORP., US
[85] 2016-05-19
[86] 2014-12-08 (PCT/US2014/068989)
[87] (WO2015/088937)
[30] US (61/913,905) 2013-12-09
[30] US (61/913,911) 2013-12-09

[21] **2,931,261**
[13] A1

[51] **Int.Cl. A61M 25/092 (2006.01)**
[25] EN
[54] **STEERABLE MEDICAL DEVICES, SYSTEMS, AND METHODS OF USE**
[54] **DISPOSITIFS ET SYSTEMES MEDICAUX ORIENTABLES ET LEURS PROCEDES D'UTILISATION**
[72] SALAHIEH, AMR, US
[72] LEPAK, JONAH, US
[72] LEPAK, EMMA, US
[72] SAUL, TOM, US
[72] DUERI, JEAN-PIERRE, US
[72] DE LA MENARDIERE, BRICE ARNAULT, US
[72] BALDWIN, CLAYTON, US
[72] TRAUTMAN, JOSEPH CREAGAN, US
[72] CHENG, CHRISTOPHER T., US
[72] RENATI, RICHARD JOSEPH, US
[71] SHIFAMED HOLDINGS, LLC, US
[85] 2016-05-19
[86] 2014-12-08 (PCT/US2014/069113)
[87] (WO2015/085307)
[30] US (61/913,181) 2013-12-06

[21] **2,931,263**
[13] A1

[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 31/4412 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATING CANCER**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DU CANCER**
[72] KEILHACK, HEIKE, US
[72] KNUTSON, SARAH K., US
[72] KUNTZ, KEVIN W., US
[71] EPIZYME, INC., US
[85] 2016-05-19
[86] 2014-12-08 (PCT/US2014/069167)
[87] (WO2015/085325)
[30] US (61/913,063) 2013-12-06
[30] US (61/934,388) 2014-01-31
[30] US (61/992,881) 2014-05-13

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[21] **2,931,264**
[13] A1

[51] **Int.Cl. A01N 39/04 (2006.01)**
[25] EN
[54] **SYNERGISTIC HERBICIDAL WEED CONTROL AND IMPROVED CROP TOLERANCE FROM COMBINATIONS OF 2,4-D-CHOLINE AND GLUFOSINATE IN 2,4-D- AND GLUFOSINATE-TOLERANT SOYBEANS, CORN, COTTON**

[54] **DESHERBAGE HERBICIDE SYNERGIQUE ET TOLERANCE AMELIOREE DE COMBINAISONS DE 2,4-D-CHOLINE ET DE GLUFOSINATE DANS DES SOJAS, DU MAIS ET DU COTON TOLERANTS AU 2,4-D ET AU GLUFOSINATE**

[72] MANN, RICHARD K., US
[72] PETERSON, MARK, US
[72] WRIGHT, TERRY R., US
[72] MCMASTER, STEVE, US
[72] SORRIBAS AMELA, MONICA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-05-19
[86] 2014-12-09 (PCT/US2014/069229)
[87] (WO2015/089014)
[30] US (61/914,195) 2013-12-10
[30] US (61/914,177) 2013-12-10

[21] **2,931,265**
[13] A1

[51] **Int.Cl. A01N 43/08 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 43/78 (2006.01)**

[25] EN
[54] **NEW PESTICIDAL COMPOUNDS AND USES**

[54] **NOUVEAUX COMPOSES PESTICIDES ET LEURS UTILISATIONS**

[72] SCHWARZ, HANS-GEORG, DE
[72] DECOR, ANNE, DE
[72] GOERGENS, ULRICH, DE
[72] ILG, KERSTIN, DE
[72] FUSSLIN, MARTIN, DE
[72] PORTZ, DANIELA, DE
[72] WELZ, CLAUDIA, DE
[72] LUEMMEN, PETER, DE
[72] BOERNGEN, KIRSTEN, DE
[72] KOEHLER, ADELIN, DE
[72] KULKE, DANIEL, DE
[71] BAYER ANIMAL HEALTH GMBH, DE
[85] 2016-05-20
[86] 2014-11-24 (PCT/EP2014/075354)
[87] (WO2015/078800)
[30] EP (13194361.5) 2013-11-26

[21] **2,931,266**
[13] A1

[51] **Int.Cl. C10J 3/62 (2006.01) H02J 3/04 (2006.01)**

[25] EN
[54] **COMBINED ENERGY NETWORK RESEAU D'ENERGIE ELECTRIQUE COMBINE**

[72] RUDLINGER, MIKAEL, CH
[71] RV LIZENZ AG, CH
[85] 2016-05-20
[86] 2014-11-21 (PCT/EP2014/075330)
[87] (WO2015/075204)
[30] EP (13193803.7) 2013-11-21

[21] **2,931,267**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01)**

[25] EN
[54] **METHOD OF ENGINEERING CHEMOTHERAPY DRUG RESISTANT T-CELLS FOR IMMUNOTHERAPY**

[54] **PROCEDE DE MODIFICATION DE LYMPHOCYTES T RESISTANT AUX MEDICAMENTS DE CHIMIOOTHERAPIE POUR UNE IMMUNOTHERAPIE**

[72] VALTON, JULIEN, FR
[72] DUCHATEAU, PHILIPPE, FR
[72] SOURDIVE, DAVID, FR
[71] COLLECTIS, FR
[85] 2016-05-20
[86] 2014-11-21 (PCT/EP2014/075317)
[87] (WO2015/075195)
[30] US (61/907,874) 2013-11-22
[30] DK (PA201470362) 2014-06-17

[21] **2,931,268**
[13] A1

[51] **Int.Cl. G01B 11/00 (2006.01) B29C 47/00 (2006.01) G01B 15/00 (2006.01) G01B 17/00 (2006.01)**

[25] EN
[54] **MEASURING DEVICE AND METHOD FOR MEASURING TEST OBJECTS**

[54] **DISPOSITIF DE MESURE ET PROCEDE DE MESURAGE D'OBJETS A CONTROLER**

[72] STICH, DOMINIK, DE
[71] INOEX GMBH, DE
[85] 2016-05-20
[86] 2014-11-17 (PCT/DE2014/100405)
[87] (WO2015/074642)
[30] DE (10 2013 223 945.9) 2013-11-22

[21] **2,931,270**
[13] A1

[51] **Int.Cl. B04B 11/06 (2006.01) B04B 15/08 (2006.01)**

[25] EN
[54] **VALVE FOR DRAINING OFF GAS FROM A CENTRIFUGAL SEPARATOR**

[54] **SOUPAPE POUR EVACUER LE GAZ D'UN SEPARATEUR CENTRIFUGE**

[72] ISAKSSON, ROLAND, BR
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2016-05-20
[86] 2014-12-04 (PCT/EP2014/076615)
[87] (WO2015/086435)
[30] EP (13196651.7) 2013-12-11

[21] **2,931,271**
[13] A1

[51] **Int.Cl. A61H 39/04 (2006.01)**

[25] EN
[54] **ACUPRESSURE TOOL, ACUPRESSURE TOOL SET COMPRISING SAME, AND METHOD FOR ARRANGING SAME**

[54] **OUTIL D'ACUPRESSION, ENSEMBLE D'OUTILS D'ACUPRESSION LE COMPRENANT, ET PROCEDE D'AGENCEMENT ASSOCIE**

[72] SAKAKIBARA, MASAO, JP
[71] SAKAKIBARA, MASAO, JP
[85] 2016-05-19
[86] 2014-09-19 (PCT/JP2014/074966)
[87] (WO2015/076011)
[30] JP (2013-242172) 2013-11-22
[30] JP (2014-137222) 2014-07-02

[21] **2,931,273**
[13] A1

[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/34 (2006.01) A61Q 19/00 (2006.01)**

[25] EN
[54] **AQUEOUS SKIN CARE AGENT**

[54] **AGENT DE SOIN DE LA PEAU A BASE D'EAU**

[72] MATSUSHITA, TSUYOSHI, JP
[71] MTG CO., LTD., JP
[85] 2016-05-19
[86] 2014-11-17 (PCT/JP2014/080308)
[87] (WO2015/079942)
[30] JP (2013-247667) 2013-11-29

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[21] **2,931,274**
[13] A1

[51] **Int.Cl. A61B 5/0285 (2006.01) A61B 5/0402 (2006.01) A61B 5/0408 (2006.01) A61B 7/00 (2006.01)**

[25] EN

[54] **PORTABLE ELECTRONIC HEMODYNAMIC SENSOR SYSTEMS**

[54] **SYSTEMES DE CAPTEUR D'ETAT HEMODYNAMIQUE ELECTRONIQUE PORTATIFS**

[72] PAHLEVAN, NIEMA, US
[72] RINDERKNECHT, DEREK, US
[72] TAVALLALI, PEYMAN, US
[72] GHARIB, MORTEZA, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2016-05-19
[86] 2015-01-20 (PCT/US2015/012096)
[87] (WO2015/112512)
[30] US (61/929,880) 2014-01-21
[30] US (61/932,576) 2014-01-28
[30] US (61/992,044) 2014-05-12
[30] US (61/992,035) 2014-05-12

[21] **2,931,275**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01)**

[25] EN

[54] **INTRINSIC FREQUENCY BASED DETERMINATION OF INSULIN RESISTANCE**

[54] **DETERMINATION DE LA RESISTANCE A L'INSULINE BASEE SUR LA FREQUENCE INTRINSEQUE**

[72] PETRASEK, DANNY, US
[72] PAHLEVAN, NIEMA, US
[72] GHARIB, MORTEZA, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2016-05-19
[86] 2015-01-21 (PCT/US2015/012293)
[87] (WO2015/112630)
[30] US (61/930,389) 2014-01-22
[30] US (62/101,466) 2015-01-09

[21] **2,931,276**
[13] A1

[51] **Int.Cl. A61B 5/0476 (2006.01)**

[25] EN

[54] **BURST ANALYSIS**

[54] **ANALYSE DE BOUFFEES**

[72] BREAKSPEAR, MICHAEL, AU
[72] ROBERTS, JAMES, AU
[72] VANHATALO, SAMPASA, FI
[71] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU

[85] 2016-05-20
[86] 2014-11-20 (PCT/AU2014/050364)
[87] (WO2015/074116)
[30] AU (2013904486) 2013-11-20

[21] **2,931,277**
[13] A1

[51] **Int.Cl. H04R 1/02 (2006.01) F21V 33/00 (2006.01)**

[25] EN

[54] **SPEAKER ASSEMBLY AND INTEGRATED LIGHT**

[54] **ENSEMBLE HAUT-PARLEUR ET LUMIERE INTEGREE**

[72] BATTYANYI, LES, AU
[71] CAMEC PTY LTD, AU

[85] 2016-05-20
[86] 2014-11-24 (PCT/AU2014/050370)
[87] (WO2015/074122)
[30] AU (2013904518) 2013-11-22

[21] **2,931,278**
[13] A1

[51] **Int.Cl. C12N 5/079 (2010.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING TELEENCEPHALON OR PROGENITOR TISSUE THEREOF**

[54] **PROCEDE DE FABRICATION DE TELEENCEPHALE OU TISSU PROGENITEUR DE CELUI-CI**

[72] SAKAGUCHI, HIDEYA, JP
[72] KADOSHIMA, TAISUKE, JP
[72] SASAI, YOSHIKI (DECEASED), JP
[71] RIKEN, JP

[85] 2016-05-19
[86] 2014-11-21 (PCT/JP2014/080966)
[87] (WO2015/076388)
[30] JP (2013-242394) 2013-11-22

[21] **2,931,279**
[13] A1

[51] **Int.Cl. C07D 209/30 (2006.01) A61K 31/403 (2006.01) A61K 31/4045 (2006.01) A61K 31/4178 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/497 (2006.01) A61P 35/00 (2006.01) C07D 209/12 (2006.01) C07D 209/14 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01)**

[25] EN

[54] **FUNCTIONALISED AND SUBSTITUTED INDOLES AS ANTI-CANCER AGENTS**

[54] **INDOLES FONCTIONNALISES ET SUBSTITUES UTILISES EN TANT QU'AGENTS ANTI-CANCEREUX**

[72] JAMES, IAN, AU
[72] DIXON, IAN, AU
[72] FEUTRILL, JOHN, AU
[72] CUZZUPE, ANTHONY, AU
[72] TREUTLEIN, HERBERT, AU
[72] ZENG, JUN, AU
[72] NERO, TRACY, AU
[72] GUNNING, PETER, AU
[71] NOVOGEN LTD, AU

[85] 2016-05-20
[86] 2014-11-25 (PCT/AU2014/050372)
[87] (WO2015/074123)
[30] US (61/908,285) 2013-11-25
[30] US (62/035,671) 2014-08-11

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[21] **2,931,281**
[13] A1

[51] **Int.Cl. B21D 25/04 (2006.01) B21D 24/04 (2006.01)**
[25] EN
[54] **MANUFACTURING APPARATUS AND MANUFACTURING METHOD FOR STRETCH-FORMED PRODUCT**
[54] **APPAREIL ET PROCEDE DE FABRICATION POUR DES PRODUITS FORMES PAR ETIRAGE**
[72] NISHIMURA, RYUICHI, JP
[72] SAKAMOTO, YORIFUMI, JP
[72] YONEBAYASHI, TORU, JP
[72] MASUO, YOSHIHIKO, JP
[72] NAKAZAWA, YOSHIKI, JP
[72] HASHIMOTO, KOJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-05-19
[86] 2014-12-10 (PCT/JP2014/082664)
[87] (WO2015/098519)
[30] JP (2013-269853) 2013-12-26

[21] **2,931,282**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL OR DOWNHOLE TOOL MEMBER, DEGRADABLE RESIN COMPOSITION, AND METHOD FOR RECOVERING HYDROCARBON RESOURCE**
[54] **OUTIL DE FOND DE TROU OU ELEMENT D'OUTIL DE FOND DE TROU, COMPOSITION DE RESINE DEGRADABLE ET PROCEDE DE RECUPERATION DE RESSOURCES D'HYDROCARBURES**
[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[72] SAIJO, HIKARU, JP
[72] WATANABE, TAKAHIRO, JP
[72] SATO, HIROYUKI, JP
[71] KUREHA CORPORATION, JP
[85] 2016-05-19
[86] 2014-12-22 (PCT/JP2014/083843)
[87] (WO2015/098801)
[30] JP (2013-268783) 2013-12-26

[21] **2,931,283**
[13] A1

[51] **Int.Cl. E21B 21/06 (2006.01) C09K 8/02 (2006.01)**
[25] EN
[54] **MODIFIED HYDROCARBON RESINS AS FLUID LOSS ADDITIVES**
[54] **RESINES HYDROCARBONEES MODIFIEES EN TANT QUE REDUCTEURS DE FILTRAT**
[72] HURD, PHILLIP W., US
[72] RIFE, NATHAN P., US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2016-05-19
[86] 2014-11-18 (PCT/US2014/066103)
[87] (WO2015/077215)
[30] US (61/906,088) 2013-11-19

[21] **2,931,284**
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING A DISCOUNT**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'UN RABAIS**
[72] POWELL, JONATHAN ROBERT, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-05-19
[86] 2014-11-19 (PCT/US2014/066415)
[87] (WO2015/077340)
[30] US (61/906,582) 2013-11-20
[30] US (14/547,872) 2014-11-19

[21] **2,931,285**
[13] A1

[51] **Int.Cl. C08G 59/40 (2006.01) C09D 163/00 (2006.01) C09J 163/00 (2006.01)**
[25] EN
[54] **CURABLE COMPOSITIONS THAT INCLUDE HYDRAZIDE FUNCTIONAL MATERIALS**
[54] **COMPOSITIONS DURCISSABLES CONTENANT DES MATERIAUX FONCTIONNELS HYDRAZIDE**
[72] ZHOU, HONGYING, US
[72] CHAO, TIEN-CHIEH, US
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066514)
[87] (WO2015/077399)
[30] US (14/084,975) 2013-11-20

[21] **2,931,286**
[13] A1

[51] **Int.Cl. E21B 10/42 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **DRILL BITS HAVING BLIND-HOLE FLUSHING AND SYSTEMS FOR USING SAME**
[54] **TREPANS DE FORAGE AVEC RINCAGE DE TROU EN CUL-DE-SAC ET LEURS SYSTEMES D'UTILISATION**
[72] PEARCE, CODY A., US
[72] RUPP, MICHAEL D., US
[72] LAMBERT, CHRISTIAN M., US
[71] LONGYEAR TM, INC., US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066547)
[87] (WO2015/077413)
[30] US (14/085,218) 2013-11-20

[21] **2,931,287**
[13] A1

[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **DETERMING LENS ALIGNMENT ON AN EYE USING OPTICAL WAVEFRONT MEASUREMENTS**
[54] **DETERMINATION D'ALIGNEMENT DE LENTILLE SUR UN ŒIL AU MOYEN DE MESURES DE FRONT D'ONDE OPTIQUE**
[72] WILDSMITH, CHRISTOPHER, US
[72] WEI, XIN, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2016-05-19
[86] 2014-11-20 (PCT/US2014/066601)
[87] (WO2015/080938)
[30] US (14/090,690) 2013-11-26

Demandes PCT entrant en phase nationale

[21] **2,931,288**
[13] A1

[51] **Int.Cl. G07C 9/02 (2006.01) G07C 9/00 (2006.01)**
[25] FR
[54] **SYSTEM FOR MONITORING ACCESS TO A RESTRICTED AREA, COMPRISING A MODULE HOUSED BELOW OR ABOVE THE GATE**
[54] **SYSTEME DE CONTROLE D'ACCES A UNE ZONE RESERVEE AVEC MODULE LOGE SOUS LE PASSAGE OU AU-DESSUS DU PASSAGE**
[72] WARNITZ, PHILIPPE, FR
[72] BOURGELY, ROGER, FR
[71] THALES, FR
[85] 2016-05-19
[86] 2014-11-20 (PCT/EP2014/075184)
[87] (WO2015/075138)
[30] FR (13 02680) 2013-11-20

[21] **2,931,289**
[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/26 (2009.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01)**
[25] EN
[54] **MANAGED DOMAINS FOR REMOTE CONTENT AND CONFIGURATION CONTROL ON MOBILE INFORMATION DEVICES**
[54] **DOMAINES GERES, POUR UN CONTROLE DE CONTENU DISTANT ET DE CONFIGURATION SUR DES DISPOSITIFS D'INFORMATION MOBILES**
[72] MAIN, ALEXANDER JAMES, CA
[72] VANDERGEEST, RON, CA
[72] LITVA, PAUL, CA
[71] GRAPHITE SOFTWARE CORPORATION, CA
[85] 2016-05-20
[86] 2014-11-20 (PCT/CA2014/051109)
[87] (WO2015/074150)
[30] US (61/907,082) 2013-11-21

[21] **2,931,291**
[13] A1

[51] **Int.Cl. C07D 305/14 (2006.01) A61K 31/337 (2006.01) A61K 31/4427 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **TAXANES COMPOUNDS, PREPARATION METHOD THEREFOR, AND USES THEREOF**
[54] **COMPOSES DE TYPE TAXANES, LEUR PROCEDURE DE PREPARATION ET LEURS UTILISATION**
[72] ZHOU, WEI, CN
[72] JING, YUNRONG, CN
[72] WANG, YONGFENG, CN
[72] WANG, GUOCHENG, CN
[71] JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD., CN
[85] 2016-05-20
[86] 2014-11-21 (PCT/CN2014/091908)
[87] (WO2015/074605)
[30] CN (201310595107.0) 2013-11-22

[21] **2,931,292**
[13] A1

[51] **Int.Cl. F02D 41/30 (2006.01) F02M 43/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR A FLEXIBLE FUEL INTERNAL COMBUSTION ENGINE**
[54] **SYSTEME DE COMMANDE POUR UN MOTEUR A COMBUSTION INTERNE A CARBURANT MIXTE**
[72] BZYMEK, RAYMOND, US
[72] CHAMBERS, BRIAN M., US
[72] DUNN, MARK E., CA
[71] WESTPORT POWER INC., CA
[85] 2016-05-20
[86] 2014-11-06 (PCT/CA2014/051066)
[87] (WO2015/074143)
[30] US (61/908,032) 2013-11-22

[21] **2,931,293**
[13] A1

[51] **Int.Cl. A01N 43/653 (2006.01) A01N 43/40 (2006.01) A01N 43/84 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **AGRICULTURAL OR HORTICULTURAL CHEMICAL, METHOD OF CONTROLLING PLANT DISEASES, AND PRODUCT FOR CONTROLLING PLANT DISEASES**
[54] **SUBSTANCE CHIMIQUE AGRICOLE ET HORTICOLE, PROCEDURE DE LUTTE CONTRE LES MALADIES DES PLANTES ET PRODUIT DE LUTTE CONTRE LES MALADIES DES PLANTES**
[72] MIYAKE, TAIJI, JP
[72] ARAKI, NOBUYUKI, JP
[71] KUREHA CORPORATION, JP
[85] 2016-05-20
[86] 2014-10-08 (PCT/JP2014/076907)
[87] (WO2015/083438)
[30] JP (2013-252541) 2013-12-05

[21] **2,931,294**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A61K 35/76 (2015.01) A61K 39/00 (2006.01) A61K 39/002 (2006.01) A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61K 39/275 (2006.01) A61K 48/00 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01) A61P 33/02 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/04 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **MITOGEN-ACTIVATED PROTEIN KINASE-DEPENDENT RECOMBINANT VACCINIA VIRUS (MD-RVV) AND USE THEREOF**
[54] **VIRUS DE LA VACCINE DE RECOMBINAISON DEPENDANT DE LA PROTEINE KINASE ACTIVEE PAR MITOGENE (MD-RVV), ET SON UTILISATION**
[72] NAKAMURA, TAKAFUMI, JP
[71] NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY, JP
[71] THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, JP
[85] 2016-05-20
[86] 2014-11-20 (PCT/JP2014/081484)
[87] (WO2015/076422)
[30] JP (2013-241299) 2013-11-21

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[21] **2,931,295**
[13] A1

[51] **Int.Cl. A61F 13/26 (2006.01) A61L 15/62 (2006.01)**
[25] EN
[54] **FLUSHABLE TAMPON APPLICATOR**
[54] **APPLICATEUR DE TAMPON POUVANT ETRE JETE DANS LES TOILETTES**
[72] WANG, JAMES H., US
[72] WIDEMAN, GREGORY J., US
[72] MLEZIVA, MARK M., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2016-05-19
[86] 2014-09-29 (PCT/IB2014/064933)
[87] (WO2015/079337)
[30] US (14/092,050) 2013-11-27

[21] **2,931,296**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A61K 39/00 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01) C12P 21/08 (2006.01) C40B 40/08 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **ANTIGEN-BINDING MOLECULES, THE ANTIGEN-BINDING ACTIVITY OF WHICH VARIES ACCORDING TO THE CONCENTRATION OF COMPOUNDS, AND LIBRARIES OF SAID MOLECULES**
[54] **MOLECULES DE LIAISON A UN ANTIGENE, DONT L'ACTIVITE DE LIAISON A UN ANTIGENE VARIE EN FONCTION DE LA CONCENTRATION EN COMPOSES ET BIBLIOTHEQUES DESDITES MOLECULES**
[72] IGAWA, TOMOYUKI, JP
[72] TAMBA, SHIGERO, JP
[72] SHIMIZU, SHUN, JP
[72] TATSUMI, KANAKO, JP
[72] KADONO, SHOJIRO, JP
[72] KAWAUCHI, HIROKI, JP
[72] OHARA, KAZUHIRO, JP
[72] MATSUSHITA, MASAYUKI, JP
[72] EMURA, TAKASHI, JP
[72] KAMIMURA, MASAKI, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2016-05-20
[86] 2014-12-04 (PCT/JP2014/082060)
[87] (WO2015/083764)
[30] JP (2013-251537) 2013-12-04

[21] **2,931,297**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **TRIAGING OF PATIENTS HAVING ASYMPTOMATIC HEMATURIA USING GENOTYPIC AND PHENOTYPIC BIOMARKERS**
[54] **TRIAGE DES PATIENTS PRESENTANT UNE HEMATURIE ASYMPTOMATIQUE AU MOYEN DE BIOMARQUEURS GENOTYPIQUES ET PHENOTYPIQUES**
[72] DALPHIN, MARK, NZ
[72] DARLING, DAVID, NZ
[72] SUTTIE, JAMES MILLER, NZ
[72] KAVALIERIS, LAIMONIS, NZ
[72] O'SULLIVAN, PAUL, NZ
[72] KUMAR, SATISH, NZ
[71] PACIFIC EDGE LIMITED, NZ
[71] DALPHIN, MARK, NZ
[85] 2016-05-20
[86] 2014-11-20 (PCT/US2014/066678)
[87] (WO2015/077485)
[30] US (61/907,013) 2013-11-21

[21] **2,931,298**
[13] A1

[51] **Int.Cl. H01Q 15/16 (2006.01)**
[25] FR
[54] **SEGMENTED STRUCTURE, IN PARTICULAR, FOR A SATELLITE ANTENNA REFLECTOR**
[54] **STRUCTURE SEGMENTEE, EN PARTICULIER POUR REFLECTEUR D'ANTENNE DE SATELLITE**
[72] LEBORGNE, FLORIAN, FR
[72] BRINDEAU, AYMERIC, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2016-05-20
[86] 2014-11-26 (PCT/FR2014/000254)
[87] (WO2015/082778)
[30] FR (13/02853) 2013-12-06

[21] **2,931,299**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **APLNR MODULATORS AND USES THEREOF**
[54] **MODULATEURS D'APLNR ET LEURS UTILISATIONS**
[72] STEVIS, PANAYIOTIS, US
[72] GROMADA, JESPER, US
[72] MURPHY, ANDREW J., US
[72] RAY, YONATON, US
[72] KIM, JEE H., US
[72] LOBOV, IVAN B., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2016-05-20
[86] 2014-11-20 (PCT/US2014/066687)
[87] (WO2015/077491)
[30] US (61/906,568) 2013-11-20

[21] **2,931,300**
[13] A1

[51] **Int.Cl. B01D 53/00 (2006.01) B01D 53/04 (2006.01)**
[25] EN
[54] **A RTSA METHOD USING ADSORBENT STRUCTURE FOR CO2 CAPTURE FROM LOW PRESSURE AND LOW CONCENTRATION SOURCES**
[54] **PROCEDE RTSA FAISANT APPEL A UNE STRUCTURE ADSORBANTE POUR CAPTURER LE CO2 ISSU DE SOURCES A FAIBLE CONCENTRATION ET A BASSE PRESSION**
[72] CHEN, YUDONG, US
[72] MONEREAU, CHRISTIAN, FR
[72] SANDERS, EDGAR S., JR., US
[72] TESSIER, PASCAL, US
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2016-05-20
[86] 2014-11-20 (PCT/US2014/066721)
[87] (WO2016/003484)
[30] US (14/084,945) 2013-11-20

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[21] **2,931,301**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01) G06F 1/18 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PACKAGING HIGH DENSITY SSDS**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE PACKAGER DES SSD DE HAUTE DENSITE**

[72] HERMAN, PINCHAS, US
[72] RADKE, WILLIAM, US
[72] DANILAK, RADOSLAV, US
[71] SKYERA, LLC, US

[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066815)
[87] (WO2015/077563)
[30] US (14/086,032) 2013-11-21

[21] **2,931,303**
[13] A1

[51] **Int.Cl. C22C 21/16 (2006.01) B64C 1/00 (2006.01) C22F 1/057 (2006.01)**

[25] FR

[54] **ALUMINUM/COPPER/LITHIUM ALLOY MATERIAL FOR UNDERWING ELEMENT HAVING ENHANCED PROPERTIES**

[54] **PRODUIT EN ALLIAGE ALUMINIUM-CUIVRE-LITHIUM POUR ELEMENT D'INTRADOS A PROPRIETES AMELIOREES**

[72] BAYONA-CARRILLO, NICOLAS, FR
[71] CONSTELLIUM ISSOIRE, FR

[85] 2016-05-20
[86] 2014-12-02 (PCT/FR2014/000256)
[87] (WO2015/082779)
[30] FR (13/02833) 2013-12-05

[21] **2,931,305**
[13] A1

[51] **Int.Cl. A63B 69/02 (2006.01) A63B 71/06 (2006.01)**

[25] EN

[54] **CONTACT SENSING DEVICE AND SYSTEM**

[54] **DISPOSITIF ET SYSTEME DE DETECTION DE CONTACT**

[72] MOREHOUSE, TIM, US
[72] CHION, JIMMY, US
[72] DOERKSON, KYLE, US
[72] WILLIAMS, BRENNON, US

[71] MOREHOUSE USA CREATIVE, LLC, US

[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066775)
[87] (WO2015/077539)
[30] US (13/998,678) 2013-11-22

[21] **2,931,302**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61P 5/46 (2006.01)**

[25] EN

[54] **OCTAHYDRO FUSED AZADECALIN GLUCOCORTICOID RECEPTOR MODULATORS**

[54] **MODULATEURS DE RECEPTEURS DE GLUCOCORTICOIDE AZADECALINE FUSIONNEE OCTAHYDRO**

[72] HUNT, HAZEL, GB
[72] WALTERS, IAIN, GB
[72] GOURDET, BENOIT, GB
[71] CORCEPT THERAPEUTICS, INC., US

[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066759)
[87] (WO2015/077530)
[30] US (61/908,333) 2013-11-25
[30] US (61/985,035) 2014-04-28

[21] **2,931,304**
[13] A1

[51] **Int.Cl. H04N 21/431 (2011.01) H04N 21/442 (2011.01) H04N 21/472 (2011.01)**

[25] EN

[54] **VIDEO PRESENTATION QUALITY DISPLAY IN A WIRELESS COMMUNICATION DEVICE**

[54] **DISPOSITIF D'AFFICHAGE DE QUALITE DE PRESENTATION DE VIDEO DANS UN DISPOSITIF DE COMMUNICATION SANS FIL**

[72] SHIPLEY, TREVOR DANIEL, US
[72] BLINN, BENJAMIN P., US
[72] RINCKER, JASON W., US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US

[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066834)
[87] (WO2015/080970)
[30] US (14/092,406) 2013-11-27

[21] **2,931,306**
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) H04L 12/58 (2006.01)**

[25] EN

[54] **STATELESS MESSAGE ROUTING**

[54] **ROUTAGE DE MESSAGE SANS ETAT**

[72] HONKALA, JUHANI, FI
[72] TALJA, ARI, FI
[71] ROVIO ENTERTAINMENT LTD, FI

[85] 2016-05-20
[86] 2014-12-17 (PCT/FI2014/051015)
[87] (WO2015/092139)
[30] EP (13198910.5) 2013-12-20

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[21] **2,931,307**
[13] A1

[51] **Int.Cl. F01D 5/02 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **TURBOMACHINE COMPRISING A SHAFT SLEEVE AND ASSOCIATED SLEEVE TUBE**
[54] **TURBOMACHINE COMPRENANT UN FOURREAU D'ARBRE ET TUBE DE FOURREAU ASSOCIE**
[72] JUDET, MAURICE GUY, FR
[72] ALIROT, CECILE MARIE EMILIENCE, FR
[72] BOSSAERT, ALEXANDRE XAVIER, FR
[72] GARIN, FABRICE MARCEL NOEL, FR
[72] GOSSELIN, CHRISTIAN MICHEL JACQUES, FR
[72] THOMAS, AXEL SYLVAIN LOIC, FR
[71] SNECMA, FR
[85] 2016-05-20
[86] 2014-11-25 (PCT/FR2014/053022)
[87] (WO2015/075405)
[30] FR (1361593) 2013-11-25

[21] **2,931,308**
[13] A1

[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **WORKFLOW FOR DETERMINING STRESSES AND/OR MECHANICAL PROPERTIES IN ANISOTROPIC FORMATIONS**
[54] **DEROULEMENT DES OPERATIONS DE DETERMINATION DE CONTRAINTES ET/OU DE PROPRIETES MECANQUES DANS DES FORMATIONS ANISOTROPES**
[72] KISRA, SAAD, ZA
[72] DONALD, JOHN ADAM, MY
[72] DE GENNARO, VINCENZO, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066855)
[87] (WO2015/077581)
[30] US (61/907,879) 2013-11-22

[21] **2,931,309**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 9/00 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING PULMONARY HYPERTENSION**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**
[72] YU, PAUL, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE S., US
[72] CASTONGUAY, ROSELYNE, US
[72] STEEVES, RITA, US
[72] KUMAR, RAVINDRA, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] ACCELERON PHARMA INC., US
[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066776)
[87] (WO2015/077540)
[30] US (61/907,260) 2013-11-21

[21] **2,931,310**
[13] A1

[51] **Int.Cl. B64D 29/00 (2006.01) B64C 1/14 (2006.01) F01D 25/32 (2006.01)**
[25] FR
[54] **DEVICE FOR RETAINING DRAINED FLUIDS FOR A PROPULSIVE ASSEMBLY**
[54] **DISPOSITIF DE RETENTION DE FLUIDES DRAINES POUR UN ENSEMBLE PROPULSIF**
[72] LEON, ALEXANDRE, FR
[72] BRUN, GILLES, FR
[71] SNECMA, FR
[85] 2016-05-20
[86] 2014-12-02 (PCT/FR2014/053136)
[87] (WO2015/082833)
[30] FR (1362079) 2013-12-04

[21] **2,931,311**
[13] A1

[51] **Int.Cl. A63B 69/02 (2006.01) A63B 71/06 (2006.01) F41B 13/02 (2006.01)**
[25] EN
[54] **FENCING WEAPON INCLUDING INDICATOR INTEGRATED IN GUARD**
[54] **ARME D'ESCRIME COMPRENANT UN INDICATEUR INTEGRE DANS LA GARDE**
[72] MOREHOUSE, TIMOTHY, US
[72] CHION, JIMMY, US
[72] WILCOX, JOE, US
[71] MOREHOUSE USA CREATIVE, LLC, US
[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066789)
[87] (WO2015/077546)
[30] US (13/998,677) 2013-11-22

[21] **2,931,312**
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) G06F 13/00 (2006.01) H01R 31/06 (2006.01) H04M 1/04 (2006.01)**
[25] EN
[54] **SLIM-FORM CHARGER FOR A MOBILE PHONE**
[54] **CHARGEUR PLAT POUR UN TELEPHONE MOBILE**
[72] AVITAL, SOLOMON, DE
[71] HAMAMA, YANIV, IL
[71] AVITAL, SOLOMON, DE
[85] 2016-05-20
[86] 2014-11-24 (PCT/IL2014/051018)
[87] (WO2015/075724)
[30] US (61/908,125) 2013-11-24

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[21] **2,931,313**
[13] A1

[51] **Int.Cl. C07C 39/17 (2006.01) A61K 31/05 (2006.01) A61K 31/15 (2006.01) A61K 31/192 (2006.01) A61K 31/216 (2006.01) A61P 25/18 (2006.01) A61P 35/00 (2006.01) C07C 39/23 (2006.01) C07C 62/32 (2006.01) C07C 69/757 (2006.01) C07C 251/44 (2006.01)**

[25] EN

[54] **SUBSTITUTED (4'-HYDROXYPHENYL)CYCLOALKANE COMPOUNDS AND USES THEREOF AS SELECTIVE AGONISTS OF THE ESTROGEN RECEPTOR BETA ISOFORM**

[54] **COMPOSES SUBSTITUES DE (4'-HYDROXYPHENYL)CYCLOALKANE ET LEURS UTILISATIONS EN TANT QU'AGONISTES SELECTIFS DE L'ISOFORME BETA DU RECEPTEUR D'ESTROGENES**

[72] DONALDSON, WILLIAM A., US
[72] SEM, DANIEL S., US
[72] NEUMANN, TERRENCE S., US
[71] MARQUETTE UNIVERSITY, US
[71] CONCORDIA UNIVERSITY WISCONSIN, US

[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066896)
[87] (WO2015/077611)
[30] US (61/963,031) 2013-11-21

[21] **2,931,314**
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01)**

[25] EN

[54] **SYSTEM, APPARATUS, AND METHOD FOR DRILLING**

[54] **SYSTEME, APPAREIL ET PROCEDE DE FORAGE**

[72] ROBERTS, ANDREW, US
[71] APS TECHNOLOGY, INC., US

[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066801)
[87] (WO2015/077552)
[30] US (14/087,637) 2013-11-22

[21] **2,931,315**
[13] A1

[51] **Int.Cl. C09D 5/16 (2006.01) C09D 7/12 (2006.01) C09D 127/12 (2006.01)**

[25] EN

[54] **ULTRA FAST OLEOPHOBIC-HYDROPHILIC SWITCHING SURFACES**

[54] **SURFACES A COMMUTATION OLEOPHOBE- HYDROPHILE ULTRARAPIDE**

[72] BADYAL, JAS PAL SINGH, GB
[72] ATKINSON, OLIVIA DIANE LOUISE AMY, GB

[72] BROWN, PHILIP SIMON, GB
[71] UNIVERSITY OF DURHAM, GB

[85] 2016-05-20
[86] 2014-11-19 (PCT/GB2014/053421)
[87] (WO2015/075446)
[30] GB (1320676.8) 2013-11-22

[21] **2,931,316**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 7/02 (2006.01) A61P 19/04 (2006.01) A61P 35/04 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR INHIBITING INTERCELLULAR INTERACTIONS**

[54] **COMPOSITIONS ET PROCEDES POUR INHIBER LES INTERACTIONS INTERCELLULAIRES**

[72] JAY, GREGORY D., US
[72] SCHMIDT, TANNIN, CA
[72] SULLIVAN, BENJAMIN, US
[71] LUBRIS LLC, US

[85] 2016-05-20
[86] 2014-11-25 (PCT/US2014/067464)
[87] (WO2015/081121)
[30] US (61/908,959) 2013-11-26

[21] **2,931,317**
[13] A1

[51] **Int.Cl. A61K 35/742 (2015.01) A61K 35/744 (2015.01) A61K 35/745 (2015.01) A61K 35/00 (2006.01)**

[25] EN

[54] **SYNERGISTIC BACTERIAL COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF**

[54] **COMPOSITIONS BACTERIENNES SYNERGIQUES ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**

[72] HENN, MATTHEW R., US
[72] LITCOFSKY, KEVIN DANIEL, US
[72] D'ONOFRIO, ANTHONY MARIO, US
[72] OHSUMI, TOSHIRO K., US
[72] MCKENZIE, MARY-JANE LOMBARDO, US

[72] VON MALTZAHN, GEOFFREY, US
[72] COOK, DAVID N., US
[72] BERRY, DAVID ARTHUR, US
[72] AFEYAN, NOUBAR B., US
[72] AUNINS, JOHN GRANT, US
[71] SERES THERAPEUTICS, INC., US

[85] 2016-05-20
[86] 2014-11-25 (PCT/US2014/067491)
[87] (WO2015/077794)
[30] US (61/908,702) 2013-11-25
[30] US (61/908,698) 2013-11-25
[30] US (62/004,187) 2014-05-28

[21] **2,931,318**
[13] A1

[51] **Int.Cl. C21B 5/00 (2006.01) C21B 5/06 (2006.01) C21B 7/00 (2006.01)**

[25] EN

[54] **BLAST FURNACE AND METHOD FOR OPERATING A BLAST FURNACE**

[54] **HAUT FOURNEAU ET SON PROCEDE DE FONCTIONNEMENT**

[72] KUHL, OLAF, DE
[71] CCP TECHNOLOGY GMBH, DE

[85] 2016-05-20
[86] 2014-11-27 (PCT/EP2014/075798)
[87] (WO2015/078962)
[30] DE (10 2013 018 074.0) 2013-11-28

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[21] **2,931,324**
[13] A1

[51] **Int.Cl. G08B 21/04 (2006.01)**
[25] EN
[54] **BATHTUB MONITORS**
[54] **MONITEURS DE BAIGNOIRE**
[72] JECHART, ROBERT, US
[72] COLE, STEVE, US
[71] RJE INTERNATIONAL, INC., US
[85] 2016-05-20
[86] 2014-12-04 (PCT/US2014/068486)
[87] (WO2015/085027)
[30] US (14/097,408) 2013-12-05

[21] **2,931,325**
[13] A1

[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **COMPLEX SCORING FOR MALWARE DETECTION**
[54] **NOTATION COMPLEXE SERVANT A LA DETECTION DE LOGICIELS MALVEILLANTS**
[72] LUKACS, SANDOR, RO
[72] TOSA, RAUL-VASILE, RO
[72] BOCA, PAUL-DANIEL, RO
[72] HAJMASAN, GHEORGHE-FLORIN, RO
[72] LUTAS, ANDREI-VLAD, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
[85] 2016-03-22
[86] 2014-09-25 (PCT/RO2014/000027)
[87] (WO2015/050469)
[30] US (14/046,728) 2013-10-04

[21] **2,931,326**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **PEN NEEDLE ATTACHMENT MECHANISMS**
[54] **MECANISMES DE FIXATION D'AIGUILLE DE STYLO**
[72] SRINIVASAN, SUDARSAN, US
[72] DIBIASI, MICHAEL, US
[72] SULLIVAN, SEAN, US
[72] KNAPP, KEITH, US
[72] HERR, JOSHUA, US
[72] LIMAYE, AMIT, US
[72] HUANG, DAVID, US
[72] SCHIFF, DAVID, US
[72] SACK, TODD, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-05-20
[86] 2014-12-04 (PCT/US2014/068498)
[87] (WO2015/085031)
[30] US (61/911,716) 2013-12-04
[30] US (61/931,085) 2014-01-24

[21] **2,931,327**
[13] A1

[51] **Int.Cl. C07K 16/12 (2006.01) C07K 14/315 (2006.01)**
[25] EN
[54] **ANTIBODIES DIRECTED AGAINST THE LUKGH (LUKAB) TOXIN OF STAPHYLOCOCCUS AUREUS AND ANTIBODY SEQUENCES**
[54] **ANTICORPS DIRIGES CONTRE LA TOXINE LUKGH (LUKAB) DU STAPHYLOCOQUE DORE ET SEQUENCES D'ANTICORPS**
[72] NAGY, ESZTER, AT
[72] BADARAU, ADRIANA, AT
[72] ROUHA, HARALD, AT
[72] MIRKINA, IRINA, AT
[72] BATTLES, MICHAEL BENJAMIN, US
[72] WALKER, LAURA M, US
[72] NIELSON, NELS, US
[72] TUSHAR, S. JAIN, US
[71] ARSANIS BIOSCIENCES GMBH, AT
[85] 2016-05-20
[86] 2014-12-19 (PCT/EP2014/078708)
[87] (WO2015/091935)
[30] EP (13198484.1) 2013-12-19

[21] **2,931,328**
[13] A1

[51] **Int.Cl. C02F 1/52 (2006.01)**
[25] EN
[54] **ENHANCED TREATMENT SHAFT**
[54] **PUITS DE TRAITEMENT AMELIORE**
[72] GHALIB, SAAD A., US
[71] GHALIB, SAAD A., US
[85] 2016-05-20
[86] 2014-11-21 (PCT/US2014/066930)
[87] (WO2015/077631)
[30] US (61/907,591) 2013-11-22

[21] **2,931,330**
[13] A1

[51] **Int.Cl. C07D 307/50 (2006.01)**
[25] EN
[54] **A PROCESS FOR SYNTHESIS OF FURAN DERIVATIVE USING AN ACID CATALYST AND PREPARATION THEREOF**
[54] **PROCEDE DE SYNTHESE D'UN DERIVE DE FURANE FAISANT APPEL A UN CATALYSEUR ACIDE ET PREPARATION DUDIT DERIVE DE FURANE**
[72] LALI, ARVIND MALLINATH, IN
[72] PAWAR, HITESH SURESH, IN
[71] LALI, ARVIND MALLINATH, IN
[85] 2016-05-20
[86] 2014-11-21 (PCT/IB2014/002537)
[87] (WO2015/075540)
[30] IN (3664/MUM/2013) 2013-11-21

PCT Applications Entering the National Phase

[21] **2,931,331**
[13] A1

[51] **Int.Cl. B32B 5/00 (2006.01) B32B 5/02 (2006.01) B32B 5/24 (2006.01) B32B 7/00 (2006.01) B32B 7/04 (2006.01) B32B 7/10 (2006.01) B32B 7/12 (2006.01) B32B 11/00 (2006.01) B32B 11/04 (2006.01) B32B 21/00 (2006.01) B32B 21/02 (2006.01) B32B 21/04 (2006.01) B32B 21/08 (2006.01) B32B 27/00 (2006.01) B32B 27/06 (2006.01)**

[25] EN

[54] **ADHERED THERMOPLASTIC MEMBRANE ROOFING SYSTEM**

[54] **SYSTEME ADHESIF A MEMBRANE THERMOPLASTIQUE POUR TOITURES**

[72] HUBBARD, MICHAEL J., US

[72] WANG, HAO, US

[72] TANG, JIANSHENG, US

[72] TIPPMANN, DONNA M., US

[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US

[85] 2016-05-20

[86] 2014-12-12 (PCT/US2014/069912)

[87] (WO2015/089359)

[30] US (61/915,169) 2013-12-12

[21] **2,931,332**
[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01)**

[25] EN

[54] **EXPANDABLE INTERBODY DEVICE**

[54] **DISPOSITIF INTERVERTEBRAL EXTENSIBLE**

[72] BLAIN, JASON, US

[72] SOLUM, DAVID, US

[72] JOHNSON, DEAN, US

[72] FLORES, MARKANTHONY, US

[71] SPINAL ELEMENTS, INC., US

[85] 2016-05-20

[86] 2014-12-04 (PCT/US2014/068652)

[87] (WO2015/085111)

[30] US (61/912,432) 2013-12-05

[30] US (61/912,360) 2013-12-05

[30] US (14/333,336) 2014-07-16

[21] **2,931,333**
[13] A1

[51] **Int.Cl. A01N 39/04 (2006.01)**

[25] EN

[54] **SYNERGISTIC HERBICIDAL WEED CONTROL FROM COMBINATIONS OF 2,4-D-CHOLINE AND GLUFOSINATE**

[54] **DESHERBAGE HERBICIDE SYNERGIQUE A PARTIR DE COMBINAISONS DE 2,4-D-CHOLINE ET GLUFOSINATE**

[72] MANN, RICHARD K., US

[72] PETERSON, MARK, US

[72] WRIGHT, TERRY R., US

[72] MCMASTER, STEVE, US

[72] SORRIBAS AMELA, MONICA, US

[71] DOW AGROSCIENCES LLC, US

[85] 2016-05-20

[86] 2014-12-09 (PCT/US2014/069232)

[87] (WO2015/089015)

[30] US (61/914,195) 2013-12-10

[30] US (61/914,177) 2013-12-10

[21] **2,931,334**
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/02 (2006.01)**

[25] EN

[54] **SPECIFICATION OF FUNCTIONAL CRANIAL PLACODE DERIVATIVES FROM HUMAN PLURIPOTENT STEM CELLS**

[54] **SPECIFICATION DE DERIVES DE PLACODE CRANIENNE FONCTIONNELLE A PARTIR DE CELLULES SOUCHES PLURIPOTENTES HUMAINES**

[72] CHAMBERS, STUART, US

[72] STUDER, LORENZ, US

[72] DINCER, ZEHRA, US

[72] ZIMMER, BASTIAN, US

[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US

[85] 2016-05-20

[86] 2014-11-21 (PCT/US2014/066952)

[87] (WO2015/077648)

[30] US (61/907,302) 2013-11-21

[21] **2,931,335**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/445 (2006.01)**

[25] EN

[54] **DYNAMICALLY DETERMINING A MODE OF A DATA PROCESSING APPLICATION**

[54] **DETERMINATION DYNAMIQUE D'UN MODE D'UNE APPLICATION DE TRAITEMENT DE DONNEES**

[72] FISHER, BEN, US

[71] AB INITIO TECHNOLOGY LLC, US

[85] 2016-05-20

[86] 2014-12-12 (PCT/US2014/070002)

[87] (WO2015/089390)

[30] US (61/915,805) 2013-12-13

[21] **2,931,336**
[13] A1

[51] **Int.Cl. A01N 43/54 (2006.01) A01N 43/40 (2006.01)**

[25] EN

[54] **SELECTIVE WEED CONTROL WITH HALAUXIFEN**

[54] **LUTTE SELECTIVE CONTRE LES MAUVAISES HERBES FAISANT APPEL A L'HALAUXIFENE**

[72] BISABRI-ERSHADI, BARAT, US

[72] MANN, RICHARD K., US

[72] MUELLER, JAMES P., US

[72] SHATLEY, DEBORAH G., US

[72] SLEUGH, BYRON B., US

[72] SORRIBAS AMELA, MONICA, US

[71] DOW AGROSCIENCES LLC, US

[85] 2016-05-20

[86] 2014-12-11 (PCT/US2014/069656)

[87] (WO2015/089247)

[30] US (61/915,317) 2013-12-12

Demandes PCT entrant en phase nationale

[21] **2,931,337**
[13] A1

[51] **Int.Cl. E04D 3/30 (2006.01) E04D 13/18 (2014.01) H01L 31/048 (2014.01)**

[25] FR

[54] **PANEL, PANEL ASSEMBLY, AND RELATED ROOFING**

[54] **PANNEAU, ASSEMBLAGE DE PANNEAUX ET TOITURE ASSOCIEE**

[72] CHABAS, ERIC, FR

[72] MASURE, DAVID, FR

[72] NINFORGE, DOMINIQUE, BE

[71] ARCELORMITTAL, LU

[85] 2016-05-20

[86] 2014-11-26 (PCT/IB2014/002572)

[87] (WO2015/079305)

[30] IB (PCT/IB2013/002644) 2013-11-26

[21] **2,931,338**
[13] A1

[51] **Int.Cl. C04B 28/10 (2006.01) C04B 20/00 (2006.01) C04B 28/02 (2006.01)**

[25] FR

[54] **SYSTEM OF PLANT OR BIO-SOURCED MATERIALS**

[54] **SYSTEME A BASE DE MATERIAUX VEGETAUX OU BIO-SOURCES**

[72] PETER, ULRIKE, BE

[72] DAVILLER, DANIEL, FR

[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE

[85] 2016-05-19

[86] 2014-12-03 (PCT/EP2014/076344)

[87] (WO2015/082513)

[30] BE (BE2013/0818) 2013-12-06

[21] **2,931,339**
[13] A1

[51] **Int.Cl. C08F 8/30 (2006.01)**

[25] EN

[54] **LOW VISCOSITY, WATER-BORNE, ACRYLIC MODIFIED ALKYD DISPERSION AND METHOD OF PRODUCTION THEREOF**

[54] **DISPERSION D'ALKYDE MODIFIE PAR UN COMPOSE ACRYLIQUE, A BASE D'EAU, DE FAIBLE VISCOSITE ET SON PROCEDE DE PRODUCTION**

[72] KIM, KYU-JUN, US

[71] ARKEMA INC., US

[85] 2016-05-20

[86] 2014-11-24 (PCT/US2014/067023)

[87] (WO2015/077677)

[30] US (61/908,296) 2013-11-25

[21] **2,931,340**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **ANTI-CD33 ANTIBODIES AND IMMUNOCONJUGATES**

[54] **ANTICORPS ET IMMUNOCONJUGUES ANTI-CD33**

[72] YU, SHANG-FAN, US

[72] LIANG, WEI-CHING, US

[72] WU, YAN, US

[72] LEONG, STEVEN, US

[72] POLSON, ANDREW, US

[71] GENENTECH, INC., US

[85] 2016-05-20

[86] 2014-12-12 (PCT/US2014/069874)

[87] (WO2015/089344)

[30] US (61/916,087) 2013-12-13

[21] **2,931,341**
[13] A1

[51] **Int.Cl. H03L 7/08 (2006.01) H03L 1/02 (2006.01) H03L 7/085 (2006.01)**

[25] EN

[54] **DIGITALLY COMPENSATED PHASE LOCKED OSCILLATOR**

[54] **OSCILLATEUR A VERROUILLAGE DE PHASE A COMPENSATION NUMERIQUE**

[72] NICHOLLS, CHARLES WILLIAM TREMLETT, CA

[72] HANDANE, WALID, CA

[71] NANOWAVE TECHNOLOGIES INC., CA

[85] 2016-05-24

[86] 2013-11-25 (PCT/CA2013/050901)

[87] (WO2015/074133)

[21] **2,931,342**
[13] A1

[51] **Int.Cl. F15B 15/20 (2006.01) F15B 15/08 (2006.01)**

[25] EN

[54] **PNEUMATIC ACTUATORS**

[54] **ACTIONNEURS PNEUMATIQUES**

[72] VAN BUSKIRK, LOYD, US

[72] MELDAHL, BRIAN, US

[72] VAN BUSKIRK, DYLAN, US

[71] L & B MANUFACTURING, INC., US

[85] 2016-05-20

[86] 2014-12-18 (PCT/US2014/071080)

[87] (WO2015/077799)

[30] US (14/087,261) 2013-11-22

[21] **2,931,343**
[13] A1

[51] **Int.Cl. B24D 5/00 (2006.01) B24B 55/02 (2006.01)**

[25] EN

[54] **GRINDING WHEEL TOOL**

[54] **MEULE**

[72] ARISAWA, HIDEAKI, JP

[71] MITSUBISHI HEAVY INDUSTRIES MACHINE TOOL CO., LTD., JP

[85] 2016-05-20

[86] 2014-09-09 (PCT/JP2014/073728)

[87] (WO2015/098194)

[30] JP (2013-266324) 2013-12-25

[21] **2,931,345**
[13] A1

[51] **Int.Cl. C07D 209/08 (2006.01) A61K 31/404 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07D 209/40 (2006.01)**

[25] EN

[54] **USE OF INDOLYL AND IDOLINYL HYDROXAMATES FOR TREATING NEURODEGENERATIVE DISORDERS OR COGNITIVE DEFICITS**

[54] **UTILISATION D'HYDOXAMATES D'INDOLYLE ET D'INDOLINYLE POUR LE TRAITEMENT DE TROUBLES NEURODEGENERATIFS OU DE DEFICITS COGNITIFS**

[72] HUNG, KUO SHENG, TW

[71] TAIPEI MEDICAL UNIVERSITY, TW

[71] HUNG, KUO SHENG, TW

[85] 2016-05-20

[86] 2014-11-24 (PCT/US2014/067040)

[87] (WO2015/077685)

[30] US (61/908,168) 2013-11-24

PCT Applications Entering the National Phase

[21] **2,931,346**
[13] A1

[51] **Int.Cl. A01N 43/653 (2006.01) A01N 37/50 (2006.01) A01N 39/02 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) A01N 43/88 (2006.01) A01N 47/24 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **AGRICULTURAL OR HORTICULTURAL CHEMICAL, METHOD OF CONTROLLING PLANT DISEASES, AND PRODUCT FOR CONTROLLING PLANT DISEASES**

[54] **PRODUIT CHIMIQUE A USAGE AGRICOLE ET HORTICOLE, PROCEDE DE LUTTE CONTRE LES MALADIES DES PLANTES ET PRODUIT DE LUTTE CONTRE LES MALADIES DES PLANTES**

[72] MIYAKE, TAJI, JP
[72] ARAKI, NOBUYUKI, JP
[71] KUREHA CORPORATION, JP
[85] 2016-05-20
[86] 2014-10-08 (PCT/JP2014/076906)
[87] (WO2015/083437)
[30] JP (2013-252540) 2013-12-05

[21] **2,931,347**
[13] A1

[51] **Int.Cl. C02F 3/00 (2006.01) C02F 1/46 (2006.01) C02F 3/28 (2006.01)**

[25] EN

[54] **ELECTRODES FOR COST-EFFECTIVE BIO-ELECTROCHEMICAL SYSTEMS**

[54] **ELECTRODES POUR DES SYSTEMES BIO-ELECTROCHIMIQUES PEU ONEREUX**

[72] BUCK, JUSTIN, US
[72] CHARTIER, CASEY, US
[72] BAROSKY, MARK, US
[72] HAWKINS, JAMES RYAN, US
[72] HUANG, ZHEN, US
[72] TRAN, QUYNH ANH LE, US
[72] WAGNER, TZIPORA, US
[72] SILVER, MATTHEW, US
[71] CAMBRIAN INNOVATION INC., US
[85] 2016-05-20
[86] 2014-11-24 (PCT/US2014/067100)
[87] (WO2015/077697)
[30] US (61/907,523) 2013-11-22

[21] **2,931,348**
[13] A1

[51] **Int.Cl. G06K 9/80 (2006.01) G06K 9/36 (2006.01) G06K 9/68 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR FACE RECOGNITION**

[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE FACIALE**

[72] FAZL ERSI, EHSAN, CA
[72] TSOTSOS, JOHN KONSTANTINE, CA
[71] FAZL ERSI, EHSAN, CA
[71] TSOTSOS, JOHN KONSTANTINE, CA

[85] 2016-05-24
[86] 2014-11-24 (PCT/CA2014/051117)
[87] (WO2015/074157)
[30] US (61/908,212) 2013-11-25

[21] **2,931,349**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 23/06 (2006.01) E21B 33/128 (2006.01)**

[25] EN

[54] **DIAMETER-EXPANDABLE ANNULAR DEGRADABLE SEAL MEMBER FOR DOWNHOLE TOOL, PLUG FOR WELL DRILLING, AND METHOD FOR WELL DRILLING**

[54] **ELEMENT D'ETANCHEITE DEGRADABLE, ANNULAIRE ET EXTENSIBLE POUR OUTIL DE FOND DE Puits, BOUCHON POUR LE FORAGE DE Puits ET PROCEDE DE FORAGE DE Puits**

[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[71] KUREHA CORPORATION, JP
[85] 2016-05-20
[86] 2014-12-24 (PCT/JP2014/084045)
[87] (WO2015/098913)
[30] JP (2013-271310) 2013-12-27
[30] JP (2014-127561) 2014-06-20

[21] **2,931,350**
[13] A1

[51] **Int.Cl. A23G 4/02 (2006.01)**

[25] EN

[54] **DEPOSITED CHEWING GUM PRODUCT**

[54] **PRODUIT DE TYPE GOMME A MACHER DEPOSEE**

[72] CERVENKA, MARTIN R., US
[72] PHILLIPS, DAVID R., US
[72] BROWN, SCOTT G., US
[72] CATIZONE, MICHAEL, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2016-05-20
[86] 2014-11-24 (PCT/US2014/067126)
[87] (WO2015/081017)
[30] US (61/909,022) 2013-11-26

[21] **2,931,351**
[13] A1

[51] **Int.Cl. A61C 17/32 (2006.01) A46B 13/02 (2006.01) A61C 17/34 (2006.01)**

[25] EN

[54] **TOOTHBRUSH WITH BIOFILM-REMOVING TOUCH POINTS**

[54] **BROSSE A DENTS DOTEE DE POINTS DE CONTACT D'ELIMINATION DE BIO-FILM**

[72] SEDIC, FILIP, US
[71] SEDIC, FILIP, US
[85] 2016-05-20
[86] 2014-12-19 (PCT/IB2014/003193)
[87] (WO2015/092550)
[30] US (61/919,673) 2013-12-20
[30] US (14/576,134) 2014-12-18

Demandes PCT entrant en phase nationale

[21] **2,931,352**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) C08L 67/02 (2006.01) C08L 67/04 (2006.01) C08L 101/00 (2006.01) E21C 37/06 (2006.01)**

[25] EN

[54] **DEGRADABLE SEAL MEMBER FOR DOWNHOLE TOOLS, DOWNHOLE TOOL, AND METHOD OF WELL DRILLING AND COMPLETION**

[54] **ELEMENT D'ETANCHEITE DEGRADABLE POUR OUTIL DE FOND DE TROU, OUTIL DE FOND DE TROU, ET PROCEDE DE FORAGE DE Puits**

[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[72] KOBAYASHI, TAKUMA, JP
[71] KUREHA CORPORATION, JP
[85] 2016-05-20
[86] 2014-12-25 (PCT/JP2014/084231)
[87] (WO2015/099005)
[30] JP (2013-271311) 2013-12-27
[30] JP (2014-232444) 2014-11-17

[21] **2,931,353**
[13] A1

[51] **Int.Cl. B65G 39/12 (2006.01) B65G 15/08 (2006.01) B65G 39/02 (2006.01) B65G 39/18 (2006.01)**

[25] EN

[54] **A MOUNTING ASSEMBLY FOR AN IDLER ROLLER SUPPORT**

[54] **ENSEMBLE DE MONTAGE POUR UN SUPPORT DE GALET PORTEUR**

[72] DUNN, LESLIE DONALD, AU
[71] ALLENVEE HOLDINGS PTY LTD, AU
[85] 2016-05-24
[86] 2012-11-26 (PCT/AU2012/001453)
[87] (WO2013/078501)

[21] **2,931,354**
[13] A1

[51] **Int.Cl. C22C 21/08 (2006.01) B21C 23/00 (2006.01) C22C 21/02 (2006.01) C22F 1/05 (2006.01)**

[25] EN

[54] **ALUMINUM ALLOY COMBINING HIGH STRENGTH AND EXTRUDABILITY, AND LOW QUENCH SENSITIVITY**

[54] **ALLIAGE D'ALUMINIUM COMBINANT DE HAUTES RESISTANCE ET APTITUDE A L'EXTRUSION ET UNE FAIBLE SENSIBILITE A LA TREMPE**

[72] PARSON, NICHOLAS C., CA
[72] GUAY, RAYNALD, CA
[72] BRETON, FRANCIS, CA
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2016-05-24
[86] 2014-11-26 (PCT/CA2014/051127)
[87] (WO2015/077880)
[30] US (61/909,643) 2013-11-27

[21] **2,931,355**
[13] A1

[51] **Int.Cl. F23D 14/28 (2006.01) F23D 14/32 (2006.01)**

[25] EN

[54] **APPARATUS FOR FIRING AND COMBUSTION OF SYNGAS**

[54] **APPAREIL DESTINE A ASSURER L'AMORCAGE ET LA COMBUSTION D'UN GAZ DE SYNTHESE**

[72] MARTIN, NEIL, AU
[71] ENTECH - RENEWABLE ENERGY SOLUTIONS PTY.LTD., AU
[85] 2016-05-24
[86] 2014-11-14 (PCT/AU2014/001045)
[87] (WO2015/074093)
[30] AU (2013904545) 2013-11-25

[21] **2,931,356**
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C40B 40/08 (2006.01)**

[25] EN

[54] **BISPECIFIC ANTIGEN-BINDING CONSTRUCTS TARGETING HER2**

[54] **PRODUITS DE RECOMBINAISON DE LIAISON A L'ANTIGENE BISPECIFIQUES CIBLANT HER2**

[72] WEISSER, NINA E., CA
[72] NG, GORDON YIU KON, CA
[72] WICKMAN, GRANT RAYMOND, CA
[72] DIXIT, SURJIT BHIMARAO, CA
[72] ESCOBAR-CABRERA, ERIC, CA
[72] SANCHES, MARIO, CA
[71] ZYMEWORKS INC., CA
[85] 2016-05-24
[86] 2014-11-27 (PCT/CA2014/051140)
[87] (WO2015/077891)
[30] US (61/910,026) 2013-11-27
[30] US (62/000,908) 2014-05-20
[30] US (62/009,125) 2014-06-06

[21] **2,931,357**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/00 (2006.01) A61P 3/10 (2006.01) A61P 13/12 (2006.01)**

[25] EN

[54] **METHOD OF TREATING NEPHROPATHY**

[54] **METHODE DE TRAITEMENT DE LA NEPHROPATHIE DIABETIQUE**

[72] ERIKSSON, ULF, SE
[72] FALKEVALL, ANNELIE, SE
[72] MEHLEM, ANNIKA, SE
[71] CSL LIMITED, AU
[71] B-CREATIVE SWEDEN AB, SE
[85] 2016-05-24
[86] 2014-11-28 (PCT/AU2014/050387)
[87] (WO2015/077845)
[30] AU (2013904595) 2013-11-28

PCT Applications Entering the National Phase

[21] **2,931,358**
[13] A1

[51] **Int.Cl. F21V 29/00 (2015.01)**
[25] EN
[54] **LED LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE A DEL**
[72] KIM, DUK YONG, KR
[72] KANG, BYUNG JU, KR
[72] KIM, HYUN KI, KR
[71] KMW INC., KR
[85] 2016-05-20
[86] 2014-11-21 (PCT/KR2014/011290)
[87] (WO2015/076625)
[30] KR (10-2013-0142968) 2013-11-22
[30] KR (10-2014-0015569) 2014-02-11

[21] **2,931,359**
[13] A1

[51] **Int.Cl. B67D 7/36 (2010.01) B67D 7/34 (2010.01) F16K 21/00 (2006.01) F16K 31/60 (2006.01) F16K 35/00 (2006.01) F16L 35/00 (2006.01) F16L 37/12 (2006.01) F16L 37/38 (2006.01) F16L 37/47 (2006.01)**
[25] EN
[54] **COMBINATION SPILL PREVENTION VALVE ACTUATOR DEVICE**
[54] **COMBINAISON DE DISPOSITIF D'ACTIONNEUR DE CLAPET A PROTECTION CONTRE LE DEVERSEMENT**
[72] DOBSON, GLYN, CA
[72] JONES, MATHIEU P., CA
[72] BRIAULT, COLLIN LEE, CA
[72] VERSTRAETE, GERALD MAURICE, CA
[71] GERVEE ENERGY SERVICES, CA
[85] 2016-05-24
[86] 2014-12-22 (PCT/CA2014/051253)
[87] (WO2015/095964)
[30] US (61/920,105) 2013-12-23

[21] **2,931,360**
[13] A1

[51] **Int.Cl. E01H 4/02 (2006.01)**
[25] EN
[54] **A SNOW TILLER FOR PREPARING SKI SLOPES**
[54] **FRAISE A NEIGE POUR LA PREPARATION DE PISTES DE SKI**
[72] RAPP, SEBASTIAN, AT
[72] KIRCHMAIR, THOMAS, AT
[71] PRINOTH S.P.A., IT
[85] 2016-05-20
[86] 2014-11-20 (PCT/IB2014/066206)
[87] (WO2015/075670)
[30] IT (MI2013A001925) 2013-11-20

[21] **2,931,361**
[13] A1

[51] **Int.Cl. H04J 11/00 (2006.01)**
[25] EN
[54] **NETWORK NODE, WIRELESS DEVICE, METHODS THEREIN, FOR SENDING AND DETECTING, RESPECTIVELY, SYNCHRONIZATION SIGNAL AND AN ASSOCIATED INFORMATION**
[54] **N □ UD DE RESEAU, DISPOSITIF SANS FIL, PROCEDES DANS CEUX-CI POUR EMETTRE ET DETECTER RESPECTIVEMENT UN SIGNAL DE SYNCHRONISATION ET UNE INFORMATION ASSOCIEE**
[72] FRENNE, MATTIAS, SE
[72] GERSTENBERGER, DIRK, SE
[72] FURUSKOG, JOHAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-05-20
[86] 2014-10-03 (PCT/SE2014/051144)
[87] (WO2015/080646)
[30] US (61/909,752) 2013-11-27

[21] **2,931,362**
[13] A1

[51] **Int.Cl. C01B 37/00 (2006.01) A61K 31/496 (2006.01) A61K 47/02 (2006.01) C01B 33/143 (2006.01) C01B 33/193 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING INORGANIC PARTICULATE MATERIAL**
[54] **PROCEDE DE PRODUCTION DE MATERIAU PARTICULAIRE INORGANIQUE**
[72] KUCERA, SHAWN, DE
[72] LUBDA, DIETER, DE
[72] FRIEDRICH, LARS, DE
[72] WITT, VANESSA, DE
[71] MERCK PATENT GMBH, DE
[85] 2016-05-24
[86] 2014-10-31 (PCT/EP2014/002929)
[87] (WO2015/078552)
[30] EP (13005505.6) 2013-11-26
[30] EP (13005688.0) 2013-12-06

[21] **2,931,363**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MICROBIOTA COMPOSITION, AS A MARKER OF RESPONSIVENESS TO CHEMOTHERAPY, AND USE OF MICROBIAL MODULATORS (PRE-,PRO- OR SYNBIOTICS) FOR IMPROVING THE EFFICACY OF A CANCER TREATMENT**
[54] **COMPOSITION DE MICROBIOTE EN TANT QUE MARQUEUR DE LA SENSIBILITE A UNE CHIMIOTHERAPIE, ET UTILISATION DE MODULATEURS MICROBIENS (PRE-,PRO- OU SYNBIOTIQUES) POUR AMELIORER L'EFFICACITE D'UN TRAITEMENT ANTICANCEREUX**
[72] ZITVOGEL, LAURENCE, FR
[72] GOMPERTS BONECA, IVO, FR
[72] LEPAGE, PATRICIA, FR
[72] VIAUD, SOPHIE, FR
[72] DAILLIERE, ROMAIN, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[85] 2016-05-20
[86] 2014-11-21 (PCT/IB2014/066249)
[87] (WO2015/075688)
[30] EP (13306597.9) 2013-11-21
[30] US (61/907,076) 2013-11-21

[21] **2,931,364**
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) G01P 15/00 (2006.01)**
[25] EN
[54] **COMPUTING INTERFACE SYSTEM**
[54] **SYSTEME D'INTERFACE INFORMATIQUE**
[72] LAM, VINH VI, US
[72] LAMBRECHT, FRANK PETER, US
[72] KELLER, ERIC JEFFREY, US
[71] OPDIG, INC., US
[85] 2016-05-20
[86] 2013-11-21 (PCT/US2013/071215)
[87] (WO2014/081927)
[30] US (61/729,573) 2012-11-24
[30] US (13/804,871) 2013-03-14

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[13] A1

[51] **Int.Cl. F16K 1/30 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **EXTRACTION VALVE**
[54] **VANNE D'EXTRACTION**
[72] HAUSMANN, PHILIPP, DE
[71] NISSAN MOTOR CO., LTD., JP
[85] 2016-05-24
[86] 2014-11-15 (PCT/EP2014/003061)
[87] (WO2015/078563)
[30] DE (10 2013 019 708.2) 2013-11-26
[30] DE (10 2013 019 877.1) 2013-11-28

[21] **2,931,366**
[13] A1

[51] **Int.Cl. C07D 493/18 (2006.01) A61K 31/365 (2006.01) A61K 31/443 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **TAXANE COMPOUND, AND PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSE TAXANE, ET SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] ZHOU, WEI, CN
[72] JING, YUNRONG, CN
[72] WANG, YONGFENG, CN
[72] WANG, GUOCHENG, CN
[71] JIANGSU TASYI DIYI PHARMACEUTICAL CO., LTD., CN
[85] 2016-05-24
[86] 2014-11-21 (PCT/CN2014/091911)
[87] (WO2015/074606)
[30] CN (201310594994.X) 2013-11-22

[21] **2,931,367**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **AUTOMATICALLY SETTING WINDOW WIDTH/LEVEL BASED ON REFERENCED IMAGE CONTEXT IN RADIOLOGY REPORT**
[54] **REGLAGE AUTOMATIQUE DE LARGEUR/NIVEAU DE FENETRE EN FONCTION D'UN CONTEXTE D'IMAGE REFERENCE DANS UN COMPTE-RENDU DE RADIOLOGIE**
[72] TELLIS, RANJITH NAVEEN, NL
[72] MABOTUWANA, THUSITHA DANANJAYA DE SILVA, NL
[72] QIAN, YUECHEN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2016-05-20
[86] 2014-11-24 (PCT/IB2014/066280)
[87] (WO2015/079373)
[30] US (61/908,864) 2013-11-26

[21] **2,931,368**
[13] A1

[51] **Int.Cl. F16K 31/06 (2006.01)**
[25] EN
[54] **VALVE DEVICE FOR A PRESSURIZED GAS CONTAINER**
[54] **DISPOSITIF DE SOUPEPE POUR UN RECIPIENT DE GAZ SOUS PRESSION**
[72] HAUSMANN, PHILIPP, DE
[71] NISSAN MOTOR CO., LTD., JP
[85] 2016-05-24
[86] 2014-11-15 (PCT/EP2014/003062)
[87] (WO2015/078564)
[30] DE (10 2013 019 811.9) 2013-11-26

[21] **2,931,369**
[13] A1

[51] **Int.Cl. A47J 43/28 (2006.01) A47G 21/10 (2006.01)**
[25] EN
[54] **KITCHEN TONGS**
[54] **PINCES DE CUISINE**
[72] VENOT, MARC, FR
[72] LION, MATHIEU, FR
[71] MASTRAD, FR
[85] 2016-05-24
[86] 2014-09-29 (PCT/EP2014/070801)
[87] (WO2015/082092)
[30] US (14/099,687) 2013-12-06

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[13] A1

[51] **Int.Cl. A61K 31/728 (2006.01) A61K 9/06 (2006.01) A61K 9/08 (2006.01) A61K 9/12 (2006.01) A61K 47/36 (2006.01) A61P 15/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS WITH HYDRATING AND LUBRICATING ACTIVITY**
[54] **COMPOSITIONS PHARMACEUTIQUES A ACTIVITE HYDRATANTE ET LUBRIFIANTE**
[72] PILOTTO, LAURA, IT
[72] GENNARI, GIOVANNI, IT
[72] ZANELLATO, ANNA MARIA, IT
[71] FIDIA FARMACEUTICI S.P.A., IT
[85] 2016-05-24
[86] 2014-11-17 (PCT/EP2014/074736)
[87] (WO2015/078713)
[30] IT (MI2013A001971) 2013-11-26

[21] **2,931,371**
[13] A1

[51] **Int.Cl. A01K 13/00 (2006.01) A01K 15/02 (2006.01) B68B 5/00 (2006.01) B68B 7/00 (2006.01) B68C 5/00 (2006.01)**
[25] FR
[54] **HOOD FOR A HORSE'S HEAD**
[54] **BONNET POUR UNE TETE DE CHEVAL**
[72] KAJDAS, HUGO, FR
[72] KAJDAS, MARINE, FR
[72] KAJDAS, SAMUEL, FR
[71] KAJDAS, HUGO, FR
[85] 2016-05-24
[86] 2014-11-18 (PCT/FR2014/000246)
[87] (WO2015/079126)
[30] FR (1361727) 2013-11-28

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[13] A1

[51] **Int.Cl. H02K 1/02 (2006.01) H02K 1/30 (2006.01) H02K 9/06 (2006.01)**

[25] EN

[54] **DEVICE COMPRISING AN ELECTRIC MACHINE WITH A LIGHTWEIGHT DESIGN**

[54] **DISPOSITIF COMPRENANT UNE MACHINE ELECTRIQUE EN CONSTRUCTION LEGERE**

[72] BALLAUF, CHRISTIAN, DE

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2016-05-24

[86] 2014-11-18 (PCT/EP2014/074896)

[87] (WO2015/078730)

[30] EP (13194465.4) 2013-11-26

[21] **2,931,373**
[13] A1

[51] **Int.Cl. A61C 13/00 (2006.01) A61C 13/01 (2006.01) A61C 13/08 (2006.01) A61C 13/10 (2006.01)**

[25] EN

[54] **ARTIFICIAL TOOTH AND METHOD FOR PRODUCING A DENTURE BASE**

[54] **DENT ARTIFICIELLE ET PROCEDEE DE FABRICATION D'UNE BASE DE PROTHESE**

[72] FORTSCH, JURGEN, DE

[72] EGLE, FRANZ, DE

[72] KERSCHENSTEINER, EVA, DE

[72] CHRISTEN, URBAN, DE

[71] VITA ZAHNFABRIK H. RAUTER GMBH & CO. KG, DE

[85] 2016-05-24

[86] 2014-11-13 (PCT/EP2014/074498)

[87] (WO2015/078701)

[30] EP (13194419.1) 2013-11-26

[21] **2,931,374**
[13] A1

[51] **Int.Cl. F01D 9/04 (2006.01) F01D 17/16 (2006.01) F04D 27/02 (2006.01) F04D 29/56 (2006.01)**

[25] FR

[54] **DEVICE FOR GUIDING SYNCHRONIZING RING VANES WITH VARIABLE PITCH ANGLE OF A TURBINE ENGINE AND METHOD FOR ASSEMBLING SUCH A DEVICE**

[54] **DISPOSITIF DE GUIDAGE D'AUBES DE REDRESSEUR A ANGLE DE CALAGE VARIABLE DE TURBOMACHINE ET PROCEDE D'ASSEMBLAGE D'UN TEL DISPOSITIF**

[72] MOUTON, CLEMENTINE CHARLOTTE MARIE, FR

[72] BELMONTE, OLIVIER, FR

[71] SNECMA, FR

[85] 2016-05-24

[86] 2014-11-19 (PCT/FR2014/052958)

[87] (WO2015/079144)

[30] FR (1361878) 2013-11-29

[21] **2,931,375**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/01 (2006.01) E21B 25/00 (2006.01)**

[25] EN

[54] **METHOD OF FILLING A CORING TOOL INNER BARREL WITH A CORING FLUID**

[54] **PROCEDE DE REMPLISSAGE D'UN TUBE INTERNE D'OUTIL DE CAROTTAGE AVEC UN FLUIDE DE CAROTTAGE**

[72] DELMAR, LUDOVIC, BE

[72] EVANS, BENJAMIN LLYWELYN, BE

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-05-20

[86] 2013-12-24 (PCT/US2013/077638)

[87] (WO2015/099695)

[21] **2,931,376**
[13] A1

[51] **Int.Cl. B04C 5/13 (2006.01) B04C 5/26 (2006.01)**

[25] EN

[54] **INTEGRATED CYCLONE ASSEMBLY**

[54] **ENSEMBLE DE CYCLONE INTEGRE**

[72] TAMMERA, ROBERT FRANK, US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2016-05-20

[86] 2014-10-20 (PCT/US2014/061300)

[87] (WO2015/084502)

[30] US (14/097,522) 2013-12-05

[21] **2,931,377**
[13] A1

[51] **Int.Cl. A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/11 (2006.01) A61B 5/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR OBTAINING PULSE TRANSIT TIME AND/OR PULSE WAVE VELOCITY INFORMATION OF A SUBJECT**

[54] **DISPOSITIF ET PROCEDE POUR OBTENIR DES INFORMATIONS DE TEMPS DE TRANSIT DU POULS ET/OU DE VITESSE DE L'ONDE DU POULS D'UN SUJET**

[72] KIRENKO, IHOR OLEHOVYCH, NL

[71] KONINKLIJKE PHILIPS N.V., NL

[85] 2016-05-24

[86] 2014-11-19 (PCT/EP2014/074950)

[87] (WO2015/078735)

[30] EP (13194603.0) 2013-11-27

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[13] A1

[51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/08 (2009.01) H04W 4/22 (2009.01) H04W 60/00 (2009.01) H04W 84/08 (2009.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR ENABLING ROAMING RADIOS TO OPERATE IN DIFFERENT SYSTEMS DURING AN INCIDENT EVENT**

[54] **APPAREIL ET PROCÉDE POUR PERMETTRE A DES RADIOS ITINÉRANTES DE FONCTIONNER DANS DIFFÉRENTS SYSTÈMES AU COURS D'UN ÉVÈNEMENT D'INCIDENT**

[72] OO, MYO TUN, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-05-20
[86] 2014-11-10 (PCT/US2014/064778)
[87] (WO2015/077069)
[30] US (14/085,163) 2013-11-20

[21] **2,931,379**
[13] A1

[51] **Int.Cl. C11D 17/00 (2006.01)**

[25] EN

[54] **HEAT TRANSFER COMPOSITIONS OF HYDROFLUOROCARBONS AND A TETRAFLUOROPROPENE**

[54] **COMPOSITIONS DE TRANSFERT THERMIQUE A BASE D'HYDROFLUOROCARBONES ET D'UN TETRAFLUOROPROPENE**

[72] VAN HORN, BRETT L., US
[71] ARKEMA INC., US
[85] 2016-05-20
[86] 2014-11-14 (PCT/US2014/065610)
[87] (WO2015/077134)
[30] US (61/908,276) 2013-11-25

[21] **2,931,380**
[13] A1

[51] **Int.Cl. B32B 7/06 (2006.01) B32B 27/30 (2006.01)**

[25] EN

[54] **FLOORING PRODUCT WITH GROUTING BARRIER**

[54] **PRODUIT DE REVÊTEMENT DE SOL AVEC BARRIÈRE CONTRE LE MORTIER**

[72] ANSPACH, KEAN M., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2016-05-20
[86] 2014-11-14 (PCT/US2014/065686)
[87] (WO2015/077146)
[30] US (14/088,047) 2013-11-22

[21] **2,931,381**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61B 3/103 (2006.01) A61B 3/113 (2006.01)**

[25] EN

[54] **AUTOMATED DETECTION OF EYE ALIGNMENT**

[54] **DETECTION AUTOMATISÉE D'UN ALIGNEMENT DES YEUX**

[72] BAILEY, MELISSA DIANE, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2016-05-05
[86] 2014-11-07 (PCT/US2014/064555)
[87] (WO2015/070023)
[30] US (61/901,432) 2013-11-07

[21] **2,931,382**
[13] A1

[51] **Int.Cl. C08L 23/10 (2006.01) C08L 53/00 (2006.01) C08L 95/00 (2006.01) D06N 5/00 (2006.01) E04D 5/10 (2006.01)**

[25] EN

[54] **WATERPROOFING MEMBRANES COMPRISING PETCOKE AND METHOD OF PRODUCTION**

[54] **MEMBRANES D'IMPERMÉABILISATION COMPRENANT DU COKE DE PÉTROLE ET PROCÉDE DE PRODUCTION**

[72] MINOT, MICKAEL, FR
[71] ICOPAL DANMARK A/S, DK
[85] 2016-05-24
[86] 2014-11-27 (PCT/EP2014/075740)
[87] (WO2015/078944)
[30] EP (13194810.1) 2013-11-28

[21] **2,931,383**
[13] A1

[51] **Int.Cl. H04B 10/114 (2013.01) H04B 10/116 (2013.01) G08C 23/04 (2006.01)**

[25] EN

[54] **INNOVATIVE OPERATION ROOM LIGHT SYSTEM CAPABLE OF WIRELESS DATA EXCHANGE BETWEEN OPERATING ROOM DEVICES**

[54] **SYSTÈME D'ÉCLAIRAGE DE SALLE D'OPÉRATION NOVATEUR CAPABLE D'ÉCHANGER DES DONNÉES SANS FIL ENTRE DES DISPOSITIFS DE SALLE D'OPÉRATION**

[72] SCHMIDT, MICHAEL, CA
[72] KUNZ, REINER, DE
[71] SCHMIDT, MICHAEL, CA
[71] KUNZ, REINER, DE
[85] 2016-05-24
[86] 2014-11-25 (PCT/EP2014/075592)
[87] (WO2015/075276)
[30] DE (10 2013 113 023.2) 2013-11-25

[21] **2,931,384**
[13] A1

[51] **Int.Cl. A61D 1/02 (2006.01)**

[25] EN

[54] **HOLDER APPARATUS FOR AVIAN BIRDS, AND ASSOCIATED METHOD**

[54] **APPAREIL DE RETENUE POUR OISEAUX ET PROCÉDE ASSOCIÉ**

[72] SAMSON, WILLIAM DOUGLAS, US
[72] KENNEDY, DANIEL LEE, US
[71] ZOETIS SERVICES LLC, US
[85] 2016-05-20
[86] 2014-11-20 (PCT/US2014/066581)
[87] (WO2015/077437)
[30] US (61/908,197) 2013-11-25
[30] US (62/038,904) 2014-08-19

[21] **2,931,385**
[13] A1

[51] **Int.Cl. E01D 19/06 (2006.01)**

[25] EN

[54] **BRIDGING DEVICE**

[54] **DISPOSITIF D'ENJAMBEMENT**

[72] BRAUN, CHRISTIAN, DE
[71] MAURER SOHNE ENGINEERING GMBH & CO. KG, DE
[85] 2016-05-24
[86] 2014-11-27 (PCT/EP2014/075856)
[87] (WO2015/078991)
[30] DE (10 2013 224 460.6) 2013-11-28

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[21] **2,931,386**
[13] A1

[51] **Int.Cl. G06K 9/36 (2006.01) G06T 9/00 (2006.01)**
[25] EN
[54] **ADVANCED SCREEN CONTENT CODING SOLUTION**
[54] **SOLUTION AVANCEE POUR LE CODAGE DU CONTENU D'UN D'ECRAN**
[72] MA, ZHAN, US
[72] WANG, WEI, US
[72] YU, HAOPING, US
[72] WANG, XIAN, US
[72] YE, JING, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-05-20
[86] 2014-11-24 (PCT/US2014/067155)
[87] (WO2015/077720)
[30] US (61/907,903) 2013-11-22
[30] US (14/549,405) 2014-11-20

[21] **2,931,387**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C07H 21/02 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **DROUGHT TOLERANT PLANTS**
[54] **PLANTES RESISTANTES A LA SECHERESSE**
[72] SONG, WEN-YUAN, US
[72] CHEN, XIUHUA, US
[72] HUANG, XIAOEN, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2016-05-20
[86] 2014-11-25 (PCT/US2014/067279)
[87] (WO2015/081061)
[30] US (61/909,358) 2013-11-26

[21] **2,931,388**
[13] A1

[51] **Int.Cl. B64D 41/00 (2006.01) B64D 43/00 (2006.01) B64D 47/06 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR OPTIMIZED PRODUCTION OF NON-PROPULSIVE ENERGY**
[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION OPTIMISEE D'ENERGIE NON PROPULSIVE**
[72] RIDEAU, JEAN-FRANCOIS, FR
[72] VAILLANT, STEPHANE, FR
[71] MICROTURBO, FR
[85] 2016-05-24
[86] 2014-11-25 (PCT/FR2014/053018)
[87] (WO2015/079155)
[30] FR (1361711) 2013-11-27

[21] **2,931,389**
[13] A1

[51] **Int.Cl. C08C 19/38 (2006.01) B32B 27/08 (2006.01) B65D 81/26 (2006.01) C08F 36/06 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) C08G 81/02 (2006.01) C08J 5/18 (2006.01) C08K 5/098 (2006.01) C08L 87/00 (2006.01)**
[25] EN
[54] **EPOXY-TERMINATED POLYBUTADIENE AS OXYGEN SCAVENGER**
[54] **POLYBUTADIENE A TERMINAISON EPOXY UTILISE COMME FIXATEUR D'OXYGENE**
[72] HABERKORN, NIKO, DE
[72] DENKINGER, PETER, DE
[72] NORDHOFF, STEFAN, DE
[72] NUMRICH, UWE, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-05-24
[86] 2014-12-03 (PCT/EP2014/076377)
[87] (WO2015/086391)
[30] DE (10 2013 225 703.1) 2013-12-12

[21] **2,931,390**
[13] A1

[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/65 (2006.01) C08G 18/66 (2006.01) C08G 18/69 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **POLYURETHANE ELASTOMERIC COMPOSITION AND METHOD OF PREPARING THE SAME**
[54] **COMPOSITION ELASTOMERE DE POLYURETHANNE ET SON PROCEDE DE PREPARATION**
[72] JONES, CHARLES E., JR., US
[72] GUST, KARL R., US
[71] BASF SE, DE
[85] 2016-05-20
[86] 2014-11-25 (PCT/US2014/067309)
[87] (WO2015/081068)
[30] US (61/909,110) 2013-11-26

[21] **2,931,392**
[13] A1

[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/06 (2006.01) A61K 8/60 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01)**
[25] FR
[54] **NOVEL EMULSIFYING COMPOSITION WITH CATIONIC NATURE**
[54] **NOUVELLE COMPOSITION EMULSIONNANTE A CARACTERE CATIONIQUE**
[72] PERUSSE, DIMITRI, FR
[72] BENVEGNO, THIERRY, FR
[72] LEMIEGRE, LOIC, FR
[72] GUILBOT, JEROME, FR
[72] ROLLAND, HERVE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] L'ECOLE NATIONALE SUPERIEURE DE CHIMIE DE RENNES, FR
[85] 2016-05-24
[86] 2014-11-26 (PCT/EP2014/075617)
[87] (WO2015/078890)
[30] FR (1361770) 2013-11-28

[21] **2,931,393**
[13] A1

[51] **Int.Cl. F01L 13/06 (2006.01) F01L 1/18 (2006.01) F01L 1/26 (2006.01)**
[25] EN
[54] **COMPRESSION-RELEASE ENGINE BRAKE SYSTEM FOR LOST MOTION ROCKER ARM ASSEMBLY AND METHOD OF OPERATION THEREOF**
[54] **SYSTEME DE FREIN MOTEUR DE DECOMPRESSION POUR RAMPE DE CULBUTEURS A PERTE DE MOUVEMENT ET PROCEDE DE FONCTIONNEMENT DE CELUI-CI**
[72] MENEELY, VINCENT, CA
[72] PRICE, ROBERT, US
[71] PACBRAKE COMPANY, US
[85] 2016-05-20
[86] 2014-11-25 (PCT/US2014/067349)
[87] (WO2015/077762)
[30] US (61/908,272) 2013-11-25
[30] US (62/001,392) 2014-05-21

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[21] **2,931,394**
[13] A1

[51] **Int.Cl. B05D 7/14 (2006.01) B05D 7/16 (2006.01) C08G 18/68 (2006.01) C08G 63/52 (2006.01) C08K 5/5435 (2006.01) C08L 67/06 (2006.01) C09D 167/06 (2006.01) C09D 175/06 (2006.01)**

[25] EN

[54] **ADHESION PROMOTER FOR SOLVENTBORNE PRIMER SURFACERS**

[54] **AGENT ADHESIF POUR CHARGE A BASE DE SOLVANT**

[72] ANDERSEN, AUDREE, DE
[72] CORTEN, CATHRIN, DE
[72] NIEMEIER, MANUELA, DE
[72] FOELLING, FREDERIK, DE
[72] HESENER, SIMONE, DE
[72] FREITAG, NICOLE, DE
[72] BOSHE-PLOIS, STEFANIE, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-05-24
[86] 2014-12-17 (PCT/EP2014/078248)
[87] (WO2015/091662)
[30] EP (13197695.3) 2013-12-17

[21] **2,931,395**
[13] A1

[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/06 (2006.01) A61K 8/60 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01)**

[25] FR

[54] **COMPOSITION OF ALKYL POLYGLUCOSIDES AND FATTY ESTERS OF CATIONIC AMINO ACIDS**

[54] **COMPOSITION D'ALKYL POLYGLUCOSIDES ET D'ESTERS GRAS D'AMINOACIDES CATIONISES**

[72] PERUSSE, DIMITRI, FR
[72] BENVENU, THIERRY, FR
[72] GUILBOT, JEROME, FR
[72] ROLLAND, HERVE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] L'ECOLE NATIONALE SUPERIEURE DE CHIMIE DE RENNES, FR
[85] 2016-05-24
[86] 2014-11-26 (PCT/EP2014/075620)
[87] (WO2015/078893)
[30] FR (1361772) 2013-11-28

[21] **2,931,396**
[13] A1

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

[25] EN

[54] **METHODS OF TREATING A TAUOPATHY**

[54] **METHODES DE TRAITEMENT D'UNE THAUOPATHIE**

[72] GRISWOLD-PRENNER, IRENE, US
[72] PARRY, GRAHAM, US
[71] IPIERIAN, INC., US
[85] 2016-05-20
[86] 2014-11-25 (PCT/US2014/067360)
[87] (WO2015/081085)
[30] US (61/909,965) 2013-11-27

[21] **2,931,397**
[13] A1

[51] **Int.Cl. C08G 18/68 (2006.01) C08G 18/71 (2006.01) C08G 63/52 (2006.01) C08G 63/54 (2006.01) C08G 63/56 (2006.01) C08G 63/58 (2006.01) C08G 63/91 (2006.01)**

[25] EN

[54] **ADHESION PROMOTER FOR SOLVENTBORNE CLEARCOAT MATERIALS**

[54] **AGENT ADHESIF POUR LAQUE TRANSPARENTE A BASE DE SOLVANT**

[72] ANDERSEN, AUDREE, DE
[72] FEIGL, ANDREAS, DE
[72] CORTEN, CATHRIN, DE
[72] RAKA, FATMIR, DE
[72] NIEMEIER, MANUELA, DE
[72] FREITAG, NICOLE, DE
[72] BOSHE-PLOIS, STEFANIE, DE
[72] WEIHER, CHRISTIAN, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-05-24
[86] 2014-12-17 (PCT/EP2014/078249)
[87] (WO2015/091663)
[30] EP (13197704.3) 2013-12-17

[21] **2,931,398**
[13] A1

[51] **Int.Cl. H04L 27/26 (2006.01) H04L 25/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RADIO FREQUENCY CARRIER AGGREGATION**

[54] **SYSTEME ET PROCEDE D'AGREGATION DE PORTEUSES RADIOELECTRIQUES**

[72] TERRY, JOHN DAVID, US
[71] PLUSN, LLC, US
[85] 2016-05-20
[86] 2014-11-25 (PCT/US2014/067426)
[87] (WO2015/081107)
[30] US (61/909,252) 2013-11-26

[21] **2,931,399**
[13] A1

[51] **Int.Cl. H01S 3/30 (2006.01)**

[25] EN

[54] **SAGNAC LOOP MIRROR BASED LASER CAVITY ON SILICON PHOTONICS PLATFORM**

[54] **CAVITE LASER A MIROIR A BOUCLE DE SAGNAC SUR PLATE-FORME PHOTONIQUE AU SILICIUM**

[72] ZHANG, YI, US
[72] YANG, SHUYU, US
[72] HOCHBERG, MICHAEL, J., US
[72] BAHR-JONES, THOMAS, US
[71] CORIANT ADVANCED TECHNOLOGY, LLC, US
[85] 2016-05-20
[86] 2014-11-20 (PCT/US2014/066657)
[87] (WO2015/077472)
[30] US (61/906,529) 2013-11-20

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[21] **2,931,400**
[13] A1

[51] **Int.Cl. C07C 17/20 (2006.01) C07C 17/383 (2006.01) C07C 19/12 (2006.01)**

[25] FR

[54] **PROCESS FOR PRODUCING 1-CHLORO-2,2-DIFLUOROETHANE**

[54] **PROCEDE DE FABRICATION DU 1-CHLORO-2,2-DIFLUOROETHANE**

[72] BONNET, PHILIPPE, FR

[72] COLLIER, BERTRAND, FR

[72] GARRAIT, DOMINIQUE, FR

[72] SEDAT, PIERRE-MARIE, FR

[71] ARKEMA FRANCE, FR

[85] 2016-05-24

[86] 2014-11-28 (PCT/FR2014/053083)

[87] (WO2015/082812)

[30] FR (13.62095) 2013-12-04

[21] **2,931,401**
[13] A1

[51] **Int.Cl. C08J 5/18 (2006.01)**

[25] EN

[54] **HIGH PERFORMANCE CAST POWER STRETCH FILMS WITH ENHANCED APPLICATION AND END-USE PROPERTIES**

[54] **FILMS MOULES ETIRABLES GENERATEURS DE COURANT HAUTE PERFORMANCE AUX PROPRIETES AMELIOREES EN MATIERE D'APPLICATION ET D'UTILISATION FINALE**

[72] PIRTLE, SHAUN EUGENE, US

[71] PARAGON FILMS, INC., US

[85] 2016-05-20

[86] 2014-11-24 (PCT/US2014/067131)

[87] (WO2015/077711)

[30] US (61/907,658) 2013-11-22

[30] US (14/551,673) 2014-11-24

[21] **2,931,402**
[13] A1

[51] **Int.Cl. A47J 27/04 (2006.01)**

[25] FR

[54] **METHOD AND APPLIANCE FOR HEATING AND/OR COOKING FOODS WITH STEAM**

[54] **PROCEDE ET APPAREIL DE CHAUFFAGE ET/OU DE CUISSON D'ALIMENTS A LA VAPEUR**

[72] VALANCE, NICOLAS, FR

[72] BLOND, LAURENT, FR

[71] SEB S.A., FR

[85] 2016-05-24

[86] 2014-12-10 (PCT/FR2014/053251)

[87] (WO2015/086989)

[30] FR (1362546) 2013-12-13

[21] **2,931,403**
[13] A1

[51] **Int.Cl. A61L 2/00 (2006.01) A61L 2/24 (2006.01) A61L 9/00 (2006.01)**

[25] EN

[54] **SYSTEMS WHICH DETERMINE OPERATING PARAMETERS AND DISINFECTION SCHEDULES FOR GERMICIDAL DEVICES AND GERMICIDAL LAMP APPARATUS INCLUDING LENS SYSTEMS**

[54] **SYSTEMES DE DEFINITION DES PARAMETRES DE FONCTIONNEMENT ET DES PROGRAMMES DE DESINFECTION DESTINES A DES DISPOSITIFS GERMICIDES ET DES APPAREILS A LAMPES GERMICIDES COMPRENANT DES SYSTEMES DE LENTILLE**

[72] STIBICH, MARK A., US

[72] CARPENTER, P. KEVIN, US

[71] XENEX DISINFECTION SERVICES, LLC, US

[71] STIBICH, MARK A., US

[71] CARPENTER, P. KEVIN, US

[85] 2016-05-24

[86] 2012-12-06 (PCT/US2012/068216)

[87] (WO2014/088580)

[30] US (13/706,926) 2012-12-06

[21] **2,931,404**
[13] A1

[51] **Int.Cl. A47J 27/04 (2006.01)**

[25] FR

[54] **ELECTRICAL APPLIANCE FOR THE STEAM-HEATING AND/OR - COOKING OF FOOD**

[54] **APPAREIL ELECTRIQUE DE CHAUFFAGE ET/OU DE CUISSON D'ALIMENTS A LA VAPEUR**

[72] BLOND, LAURENT, FR

[71] SEB S.A., FR

[85] 2016-05-24

[86] 2014-12-10 (PCT/FR2014/053252)

[87] (WO2015/086990)

[30] FR (1362545) 2013-12-13

[21] **2,931,405**
[13] A1

[51] **Int.Cl. C08K 3/00 (2006.01) C08K 3/24 (2006.01) C08K 3/32 (2006.01) C08K 5/09 (2006.01) C09K 21/02 (2006.01) C09K 21/04 (2006.01) D06M 11/00 (2006.01)**

[25] EN

[54] **FIRE-RESISTANT CELLULOSE MATERIAL**

[54] **MATERIAU DE CELLULOSE RESISTANT AU FEU**

[72] SHUTT, THOMAS C., US

[71] NATURE TECH LLC, US

[85] 2016-05-24

[86] 2013-11-25 (PCT/US2013/071697)

[87] (WO2015/076842)

[21] **2,931,406**
[13] A1

[51] **Int.Cl. B29C 35/08 (2006.01) B29C 55/22 (2006.01)**

[25] EN

[54] **TUBULAR WAVEGUIDE APPLICATOR**

[54] **APPLICATEUR DE GUIDE D'ONDES TUBULAIRE**

[72] WILBER, WILLIAM D., US

[72] SHUPING, DONALD B., US

[71] INDUSTRIAL MICROWAVE SYSTEMS, L.L.C., US

[85] 2016-05-24

[86] 2014-10-20 (PCT/US2014/061341)

[87] (WO2015/080812)

[30] US (14/091,039) 2013-11-26

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[21] **2,931,407**
[13] A1

[51] **Int.Cl. G10L 15/30 (2013.01) H04L 5/00 (2006.01)**
[25] EN
[54] **MULTI-PATH AUDIO PROCESSING**
[54] **TRAITEMENT AUDIO A CHEMINS MULTIPLES**
[72] OOI, LENG, US
[72] EASH, AARON MATTHEW, US
[72] REID, DYLAN, US
[71] GOOGLE INC., US
[85] 2016-05-24
[86] 2014-11-13 (PCT/US2014/065405)
[87] (WO2015/084560)
[30] US (14/095,181) 2013-12-03

[21] **2,931,408**
[13] A1

[51] **Int.Cl. E21B 10/56 (2006.01) E21B 10/46 (2006.01) E21B 10/567 (2006.01)**
[25] EN
[54] **MULTILEVEL FORCE BALANCED DOWNHOLE DRILLING TOOLS INCLUDING CUTTING ELEMENTS IN A TRACK-SET CONFIGURATION**
[54] **OUTILS DE FORAGE DE FOND DE TROU A FORCES EQUILIBREES A NIVEAUX MULTIPLES COMPRENANT DES ELEMENTS DE COUPE DANS UNE CONFIGURATION D'ETABLISSEMENT DE PISTE**
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-24
[86] 2013-12-26 (PCT/US2013/077742)
[87] (WO2015/099717)

[21] **2,931,409**
[13] A1

[51] **Int.Cl. F25J 3/02 (2006.01) F25J 3/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING HYDROCARBONS AND CONTAMINANTS WITH A SPRAY ASSEMBLY**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION D'HYDROCARBURES ET DE CONTAMINANTS AU MOYEN D'UN ENSEMBLE DE PULVERISATION**
[72] VALENCIA, JAIME A., US
[72] MAHER, DAVID W., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-05-24
[86] 2014-10-17 (PCT/US2014/061002)
[87] (WO2015/084494)
[30] US (61/912,957) 2013-12-06
[30] US (62/044,770) 2014-09-02

[21] **2,931,429**
[13] A1

[51] **Int.Cl. C12N 9/12 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **PEPTIDES DERIVED FROM GSE24.2 FOR TREATING DISEASES CAUSED BY OXIDATIVE STRESS AND DAMAGE TO DNA**
[54] **PEPTIDES DERIVES DE GSE24.2 POUR TRAITER DES MALADIES ENGENDREES PAR LE STRESS OXYDATIF ET LES DOMMAGES A L'ADN**
[72] PERONA ABELLON, ROSARIO, ES
[72] SASTRE GARZON, LEANDRO, ES
[72] PINTADO BERNINCHES, LAURA, ES
[72] CARRILLO GARCIA, JAIME, ES
[72] MOLINA PACHON, ANTONIO, ES
[72] IRRADICCIO SILVA, LAURA, ES
[72] MANGUAN GARCIA, CRISTINA, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] UNIVERSIDAD AUTONOMA DE MADRID, ES
[71] ADVANCED MEDICAL PROJECTS, ES
[71] CENTRO DE INVESTIGACION BIOMEDICA EN RED (CIBER), ES
[85] 2016-05-24
[86] 2014-10-24 (PCT/ES2014/070803)
[87] (WO2015/059338)
[30] ES (P201331573) 2013-10-25

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[21] **2,931,430**
[13] A1

[51] **Int.Cl. C07D 249/12 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF LESINURAD AND ITS SODIUM SALT**
[54] **FORMES CRISTALLINES DE LESINURAD ET SON SEL DE SOUDE**
[72] CHEN, MINHUA, US
[72] ZHANG, YANFENG, CN
[72] YANG, CHAOHUI, CN
[72] ZHANG, XIAOYU, CN
[72] WANG, PENG, US
[72] LI, PIXU, US
[71] CRYSTAL PHARMATECH CO., LTD., CN
[71] SUZHOU PENGXU PHARMATECH CO., LTD., CN
[85] 2016-05-24
[86] 2014-11-20 (PCT/IB2014/003077)
[87] (WO2015/075561)
[30] CN (201310597329.6) 2013-11-22
[30] CN (201310633354.5) 2013-12-02
[30] CN (201410659325.0) 2014-11-19
[30] CN (201410660068.2) 2014-11-19

[21] **2,931,431**
[13] A1

[51] **Int.Cl. A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMBINATION OF A PI3K INHIBITOR AND A BTK INHIBITOR**
[54] **ASSOCIATION THERAPEUTIQUE D'UN INHIBITEUR DE PI3K ET D'UN INHIBITEUR DE BTK**
[72] HAMDY, AHMED, US
[72] ROTHBAUM, WAYNE, US
[72] IZUMI, RAQUEL, US
[72] LANNUTTI, BRIAN, US
[72] COVEY, TODD, US
[72] ULRICH, ROGER, US
[72] JOHNSON, DAVE, US
[72] BARF, TJEERD, NL
[72] KAPTEIN, ALLARD, NL
[71] ACERTA PHARMA B.V., NL
[85] 2016-05-24
[86] 2014-12-05 (PCT/IB2014/003121)
[87] (WO2015/083008)
[30] US (61/912,515) 2013-12-05
[30] US (61/974,665) 2014-04-03
[30] US (62/035,777) 2014-08-11

[21] **2,931,432**
[13] A1

[51] **Int.Cl. A61F 13/26 (2006.01) A61L 15/62 (2006.01)**
[25] EN
[54] **THERMOPLASTIC AND WATER-DISPERSIBLE INJECTION MOLDABLE MATERIALS AND ARTICLES**
[54] **MATIERES THERMOPLASTIQUES ET HYDRODISPERSABLES MOULABLES PAR INJECTION ET ARTICLES**
[72] WANG, JAMES H., US
[72] WIDEMAN, GREGORY J., US
[72] DEMARCO, ALPHONSE CARL, US
[72] PICKETT, AUSTIN, US
[72] MLEZIVA, MARK M., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2016-05-24
[86] 2014-09-29 (PCT/IB2014/064934)
[87] (WO2015/079338)
[30] US (14/092,087) 2013-11-27

[21] **2,931,433**
[13] A1

[51] **Int.Cl. A61B 5/0428 (2006.01) A61B 5/0424 (2006.01) A61G 11/00 (2006.01)**
[25] EN
[54] **ELECTROCARDIOGRAPHY MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'ELECTROCARDIOGRAPHIE**
[72] ATALLAH, LOUIS NICOLAS, NL
[72] MEFTAH, MOHAMMED, NL
[72] SCHELLEKENS, MARTIJN, NL
[72] SERTEYN, ALINE ANNE MARIE, NL
[72] VULLINGS, RIK, NL
[72] BERGMANS, JAN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[71] TECHNISCHE UNIVERSITEIT EINDHOVEN, NL
[85] 2016-05-24
[86] 2014-11-24 (PCT/IB2014/066281)
[87] (WO2015/075692)
[30] US (61/908,193) 2013-11-25

[21] **2,931,436**
[13] A1

[51] **Int.Cl. A47C 21/00 (2006.01) A47C 31/00 (2006.01) A61M 21/00 (2006.01)**
[25] EN
[54] **POLIFUNCTIONAL BED**
[54] **LIT POLYFONCTIONNEL**
[72] BIANCOFIORE, ROBERTO, IT
[71] INNERSEE S.R.L., IT
[85] 2016-05-24
[86] 2014-11-25 (PCT/IB2014/066318)
[87] (WO2015/079381)
[30] IT (TO2013A000959) 2013-11-26

[21] **2,931,439**
[13] A1

[51] **Int.Cl. A61K 38/28 (2006.01) A61K 47/48 (2006.01) C07K 14/62 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **BIOLOGICALLY ACTIVE INSULIN DERIVATIVES**
[54] **DERIVES D'INSULINE BIOLOGIQUEMENT ACTIFS**
[72] BARLOS, KLEOMENIS, GR
[72] GATOS, DIMITRIOS, GR
[72] BARLOS, KOSTAS, GR
[72] ZIOVAS, MICHAEL, GR
[71] CHEMICAL & BIOPHARMACEUTICAL LABORATORIES OF PATRAS SA, GR
[85] 2016-05-24
[86] 2014-12-04 (PCT/IB2014/066588)
[87] (WO2015/083114)
[30] GB (1321489.5) 2013-12-05

[21] **2,931,442**
[13] A1

[51] **Int.Cl. A61G 7/00 (2006.01)**
[25] EN
[54] **BED**
[54] **LIT**
[72] SASON, ALBERT, IL
[71] SASON, ALBERT, IL
[85] 2016-05-24
[86] 2015-01-20 (PCT/IB2015/050437)
[87] (WO2015/092782)
[30] IL (230084) 2013-12-22

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[21] **2,931,444**
[13] A1

[51] **Int.Cl. F04C 14/24 (2006.01) F01M 1/02 (2006.01) F04C 2/344 (2006.01)**
[25] EN
[54] **VARIABLE DISPLACEMENT VANE PUMP WITH THERMO-COMPENSATION**
[54] **POMPE A PALETTES A DEPLACEMENT VARIABLE AVEC THERMO-COMPENSATION**
[72] ARNOLD, MANFRED, DE
[72] KUTZER, HANS PETER, DE
[72] VALKENBERG, RALPH, DE
[71] STACKPOLE INTERNATIONAL ENGINEERED PRODUCTS, LTD., CA
[85] 2016-05-24
[86] 2015-09-03 (PCT/IB2015/056723)
[87] (WO2016/035033)
[30] US (14/477,620) 2014-09-04

[21] **2,931,446**
[13] A1

[51] **Int.Cl. F16K 27/07 (2006.01)**
[25] EN
[54] **FRANGIBLE CLOSURE COUPLING FOR LIQUID NATURAL GAS TANK**
[54] **ACCOUPEMENT DE FERMETURE FRANGIBLE POUR RESERVOIR DE GAZ NATUREL LIQUIDE**
[72] DRUBE, TOM, US
[71] CHART INC., US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067448)
[87] (WO2015/077785)
[30] US (61/908,659) 2013-11-25
[30] US (61/908,648) 2013-11-25
[30] US (61/908,632) 2013-11-25
[30] US (61/908,594) 2013-11-25
[30] US (61/909,884) 2013-11-27
[30] US (61/909,567) 2013-11-27

[21] **2,931,448**
[13] A1

[51] **Int.Cl. F02M 21/02 (2006.01)**
[25] EN
[54] **MULTIMODE GAS DELIVERY FOR RAIL TENDER**
[54] **DISTRIBUTION DE GAZ MULTIMODE POUR RAMPE D'INJECTION ANNEXE**
[72] JOHNSON, TERRY, US
[72] DRUBE, TOM, US
[71] CHART INC., US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067451)
[87] (WO2015/077787)
[30] US (61/908,659) 2013-11-25
[30] US (61/908,632) 2013-11-25
[30] US (61/908,648) 2013-11-25
[30] US (61/908,594) 2013-11-25
[30] US (61/909,884) 2013-11-27
[30] US (61/909,567) 2013-11-27

[21] **2,931,450**
[13] A1

[51] **Int.Cl. A01N 57/20 (2006.01) A01N 57/22 (2006.01)**
[25] EN
[54] **NITRIFICATION INHIBITORS DESIGNED FOR UREA AND MANURE BASED FERTILIZERS**
[54] **INHIBITEURS DE NITRIFICATION D'UREE ET D'ENGRAIS A BASE DE FUMIER**
[72] MCKNIGHT, GARY DAVID, US
[72] RAYBORN, RANDALL LINWOOD, US
[72] PARKER, DAVID BRUCE, US
[72] XU, WEI, US
[72] YANG, ZEHUI, CN
[72] PERKINS, RAYMOND PATRICK, US
[72] SEMPLE, ANDREW MICHAEL, US
[71] MCKNIGHT, GARY DAVID, US
[71] RAYBORN, RANDALL LINWOOD, US
[71] PARKER, DAVID BRUCE, US
[71] XU, WEI, US
[71] YANG, ZEHUI, CN
[71] PERKINS, RAYMOND PATRICK, US
[71] SEMPLE, ANDREW MICHAEL, US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067453)
[87] (WO2015/081116)
[30] US (61/909,129) 2013-11-26

[21] **2,931,453**
[13] A1

[51] **Int.Cl. A47C 27/10 (2006.01)**
[25] EN
[54] **WELDING PROCESS AND PRODUCT FOR INFLATABLE PRODUCT**
[54] **PROCEDE ET PRODUIT DE SOUDAGE POUR PRODUIT GONFLABLE**
[72] LIN, HUA HSIANG, CN
[72] HSU, YAW YUAN, CN
[71] INTEX MARKETING LTD., VG
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067457)
[87] (WO2015/077788)
[30] CN (201310598878.5) 2013-11-25

[21] **2,931,456**
[13] A1

[51] **Int.Cl. G06F 21/57 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A SECURITY ASSET MANAGER**
[54] **SYSTEME ET PROCEDE POUR UN GESTIONNAIRE EN MATIERE DE SECURITE**
[72] DOCTOR, BRAD BERNAY, US
[72] FRALEY, TAYLOR, US
[72] ROMERO, DANIEL JOSEPH, US
[72] WENTWORTH, BRETT, US
[72] BERG, KESHAVA, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067469)
[87] (WO2015/077790)
[30] US (14/089,285) 2013-11-25

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[21] **2,931,458**
[13] A1

[51] **Int.Cl. A61K 31/7076 (2006.01) A61K 31/7052 (2006.01) A61K 31/706 (2006.01) A61K 31/7068 (2006.01) A61P 35/00 (2006.01) C07H 19/06 (2006.01) C07H 19/10 (2006.01) C07H 19/16 (2006.01) C07H 19/20 (2006.01)**

[25] EN
[54] **NUCLEOTIDES FOR THE TREATMENT OF LIVER CANCER**
[54] **NUCLEOTIDES POUR LE TRAITEMENT DU CANCER DU FOIE**

[72] DOUSSON, CYRIL B., FR
[72] DUKHAN, DAVID, FR
[72] PARSY, CHRISTOPHE CLAUDE, FR
[71] IDENIX PHARMACEUTICALS LLC, US

[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067485)
[87] (WO2015/081133)
[30] US (61/909,941) 2013-11-27

[21] **2,931,459**
[13] A1

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

[25] EN
[54] **ANCHOR ELEMENTS, MEDICAL DEVICES INCLUDING ONE OR MORE ANCHOR ELEMENTS AND RELATED ASSEMBLIES AND METHODS**
[54] **ELEMENTS D'ANCRAGE, DISPOSITIFS MEDICAUX COMPRENANT UN OU PLUSIEURS ELEMENTS D'ANCRAGE ET ENSEMBLES ET PROCEDES ASSOCIES**

[72] SHOEMAKE, JAMES, US
[72] RACZ, N. SANDOR, US
[71] CUSTOM MEDICAL APPLICATIONS, INC., US

[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067500)
[87] (WO2015/077796)
[30] US (61/908,603) 2013-11-25

[21] **2,931,461**
[13] A1

[51] **Int.Cl. B26B 21/48 (2006.01) B26B 21/22 (2006.01) B26B 21/40 (2006.01)**

[25] EN
[54] **HEATED SHAVING RAZOR HANDLE**
[54] **MANCHE DE RASOIR CHAUFFANT**

[72] HODGSON, MATTHEW JAMES, GB
[71] THE GILLETTE COMPANY, US

[85] 2016-05-24
[86] 2014-11-26 (PCT/US2014/067525)
[87] (WO2015/094615)
[30] US (61/918,901) 2013-12-20

[21] **2,931,467**
[13] A1

[51] **Int.Cl. B26B 21/48 (2006.01) B26B 21/22 (2006.01) B26B 21/40 (2006.01)**

[25] EN
[54] **HEATED SHAVING RAZOR HANDLE**
[54] **MANCHE DE RASOIR CHAUFFE**

[72] HODGSON, MATTHEW JAMES, GB
[71] THE GILLETTE COMPANY, US

[85] 2016-05-24
[86] 2014-11-26 (PCT/US2014/067526)
[87] (WO2015/094616)
[30] US (61/918,901) 2013-12-20

[21] **2,931,468**
[13] A1

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

[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING LOYALTY ENHANCED USER INTERFACE IN A FUEL DISPENSING ENVIRONMENT**
[54] **PROCEDE ET SYSTEME POUR FOURNIR UNE INTERFACE UTILISATEUR A FIDELITE AMELIOREE DANS UN ENVIRONNEMENT DE DISTRIBUTION DE CARBURANT**

[72] WILLIAMS, RODGER K., US
[72] JIANG, CHANGZHONG, US
[72] PAYNE, EDWARD A., US
[72] BOUCK, TRAVIS J., US
[71] GILBARCO INC., US

[85] 2016-05-24
[86] 2014-11-26 (PCT/US2014/067571)
[87] (WO2015/081172)
[30] US (61/909,053) 2013-11-26
[30] US (14/553,582) 2014-11-25

[21] **2,931,471**
[13] A1

[51] **Int.Cl. H01F 5/00 (2006.01) H01F 27/28 (2006.01) H01F 41/04 (2006.01)**

[25] EN
[54] **WIRELESS CHARGING COIL**
[54] **BOBINE DE CHARGE SANS FIL**

[72] KURZ, ARTHUR, US
[72] DUETSCH, BERNARD, US
[72] KURZ, JOSHUA, US
[71] A.K. STAMPING COMPANY, INC., US

[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067440)
[87] (WO2015/077782)
[30] US (61/908,573) 2013-11-25
[30] US (62/004,587) 2014-05-29
[30] US (14/470,381) 2014-08-27
[30] US (62/077,721) 2014-11-10

[21] **2,931,473**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) F17D 3/01 (2006.01) G06G 7/48 (2006.01)**

[25] EN
[54] **SLUG FLOW INITIATION IN FLUID FLOW MODELS**
[54] **AMORCAGE D'ECOULEMENT A BOUCHONS DANS DES MODELES D'ECOULEMENT DE FLUIDE**

[72] LAWRENCE, CHRISTOPHER JOHN, NO
[72] HU, BIN, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[71] INSTITUTT FOR ENERGITEKNIKK, NO

[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067442)
[87] (WO2015/077783)
[30] US (61/908,413) 2013-11-25
[30] US (14/552,054) 2014-11-24

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[21] **2,931,479**
[13] A1

[51] **Int.Cl. C21D 1/00 (2006.01) C23C 16/06 (2006.01) C23C 16/56 (2006.01)**

[25] EN

[54] **PRECIPITATION HARDENING OF TANTALUM COATED METALS**

[54] **DURCISSEMENT PAR PRECIPITATION DE METAUX RECOUVERTS DE TANTALE**

[72] WOODCRAFT, VALENTINA A., US

[72] LIENING, EUGENE L., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2016-05-24

[86] 2014-11-19 (PCT/US2014/066258)

[87] (WO2015/084586)

[30] US (61/910,563) 2013-12-02

[21] **2,931,480**
[13] A1

[51] **Int.Cl. A61B 18/02 (2006.01)**

[25] EN

[54] **SYSTEMS, METHODS, AND DEVICES HAVING STRETCHABLE INTEGRATED CIRCUITRY FOR SENSING AND DELIVERING THERAPY**

[54] **SYSTEMES, PROCEDES ET DISPOSITIFS A CIRCUITS INTEGRES ETIRABLES POUR LA DETECTION ET POUR L'ADMINISTRATION D'UNE THERAPIE**

[72] GHAFFARI, ROOZBEH, US

[71] MC10, INC., US

[85] 2016-05-24

[86] 2014-11-24 (PCT/US2014/067026)

[87] (WO2015/080991)

[30] US (14/093,329) 2013-11-29

[21] **2,931,482**
[13] A1

[51] **Int.Cl. F21V 13/00 (2006.01) H01S 3/23 (2006.01) H01S 5/40 (2006.01)**

[25] EN

[54] **SYSTEM FOR COMBINING LASER ARRAY OUTPUTS INTO A SINGLE BEAM CARRYING DIGITAL DATA**

[54] **SYSTEME DE COMBINAISONS DE SORTIES DE RESEAU LASER EN UN SEUL FAISCEAU VEHICULANT DES DONNEES NUMERIQUES**

[72] JOSEPH, JOHN R., US

[71] TRILUMINA CORP., US

[85] 2016-05-24

[86] 2014-11-20 (PCT/US2014/066725)

[87] (WO2015/077516)

[30] US (14/085,686) 2013-11-20

[21] **2,931,484**
[13] A1

[51] **Int.Cl. A61B 18/02 (2006.01)**

[25] EN

[54] **ACTION/COUNTERACTION SUPERIMPOSED DOUBLE CHAMBER, BROAD AREA TISSUE ABLATION DEVICE**

[54] **DISPOSITIF D'ABLATION DE TISSU POUR GRANDE ZONE, A DEUX CHAMBRES D'ACTION/CONTRE-ACTION SUPERPOSEES**

[72] SPERLING, JASON SCOTT, US

[71] PERSISTENT AFIB SOLUTIONS, INC., US

[85] 2016-05-24

[86] 2014-11-24 (PCT/US2014/067143)

[87] (WO2015/081019)

[30] US (61/909,218) 2013-11-26

[21] **2,931,486**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61J 3/07 (2006.01) A61K 9/70 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01)**

[25] EN

[54] **SUBLINGUAL CANNABIS DOSAGE FORM AND METHODS OF MAKING AND USING THE SAME**

[54] **FORME PHARMACEUTIQUE SUBLINGUALE DE CANNABIS ET SES PROCEDES DE FABRICATION ET D'UTILISATION**

[72] LINDSAY, SHANEL A., US

[72] MCKINNEY, LAURENCE O., US

[71] ARDENT LLC, US

[85] 2016-05-05

[86] 2014-11-05 (PCT/US2014/064121)

[87] (WO2015/069763)

[30] US (61/900,053) 2013-11-05

[30] US (61/980,391) 2014-04-16

[21] **2,931,489**
[13] A1

[51] **Int.Cl. A01N 33/12 (2006.01) A01N 25/04 (2006.01) A01N 37/42 (2006.01) A01P 21/00 (2006.01)**

[25] EN

[54] **READY MIX MICROEMULSION FORMULATION**

[54] **FORMULATION DE MICRO-EMULSION PRETE A L'EMPLOI**

[72] WINDREICH, SHLOMO, IL

[72] NAHMOUD, SERGIO, IL

[71] ADAMA CELSIUS B.V., AMSTERDAM (NL), SCHAFFHAUSEN BRANCH, CH

[85] 2016-05-18

[86] 2014-11-19 (PCT/IB2014/066160)

[87] (WO2015/075646)

[30] US (61/906,486) 2013-11-20

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[21] **2,931,492**
[13] A1

[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/58 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **GLYCYRRHETINIC ACID DERIVATIVE AND USE THEREOF**

[54] **DERIVE DE L'ACIDE GLYCYRRHETINIQUE ET SON UTILISATION**

[72] TAKEUCHI, HIDEYUKI, JP

[72] SUZUMURA, AKIO, JP

[71] INI CORPORATION, JP

[71] TAKEUCHI, HIDEYUKI, JP

[71] SUZUMURA, AKIO, JP

[85] 2016-05-24

[86] 2014-11-20 (PCT/JP2014/080732)

[87] (WO2015/076325)

[30] JP (2013-243130) 2013-11-25

[21] **2,931,494**
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) B21D 22/20 (2006.01) C21D 1/18 (2006.01) C21D 9/00 (2006.01) C21D 9/46 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01)**

[25] EN

[54] **HOT FORMED STEEL SHEET COMPONENT AND METHOD FOR PRODUCING THE SAME AS WELL AS STEEL SHEET FOR HOT FORMING**

[54] **ELEMENT DE FEUILLE D'ACIER FORMEE A CHAUD, SON PROCEDE DE PRODUCTION ET FEUILLE D'ACIER POUR FORMAGE A CHAUD**

[72] HAYASHI, KOUTAROU, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-05-24

[86] 2014-11-28 (PCT/JP2014/081514)

[87] (WO2015/080242)

[30] JP (2013-247814) 2013-11-29

[21] **2,931,495**
[13] A1

[51] **Int.Cl. F16L 15/06 (2006.01) F16L 15/00 (2006.01)**

[25] EN

[54] **THREADED CONNECTION**

[54] **RACCORD FILETE**

[72] DEHART, CODY ALLEN, US

[71] MARUBENI-ITochu TUBULARS AMERICA INC., US

[85] 2016-05-24

[86] 2014-12-15 (PCT/US2014/070329)

[87] (WO2015/095039)

[30] US (61/916,621) 2013-12-16

[21] **2,931,497**
[13] A1

[51] **Int.Cl. A61L 2/18 (2006.01)**

[25] EN

[54] **PORTABLE DECONTAMINATION UNIT**

[54] **UNITE DE DECONTAMINATION PORTABLE**

[72] LEIGHT, STEVEN D., US

[72] PEDERSEN, CAMERON J., US

[72] ZELINA, FRANCIS J., US

[71] AMERICAN STERILIZER COMPANY, US

[85] 2016-05-24

[86] 2014-12-17 (PCT/US2014/070826)

[87] (WO2015/102905)

[30] US (61/921,586) 2013-12-30

[30] US (14/572,985) 2014-12-17

[21] **2,931,498**
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01)**

[25] EN

[54] **PLUG FOR WELL DRILLING PROVIDED WITH DIAMETRICALLY EXPANDABLE ANNULAR RUBBER MEMBER FORMED FROM DEGRADABLE RUBBER MATERIAL**

[54] **BOUCHON DE FORAGE POURVU D'UN ELEMENT DE CAOUTCHOUC ANNULAIRE EXPANSIBLE DIAMETRALEMENT FORME A PARTIR DE MATIERE DE CAOUTCHOUC DEGRADABLE**

[72] OKURA, MASAYUKI, JP

[72] TAKAHASHI, TAKEO, JP

[71] KUREHA CORPORATION, JP

[85] 2016-05-24

[86] 2014-12-22 (PCT/JP2014/083926)

[87] (WO2015/098849)

[30] JP (2013-271309) 2013-12-27

[30] JP (2014-127781) 2014-06-22

[21] **2,931,500**
[13] A1

[51] **Int.Cl. F01D 5/08 (2006.01) F01D 17/10 (2006.01) F04D 27/02 (2006.01)**

[25] EN

[54] **ROTOR OFF-TAKE ASSEMBLY**

[54] **ENSEMBLE DE DECHARGEMENT POUR ROTOR**

[72] SUBRAMANIAN, SETHA, IN

[72] PATTNAIK, SANTOSH KUMAR, IN

[72] SUNDARAN, SWAROOP, IN

[72] N, CHANDRASEKARAN, IN

[71] GENERAL ELECTRIC COMPANY, US

[85] 2016-05-24

[86] 2014-11-25 (PCT/US2014/067223)

[87] (WO2015/081041)

[30] US (61/909,102) 2013-11-26

[21] **2,931,501**
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/12 (2006.01)**

[25] EN

[54] **APPARATUS FOR PROCESSING AT LEAST ONE PDU (PROTOCOL DATA UNIT) IN A BROADCAST SYSTEM, METHOD FOR PROCESSING AT LEAST ONE PDU (PROTOCOL DATA UNIT) IN A BROADCAST SYSTEM**

[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT D'AU MOINS UNE PDU (UNITE DE DONNEES DE PROTOCOLE) DANS UN SYSTEME DE DIFFUSION**

[72] KWON, WOOSUK, KR

[72] OH, SEJIN, KR

[72] KO, WOOSUK, KR

[72] HONG, SUNGRYONG, KR

[72] MOON, KYOUNGSOO, KR

[71] LG ELECTRONICS INC., KR

[85] 2016-05-24

[86] 2014-12-03 (PCT/KR2014/011753)

[87] (WO2015/084045)

[30] US (61/910,962) 2013-12-03

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[21] **2,931,503**
[13] A1

[51] **Int.Cl. F24H 1/52 (2006.01) F24D 11/02 (2006.01) F24H 1/41 (2006.01) F24H 9/00 (2006.01)**

[25] EN

[54] **HEAT EXCHANGER, HEATING DEVICE, HEATING SYSTEM AND METHOD FOR HEATING WATER**

[54] **ECHANGEUR DE CHALEUR, DISPOSITIF DE CHAUFFAGE, SYSTEME DE CHAUFFAGE ET PROCEDE POUR CHAUFFER DE L'EAU**

[72] COOL, PETER JAN, NL

[71] INTERGAS HEATING ASSETS B.V., NL

[85] 2016-05-24

[86] 2014-12-12 (PCT/NL2014/050854)

[87] (WO2015/088343)

[30] NL (2011960) 2013-12-13

[21] **2,931,504**
[13] A1

[51] **Int.Cl. H04W 56/00 (2009.01) H04B 7/26 (2006.01)**

[25] EN

[54] **TIME SYNCHRONIZATION FUNCTION TIMER ROLLOVER SOLUTIONS**

[54] **SOLUTIONS DE PROLONGATION DE TEMPORISATEUR DE FONCTION DE SYNCHRONISATION DE TEMPS**

[72] TIAN, BIN, US

[72] ASTERJADHI, ALFRED, US

[72] JAFARIAN, AMIN, US

[72] ABRAHAM, SANTOSH PAUL, US

[72] MERLIN, SIMONE, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-05-24

[86] 2014-12-25 (PCT/US2014/072407)

[87] (WO2015/100433)

[30] US (61/921,406) 2013-12-28

[30] US (14/581,980) 2014-12-23

[21] **2,931,506**
[13] A1

[51] **Int.Cl. A61L 2/10 (2006.01) A61L 2/26 (2006.01)**

[25] EN

[54] **LAMP AND REFLECTOR ARRANGEMENTS FOR APPARATUS WITH MULTIPLE GERMICIDAL LAMPS**

[54] **AGENCEMENTS DE LAMPES ET DE REFLECTEUR POUR APPAREILS AYANT DE MULTIPLES LAMPES GERMICIDES**

[72] STIBICH, MARK A., US

[72] FROUTAN, PAUL P., US

[72] OGLE, JAMES R., US

[72] SMITH, TROY D., US

[71] XENEX DISINFECTION SERVICES, LLC, US

[85] 2016-05-24

[86] 2013-10-16 (PCT/US2013/065184)

[87] (WO2014/088703)

[30] US (13/708,208) 2012-12-07

[21] **2,931,507**
[13] A1

[51] **Int.Cl. G08B 21/22 (2006.01)**

[25] EN

[54] **RFD WITH HISTORY LOG, SECURITY FENCE, AND SEISMIC DETECTION**

[54] **FICHIER HISTORIQUE RFD, CLOTURE DE SECURITE, ET DETECTION SISMIQUE**

[72] ROTHENBUHLER, NEAL HOWARD, US

[72] TAFT, RICHARD BLOCKER, US

[71] ROTHENBUHLER ENGINEERING CO., US

[85] 2016-05-24

[86] 2015-01-06 (PCT/US2015/010314)

[87] (WO2015/103607)

[30] US (61/924,163) 2014-01-06

[21] **2,931,509**
[13] A1

[51] **Int.Cl. A61F 5/44 (2006.01) A61L 31/10 (2006.01)**

[25] EN

[54] **TUBING FOR MITIGATING AGAINST MICROBIAL MIGRATION AND METHOD AND SYSTEM FOR MAINTAINING CLOSED-SYSTEM OF URINARY TUBING**

[54] **TUBULURE PERMETTANT DE LUTTER CONTRE LA MIGRATION MICROBIENNE ET PROCEDE ET SYSTEME D'ENTRETIEN D'UN SYSTEME FERME DE TUBULURE URINAIRE**

[72] BONHAM, CELESTE V., US

[71] BONHAM, CELESTE V., US

[85] 2016-05-24

[86] 2014-11-14 (PCT/US2014/065801)

[87] (WO2015/073892)

[30] US (61/962,776) 2013-11-15

[30] US (14/281,524) 2014-05-19

[21] **2,931,510**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01)**

[25] EN

[54] **MODULATION OF ANGIOPOIETIN-LIKE 3 EXPRESSION**

[54] **MODULATION DE L'EXPRESSION DE LA PROTEINE ANGPTL3**

[72] FREIER, SUSAN M., US

[72] GRAHAM, MARK J., US

[72] CROOKE, ROSANNE M., US

[71] IONIS PHARMACEUTICALS, INC., US

[85] 2016-05-24

[86] 2014-12-24 (PCT/US2014/072303)

[87] (WO2015/100394)

[30] US (61/920,652) 2013-12-24

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[21] **2,931,512**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATIC DEVICE PROGRAM GENERATION**
[54] **PROCEDE ET APPAREIL PERMETTANT LA GENERATION AUTOMATIQUE D'UN PROGRAMME DE DISPOSITIF**
[72] CHANDARIA, TRISALA, US
[72] LEONELLI, JEAN-BAPTISTE, FR
[71] CIAMBELLA LTD., VG
[85] 2016-05-24
[86] 2015-01-08 (PCT/US2015/010562)
[87] (WO2015/105936)
[30] US (61/926,168) 2014-01-10

[21] **2,931,514**
[13] A1

[51] **Int.Cl. G11B 7/125 (2012.01) G11B 7/0045 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPTICAL DATA STORAGE**
[54] **PROCEDE ET SYSTEME DE STOCKAGE DE DONNEES OPTIQUES**
[72] GU, MIN, AU
[72] LI, XIANGPING, AU
[72] CAO, YAOYU, AU
[71] SWINBURNE UNIVERSITY OF TECHNOLOGY, AU
[85] 2016-05-25
[86] 2013-11-28 (PCT/AU2013/001378)
[87] (WO2015/077815)

[21] **2,931,515**
[13] A1

[51] **Int.Cl. H04L 12/28 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **MULTI-DOMAIN SOURCE ROUTED FORWARDING BASED ON COLLABORATING NETWORK CONTROLLERS**
[54] **ACHEMINEMENT PAR ROUTAGE A LA SOURCE DANS DES RESEAUX MULTI-DOMAINES SUR LA BASE DE CONTROLEURS DE RESEAUX DE COLLABORATION**
[72] ROCH, EVELYNE, CA
[72] ASHWOOD-SMITH, PETER, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-05-24
[86] 2015-01-19 (PCT/US2015/011919)
[87] (WO2015/109284)
[30] US (14/159,072) 2014-01-20

[21] **2,931,517**
[13] A1

[51] **Int.Cl. G06F 12/00 (2006.01)**
[25] EN
[54] **A CLOUD SUFFIX PROXY AND METHODS THEREOF**
[54] **MANDATAIRE DE SUFFIXE EN NUAGE ET PROCEDES ASSOCIES**
[72] VISHNEPOLSKY, GREGORY, IL
[72] MOYSI, LIRAN, IL
[71] ADALLOM TECHNOLOGIES INC., US
[85] 2016-05-24
[86] 2015-09-11 (PCT/US2015/049606)
[87] (WO2016/040753)
[30] US (62/049,473) 2014-09-12
[30] US (14/539,980) 2014-11-12

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[13] A1

[51] **Int.Cl. C12N 15/863 (2006.01) C12N 5/071 (2010.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 15/33 (2006.01)**
[25] EN
[54] **VIRAL VECTOR MANUFACTURE**
[54] **PRODUCTION DE VECTEUR VIRAL**
[72] HOWLEY, PAUL MICHAEL, AU
[72] LIU, LIANG, AU
[71] SEMENTIS LIMITED, AU
[85] 2016-05-25
[86] 2014-11-03 (PCT/AU2014/050330)
[87] (WO2015/061858)
[30] AU (2013904242) 2013-11-01
[30] AU (2014900370) 2014-02-07

[21] **2,931,519**
[13] A1

[51] **Int.Cl. G06F 3/0483 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **SENSING USER INPUT TO CHANGE ATTRIBUTES OF RENDERED CONTENT**
[54] **DETECTION D'UNE ENTREE D'UTILISATEUR POUR MODIFIER LES ATTRIBUTS D'UN CONTENU REPRODUIT**
[72] GUGLANI, ARPIT, CA
[72] MCDougALL, PAUL, CA
[72] WATSON, REILLY, CA
[71] RAKUTEN, INC., JP
[85] 2016-05-24
[86] 2014-11-21 (PCT/JP2014/005869)
[87] (WO2015/075947)
[30] US (14/089,250) 2013-11-25

[21] **2,931,520**
[13] A1

[51] **Int.Cl. A01G 25/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SURFACE AND SUBSURFACE WATER RETENTION**
[54] **PROCEDE ET SYSTEME DE RETENTION D'EAU DE SURFACE ET SOUS-SURFACE**
[72] GRADEK, THOMAS, CA
[71] GRADEK, THOMAS, CA
[85] 2016-05-25
[86] 2013-12-04 (PCT/CA2013/050931)
[87] (WO2015/077862)
[30] US (61/908,927) 2013-11-26

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[51] **Int.Cl. A61B 1/06 (2006.01) A61B 1/12 (2006.01) A61J 15/00 (2006.01)**
[25] EN
[54] **IMAGING CATHETER WITH THERMAL MANAGEMENT ASSEMBLY**
[54] **CATHETER D'IMAGERIE A ENSEMBLE DE GESTION THERMIQUE**
[72] HOLSTE, JOHN, US
[71] COVIDIEN LP, US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067260)
[87] (WO2015/077748)
[30] US (61/908,284) 2013-11-25

[21] **2,931,522**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR TREATING HEART VALVE MALFUNCTION INCLUDING MITRAL REGURGITATION**
[54] **SYSTEME DE TRAITEMENT D'UN DYSFONCTIONNEMENT DE VALVULE CARDIAQUE COMPORTANT LA REGURGITATION MITRALE**
[72] DE CANNIERE, DIDIER, US
[71] CORQUEST MEDICAL, INC., US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067264)
[87] (WO2015/081053)
[30] US (14/090,383) 2013-11-26

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[13] A1

[51] **Int.Cl. H04W 4/10 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING MOBILE AND PORTABLE TWO-WAY RADIO COLLABORATION**
[54] **PROCEDE ET SYSTEME POUR GERER UNE COLLABORATION RADIO BIDIRECTIONNELLE MOBILE ET PORTABLE**
[72] TANG, XIAOPING, CN
[72] DUAN, MENGGE, CN
[72] HAN, JIAN, CN
[72] XU, LIANG, CN
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-05-25
[86] 2013-11-28 (PCT/CN2013/088078)
[87] (WO2015/077967)

[21] **2,931,524**
[13] A1

[51] **Int.Cl. G06F 15/173 (2006.01)**
[25] EN
[54] **CUSTOMER-DIRECTED NETWORKING LIMITS IN DISTRIBUTED SYSTEMS**
[54] **LIMITES DE RESEAUTAGE ORIENTE CLIENT DANS DES SYSTEMES DISTRIBUES**
[72] LISSACK, AVICHAH MENDLE, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067302)
[87] (WO2015/077756)
[30] US (14/089,224) 2013-11-25
[30] US (14/089,230) 2013-11-25

[21] **2,931,525**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **DATA STREAM IDENTIFYING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF POUR RECONNAITRE UN FLUX DE DONNEES**
[72] TANG, HUAXIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-05-25
[86] 2014-04-02 (PCT/CN2014/074609)
[87] (WO2015/078122)
[30] CN (201310629389.1) 2013-11-29

[21] **2,931,526**
[13] A1

[51] **Int.Cl. H04L 12/28 (2006.01) H04B 10/116 (2013.01) H04L 12/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATION WITH A MOBILE DEVICE VIA A POSITIONING SYSTEM INCLUDING RF COMMUNICATION DEVICES AND MODULATED BEACON LIGHT SOURCES**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION AVEC UN DISPOSITIF MOBILE VIA UN SYSTEME DE POSITIONNEMENT COMPRENANT DES DISPOSITIFS DE COMMUNICATION RF DES SOURCES LUMINEUSES BALISES MODULEES**
[72] GREEN, KELBY E., US
[72] MALANDRAKIS, EMANUEL P., US
[72] KLITENIK, KONSTANTIN, US
[72] RYAN, DANIEL, US
[71] ABL IP HOLDING LLC, US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067390)
[87] (WO2015/077767)
[30] US (61/908,460) 2013-11-25
[30] US (62/052,207) 2014-09-18

[21] **2,931,527**
[13] A1

[51] **Int.Cl. F04D 13/08 (2006.01)**
[25] EN
[54] **PUMP COLUMN BAFFLE FOR LNG PUMP**
[54] **CHICANE DE COLONNE DE POMPE POUR POMPE DE GAZ NATUREL LIQUEFIE**
[72] JOHNSON, TERRY, US
[71] CHART INC., US
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067445)
[87] (WO2015/077784)
[30] US (61/908,632) 2013-11-25
[30] US (61/908,659) 2013-11-25
[30] US (61/908,648) 2013-11-25
[30] US (61/908,594) 2013-11-25
[30] US (61/909,567) 2013-11-27
[30] US (61/909,884) 2013-11-27

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[13] A1

[51] **Int.Cl. A61K 36/48 (2006.01) A61K 9/48 (2006.01) A61P 13/04 (2006.01)**
[25] EN
[54] **DESMODIUM STYRACIFOLIUM (OSB.) MERR. FLAVONOIDS CAPSULE, METHOD OF PREPARING SAME, AND APPLICATION THEREOF**
[54] **DESMODIUM STYRACIFOLIUM (OSB.) MERR. CAPSULE DE FLAVONOIDES, SON PROCEDE DE PREPARATION, ET SON APPLICATION**
[72] WANG, XUEHAI, CN
[72] XU, YONG, CN
[72] LI, LIE, CN
[72] LI, JIE, CN
[72] TU, RONGHUA, CN
[72] CHEN, GANG, CN
[72] CAO, RUBIN, CN
[72] FENG, YUN, CN
[72] YANG, ZHONGWEN, CN
[72] FAN, ZHAOZE, CN
[72] YU, YANPING, CN
[72] XIAO, QIANG, CN
[72] HUANG, LU, CN
[72] YANG, CHENGBING, CN
[72] HUANG, TIANCI, CN
[72] TIAN, HUA, CN
[72] YANG, JING, CN
[71] HUMANWELL HEALTHCARE (GROUP) CO., LTD., CN
[85] 2016-05-25
[86] 2014-07-15 (PCT/CN2014/082224)
[87] (WO2015/081701)
[30] CN (201310643107.3) 2013-12-05

[21] **2,931,529**
[13] A1

[51] **Int.Cl. A61B 1/05 (2006.01)**
[25] EN
[54] **3D CORRECTED IMAGING**
[54] **IMAGERIE CORRIGEE 3D**
[72] KRIEGER, AXEL, US
[72] KIM, PETER C.W., US
[72] DECKER, RYAN, US
[72] SHADEMAN, AZAD, US
[71] CHILDREN'S NATIONAL MEDICAL CENTER, US
[85] 2016-05-24
[86] 2014-11-26 (PCT/US2014/067641)
[87] (WO2015/081213)
[30] US (61/909,604) 2013-11-27

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[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0482 (2013.01) G06F 3/0485 (2013.01) G06F 3/023 (2006.01)**
[25] EN
[54] **TASK SELECTIONS ASSOCIATED WITH TEXT INPUTS**
[54] **SELECTIONS DE TACHE ASSOCIEES A DES ENTREES DE TEXTE**
[72] JITKOFF, JOHN NICHOLAS, US
[72] KUSCHER, ALEXANDER FRIEDRICH, US
[72] YEUNG, BRYAN RUSSELL, CA
[71] GOOGLE INC., US
[85] 2016-05-24
[86] 2014-12-02 (PCT/US2014/068231)
[87] (WO2015/084888)
[30] US (14/095,944) 2013-12-03

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[13] A1

[51] **Int.Cl. G01C 9/00 (2006.01)**
[25] EN
[54] **A GEO-FENCE SYSTEM**
[54] **SYSTEME DE GEO-BARRIERE**
[72] CHEUNG, DENNIS, US
[71] EBAY INC., US
[85] 2016-05-24
[86] 2014-12-05 (PCT/US2014/068803)
[87] (WO2015/085176)
[30] US (14/098,111) 2013-12-05

[21] **2,931,532**
[13] A1

[51] **Int.Cl. B01J 29/076 (2006.01) B01J 29/06 (2006.01) B01J 29/80 (2006.01) C01B 39/02 (2006.01) C10G 47/16 (2006.01) C10G 47/20 (2006.01)**
[25] EN
[54] **BETA MOLECULAR SIEVE, PREPARATION METHOD THEREFOR AND HYDROGENATION CATALYST CONTAINING SAME**
[54] **TAMIS BETA MOLECULAIRE, PROCEDE DE PREPARATION ASSOCIE ET CATALYSEUR D'HYDROGENATION LE CONTENANT**
[72] LIU, CHANG, CN
[72] WANG, FENGLAI, CN
[72] WANG, KEQI, CN
[72] DU, YANZE, CN
[72] ZHAO, HONG, CN
[72] GUAN, MINGHUA, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[85] 2016-05-25
[86] 2014-10-28 (PCT/CN2014/089699)
[87] (WO2015/078256)
[30] CN (201310604900.2) 2013-11-26
[30] CN (201310605187.3) 2013-11-26
[30] CN (201310605205.8) 2013-11-26
[30] CN (201310604963.8) 2013-11-26

[21] **2,931,533**
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TARGETED NUCLEIC ACID SEQUENCING**
[54] **PROCEDES ET COMPOSITIONS DE SEQUENCAGE CIBLE D'ACIDES NUCLEIQUES**
[72] PANTOJA, RIGO, US
[72] HU, MARIE, US
[72] BOMATI, ERIN, US
[72] HE, MOLLY, US
[71] ILLUMINA, INC., US
[85] 2016-05-24
[86] 2014-12-05 (PCT/US2014/068867)
[87] (WO2015/088913)
[30] US (61/913,727) 2013-12-09

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[13] A1

[51] **Int.Cl. G12B 9/04 (2006.01) A47B 88/04 (2006.01) G01N 37/00 (2006.01)**

[25] EN

[54] **REMOVABLE AND AUTOMATICALLY RE-LATCHING TRAY DEVICE AND METHOD**

[54] **DISPOSITIF DE PLATEAU AMOVIBLE A REVERROUILLAGE AUTOMATIQUE ET PROCEDE**

[72] SHOHAM, GILAD, CA

[71] FIO CORPORATION, CA

[85] 2016-05-25

[86] 2014-11-26 (PCT/CA2014/000851)

[87] (WO2015/077868)

[30] US (61/909,348) 2013-11-26

[21] **2,931,539**
[13] A1

[51] **Int.Cl. C02F 1/00 (2006.01)**

[25] EN

[54] **BLENDING CONTROL COMPRISING DETERMINING THE HARDNESS OF WATER BY MEANS OF THE CONDUCTIVITY OF SOFT WATER AND BLENDED WATER**

[54] **COMMANDE DE MELANGE AVEC DETERMINATION DE LA DURETE DE L'EAU BRUTE A L'AIDE DE LA CONDUCTIVITE DE L'EAU ADOUCIE ET DE L'EAU MELANGEE**

[72] DOPSLAFF, HARTMUT, DE

[72] DOPSLAFF, CARSTEN H., DE

[71] JUDO WASSERAUFBEREITUNG GMBH, DE

[85] 2016-05-25

[86] 2013-12-17 (PCT/EP2013/076908)

[87] (WO2015/090366)

[21] **2,931,541**
[13] A1

[51] **Int.Cl. B32B 27/32 (2006.01) C08J 5/18 (2006.01) G09F 3/10 (2006.01)**

[25] EN

[54] **FOIL FOR LABELS AND COVERING SHEETS**

[54] **FILM POUR ETIQUETTES ET BANDES DE RECOUVREMENT**

[72] SCHUHMANN, MICHAEL, DE

[72] MAUSER, MATTHIAS, DE

[71] INFIANA GERMANY GMBH & CO. KG, DE

[85] 2016-05-25

[86] 2014-10-30 (PCT/EP2014/073360)

[87] (WO2015/078654)

[30] DE (10 2013 113 120.4) 2013-11-27

[21] **2,931,544**
[13] A1

[51] **Int.Cl. B65G 47/248 (2006.01) B65B 35/58 (2006.01)**

[25] EN

[54] **UNIT FOR THE CONVEYANCE AND SORTED ALIGNMENT OF PRODUCTS**

[54] **UNITE POUR LE TRANSPORT ET L'ALIGNEMENT TRIE DE PRODUITS**

[72] SASSI, FABIO, IT

[72] CINESI, MATTEO, IT

[71] GIMA S.P.A., IT

[85] 2016-05-25

[86] 2014-11-12 (PCT/EP2014/074391)

[87] (WO2015/074930)

[30] IT (BO2013A000642) 2013-11-25

[21] **2,931,545**
[13] A1

[51] **Int.Cl. B23Q 15/18 (2006.01)**

[25] EN

[54] **SAWGUIDE PRESSURE FEED SPEED CONTROL SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE COMMANDE DE VITESSE D'ACHEMINEMENT PAR PRESSION POUR GUIDE DE SCIE**

[72] MYRFIELD, WARREN, US

[71] MYRFIELD, WARREN, US

[85] 2016-05-24

[86] 2014-12-07 (PCT/US2014/068969)

[87] (WO2015/085285)

[30] US (61/913,361) 2013-12-08

[30] US (62/062,941) 2014-10-12

[30] US (14/556,139) 2014-11-29

[21] **2,931,547**
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/19 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **PHARMACEUTICALLY ACTIVE AGENT COMPLEXES, POLYMER COMPLEXES, AND COMPOSITIONS AND METHODS INVOLVING THE SAME**

[54] **COMPLEXES DE PRINCIPES PHARMACEUTIQUEMENT ACTIFS, COMPLEXES DE POLYMERES, ET COMPOSITIONS ET PROCEDES LES IMPLIQUANT**

[72] SEKAR, MICHAEL, US

[72] THEEUWES, FELIX, US

[72] BRANHAM, KEITH, US

[72] GIBSON, JOHN W., US

[72] MARIANO, JAMES, US

[72] MORO, WHITNEY, US

[72] TIPTON, JOHN, US

[72] VAN OSDOL, WILLIAM W., US

[72] YUM, SU IL, US

[71] DURECT CORPORATION, US

[85] 2016-05-24

[86] 2014-12-08 (PCT/US2014/069156)

[87] (WO2015/088990)

[30] US (61/913,827) 2013-12-09

[21] **2,931,548**
[13] A1

[51] **Int.Cl. B01D 39/08 (2006.01)**

[25] EN

[54] **TOWER PRESS BELT**

[54] **COURROIE DE PRESSE A TOUR**

[72] SPARKS, TREVOR, DE

[71] CLEAR EDGE-GERMANY GMBH, DE

[85] 2016-05-25

[86] 2014-11-21 (PCT/EP2014/075338)

[87] (WO2015/078795)

[30] GB (1321008.3) 2013-11-28

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[13] A1

[51] **Int.Cl. A01N 43/713 (2006.01) A01N 25/00 (2006.01) A01N 43/70 (2006.01) A01N 43/707 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **USE OF 2-CHLORO-3-(METHYLSULFANYL)-N-(1-METHYL-1H-TETRAZOL-5-YL)-4-(TRIFLUOROMETHYL)BENZAMIDE OR ITS SALTS FOR CONTROLLING UNWANTED PLANTS IN AREAS OF TRANSGENIC CROP PLANTS BEING TOLERANT TO HPPD INHIBITOR HERBICIDES**

[54] **UTILISATION DE 2-CHLORO-3-(METHYLSULFANYL)-N-(1-METHYL-1H-TETRAZOL-5-YL)-4-(TRIFLUOROMETHYL)BENZAMIDE OU DE SES SELS POUR LUTTER CONTRE LES PLANTES INDESIRABLES DANS DES ZONES DE CULTURE DE PLANTES TRANSGENIQUES TOLERANTES AUX HERBICIDES A BASE D'INHIBITEURS DE L'HPPD**

[72] POREE, FABIEN, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] LABER, BERND, DE
[72] KOHN, ARNIM, DE
[72] GATZWEILER, ELMAR, DE
[72] TRABOLD, KLAUS, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE

[85] 2016-05-25
[86] 2014-11-25 (PCT/EP2014/075454)
[87] (WO2015/078828)
[30] EP (13194780.6) 2013-11-28

[21] **2,931,550**
[13] A1

[51] **Int.Cl. C07F 9/576 (2006.01) A61K 31/675 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **PRODRUGS OF PYRIDONE AMIDES USEFUL AS MODULATORS OF SODIUM CHANNELS**

[54] **PROMEDICAMENTS D'AMIDES DE PYRIDONE UTILES EN TANT QUE MODULATEURS DES CANAUX SODIQUES**

[72] ANDERSON, COREY, US
[72] HADIDA-RUAH, SARA SABINA, US
[72] GOLEC, JULIAN MARIAN CHARLES, GB
[72] ZHANG, BEILI, US
[72] LITTLER, BENJAMIN JOSEPH, US
[72] KESHAVARZ-SHOKRI, ALI, US
[72] ALCACIO, TIM EDWARD, US
[72] BELMONT, DANIEL T., US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US

[85] 2016-05-24
[86] 2014-12-12 (PCT/US2014/069916)
[87] (WO2015/089361)
[30] US (61/915,937) 2013-12-13

[21] **2,931,552**
[13] A1

[51] **Int.Cl. C07D 307/12 (2006.01) C07D 307/10 (2006.01) C07D 307/24 (2006.01) C07F 9/655 (2006.01)**

[25] EN

[54] **SULFONATES OF FURAN-2,5-DIMETHANOL AND (TETRAHYDROFURAN-2,5-DIYL)DIMETHANOL AND DERIVATIVES THEREOF**

[54] **SULFONATES DE FURAN-2,5-DIMETHANOL ET (TETRAHYDROFURAN-2,5-DIYL)DIMETHANOL ET LEURS DERIVES**

[72] STENSRUD, KENNETH, US
[71] ARCHER DANIELS MIDLAND COMPANY, US

[85] 2016-05-24
[86] 2014-12-12 (PCT/US2014/070012)
[87] (WO2015/094965)
[30] US (61/918,217) 2013-12-19

[21] **2,931,553**
[13] A1

[51] **Int.Cl. A61K 9/14 (2006.01)**

[25] EN

[54] **PREPARATION OF A POWDERY PHARMACEUTICAL COMPOSITION BY MEANS OF CRYO-MILLING**

[54] **PREPARATION DE COMPOSITION PHARMACEUTIQUE EN POWDRE PAR CRYO-BROYAGE**

[72] GRASSANO, ALESSANDRO, IT
[72] PERACHIOTTI, ANNA, IT
[72] MINELLI, MATTEO, IT
[72] VOLPI, DANIELE, IT
[71] GRUNENTHAL GMBH, DE

[85] 2016-05-25
[86] 2014-11-26 (PCT/EP2014/075618)
[87] (WO2015/078891)
[30] EP (13425151.1) 2013-11-26

[21] **2,931,554**
[13] A1

[51] **Int.Cl. C07D 307/12 (2006.01) C07D 307/14 (2006.01)**

[25] EN

[54] **MONO- AND DIALKYL ETHERS OF FURAN-2,5-DIMETHANOL AND (TETRA-HYDROFURAN-2,5-DIYL)DIMETHANOL AND AMPHIPHILIC DERIVATIVES THEREOF**

[54] **ETHERS MONO- ET DIALKYLES DE FURAN-2,5-DIMETHANOL ET DE (TETRA-HYDROFURAN-2,5-DIYL)DIMETHANOL ET LEURS DERIVES AMPHIPHILES**

[72] STENSRUD, KENNETH, US
[71] ARCHER DANIELS MIDLAND COMPANY, US

[85] 2016-05-24
[86] 2014-12-12 (PCT/US2014/070021)
[87] (WO2015/094970)
[30] US (61/918,239) 2013-12-19

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[21] **2,931,558**
[13] A1

[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **DECODER, ENCODER AND METHOD FOR INFORMED LOUDNESS ESTIMATION IN OBJECT-BASED AUDIO CODING SYSTEMS**
[54] **DECODEUR, CODEUR ET PROCEDE D'ESTIMATION INFORMEE DE CORRECTION PHYSIOLOGIQUE DANS DES SYSTEMES DE CODAGE AUDIO BASES SUR UN OBJET**
[72] PAULUS, JOUNI, DE
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] GRILL, BERNHARD, DE
[72] HELLMUTH, OLIVER, DE
[72] MURTAZA, ADRIAN, RO
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-05-25
[86] 2014-11-27 (PCT/EP2014/075787)
[87] (WO2015/078956)
[30] EP (13194664.2) 2013-11-27

[21] **2,931,559**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/565 (2006.01) A61K 31/569 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT.**
[72] VERHOEVEN, WILLY J. H., NL
[72] DE GRAAFF, WOUTER, NL
[71] MERCK SHARP & DOHME B.V., NL
[85] 2016-05-25
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[87] (WO2015/086491)
[30] US (61/914,500) 2013-12-11
[30] EP (13196737.4) 2013-12-12

[21] **2,931,560**
[13] A1

[51] **Int.Cl. B01J 19/30 (2006.01) C02F 3/08 (2006.01) C02F 3/10 (2006.01) C12N 11/08 (2006.01)**
[25] EN
[54] **FREE-FLOWING CARRIER ELEMENTS**
[54] **ELEMENTS SUPPORT A ECOULEMENT LIBRE**
[72] WELANDER, THOMAS, SE
[72] PICULELL, MARIA, SE
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2016-05-25
[86] 2014-11-28 (PCT/EP2014/075958)
[87] (WO2015/082349)
[30] SE (1351432-8) 2013-12-02

[21] **2,931,562**
[13] A1

[51] **Int.Cl. F28F 19/00 (2006.01) F24F 11/00 (2006.01) F24F 12/00 (2006.01) F24F 13/14 (2006.01) F28D 9/00 (2006.01) F28F 27/02 (2006.01)**
[25] FR
[54] **DUAL-FLOW AIR/AIR EXCHANGER, APPARATUS FOR PROCESSING AIR AND METHOD FOR PROTECTING SUCH AN EXCHANGER AGAINST ICE AND FOR CLEANING SAME**
[54] **ECHANGEUR AIR/AIR A DOUBLE FLUX, INSTALLATION DE TRAITEMENT D'AIR ET METHODE DE PROTECTION CONTRE LE GIVRE ET DE NETTOYAGE D'UN TEL ECHANGEUR**
[72] RIGAUD, FRANCK, FR
[71] ELYT 3, FR
[85] 2016-05-25
[86] 2014-11-28 (PCT/EP2014/076017)
[87] (WO2015/079046)
[30] FR (1361798) 2013-11-28

[21] **2,931,563**
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01)**
[25] EN
[54] **FLOWABLE CONCRETE WITH SECONDARY ACCELERATOR**
[54] **BETON FLUIDIFIABLE AVEC ACCELERATEUR SECONDAIRE**
[72] MYRDAL, ROAR, NO
[72] GRIFFITH, RYAN, GB
[72] LEE, KAH FAI, SG
[71] NORMET INTERNATIONAL LIMITED, CH
[85] 2016-05-25
[86] 2014-11-27 (PCT/EP2014/075848)
[87] (WO2015/078985)
[30] GB (1320942.4) 2013-11-27

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[25] EN
[54] **COMPOSITION, SYSTEM AND METHOD FOR TREATING SKIN**
[54] **COMPOSITION, SYSTEME, ET METHODE POUR LE TRAITEMENT DE LA PEAU**
[72] LEAMAN, DONALD H., JR., US
[72] PERLMUTTER, ALAN LORNE, CA
[71] DERMAL DEVICES INC., CA
[71] BIOMEDICAL CONCEPTS LLC, US
[85] 2016-05-25
[86] 2014-11-25 (PCT/CA2014/051124)
[87] (WO2015/074159)
[30] US (61/908,611) 2013-11-25

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[13] A1

[51] **Int.Cl. F42D 1/05 (2006.01)**
[25] FR
[54] **ELECTRONIC DETONATOR**
[54] **DETONATEUR ELECTRONIQUE**
[72] GUYON, FRANCK, FR
[72] BOULMEAU, MICHEL, FR
[71] DAVEY BICKFORD, FR
[85] 2016-05-25
[86] 2014-11-17 (PCT/FR2014/052937)
[87] (WO2015/079142)
[30] FR (1361781) 2013-11-28

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[51] **Int.Cl. A61K 47/10 (2006.01) A61K 9/00 (2006.01) A61K 31/00 (2006.01)**

[25] EN

[54] **SPRAYABLE AQUEOUS COMPOSITION COMPRISING GLYCERYL TRINITRATE**

[54] **COMPOSITION AQUEUSE PULVERISABLE CONTENANT DU TRINITRATE DE GLYCERYLE**

[72] GERBER, ANDREAS, DE
[72] GORATH, MICHAELA, DE
[72] ZIMMECK, THOMAS, DE
[71] G. POHL-BOSKAMP GMBH & CO. KG, DE

[85] 2016-05-25
[86] 2014-11-28 (PCT/EP2014/076020)
[87] (WO2015/079049)
[30] EP (13005562.7) 2013-11-29

[21] **2,931,569**
[13] A1

[51] **Int.Cl. B01F 3/04 (2006.01) B01F 5/02 (2006.01) C02F 1/20 (2006.01) C02F 11/14 (2006.01) C02F 1/24 (2006.01) C02F 1/52 (2006.01) C02F 1/56 (2006.01) C02F 1/72 (2006.01) C02F 1/74 (2006.01) C02F 11/12 (2006.01)**

[25] FR

[54] **METHOD OF DEODORIZING SLUDGE AND DEVICE FOR PERFORMING SAID METHOD**

[54] **PROCEDE DE DESODORISATION D'UNE BOUE ET DISPOSITIF METTANT EN OEUVRE UN TEL PROCEDE**

[72] CAPEAU, PATRICE, FR
[72] GENDROT, PASCAL, FR
[71] OREGÉ, FR

[85] 2016-05-25
[86] 2014-11-27 (PCT/FR2014/053058)
[87] (WO2015/079171)
[30] FR (13/61698) 2013-11-27

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[13] A1

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[25] EN

[54] **PROLINE-RICH PEPTIDES PROTECTIVE AGAINST S. PNEUMONIAE**

[54] **PEPTIDES RICHES EN PROLINE PROTECTEURS CONTRE S. PNEUMONIAE**

[72] GHASPARIAN, ARIN, CH
[72] ZUNIGA, ARMANDO, CH
[72] GEIB, NINA, CH
[72] TAMBORINI, MARCO, CH
[72] JUD, MAJA, CH
[72] PLUSCHKE, GERD, DE
[72] MARRERO NODARSE, ANIEBRY, CH

[72] ROBINSON, JOHN ANTHONY, CH
[71] VIROMETIX AG, CH
[71] SWISS TROPICAL AND PUBLIC HEALTH INSTITUTE, CH
[71] UNIVERSITÄT BASEL, CH
[71] UNIVERSITÄT ZÜRICH, CH

[85] 2016-05-25
[86] 2014-12-02 (PCT/EP2014/076313)
[87] (WO2015/082501)
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[21] **2,931,572**
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[51] **Int.Cl. B01D 21/28 (2006.01) B01F 3/04 (2006.01) C02F 1/24 (2006.01) C02F 11/14 (2006.01) B01F 5/02 (2006.01) C02F 1/20 (2006.01) C02F 1/52 (2006.01) C02F 1/56 (2006.01) C02F 1/74 (2006.01) C02F 11/12 (2006.01)**

[25] FR

[54] **METHOD AND DEVICE FOR TREATING LIQUID SLUDGE AND FILTER CAKES OBTAINED BY SAID METHOD**

[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE BOUES LIQUIDES, ET GALETTES DE BOUES OBTENUES AVEC UN TEL PROCEDE**

[72] CAPEAU, PATRICE, FR
[72] GENDROT, PASCAL, FR
[71] OREGÉ, FR

[85] 2016-05-25
[86] 2014-11-27 (PCT/FR2014/053063)
[87] (WO2015/079175)
[30] FR (13/61706) 2013-11-27
[30] FR (13/02857) 2013-12-06

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[13] A1

[51] **Int.Cl. E04H 12/12 (2006.01) E02D 27/42 (2006.01) E04H 12/16 (2006.01) E04H 12/18 (2006.01)**

[25] EN

[54] **WIND TURBINE COMPRISING A SEGMENTED TOWER AND FOUNDATION**

[54] **EOLIENNE POURVUE D'UN MAT ET D'UNE EMBASE COMPOSEE DE PLUSIEURS SEGMENTS**

[72] KRAFT, MARTIN, DE
[71] WOBEN PROPERTIES GMBH, DE

[85] 2016-05-25
[86] 2014-12-04 (PCT/EP2014/076601)
[87] (WO2015/082631)
[30] DE (10 2013 225 128.9) 2013-12-06

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[13] A1

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[25] FR

[54] **METHOD AND DEVICE FOR TREATING AN ORGANIC EFFLUENT**

[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN EFFLUENT ORGANIQUE**

[72] CAPEAU, PATRICE, FR
[72] GENDROT, PASCAL, FR
[71] OREGÉ, FR

[85] 2016-05-25
[86] 2014-11-27 (PCT/FR2014/053066)
[87] (WO2015/079177)
[30] FR (1361696) 2013-11-27

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **HEATING SYSTEM AND METHOD OF HEATING FOR AN INHALER DEVICE**
[54] **SYSTEME DE CHAUFFAGE ET PROCEDE POUR CHAUFFER UN DISPOSITIF D'INHALATEUR**
[72] HOPPS, JASON, GB
[72] SEENEY, PHILIP, GB
[72] TURNER, COLIN, GB
[72] OLIVER, LOUISE, GB
[71] JT INTERNATIONAL S.A., CH
[85] 2016-05-25
[86] 2014-11-26 (PCT/EP2014/075593)
[87] (WO2015/086316)
[30] EP (13196731.7) 2013-12-11

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TRIAZOLOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES DE TRIAZOLOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] JACKSON, VICTORIA ELIZABETH, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076832)
[87] (WO2015/086496)
[30] GB (1321742.7) 2013-12-09

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[51] **Int.Cl. C07D 473/32 (2006.01) A61K 31/52 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **PURINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES DE PURINE A TITRE DE MODULATEURS DE L'ACTIVITE DU TNF**
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] LOWE, MARTIN ALEXANDER, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076843)
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[30] GB (1321737.7) 2013-12-09

[21] **2,931,582**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC CARTRIDGE FOR MOLECULAR DIAGNOSIS, DOCKING STATION USING SUCH A MICROFLUIDIC CARTRIDGE, AND PROCESS FOR ANALYZING A BIOLOGICAL SAMPLE**
[54] **CARTOUCHE MICROFLUIDIQUE POUR LE DIAGNOSTIC MOLECULAIRE, STATION D'ACCUEIL UTILISANT UNE CARTOUCHE MICROFLUIDIQUE, ET PROCEDE D'ANALYSE D'UN ECHANTILLON BIOLOGIQUE**
[72] MARCY, YANN, FR
[72] ARTIGUE, MARC, FR
[72] LE MASNE, QUENTIN, FR
[72] MARQ, KEVIN, FR
[71] GENEWAVE, FR
[85] 2016-05-25
[86] 2014-11-27 (PCT/EP2014/075868)
[87] (WO2015/078998)
[30] EP (13306643.1) 2013-11-29

[21] **2,931,583**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **IMIDAZOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] LECOMTE, FABIEN CLAUDE, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076846)
[87] (WO2015/086507)
[30] GB (1321739.3) 2013-12-09

[21] **2,931,584**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/538 (2006.01) A61P 15/00 (2006.01) C07D 249/18 (2006.01) C07D 403/14 (2006.01) C07D 413/04 (2006.01)**
[25] EN
[54] **BENZOTRIAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES DE BENZOTRIAZOLE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] KROEPLIEN, BORIS, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076847)
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[30] GB (1321740.1) 2013-12-09

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[25] EN
[54] **IMIDAZOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] DELIGNY, MICHAEL LOUIS ROBERT, BE
[72] HEER, JAG PAUL, BE
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] LECOMTE, FABIEN CLAUDE, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076848)
[87] (WO2015/086509)
[30] GB (1321741.9) 2013-12-09

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[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **TETRAHYDROIMIDAZOPYRIDINE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES DE TETRAHYDROIMIDAZOPYRIDINE COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] LOWE, MARTIN ALEXANDER, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076875)
[87] (WO2015/086521)
[30] GB (1321749.2) 2013-12-09

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[25] EN
[54] **FUSED BICYCLIC HETEROAROMATIC DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES HETEROAROMATIQUES BICYCLIQUES CONDENSES COMME MODULATEURS DE L'ACTIVITE DU TNF**
[72] ALEXANDER, RIKKI PETER, GB
[72] FOULKES, GREGORY, GB
[72] HUTCHINGS, MARTIN CLIVE, GB
[72] JACKSON, VICTORIA ELIZABETH, GB
[72] KROEPLIEN, BORIS, GB
[72] REUBERSON, JAMES THOMAS, GB
[72] ROOK, SARAH MARGARET, GB
[72] ZHU, ZHAONING, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-05-25
[86] 2014-12-08 (PCT/EP2014/076877)
[87] (WO2015/086523)
[30] GB (1321752.6) 2013-12-09
[30] GB (1409244.9) 2014-05-23

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[13] A1

[51] **Int.Cl. C12N 9/02 (2006.01)**
[25] EN
[54] **FUMARATE REDUCTASES**
[54] **FUMARATE REDUCTASES**
[72] DE JONG, RENE MARCEL, NL
[72] ZHAO, ZHENG, NL
[72] DEN DULK, BEN, NL
[72] WINTER, REMKO TSJIBBE, NL
[71] DSM IP ASSETS B.V., NL
[85] 2016-05-25
[86] 2014-12-12 (PCT/EP2014/077638)
[87] (WO2015/086839)
[30] EP (13196950.3) 2013-12-12

[21] **2,931,592**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/48 (2006.01)**
[25] EN
[54] **ORAL FORMULATIONS OF PYRROLIDINE DERIVATIVES**
[54] **FORMULATIONS ORALES DE DERIVES DE PYRROLIDINE**
[72] CHOLLET, ANDRE, CH
[72] POHL, OLIVIER, CH
[71] OBSEVA S.A., CH
[85] 2016-05-25
[86] 2014-12-15 (PCT/EP2014/077767)
[87] (WO2015/091365)
[30] EP (13197606.0) 2013-12-17

[21] **2,931,594**
[13] A1

[51] **Int.Cl. B29D 99/00 (2010.01) B29C 33/40 (2006.01) B29C 70/50 (2006.01)**
[25] EN
[54] **SHAPING TOOL, SHAPING APPARATUS AND METHOD OF FORMING A SEMI-FINISHED PRODUCT CONTAINING REINFORCING FIBRES**
[54] **OUTIL DE FACONNAGE, APPAREIL DE FACONNAGE ET PROCEDE DE FACONNAGE D'UN PRODUIT SEMI-FINI CONTENANT DES FIBRES DE RENFORT**
[72] BACKHAUS, SASCHA, DE
[72] LENARTOWICZ, KRZYSZTOF, DE
[72] GAITZSCH, ROBERT, DE
[72] FUERSTE, CHRISTIAN, DE
[71] AIRBUS OPERATIONS GMBH, DE
[85] 2016-05-25
[86] 2014-12-17 (PCT/EP2014/078139)
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[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) G01N 1/22 (2006.01) G01N 30/86 (2006.01)**
[25] EN
[54] **REAL-TIME MONITORING OF HEALTH HAZARDS DURING HYDRAULIC FRACTURING**
[54] **SUIVI EN TEMPS REEL DE RISQUES POUR LA SANTE PENDANT UNE FRACTURATION HYDRAULIQUE**
[72] DURSUN, SERKAN, US
[72] UYANIK, ILYAS, US
[72] GERMAIN, OLIVIER R., US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-05-25
[86] 2013-12-26 (PCT/US2013/077825)
[87] (WO2015/099736)

[21] **2,931,602**
[13] A1
[51] **Int.Cl. G05D 7/00 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **3D SENSORLESS CONVERSION METHOD AND APPARATUS FOR PUMP DIFFERENTIAL PRESSURE AND FLOW**
[54] **PROCEDE ET APPAREIL DE CONVERSION 3D SANS CAPTEUR DE PRESSION DIFFERENTIELLE ET DE DEBIT DE POMPE**
[72] CHENG, ANDREW A., US
[72] SCOTT, GRAHAM A., US
[72] GU, JAMES J., US
[71] FLUID HANDLING LLC, US
[85] 2016-05-25
[86] 2014-03-11 (PCT/US2014/023267)
[87] (WO2015/080757)
[30] US (14/091,795) 2013-11-27

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[13] A1
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **THREADED CONNECTION WITH HIGH BEND AND TORQUE CAPACITIES**
[54] **RACCORD FILETE COMPORTANT DES CAPACITES ELEVEES DE COURBURE ET DE COUPLE**
[72] FINKE, MICHAEL DEWAYNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-25
[86] 2013-12-27 (PCT/US2013/077942)
[87] (WO2015/099757)

[21] **2,931,599**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01)**
[25] EN
[54] **LUBRICANT FOR HIGH PH WATER-BASED MUD SYSTEM**
[54] **LUBRIFIANT POUR SYSTEME DE BOUE A BASE D'EAU A PH ELEVE**
[72] POBER, KENNETH W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-25
[86] 2013-12-29 (PCT/US2013/078175)
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[51] **Int.Cl. C01B 33/027 (2006.01) C01B 33/02 (2006.01) H01L 31/028 (2006.01) H01M 2/14 (2006.01) H01M 4/62 (2006.01)**

[25] EN

[54] **PROCESS FOR PRODUCING HOLLOW SILICON BODIES**

[54] **PROCEDE DE PRODUCTION DE CORPS CREUX EN SILICONE**

[72] LANG, JURGEN ERWIN, DE

[72] RAULEDER, HARTWIG, DE

[72] LYUBINA, JULIA, DE

[72] PEREZ, JANAINA MARINAS, DE

[71] EVONIK DEGUSSA GMBH, DE

[22] 2015-11-26

[41] 2016-05-28

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[21] **2,927,921**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**

[25] EN

[54] **GLAUCOMA TREATMENT DEVICE**

[54] **DISPOSITIF DE TRAITEMENT DE GLAUCOME**

[72] DE JUAN, EUGENE, US

[72] BOYD, STEPHEN, US

[72] DEEM, MARK E., US

[72] GIFFORD, HANSON S., III, US

[72] ROSENMAN, DAN, US

[71] TRANSCEND MEDICAL, INC., US

[22] 2006-12-22

[41] 2007-08-02

[62] 2,637,656

[30] US (60/759,835) 2006-01-17

[30] US (60/783,632) 2006-03-17

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[21] **2,927,961**
[13] A1

[51] **Int.Cl. B01D 33/11 (2006.01)**

[25] EN

[54] **ROTARY VACUUM AND SCREEN SYSTEM AND METHODS FOR SEPARATING SOLIDS AND LIQUIDS**

[54] **SYSTEME ROTATIF A VIDE ET TAMIS ET PROCEDES DE SEPARATION DE SOLIDES ET LIQUIDES**

[72] WANLIN, HUGUES, CA

[72] HICKS, ANDREW, CA

[71] WANLIN, HUGUES, CA

[71] HICKS, ANDREW, CA

[22] 2014-10-20

[41] 2015-05-14

[62] 2,893,076

[30] US (61/901,671) 2013-11-08

[30] US (61/940,097) 2014-02-14

[21] **2,928,067**
[13] A1

[51] **Int.Cl. A62C 35/62 (2006.01)**

[25] EN

[54] **CEILING-ONLY DRY SPRINKLER SYSTEMS AND METHODS FOR ADDRESSING A STORAGE OCCUPANCY FIRE**

[54] **SYSTEMES ET PROCEDES D'ARROSAGE SEC EN PLAFONNIER UNIQUEMENT POUR ETEINDRE UN INCENDIE DANS UN ENTREPOT**

[72] GOLINVEAUX, JAMES E., US

[72] LEBLANC, DAVID J., US

[71] TYCO FIRE PRODUCTS LP, US

[22] 2006-10-23

[41] 2007-04-26

[62] 2,764,606

[30] US (60/728,734) 2005-10-21

[30] US (60/774,644) 2006-02-21

[30] US (60/818,312) 2006-07-05

[21] **2,928,426**
[13] A1

[51] **Int.Cl. D21H 27/32 (2006.01) B01J 20/22 (2006.01)**

[25] EN

[54] **POLYMER-CONTAINING ARTICLES OF MANUFACTURE AND METHODS FOR MAKING SAME**

[54] **ARTICLES DE FABRICATION CONTENANT DU POLYMER ET PROCEDE DE REALISATION DE CEUX-CI**

[72] NEAL, CHARLES WILLIAM, US

[72] REDD, CHARLES ALLEN, US

[72] SHEEHAN, JEFFREY GLEN, US

[72] SMITH, STEVEN DARYL, US

[72] MCCHAIN, ROBERT JOSEPH, US

[71] THE PROCTOR & GAMBLE COMPANY, US

[22] 2011-09-01

[41] 2012-03-08

[62] 2,810,391

[30] US (61/379,792) 2010-09-03

[21] **2,928,574**
[13] A1

[51] **Int.Cl. B01J 23/78 (2006.01) C07C 29/153 (2006.01)**

[25] EN

[54] **COBALT-MOLYBDENUM SULFIDE CATALYST MATERIALS AND METHODS FOR ETHANOL PRODUCTION FROM SYNGAS**

[54] **MATERIAUX CATALYSEURS A BASE DE SULFURE DE COBALT-MOLYBDENE ET PROCEDES DE PRODUCTION D'ETHANOL A BASE DE SYNGAZ**

[72] KHARAS, KARL, US

[72] DURAND, JASON, US

[71] ALBEMARLE CORPORATION, US

[22] 2008-09-05

[41] 2009-03-12

[62] 2,698,714

[30] US (60/970,644) 2007-09-07

[30] US (12/204,543) 2008-09-04

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,928,608**
[13] A1

[51] **Int.Cl. D21H 27/02 (2006.01)**
[25] EN
[54] **HIGH ROLL DENSITY FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES EN ROULEAU DE DENSITE ELEVEE**
[72] MCNEIL, KEVIN BENSON, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2011-06-15
[41] 2011-12-22
[62] 2,803,084
[30] US (61/356,208) 2010-06-18

[21] **2,928,854**
[13] A1

[51] **Int.Cl. D21F 7/08 (2006.01)**
[25] EN
[54] **MULTIAXIAL FABRIC HAVING REDUCED INTERFERENCE PATTERN**
[54] **TISSU MULTIAXIAL PRESENTANT UN MODELE D'INTERFERENCE REDUIT**
[72] HAWES, JOHN M., US
[72] KORNETT, GLENN, US
[72] RYDIN, BJORN, SE
[72] QUIGLEY, SCOTT, US
[72] ROYO, MICHAEL A., US
[72] DONOVAN, JAMES G., US
[72] YOOK, STEVEN, US
[71] ALBANY INTERNATIONAL CORP., US
[22] 2006-04-20
[41] 2006-11-02
[62] 2,871,861
[30] US (11/116,516) 2005-04-28

[21] **2,928,858**
[13] A1

[51] **Int.Cl. D21F 7/08 (2006.01)**
[25] EN
[54] **MULTIAXIAL FABRIC HAVING REDUCED INTERFERENCE PATTERN**
[54] **TISSU MULTIAXIAL PRESENTANT UN MODELE D'INTERFERENCE REDUIT**
[72] HAWES, JOHN M., US
[72] KORNETT, GLENN, US
[72] RYDIN, BJORN, SE
[72] QUIGLEY, SCOTT, US
[72] ROYO, MICHAEL A., US
[72] DONOVAN, JAMES G., US
[72] YOOK, STEVEN, US
[71] ALBANY INTERNATIONAL CORP., US
[22] 2006-04-20
[41] 2006-11-02
[62] 2,871,861
[30] US (11/116,516) 2005-04-28

[21] **2,929,214**
[13] A1

[51] **Int.Cl. B65D 71/18 (2006.01) B65D 5/18 (2006.01) B65D 71/06 (2006.01) B65D 71/34 (2006.01) B65D 81/05 (2006.01)**
[25] EN
[54] **CARTON WITH ARTICLE PROTECTION FEATURE**
[54] **CARTON DOTE D'UN ELEMENT DE PROTECTION D'ARTICLE**
[72] SCHMAL, MICHAEL R., US
[72] ALEXANDER, O'NEAL, US
[72] BALDINO, MARK, US
[72] CERIO, MICHAEL, US
[72] HOLLEY, JOHN MURDICK JR., US
[72] MONCRIEF, FRANK N., US
[72] KASTANEK, RAYMOND S., US
[72] FORD, COLIN, US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[22] 2012-03-14
[41] 2012-11-15
[62] 2,832,538
[30] US (61/518,504) 2011-05-06
[30] US (61/572,638) 2011-07-19
[30] US (61/627,249) 2011-10-07
[30] US (61/548,779) 2011-10-19
[30] US (61/570,044) 2011-12-13

[21] **2,929,643**
[13] A1

[51] **Int.Cl. B01D 24/46 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR SEPARATING SAND AND OTHER SOLIDS FROM OIL AND OTHER FLUIDS**
[54] **APPAREIL, SYSTEME ET METHODE SERVANT A SEPARER LE SABLE ET D'AUTRES SOLIDES DE L'HUILE ET D'AUTRES LIQUIDES**
[72] NAGGE, RORY, CA
[72] MORIN, JUSTIN, CA
[71] DYNACORP FABRICATORS INC., CA
[22] 2015-01-12
[41] 2015-10-11
[62] 2,877,020
[30] US (61/978,363) 2014-04-11

[21] **2,930,063**
[13] A1

[51] **Int.Cl. A61K 31/635 (2006.01) A61K 31/137 (2006.01) A61K 31/167 (2006.01) A61K 31/192 (2006.01) A61K 31/426 (2006.01) A61K 31/4545 (2006.01) A61K 31/495 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **UNIT ORAL SOLID DOSE COMPOSITIONS COMPOSED OF NAPROXEN SODIUM AND NIZATIDINE**
[54] **COMPOSITIONS DE DOSE ORALE UNITAIRE SOLIDE DE NAPROXENE SODIQUE ET DE NIZATIDINE**
[72] SCHACHTEL, BERNARD P., US
[71] SCHABAR RESEARCH ASSOCIATES LLC, US
[22] 2009-01-05
[41] 2009-07-16
[62] 2,739,668
[30] US (61/019,025) 2008-01-04

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[21] **2,930,095**
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/19 (2006.01) A61M 5/50 (2006.01)**

[25] EN

[54] **DUAL CHAMBER SYRINGE WITH RETRACTABLE NEEDLE**

[54] **SERINGUE A DEUX CHAMBRES POURVUE D'UNE AIGUILLE RETRACTABLE**

[72] ZIVKOVIC, IVAN, US

[72] HAGER, JORGEN, SE

[72] HANDBERG, ULF, SE

[72] HANNER, GERT, SE

[72] HOLMA, THOMAS, SE

[72] WAHLBERG, ULF, SE

[71] BECTON, DICKINSON AND COMPANY, US

[22] 2011-07-21

[41] 2012-01-26

[62] 2,806,215

[30] US (61/366,874) 2010-07-22

[30] US (13/187,101) 2011-07-20

[21] **2,930,163**
[13] A1

[51] **Int.Cl. E21B 23/04 (2006.01) E21B 21/10 (2006.01) E21B 23/00 (2006.01)**

[25] EN

[54] **DOWNHOLE ACTUATING APPARATUS**

[54] **APPAREIL DE COMMANDE POUR FOND DE TROU**

[72] SMITH, COLIN, GB

[72] PURKIS, DANIEL GEORGE, GB

[71] PETROWELL LIMITED, GB

[22] 2011-03-10

[41] 2011-09-29

[62] 2,794,329

[30] GB (1005133.2) 2010-03-26

[21] **2,930,246**
[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 43/36 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **SYNERGISTIC FUNGICIDAL ACTIVE COMBINATIONS COMPRISING PENFLUFEN AND A SECOND FUNGICIDAL ACTIVE**

[54] **COMBINAISONS ACTIVES FONGICIDES SYNERGIQUES RENFERMANT DU PENFLUFEN ET UN DEUXIEME FONGICIDE ACTIF**

[72] WACHENDORFF-NEUMANN, ULRIKE, DE

[72] DAHMEN, PETER, DE

[72] DUNKEL, RALF, FR

[72] ELBE, HANS-LUDWIG, DE

[72] RIECK, HEIKO, FR

[72] SUTY-HEINZE, ANNE, DE

[71] BAYER CROPSCIENCE AG, DE

[22] 2004-10-12

[41] 2005-05-12

[62] 2,862,948

[30] DE (10349501.0) 2003-10-23

[21] **2,930,422**
[13] A1

[51] **Int.Cl. C09K 3/14 (2006.01) C09G 1/02 (2006.01)**

[25] EN

[54] **ABRASIVE PARTICLES HAVING A UNIQUE MORPHOLOGY**

[54] **PARTICULES ABRASIVES CARACTERISEES PAR UNE MORPHOLOGIE TOUTE PARTICULIERE**

[72] DUMM, TIMOTHY F., US

[72] NG, KAN-YIN, US

[71] DIAMOND INNOVATIONS, INC., US

[22] 2009-09-16

[41] 2010-03-25

[62] 2,736,805

[30] US (61/097,438) 2008-09-16

[30] US (61/097,422) 2008-09-16

[30] US (61/187,789) 2009-06-17

[21] **2,930,497**
[13] A1

[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/95 (2013.01) A61F 2/958 (2013.01) A61F 2/86 (2013.01)**

[25] EN

[54] **VASCULAR IMPLANT**

[54] **IMPLANT VASCULAIRE**

[72] BEN-MUVHAR, SHMUEL, IL

[71] NEOVASC MEDICAL LTD., IL

[22] 2004-11-18

[41] 2005-06-02

[62] 2,823,472

[30] IL (158960) 2003-11-19

[21] **2,930,677**
[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 19/04 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **ANTIBODIES TO TGFβ2**

[54] **ANTICORPS ANTI-TGF-β2**

[72] LEDBETTER, STEVEN R., US

[72] HART, CELIA P., FR

[72] HOLGATE, ROBERT G., GB

[72] JERMUTUS, LUTZ U., GB

[72] BUCHANAN, CATRIONA L., GB

[72] DUNCAN, ALEXANDER R., GB

[72] FINCH, DONNA K., GB

[71] GENZYME CORPORATION, US

[71] OPTTEIN, INC., US

[22] 2006-02-08

[41] 2006-08-17

[62] 2,597,098

[30] US (60/651,343) 2005-02-08

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,930,709**
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) H04M 3/51 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING FORECASTS AND ANALYSIS OF CONTACT CENTER BEHAVIOR FOR PLANNING PURPOSES**
[54] **SYSTEME ET PROCEDE DE GENERATION DE PREVISIONS ET D'ANALYSES DU COMPORTEMENT D'UN CENTRE DE CONTACT A DES FINS DE PLANIFICATION**
[72] KOSIBA, ERIC D., US
[72] NEWHARD, DOUGLAS G., US
[72] PAPADOPOULOS, NEOFYTOS C., US
[71] BAY BRIDGE DECISION TECHNOLOGIES, INC., US
[22] 2002-05-17
[41] 2002-11-21
[62] 2,447,096
[30] US (60/291,325) 2001-05-17

[21] **2,930,736**
[13] A1

[51] **Int.Cl. A61N 1/40 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATING A TUMOR OR THE LIKE AND ARTICLES INCORPORATING THE APPARATUS FOR TREATMENT OF THE TUMOUR**
[54] **DISPOSITIF PERMETTANT DE TRAITER UNE TUMEUR OU UNE AFFECTION SIMILAIRE, ET ARTICLES COMPRENANT CE DISPOSITIF PERMETTANT DE TRAITER UNE TUMEUR**
[72] PALTU, YORAM, IL
[71] NOVOCURE LIMITED, JE
[22] 2003-10-01
[41] 2004-04-15
[62] 2,499,845
[30] US (10/315576) 2002-12-10
[30] US (10/263329) 2002-10-02
[30] US (10/285313) 2002-10-31

[21] **2,930,803**
[13] A1

[51] **Int.Cl. C09K 3/00 (2006.01) A62D 1/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING A FLUOROOLEFIN**
[54] **COMPOSITIONS COMPORTANT UNE OLEFINE FLUOREE**
[72] MINOR, BARBARA HAVILAND, US
[72] RAO, VELLIYUR NOTT MALLIKARJUNA, US
[72] BIVENS, DONALD BERNARD, US
[72] PERTI, DEEPAK, US
[71] E.I. DUPONT DE NEMOURS AND COMPANY, US
[22] 2006-03-03
[41] 2006-09-08
[62] 2,600,319
[30] US (60/658,543) 2005-03-04
[30] US (60/710,439) 2005-08-23
[30] US (60/732,769) 2005-11-01
[30] US (11/369,227) 2006-03-02

[21] **2,930,835**
[13] A1

[51] **Int.Cl. C12Q 1/37 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **UBIQUITIN SPECIFIC PROTEASES RESPONSIBLE FOR MCL-1 STABILITY AND USES THEREOF**
[54] **PROTEASES SPECIFIQUES DE L'UBIQUITINE, RESPONSABLES DE LA STABILITE DE MCL-1, ET LEURS UTILISATIONS**
[72] GENESTE, OLIVIER, FR
[72] HICKMAN, JOHN, FR
[72] COLLAND, FREDERIC, FR
[72] DAVIET, LAURENT, FR
[71] LES LABORATOIRES SERVIER, FR
[71] HYBRIGENICS, FR
[22] 2009-10-29
[41] 2010-05-06
[62] 2,741,831
[30] EP (08291017.5) 2008-10-30

[21] **2,930,890**
[13] A1

[51] **Int.Cl. A01K 1/00 (2006.01)**
[25] EN
[54] **BARRIER COMPONENTS FOR ANIMAL STALLS**
[54] **COMPOSANTS BARRIERES POUR STALLS ANIMALIERES**
[72] EARLS, MICHAEL, IE
[71] EARLS, MICHAEL, IE
[22] 2014-12-12
[41] 2015-06-13
[62] 2,874,886
[30] GB (1322068.6) 2013-12-13

[21] **2,931,227**
[13] A1

[51] **Int.Cl. H01L 29/207 (2006.01) H01L 31/0725 (2012.01) H01L 29/737 (2006.01) H01L 31/0256 (2006.01)**
[25] EN
[54] **BORON, BISMUTH CO-DOPING OF GALLIUM ARSENIDE AND OTHER COMPOUNDS FOR PHOTONIC AND HETEROJUNCTION BIPOLAR TRANSISTOR DEVICES**
[54] **CO-DOPAGE AU BORE ET AU BISMUTH D'ARSENURE DE GALLIUM ET D'AUTRES COMPOSES POUR DISPOSITIFS TRANSISTORS BIPOLAIRES PHOTONIQUES ET A HETEROJONCTION**
[72] MASCARENHAS, ANGELO, US
[71] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US
[22] 2011-03-08
[41] 2011-09-15
[62] 2,813,812
[30] US (61/311,513) 2010-03-08

[21] **2,931,411**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **EXTRACT OPERATOR**
[54] **OPERATEUR D'EXTRAIT**
[72] KUNNATUR, SANDHYA, US
[72] LASSEN, SOREN BOGH, US
[72] CURTISS, MICHAEL, US
[71] FACEBOOK, INC., US
[22] 2013-12-12
[41] 2014-06-26
[62] 2,901,597
[30] US (13/723,861) 2012-12-21

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,931,413**

[13] A1

[51] **Int.Cl. G01N 33/49 (2006.01)**

[25] EN

[54] **MEASUREMENT AND USES OF
OXIDATIVE STATUS**

[54] **MESURE ET UTILISATIONS DE
L'ETAT D'OXYDATION**

[72] BAR-OR, DAVID, US

[72] BAR-OR, RAPHAEL, US

[71] AYTU BIOSCIENCE, INC., US

[22] 2008-05-16

[41] 2008-11-27

[62] 2,684,144

[30] US (60/938,925) 2007-05-18

[21] **2,931,418**

[13] A1

[51] **Int.Cl. E02D 5/38 (2006.01)**

[25] EN

[54] **PILING APPARATUS**

[54] **APPAREIL D'ENFONCEMENT DE
PIEUX**

[72] LIN, WEI-CHUNG, US

[71] MACLEAN-FOGG COMPANY, US

[22] 2009-12-08

[41] 2010-06-08

[62] 2,687,701

[30] US (12/315,903) 2008-12-08

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A.	2,777,674	MAYHALL	2,703,402	FUJITA, NOBUHIRO	2,832,176
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GARSTKA, ERICK	2,642,442	GRIMES, DAVID J.	2,698,213	HARRISON, CHRISTOPHER	2,753,389
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KIM, LAEYOUNG	2,774,429	L'EXPLOITATION DES		LI, MING	2,701,960
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RIDLEY, DUNCAN ANDREW	2,829,823	SALYERS, DAVID C.	2,839,156	SEAL, SUDIPTA	2,610,296
RIMSCIENCE CO., LTD.	2,760,335	SAMPATH, HEMANTH	2,794,289	SEAPAN, MAYIS	2,671,531
RING, LEV	2,833,882	SAMSOONDAR, JAMES	2,911,318	SEARETE LLC	2,710,436
RISK, JAMES ROBERT, JR.	2,813,265	SAMUELSEN, OLAF	2,796,246	SEB S.A.	2,672,387
RITTER, ERIC MARTIN	2,802,350	SAN MARTIN CISTERNA,		SECUREKEY TECHNOLOGIES	
ROBERGE, PIERRE ANTOINE	2,742,694	WILFREDO	2,706,917	INC.	2,742,694
ROBERT, JEAN-ALBERT PAUL		SANDBERG, CHESTER		SECURUS, INC.	2,663,867
MARC	2,766,201	LEDLIE	2,684,485	SEGNALINI, FRANCA	2,708,666
ROBERTS, MARK D.	2,707,208	SANDERS, JOHN KENDALL	2,759,205	SEKIYA, YOSHIMICHI BRIAN	2,771,503
ROBINSON, TERRY S.	2,800,982	SANO, KOHICHI	2,832,159	SELVITELLI, DAVID	2,642,442
ROCHE, OLIVIER	2,709,050	SANO, KOHICHI	2,832,176	SENEGAS, DAVID	2,854,239
RODENBERG, JEFFREY		SANOFI-AVENTIS	2,713,550	SENO MEDICAL	
HAROLD	2,692,098	SANOFI-AVENTIS	2,713,551	INSTRUMENTS, INC.	2,671,101
ROENNEKE, PETER	2,780,184	SATO, HIROYUKI	2,881,517	SENVION SE	2,796,246
ROGERS-EVANS, MARK	2,709,050	SATO, YOSHITAKA	2,622,578	SERAFIN, JULIANA G.	2,667,980
ROHDE, JASON	2,803,292	SATTERFIELD, JESSE CLAY	2,848,667	SEVAGEN, BERTRAND	2,854,239
ROLLIER, ALAIN	2,650,063			SEZATE, STEVE	2,610,296

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SHAKES, JONATHAN. J.	2,601,375	SMITH, KATE	2,779,306	SUMITOMO ELECTRIC	
SHAMBURGER, JAMES	2,729,587	SMITH, STEVEN DARYL	2,842,348	INDUSTRIES, LTD.	2,823,292
SHAN, BEI	2,696,252	SMITH-WEBSTER, KIMDRA	2,815,640	SUMMERS, DAVID A.	2,718,045
SHANDONG HUAXIA		SNECMA	2,720,807	SUN, BENJAMIN	2,459,982
SHENZHOU NEW		SNECMA	2,766,201	SUN, SHIJUN	2,706,895
MATERIAL CO., LTD	2,802,942	SOANE ENERGY, LLC	2,800,309	SUN, XUELIANG	2,829,605
SHANKS, DAVID E.	2,640,425	SOANE, DAVID S.	2,800,309	SUNNEN, GERARD V.	2,733,972
SHARAREH, SHIVA	2,635,676	SOMASUNDARAM, SIVA	2,740,781	SURGIBIT IP HOLDINGS PTY	
SHARP KABUSHIKI KAISHA	2,793,084	SONG, XIAOHONG	2,682,356	LIMITED	2,494,062
SHEEHAN, PATRICK M.	2,806,881	SONG, YI	2,867,270	SUTO, MIKITO	2,845,765
SHELL INTERNATIONALE		SORENSEN, JAMES		SUWA, YOSHIHIRO	2,832,159
RESEARCH		CHRISTOPHER, III	2,839,156	SUZUKI, SHOICHI	2,793,084
MAATSCHAPPIJ B.V.	2,638,061	SOUERS, ANDREW J.	2,682,356	SVEC, JAMES A.	2,840,453
SHELL INTERNATIONALE		SPENCER, GEOFFREY P.	2,718,924	SWELLFIX B.V.	2,697,466
RESEARCH		SPINA, VINCE B.	2,848,536	SWING S.R.L.	2,684,662
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SHELL INTERNATIONALE		INTERNATIONAL		SWITZER, DAVID A.	2,893,009
RESEARCH		INCORPORATED	2,829,605	SYLVESTER, JARED W.	2,800,982
MAATSCHAPPIJ B.V.	2,694,014	SQI DIAGNOSTICS SYSTEMS		SYNGENTA PARTICIPATIONS	
SHEN, DONG	2,805,090	INC.	2,779,306	AG	2,708,170
SHEN, WENYAN	2,696,252	SQUARE, INC.	2,812,251	SYNGENTA PARTICIPATIONS	
SHEN, ZHICHENG	2,818,581	SQUARE, INC.	2,812,611	AG	2,719,026
SHIMOMURA, IICHIRO	2,524,175	SQUARE, INC.	2,883,921	SZEWCZYK, GREGORY	2,815,640
SHIRAKURA, SHINICHI	2,622,578	SRINIVASAN, VENUGOPAL	2,483,042	TADEN, ANDREAS	2,708,081
SHOCKLEY, JAMES FRANCIS	2,498,927	ST. CLAIR, LUKE	2,855,963	TAFESSE, LAYKEA	2,810,356
SHOEMAKER, ROBERT H.	2,617,150	ST. JUDE MEDICAL, ATRIAL		TAFT, JEFFREY D.	2,825,320
SHUKLA, RAJESH	2,703,469	FIBRILLATION DIVISION,		TAIHO PHARMACEUTICAL	
SHUPPO, VLADIMIR	2,866,433	INC.	2,830,740	CO., LTD.	2,720,552
SHURGOT, MARK A.	2,640,425	ST. LOUIS UNIVERSITY	2,484,994	TAKAGI, TOSHIYUKI	2,524,175
SHUYLER, STEVEN W.	2,814,058	STAHLHUT, OLIVER	2,652,637	TAKAHASHI, TAKEO	2,881,517
SIBONI, LAURENT	2,729,199	STANDEN, ROBERT	2,776,636	TAKEDA, YUSUKE	2,834,753
SIEMENS		STATOIL PETROLEUM AS	2,594,285	TALK SYSTEM CO., LTD.	2,785,680
AKTIENGESELLSCHAFT	2,678,634	STATOIL PETROLEUM AS	2,742,577	TALLINN UNIVERSITY OF	
SIEMENS		STEELE, DAVID J.	2,836,918	TECHNOLOGY	2,812,623
AKTIENGESELLSCHAFT	2,698,483	STEELE, GLENDA M.	2,814,058	TAMALET, STEPHANE	2,698,870
SIEMENS		STEEN, PAUL ARCHIE	2,854,061	TAMEISHI, YOSHIMASA	2,729,991
AKTIENGESELLSCHAFT	2,729,981	STEINHAGEN, HENNING	2,713,550	TAMRE, MART	2,812,623
SIEMENS		STEINHAGEN, HENNING	2,713,551	TANDON, MANISH	2,685,739
AKTIENGESELLSCHAFT	2,732,933	STEMINSKI, PAUL	2,836,264	TANG, JUNKE	2,802,942
SIEMENS INDUSTRY, INC.	2,498,927	STENSON, ARTHUR	2,836,976	TANGEN, RICHARD	2,699,324
SIKHA, KOTAYYA BABU	2,793,312	STENSON, ARTHUR	2,836,986	TAO, ZHI-FU	2,682,356
SILBERZAHN, WILHELM		STEPHENS, KEITH EDWARD	2,840,453	TARALLO, STEPHEN C.	2,658,465
KARL	2,691,433	STEPHENS, KYLE	2,728,889	TARGET TRAINING	
SILVA, ROBERTO MATTIOLI	2,707,830	STICHTING KATHOLIEKE		INTERNATIONAL LTD.	2,808,691
SILVERPOP SYSTEMS INC.	2,627,092	UNIVERSITEIT, THE		TARIS BIOMEDICAL LLC	2,784,601
SIMON, THOMAS	2,715,336	UNIVERSITY MEDICAL		TASAKA, KAZUHIKO	2,867,989
SINDI, HAYAT	2,667,702	CENTRE NIJMEGEN	2,594,125	TASAKA, KAZUHIKO	2,867,990
SINGH, AMIT PAL	2,821,347	STIESDAL, HENRIK	2,729,981	TATERRA, HANS-ROLF	2,680,756
SINGH, HARMEET	2,771,501	STOJANOVIC, NEBOJSA	2,767,975	TAVORATH, RANJANA	2,705,977
SINGH, HARMEET	2,771,503	STOLLER, ALEX P.	2,626,494	TAYLOR, ALAN G.	2,865,750
SINGLETON, STEVEN D.	2,763,205	STONE, DAVID SEAN	2,541,137	TE CONNECTIVITY AMP	
SIVAN, SARIT	2,664,944	STORA ENSO OYJ	2,720,750	ESPANA S.L.U.	2,672,232
SIXTO, ROBERT, JR.	2,595,442	STRANO, MATTEO	2,666,133	TECHNION RESEARCH AND	
SKAAR, ERLING A.	2,756,827	STRATEGIC SCIENCE &		DEVELOPMENT	
SKERRA, ARNE	2,659,413	TECHNOLOGIES, LLC	2,835,840	FOUNDATION LTD.	2,664,944
SKILDUM, JOHN D.	2,671,755	STREET, CALE	2,754,982	TECHNOLOGIES HOLDINGS	
SLONGO, ALESSANDRO	2,837,363	STRICKON, JOSHUA A.	2,841,328	CORP.	2,893,411
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SMETS, JOHAN	2,842,348	STRZEMPKO, THADDEUS J.	2,680,813	CORP.	2,913,440
SMITH & NEPHEW PLC	2,706,169	STUDER, KATIA	2,681,201	TECHNOSIGNZ LTD.	2,844,274
SMITH INTERNATIONAL, INC.	2,827,116	SUDA, YOSHIMITSU	2,720,552	TELEFONAKTIEBOLAGET LM	
SMITH, HARRY D., JR.	2,808,593	SUGIHARA, TAKAYASU	2,823,292	ERICSSON (PUBL)	2,681,426
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TETRA LAVAL HOLDINGS & FINANCE S.A.	2,717,185	TIBAH, DENIS MUKI	2,807,310	UEMATSU, TAKASHI	2,869,814
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THE BOEING COMPANY	2,848,202	TIMMONS, KELLY A.	2,747,036	ULTRAVIOLET SCIENCES, INC.	2,709,900
THE BOWDEN GROUP	2,642,538	TING, RICHARD	2,626,494	UNDERINER, TODD LAURENCE	2,842,348
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THE DIRECTV GROUP, INC.	2,640,425	TOLLAN, MARK W.	2,832,176	UNIVERSITE DE NANTES	2,678,063
THE GILLETTE COMPANY	2,811,042	TONG, KUO-FENG	2,848,202	UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC.	2,610,296
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THE JOHNS HOPKINS UNIVERSITY	2,694,266	TRABANCO-SUAREZ, ANDRES AVELINO	2,839,200	UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,690,762
THE NIELSEN COMPANY (US), LLC	2,483,042	TRANSITIONS OPTICAL, INC.	2,735,764	UNIVERSITAT DE VALENCIA	2,697,625
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THE PROCTER & GAMBLE COMPANY	2,842,348	TRANSITIONAL THERAPEUTICS, INC.	2,836,743	URSA INSULATION S.A.	2,877,593
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THOMAS & BETTS INTERNATIONAL, INC.	2,757,790	TRETOFAN GERMANY GMBH & CO. KG	2,778,301	VAN DER SLUIS, PETER WILLEM	2,893,411
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		TSUI, ANTHONY M.F.	2,783,316	VECSERI, GABOR	2,676,397
		TULLA-PUCHE, JUDIT	2,708,080	VEDSTED, LARS ERIK	2,734,670
		TUOZZI, ANGELA	2,708,666	VEDSTED, SOREN CHRISTIAN	2,734,670
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		TYCO FIRE & SECURITY GMBH	2,703,565		
		TYCO FIRE & SECURITY GMBH	2,705,140		
		TYCO HEALTHCARE GROUP LP	2,638,363		
		TYCO HEALTHCARE GROUP LP	2,642,430		

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WALKER, ROBERT B.	2,638,136	MANFRED	2,694,507	YUAN, CHUNHUA	2,728,379
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WANG, TSILI	2,756,163	NURSERYGOODS		ZHANG, YANFENG	2,824,451
WANG, XIAOWEI	2,737,691	COMPANY LIMITED	2,847,450	ZHANG, YONGMING	2,802,942
WANG, XILU	2,682,356	WONG, AMY	2,667,702	ZHANG, YUEHUA	2,855,180
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WARN INDUSTRIES, INC.	2,814,475	WOOD, VICTORIA Y.H.	2,710,436	ZHOU, ZHIGUO	2,703,469
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TECHNOLOGY		WRIGHT MEDICAL		ZOETIS SERVICES LLC	2,854,061
HOLDINGS, LLC	2,834,026	TECHNOLOGY, INC.	2,865,750	ZTE CORPORATION	2,701,960
WEATHERFORD		WRIGHTSON, IAN J.	2,691,175	ZUBIATE, BRETT	2,679,533
TECHNOLOGY		WUHAN KAIDI ENGINEERING		ZWEIFEL, THOMAS J.	2,724,626
HOLDINGS, LLC	2,834,230	TECHNOLOGY			
WEATHERFORD		RESEARCH INSTITUTE			
TECHNOLOGY		CO., LTD.	2,824,451		
HOLDINGS, LLC	2,834,293	WUTHRICH, PHILIP	2,800,309		
WEBB, BRIAN CHRISTOPHER	2,790,524	XEROX CORPORATION	2,813,015		
WEBB, RENE JAMES	2,698,483	XU, JIDE	2,659,251		
WEBER, LAWRENCE R.	2,697,092	XU, XIAOYU	2,690,762		
WEBER, WILFRIED	2,730,292	YAMAKAWA, MASAHIRO	2,823,292		
WEERS, JERRY J.	2,755,746	YAMANAKA, YOICHIRO	2,845,765		
WEHNER, VOLKMAR	2,713,550	YAMAZAKI, MASAHIRO	2,881,517		

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ACHTZEHN, TOBIAS	2,913,428	CHEMPOSITE-ZHNOGSHAN		DENING, JOHN (NICK)	2,914,019
ACTIVE AGRIPRODUCTS INC.	2,889,430	FRP LTD.	2,873,013	DENIS, JOEL	2,911,130
ADA CARBON SOLUTIONS, LLC	2,913,938	CHEMTREAT, INC.	2,873,453	DENNIS, ERIN	2,914,033
ADKINS II, DAVID A.	2,909,723	CHEN, BO	2,913,763	DESAI, PINAKIN	2,913,560
AGATSUMA CO., LTD.	2,908,596	CHEN, BO	2,913,765	DICK, MICHAEL	2,913,428
AIR CHINA LIMITED	2,914,017	CHEN, LINGYUN	2,872,863	DICK, TRAVIS	2,872,844
ALBERS, ROBERT G.	2,902,687	CHEN, PO-YU	2,913,427	DIENST, JOHNATHON	2,913,570
ALEXANDER, GUS	2,913,713	CHEN, QING	2,913,763	DIETTERLE, BENNIE	2,873,482
ALLES, IRINA	2,912,636	CHEN, QING	2,913,765	DINNON, PATRICK	2,913,570
ALSTOM TRANSPORT TECHNOLOGIES	2,913,997	CHENETTE, LYNE	2,925,585	DONG, DONG	2,912,337
AMADEUS S.A.S.	2,912,636	CHEVRON U.S.A. INC.	2,906,246	DOUKEN, TOMOHIKO	2,913,357
AMERICAN GREETINGS CORPORATION	2,914,033	CHIN-FU CHEN	2,913,427	DOW GLOBAL TECHNOLOGIES LLC	2,912,291
AMIK OILFIELD EQUIPMENT AND RENTALS LTD.	2,873,209	CHINA PETROLEUM & CHEMICAL CORPORATION	2,913,269	DOW GLOBAL TECHNOLOGIES LLC	2,912,294
ANDERSON, BRIAN	2,913,570	CHOWDHARY, FERHAJ	2,913,383	DOYLE, JAMES LAURENCE	2,913,846
ANDREWS, HUGH ROBERT	2,913,428	CHRISTENSEN, COREY	2,873,209	DREAMWELL, LTD.	2,914,138
ARTURO, STEVEN	2,912,291	CHUNG ANG UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION	2,892,401	DU, YANZE	2,913,269
ARUMUGAM, SELVANATHAN	2,912,291	CHWIRKA, JOSEPH D.	2,873,269	DUBEAU, SIMON	2,872,754
ASIDO, NORVIN	2,912,838	CIRCLE DYNAMICS INC.	2,913,846	DUFFY, JOHN PAUL	2,873,479
BACHA, MICHAEL	2,872,982	CIURKOT, JANUSZ	2,907,294	DUMONT, FRANCIS	2,873,577
BAKER, JAMES BRYAN	2,909,727	CNH INDUSTRIAL AMERICA LLC	2,913,560	DUPUIS, REUBEN	2,873,173
BALLESTEROS, JAVIER	2,913,997	CNH INDUSTRIAL CANADA, LTD.	2,911,030	EATON CORPORATION	2,911,121
BARNERON, SYLVAIN	2,913,385	CNH INDUSTRIAL CANADA, LTD.	2,911,130	EATON CORPORATION	2,911,216
BELIERES, JEAN-PHILIPPE A.	2,909,723	CNH INDUSTRIAL CANADA, LTD.	2,911,131	EATON CORPORATION	2,911,295
BELL HELICOPTER TEXTRON INC.	2,914,139	CNH INDUSTRIAL CANADA, LTD.	2,911,387	EATON CORPORATION	2,911,301
BERA, TUSHAR KANTI	2,913,603	CNH INDUSTRIAL CANADA, LTD.	2,911,595	EATON CORPORATION	2,911,357
BETANCES SANSUR, LUIS ENRIQUE	2,913,966	COLIN, JEREMY	2,912,636	ELL, JOHN	2,912,291
BLOMQUIST, CHRISTOPHER W.	2,925,587	COMENITY LLC	2,909,392	EMOND, DANIEL	2,914,016
BLOUIN, MICHELLE MARIE	2,914,118	CONNORS, MICHAEL	2,913,570	ESKILDSEN, KENNETH G.	2,913,273
BOHLING, JAMES C.	2,912,294	CONOCOPHILLIPS COMPANY	2,913,763	EVANS, DAVID W.	2,902,687
BONNET, ERIC	2,912,974	CONOCOPHILLIPS COMPANY	2,913,765	EVEN, RALPH C.	2,912,291
BOWLBY, KIMBERLY	2,873,528	CORRIVEAU, ROBERT	2,872,754	FABER, TIM	2,912,085
BROOKS, BJORN-GUSTAF JAMES	2,872,783	COTE, JOSHUA	2,911,130	FAIVRE, STEPHEN M.	2,913,560
BROUSSEAU, JEAN- FRANCOIS	2,914,016	COTE, PHILIPPE	2,873,150	FARBER, WOLFGANG	2,913,462
BRUKER DALTONICS, INC.	2,914,000	COVIDIEN LP	2,912,838	FITSEE ONLINE INC.	2,872,844
BUBBLE TECHNOLOGY INDUSTRIES INC.	2,913,428	CROOYMANS, BRENNAN	2,911,130	FLESHER, MELISSA	2,914,033
BURFORD, IAN C.	2,902,687	DAIGNEAULT, BENOIT	2,873,294	FNA GROUP, INC.	2,913,713
CAE INC	2,925,791	DANIELSEN, DARREN JOHN	2,913,443	FOURNIER, PIERRE- ALEXANDRE	2,872,754
CAE INC	2,925,795	DAS, SHATADRU	2,887,428	FOURNIER, SERGE	2,913,699
CAE INC	2,925,796	DEBENEDICTIS, CHRISTOPHER J.	2,874,129	FRALICK, KEVIN	2,873,507
CAE INC.	2,925,585	DEDIEU, PHILIPPE	2,913,385	FRANGENBERG, MEINHARD	2,913,995
CAE INC.	2,925,703	DEFRANKS, MICHAEL S.	2,914,138	FROMENT, MARION	2,913,385
CARRE TECHNOLOGIES INC.	2,872,754			FUNK, TREVOR	2,914,019
CARRIERES, ALAIN	2,893,746			FURGAL, TROY	2,911,808
CENOVUS ENERGY INC	2,914,116			FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP.	2,913,269
CENOVUS ENERGY INC.	2,914,118			GAGNE-TURCOTTE, ANTOINE	2,872,754
				GAO, WEI	2,912,294

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GENERAL ELECTRIC COMPANY	2,913,443	KOWALCHUK, TREVOR	2,911,387	PATSIS, STEVEN G.	2,913,644
GERVAIS, JOEL	2,911,130	KWON, WOO-SUNG	2,892,401	PEUTERT, CHANCE	2,913,570
GERVAIS, JOEL	2,911,595	LAI, RIXIN	2,912,337	PJR ENVIRONMENTAL, LLC	2,873,269
GESTION MCD INC.	2,925,721	LAVOIE, MARTIN	2,872,783	PLETTNER, ERIKA	2,913,831
GIBSON, JEFFREY SCOTT	2,911,216	LAWRENCE, CRAIG	2,913,932	PODLESNY, JANNIK	2,914,081
GIBSON, JEFFREY SCOTT	2,911,301	LEBLANC, VICKY	2,873,173	PRATT & WHITNEY CANADA CORP.	2,893,746
GIBSON, JEFFREY SCOTT	2,911,357	LEEMET, JAAN	2,874,129	RAETZMAN, RYAN	2,913,570
GOLDSMAN, BRYAN B. G.	2,873,338	LEONARD, MICHAEL W.	2,912,294	RAMPA	
GOPALAN, SIMI	2,913,443	LI, MOWEN	2,913,938	VERBUNDUNGSTECHNIK GMBH & CO. KG	2,913,462
GRAHAM, RODNEY N.	2,909,723	LI, QIXIANG	2,914,017	RANSBARGER, WELDON LEE	2,906,246
GREEN, JEFFREY A.	2,895,923	LIU, CHANG	2,913,269	RAY, GARY ALAN	2,909,727
GREGORY, LAURA	2,913,603	LIU, ZONGYUE	2,873,013	REEVES, ANDREW C.	2,904,562
GRIFFITHS, GEORGE F.	2,895,923	LOGISIG INC.	2,913,699	REHRIG PACIFIC COMPANY	2,914,014
GRIM, ALAN	2,909,723	LONG, SCOTT	2,913,570	RHYNE, DAVID LEE	2,906,246
GROUPE ISOLOFOAM INC.	2,914,016	LONGPRE, OLIVIER	2,872,834	RICHARDS, WALTER J. (DECEASED)	2,912,085
GTECH CANADA ULC	2,873,173	LONGPRE, PIERRE	2,872,834	RICHARDSON, JOHN	2,873,453
GUAN, MINGHUA	2,913,269	LOWE, KAREN	2,909,392	RISK, DAVID ANDREW	2,872,783
HANN, MURRAY	2,911,108	LUCAS, KURT	2,914,019	ROBILLARD, CHARLES	2,872,754
HARNETIAUX, TRAVIS	2,913,570	LUFT, BERNIE	2,914,019	ROHM AND HAAS COMPANY	2,912,291
HARRIS CORPORATION	2,911,108	MADANE, MAYURA ARUN	2,911,295	ROHM AND HAAS COMPANY	2,912,294
HARRIS CORPORATION	2,911,110	MAGNUSON, DAVID COLE	2,913,443	ROITBERG, BERNARD	2,913,831
HATZINIKOLAS, MICHAEL	2,872,778	MAHFOUD, GABY	2,905,149	ROLLS-ROYCE CORPORATION	2,895,923
HATZINIKOLAS, MICHAEL	2,872,780	MALONEY, JAMES GERARD	2,911,121	ROMERO LEGORRETA, GERMAN	2,912,085
HEADER, GREGORY A.	2,910,528	MALONEY, JAMES GERARD	2,913,966	ROWE, BRANDON	2,912,291
HEER, DANIEL	2,914,081	MARKIEWICZ, BARTOSZ	2,872,837	ROY, JEAN-FRANCOIS	2,872,754
HEGGERE, PRAHLAD R. D.	2,895,923	MARSHALL, DOUG	2,913,273	RYDER, NICK	2,911,387
HEMSTOCK, CHRISTOPHER A.	2,913,814	MAXWELL, BRENDEN	2,872,844	SABATIER, ROMUALD	2,912,636
HENRY, JAMES W.	2,911,130	MAYER, LAURENT	2,913,383	SALDANA, ANGELA	2,874,129
HENRY, JIM	2,911,030	MCDUFF, RODRIGUE	2,925,721	SAMPEDRO-THOMPSON, WILLIAM M.	2,902,687
HENRY, JIM	2,911,131	MCGRAW, ETHAN NELSON	2,911,808	SCHANK, TROY	2,914,139
HIBNER, VERLIN	2,911,108	MCGUIRE, SHERI L.	2,914,138	SCHMIDT, PAUL	2,874,129
HIGGINS, SEAN	2,914,033	MCMURRAY, SARAH G.	2,913,938	SCHNEIDER ELECTRIC USA, INC.	2,912,085
HINES, DAVID	2,873,528	MCNAUGHTON, JOHN	2,914,019	SCHUBA, JONATHAN	2,911,130
HITACHI, LTD.	2,913,357	MEERS, RYAN C.	2,914,014	SHIFA, BINYAM ASSEFA	2,914,118
HONEYWELL INTERNATIONAL INC.	2,913,273	MIKULSKI, BEN	2,914,019	SHIMIZU, TOSHIKI	2,913,357
HONEYWELL INTERNATIONAL INC.	2,913,275	MINETEC S.A.	2,881,186	SHIRAIISHI, MASAHIRO	2,913,357
HUANG, WEI	2,913,269	MONK, KEVIN	2,913,560	SIGNODE INDUSTRIAL GROUP LLC	2,907,294
HUSTON, ROBERT B.	2,913,938	MORAVEC, BRADFORD A.	2,909,723	SIMON FRASER UNIVERSITY	2,913,831
INFINEUM INTERNATIONAL LIMITED	2,913,603	MUHAREMOVIC, AMAR	2,912,636	SINCLAIR, JEFF	2,872,844
ING, HARRY	2,913,428	MULVANEY, PATRICK J.	2,909,723	SOUCY, OLIVIER	2,925,703
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INGENICO GROUP	2,913,383	NACK, DAVID	2,909,392	SPEAQUA, INC.	2,913,644
INGENICO GROUP	2,913,385	NADEEM, MAHMOUD SHAKER	2,870,564	SPECIALIZED DESANDERS INC.	2,913,814
IRION, ALLAN	2,907,235	NATHAN, TODD	2,911,808	SPLENDORE, MAURIZIO	2,914,000
JACKSON, RONALD	2,911,110	NEPOGODIN, ANDREW	2,925,585	ST. FRANCIS XAVIER UNIVERSITY	2,872,783
JOHNS MANVILLE	2,911,808	NISHIKAWA, SATOSHI	2,913,357	STINGRAY DIGITAL GROUP INC.	2,873,150
JOHNSON, CHAD	2,913,570	NOBLE, SCOTT	2,911,595	SUBBLOIE, ALBERT R., JR.	2,874,129
JOJIC, IVANA	2,909,723	NORDCO INC.	2,907,235	SUKLE, ZEBONIE	2,911,808
JUSTICE, RICK	2,913,570	NORDCO INC.	2,907,235	SZEKELY, KENNETH	2,912,534
KHAN, SAL	2,913,822	NORTON, PAUL	2,925,791	SZEKELY, KENNETH	2,912,543
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KOLICHESKI, PAULO ROGERIO FUNK	2,913,713	NORTON, PAUL	2,925,796	SZEKELY, KENNETH	2,912,549
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KORENAGA, BRIAN H.	2,902,687	OKEEFE, MARK DOUGLAS	2,913,273		
		OLSON, ERIC ALDEN	2,911,808		
		OLSON, ERIC C.	2,909,723		
		OSBORNE, LAWRENCE	2,885,459		
		PAN, YAN	2,912,337		
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THE BOEING COMPANY	2,909,723		
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AIRBUS DEFENCE AND SPACE SAS	2,931,218	ARAI, NARUMI	2,931,084	BAILEY, MELISSA DIANE	2,931,381
AIRBUS DEFENCE AND SPACE SAS	2,931,298	ARAKI, NOBUYUKI	2,931,293	BAKER HUGHES	
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ALCACIO, TIM EDWARD	2,931,550	ARCHER DANIELS MIDLAND COMPANY	2,931,554	BALLAUF, CHRISTIAN	2,931,372
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ALI, MEZHER HUSSEIN	2,931,026	ARKEMA FRANCE	2,931,400	BARF, TJEERD	2,931,431
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AMERICAN STERILIZER COMPANY	2,931,190	ARSANIS BIOSCIENCES GMBH	2,931,327	BASF COATINGS GMBH	2,931,397
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		ASHWIN-USHAS CORPORATION, INC.	2,931,121	BAYONA-CARRILLO, NICOLAS	2,931,303
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KAJDAS, HUGO	2,931,371	KIRKBRIDE, TANA	2,930,984	KUO LEE, RHONDA	2,931,146
KAJDAS, MARINE	2,931,371	KISRA, SAAD	2,931,308	KUPFERBERG, ROBERT JEFFREY	2,930,982
KAJDAS, SAMUEL	2,931,371	KITATANI, KAZUYA	2,931,062	KUPPER, JAN-HEINER	2,930,269
KAMAL, MOHAMMAD	2,931,252	KITAZATO, NAOHISA	2,931,058	KUREHA CORPORATION	2,931,282
KAMIMURA, MASAKI	2,931,296	KIVISAKK, ULF	2,930,043	KUREHA CORPORATION	2,931,293
KANBAR, MAURICE	2,931,247	KLITENIK, KONSTANTIN	2,931,526	KUREHA CORPORATION	2,931,346
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(CANADA) LIMITED	2,931,157	PERKINS, RAYMOND		EDUARDO	2,931,037
OMNIBLEND INNOVATION		PATRICK	2,931,450	PRINOTH S.P.A.	2,931,360
PTY LTD	2,930,919	PERLMUTTER, ALAN LORNE	2,931,564	PUJERI, KESHAV	
OO, MYO TUN	2,931,378	PERONA ABELLON, ROSARIO	2,931,429	PARASHURAM	2,931,182
OOI, LENG	2,931,407	PERRY, SCOTT	2,931,118	PURDUE RESEARCH	
OPDIG, INC.	2,931,364	PERSISTENT AFIB		FOUNDATION	2,931,111
OPTIBIOTIX LIMITED	2,929,815	SOLUTIONS, INC.	2,931,484	PUROHIT, ANKIT	2,931,182
OR, TAI LUNG BURNNET	2,931,093	PERUSSE, DIMITRI	2,931,392	QI, QINIAN	2,931,252
OREGE	2,931,569	PERUSSE, DIMITRI	2,931,395	QIAN, YUECHEN	2,931,367
OREGE	2,931,572	PESCHEL, ANDREAS	2,930,960	QUALCOMM INCORPORATED	2,930,327
OREGE	2,931,574	PETER, ULRIKE	2,931,338	QUALCOMM INCORPORATED	2,930,336
OREGON STATE UNIVERSITY	2,931,045	PETERS, BJOERN	2,931,112	QUALCOMM INCORPORATED	2,931,504
ORIKASA, TERUO	2,931,079	PETERSON, MARK	2,931,264	QUEMENEUR, JEAN-YVES	2,930,992
OSTLUND, MARTIN	2,930,043	PETERSON, MARK	2,931,333	QUERARD, JEROME	2,931,185
OTT, GUNTHER	2,931,095	PETERSON, NICHOLAS JON	2,930,454	QUINCEY, JOANNA RACHEL	2,931,026
OTTOMOTTO LLC	2,931,055	PETRASEK, DANNY	2,931,275	QUINN, JANE	2,931,031
OTTONELLO, PIERO	2,928,896	PFIZER INC.	2,931,034	RACZ, N. SANDOR	2,931,459
OUTOTEC (FINLAND) OY	2,931,321	PFLEGER, CHRISTOPHE	2,931,016	RADKE, WILLIAM	2,931,301
		PHARMACHEMIE B.V.	2,931,165	RAINFORD, CAROL	2,931,320

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RAMAKRISHNAN, INDUMATHI	2,931,236	ROGERS, DANIEL JORDAN	2,931,205	SASON, ALBERT	2,931,442
RAMASUBRAMONIAN, ADARSH KRISHNAN	2,930,336	ROLLAND, HERVE	2,931,392	SASSI, FABIO	2,931,544
RAN, FREDERIC	2,931,016	ROLLAND, HERVE	2,931,395	SASSON, YOEL	2,928,999
RANE, RAHUL	2,930,996	ROMERO, DANIEL JOSEPH	2,931,456	SASTRE GARZON, LEANDRO	2,931,429
RANGARAJAN, MADHUSUDHAN	2,931,098	RONDET, MAURICETTE	2,931,234	SATO, HIDEO	2,931,087
RANKIN, JAMES R.	2,931,081	ROOK, SARAH MARGARET	2,931,589	SATO, HIROYUKI	2,931,282
RAPP, SEBASTIAN	2,931,360	ROQUETTE FRERES	2,931,233	SATO, NAOTAKE	2,931,057
RASTALL, ROBERT	2,929,815	ROSENCRANCE, SCOTT	2,931,193	SAUL, TOM	2,931,261
RATCLIFFE, JAMES DAVID	2,931,202	ROTHBAUM, WAYNE	2,931,431	SAVAGE, BENJAMIN V.	2,931,323
RAUCH, WILLIAM L.	2,931,002	ROTHENBUHLER		SAVAGE, KENT V.	2,931,323
RAUH, INGOLF	2,931,163	ENGINEERING CO.	2,931,507	SAVELA, JYRKI	2,930,346
RAY, YONATON	2,931,299	ROTHENBUHLER, NEAL		SAYN-URPAR, JULIEN	2,931,231
RAYBORN, RANDALL		HOWARD	2,931,507	SCHEERDER, ALEXANDER	
LINWOOD	2,931,450	ROTHENHAEUSLER, BENNO	2,931,016	ALEIDA ANTONIUS	2,930,043
REDAELLI, PAOLO	2,931,159	ROUDIER, STEPHANE	2,931,141	SCHEIBNER, KATRIN	2,930,269
REGENERON		ROUDIER, STEPHANE	2,931,180	SHELLEKENS, MARTIJN	2,931,433
PHARMACEUTICALS, INC.	2,931,299	ROUHA, HARALD	2,931,327	SCHIFF, DAVID	2,931,326
REIAL, ANDRES	2,917,317	ROUSSEV, ALEXANDER D.	2,931,199	SCHILLER, DAVID	2,931,071
REICHERT, THOMAS	2,931,168	ROVIO ENTERTAINMENT LTD	2,931,306	SCHLACHTER, STEPHEN T.	2,931,085
REID, DYLAN	2,931,407	ROZEK, ANNETT	2,931,054	SCHLUMBERGER CANADA LIMITED	2,931,308
REID, JULIA	2,930,972	RUDLINGER, MIKAEL	2,931,266	SCHLUMBERGER CANADA LIMITED	2,931,473
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK	2,927,312	RUEGER, HEINRICH	2,931,249	SCHMIDT, MICHAEL	2,931,383
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK	2,927,412	RUNDQUIST, VICTOR F.	2,931,124	SCHMIDT, TANNIN	2,931,316
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK	2,927,416	RUNWAY BLUE, LLC	2,931,104	SCHMIDTKE, KAI-UWE	2,930,269
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK	2,927,418	RUPP, MICHAEL D.	2,931,232	SCHMOLL, MONIKA	2,931,045
RENATI, RICHARD JOSEPH	2,931,261	RUPP, MICHAEL D.	2,931,286	SCHNEIDER, JAKOB H.	2,931,036
RENIECKI, JACEK	2,931,098	RUPPEL, MONA	2,931,107	SCHNEIDER, JOSEPH MARK	2,931,036
RENKE, PETER	2,931,028	RUSSELL-MAYNARD, JOHN KENYON	2,930,000	SCHOTT AG	2,931,168
RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK	2,931,255	RV LIZENZ AG	2,931,266	SCHUHMAN, MICHAEL	2,931,541
REUBERSON, JAMES THOMAS	2,931,589	RYAN, DANIEL	2,931,526	SCHULER, WOLFGANG	2,931,110
REUTER, HARDY	2,931,170	RYCKMANS, THOMAS	2,930,961	SCHULTE, ROLF	2,931,095
RICCARDI, MICHAEL J.	2,931,243	S.A. LHOIST RECHERCHE ET DEVELOPPEMENT	2,931,338	SCHULTE-AUSTUM, MATTHIAS	2,931,163
RICHARDSON, JOHN	2,931,004	SAATCI, ALPAYDIN	2,931,321	SCHUMACHER, HOLGER	2,927,312
RIDDERBUSCH, FALKO	2,931,558	SABRAOUI, ABBAS	2,931,142	SCHUMACHER, HOLGER	2,927,416
RIDEAU, JEAN-FRANCOIS	2,931,388	SACK, TODD	2,931,326	SCHUSTER, ANDRE	2,931,045
RIFE, NATHAN P.	2,931,283	SAERTROM, PAL	2,930,973	SCHUSTER, MARY H.	2,931,197
RIGAUD, FRANCK	2,931,562	SAIJO, HIKARU	2,931,282	SCHWARTE, STEPHAN	2,931,170
RIKEN	2,931,278	SAINT-GOBAIN GLASS FRANCE	2,929,389	SCHWARZ, BRENT S.	2,931,055
RINCKER, JASON W.	2,931,304	SAINT-GOBAIN GLASS FRANCE	2,931,234	SCHWARZ, EDWARD	2,931,001
RINDERKNECHT, DEREK	2,931,274	SAKAGUCHI, HIDEYA	2,931,278	SCHWARZ, HANS-GEORG	2,931,265
RINGENA, OKKO	2,930,962	SAKAKIBARA, MASAO	2,931,271	SCHWITTER, URS	2,931,016
RIO TINTO ALCAN INTERNATIONAL LIMITED	2,931,354	SAKAMOTO, ARES	2,931,120	SCOTT, GRAHAM A.	2,931,602
RIZZI, JAMES P.	2,931,085	SAKAMOTO, YORIFUMI	2,931,281	SEB S.A.	2,931,402
RJE INTERNATIONAL, INC.	2,931,324	SAKANE, YASUAKI	2,931,062	SEB S.A.	2,931,404
ROBERTS, ANDREW	2,931,314	SAKO, DIANNE S.	2,931,309	SECTOR, MARTIN J.	2,930,946
ROBERTS, JAMES	2,931,276	SALAHIEH, AMR	2,931,261	SEDAT, PIERRE-MARIE	2,931,400
ROBERTS, KIRA	2,931,259	SAMPSON, KIMBERLY S.	2,931,259	SEDIC, FILIP	2,931,351
ROBINSON, JOHN ANTHONY	2,931,570	SAMSON, WILLIAM DOUGLAS	2,931,384	SEDRIS, CRAIG R.	2,931,116
ROCH, EVELYNE	2,931,515	SANCHES, MARIO	2,931,356	SEENEY, PHILIP	2,931,577
		SANDERS, EDGAR S., JR.	2,931,300	SEKAR, MICHAEL	2,931,547
		SANDLER, UZIEL	2,931,023	SEKI, HARUHIKO	2,931,087
		SANDVIK INTELLECTUAL PROPERTY AB	2,929,983	SEM, DANIEL S.	2,931,313
		SANDVIK INTELLECTUAL PROPERTY AB	2,930,043	SEMENTIS LIMITED	2,931,518
		SARANG, NATH	2,931,185	SEMPLE, ANDREW MICHAEL	2,931,450
				SENETAR, JOHN J.	2,931,122
				SEONG, IN JAE	2,931,050
				SEPPALA, CONNY	2,929,983
				SERAFINI CABANES, MARIA TERESA	2,931,219

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SERVANT, REGIS EUGENE HENRI	2,931,044	SNECMA	2,931,310	SUN, HUADONG	2,931,150
SETFORD, STEVEN	2,931,166	SNECMA	2,931,374	SUNDARAN, SWAROOP	2,931,500
SETTE, ALESSANDRO	2,931,112	SNEED, CRAIG ALLEN	2,931,212	SUSCHEK, CHRISTOPH V.	2,931,174
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SHADEMAN, AZAD	2,931,529	SNO, MELANIE	2,931,136	SUZHOU PENGXU PHARMATECH CO., LTD.	2,931,430
SHANLEY, JOHN F.	2,930,959	SNO, MELANIE	2,931,137	SUZUMURA, AKIO	2,931,492
SHARMA, SANJEEV	2,931,093	SO, SUNG-SAU	2,931,189	SVENNINGSSON, INGE	2,929,985
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SHATLEY, DEBORAH G.	2,931,336	SOLUM, DAVID	2,931,332	SWEM, LEE	2,931,012
SHAW, ANTHONY A.	2,931,064	SOLURAL PHARMA APS	2,931,086	SWINBURNE UNIVERSITY OF TECHNOLOGY	2,931,514
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SHEN, GUOJIN	2,931,152	SONG, WEN-YUAN	2,931,387	SZABO, CHRISTOPHE	2,930,997
SHEN, GUOJIN	2,931,155	SONIFY BIOSCIENCES, LLC	2,931,204	SZERSZEN, ANITA	2,931,255
SHEN, GUOJIN	2,931,156	SONIFY BIOSCIENCES, LLC	2,931,205	TAFT, RICHARD BLOCKER	2,931,507
SHI, JIONG	2,930,330	SONY CORPORATION	2,931,058	TAIPEI MEDICAL UNIVERSITY	2,931,345
SHIFAMED HOLDINGS, LLC	2,931,261	SONY CORPORATION	2,931,084	TAKAHASHI, KAZUNARI	2,931,087
SHIMA, HIDEKAZU	2,931,062	SONY CORPORATION	2,931,084	TAKAHASHI, TAKEO	2,931,282
SHIMIZU, SHUN	2,931,296	SORENSEN, STEVEN M.	2,931,104	TAKAHASHI, TAKEO	2,931,349
SHIPLEY, TREVOR DANIEL	2,931,304	SORENSEN, TOMMY	2,931,075	TAKAHASHI, TAKEO	2,931,352
SHIRE VIROPHARMA INCORPORATED	2,930,964	SORNIK, FRANK	2,931,103	TAKAHASHI, TAKEO	2,931,498
SHLUZAS, ALAN E.	2,930,959	SORRIBAS AMELA, MONICA	2,931,264	TAKANO, JUN	2,931,087
SHOEMAKE, JAMES	2,931,459	SORRIBAS AMELA, MONICA	2,931,333	TAKEUCHI, HIDEYUKI	2,931,492
SHOHAM, GILAD	2,931,534	SORRIBAS AMELA, MONICA	2,931,336	TAKEUCHI, ROBERT JAMES ETSU	2,931,054
SHOOK, DONALD P.	2,931,243	SOURDIVE, DAVID	2,931,267	TALJA, ARI	2,931,306
SHOTTON, VINCENT	2,931,240	SOUSSAN, ELODIE	2,931,222	TAMBA, SHIGERO	2,931,296
SHTERN, MARK	2,931,041	SOUTHWIRE COMPANY, LLC	2,931,124	TAMBORINI, MARCO	2,931,570
SHUPING, DONALD B.	2,931,406	SPARKS, TREVOR	2,931,548	TAMMERA, ROBERT FRANK	2,931,008
SHUTT, THOMAS C.	2,931,405	SPD SWISS PRECISION DIAGNOSTICS GMBH	2,930,879	TAMMERA, ROBERT FRANK	2,931,376
SIEGEL, ALEXANDER J.	2,931,258	SPENCE, DAVID JAMES	2,931,117	TAN, JING K	2,931,115
SIEMENS AKTIENGESELLSCHAFT	2,930,845	SPERLING, JASON SCOTT	2,931,484	TANG, HUAXIN	2,931,525
SIEMENS AKTIENGESELLSCHAFT	2,931,163	SPINAL ELEMENTS, INC.	2,931,332	TANG, JIANSHENG	2,931,331
SIEMENS AKTIENGESELLSCHAFT	2,931,372	SPRINT COMMUNICATIONS COMPANY L.P.	2,931,304	TANG, WEIMING	2,931,024
SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.	2,931,109	SRZAGALA, MARC TIMON	2,931,168	TANG, XIAOPING	2,931,523
SIKORA, ROSEMARY	2,931,320	SRINIVASAN, SUDARSAN	2,931,326	TARGET COMPLETIONS, LLC	2,931,143
SILVER, MATTHEW	2,931,347	ST-ONGE, BENOIT	2,930,989	TASHIRO, TAKAYUKI	2,902,188
SILVO, JONI	2,930,346	STACKPOLE INTERNATIONAL ENGINEERED PRODUCTS, LTD.	2,931,444	TATE & LYLE INGREDIENTS AMERICAS LLC	2,931,320
SIM, KOK-CHOON	2,930,176	STANKOVIC, SRDJAN	2,931,027	TATE & LYLE TECHNOLOGY LIMITED	2,931,320
SIMON FRASER UNIVERSITY	2,931,040	STANLEY, CHRIS	2,930,965	TATSUMI RYOKI CO., LTD	2,931,080
SINGLETON, FREDDIE L.	2,931,052	STATOIL PETROLEUM AS	2,931,158	TATSUMI, KANAKO	2,931,296
SINNWELL, SEBASTIAN	2,931,095	STEEVES, RITA	2,931,309	TATSUNO, GWEN	2,929,937
SIWAJEK, MICHAEL J.	2,930,996	STEINMETZ, BERNHARD	2,931,170	TAVALLALI, PEYMAN	2,931,274
SIWAJEK, MICHAEL J.	2,931,030	STENSRUD, KENNETH	2,931,552	TAYLOR, DARLENE K.	2,931,100
SKOP, SHANE	2,930,996	STENSRUD, KENNETH	2,931,554	TE PARI PRODUCTS LIMITED	2,931,006
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SNECMA	2,931,044	STORKLE, DOMINIC	2,931,107		
		STRACHAN, MICHAEL	2,931,099		
		STRATASYS, INC.	2,930,968		
		STUDER, LORENZ	2,931,334		
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TESSIER, PASCAL	2,931,300	TOMSKI, IIIA	2,924,365	VALANCE, NICOLAS	2,931,402
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THALES	2,931,288	TOSA, RAUL-VASILE	2,931,325	VALKENBERG, RALPH	2,931,444
THALES CANADA INC.	2,931,025	TRABOLD, KLAUS	2,931,549	VALKONEN, SANNA	2,930,962
THALES CANADA INC.	2,931,042	TRAN, QUYNH ANH LE	2,931,347	VALLOUREC DRILLING	
THALES CANADA INC.	2,931,043	TRAUTMAN, JOSEPH		PRODUCTS FRANCE	2,929,806
THALES CANADA INC.	2,931,160	CREAGAN	2,931,261	VALNEVA AUSTRIA GMBH	2,931,110
THAYER, DAN	2,930,959	TREUTLEIN, HERBERT	2,931,279	VALTON, JULIEN	2,931,267
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THE COCA-COLA COMPANY	2,931,108	TU, RONGHUA	2,931,528	VAN OSDOL, WILLIAM W.	2,931,547
THE COUNCIL OF THE		TUFARO, FRANK	2,931,322	VANDAELE, VALERIE	2,931,320
QUEENSLAND		TUOHY, LISA	2,931,320	VANDERBILT UNIVERSITY	2,931,097
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RESEARCH	2,931,276	TURNER, COLIN	2,931,577	VANHATALO, SAMPASA	2,931,276
THE FEINSTEIN INSTITUTE		TUSHAR, S. JAIN	2,931,327	VARRONE, JOHN J.	2,931,001
FOR MEDICAL		UCB BIOPHARMA SPRL	2,931,019	VAUPEL, ANDREA	2,931,249
RESEARCH	2,931,255	UCB BIOPHARMA SPRL	2,931,022	VENOT, MARC	2,931,369
THE GENERAL HOSPITAL		UCB BIOPHARMA SPRL	2,931,026	VENTANA MEDICAL	
CORPORATION	2,931,220	UCB BIOPHARMA SPRL	2,931,578	SYSTEMS, INC.	2,931,216
THE GILLETTE COMPANY	2,931,461	UCB BIOPHARMA SPRL	2,931,581	VEOLIA WATER SOLUTIONS	
THE GILLETTE COMPANY	2,931,467	UCB BIOPHARMA SPRL	2,931,583	& TECHNOLOGIES	
THE IAMS COMPANY	2,929,933	UCB BIOPHARMA SPRL	2,931,584	SUPPORT	2,931,560
THE NIELSEN COMPANY		UCB BIOPHARMA SPRL	2,931,586	VERESS, LIVIA A.	2,931,172
(US), LLC	2,931,106	UCB BIOPHARMA SPRL	2,931,587	VERHOEVEN, WILLY J. H.	2,931,559
THE PROCTER & GAMBLE		UCB BIOPHARMA SPRL	2,931,589	VERLEYE, MARC	2,931,162
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THE PROCTER & GAMBLE		UKNIS, MARC, E.	2,930,964	COMPANY	2,931,081
COMPANY	2,930,981	ULRICH, ROGER	2,931,431	VERSTRAETE, GERALD	
THE PROCTER & GAMBLE		UMANSKY, SAMUIL R.	2,931,082	MAURICE	2,931,359
COMPANY	2,930,984	UNIVERSIDAD AUTONOMA		VERTEX PHARMACEUTICALS	
THE REGENTS OF THE		DE MADRID	2,931,429	INCORPORATED	2,931,550
UNIVERSITY OF		UNIVERSITAET KONSTANZ	2,930,875	VESTAS WIND SYSTEMS A/S	2,929,898
CALIFORNIA	2,929,937	UNIVERSITAT BASEL	2,931,570	VIAUD, SOPHIE	2,931,363
THE UNITED STATES OF		UNIVERSITAT ZURICH	2,931,570	VICKERY, ETHAN	2,931,235
AMERICA, AS		UNIVERSITE LAVAL	2,931,064	VIFOR (INTERNATIONAL) AG	2,931,173
REPRESENTED BY THE		UNIVERSITE PIERRE ET		VIJAY, ROHIT	2,931,187
SECRETARY,		MARIE CURIE	2,931,185	VIRMANI, ASHRAF	2,931,109
DEPARTMENT OF		UNIVERSITY OF DURHAM	2,931,315	VIROMETIX AG	2,931,570
HEALTH AND HUMAN		UNIVERSITY OF FLORIDA		VISA INTERNATIONAL	
SERVICES	2,931,005	RESEARCH		SERVICE ASSOCIATION	2,931,093
THE UNIVERSITY OF TOKYO	2,931,056	FOUNDATION, INC.	2,930,966	VISHNEPOLSKY, GREGORY	2,931,517
THEEUWES, FELIX	2,931,547	UNIVERSITY OF FLORIDA		VITA ZAHNFABRIK H.	
THERKILDSSEN, LARS	2,931,154	RESEARCH	2,931,387	RAUTER GMBH & CO. KG	2,931,373
THIEBAUT, RAPHAËLE	2,931,176	FOUNDATION, INC.		VM PRODUCTS, INC.	2,931,235
THOMAS, AXEL SYLVAIN		UNIVERSITY OF IOWA		VO, LOAN K.	2,931,183
LOIC	2,931,307	RESEARCH		VODKIN, PAUL	2,931,190
TIAN, BIN	2,931,504	FOUNDATION	2,930,972	VOISIN, DEREK	2,931,025
TIAN, HUA	2,931,528	UNIVERSITY OF IOWA		VOISIN, DEREK	2,931,042
TIAN, YINGJUN	2,931,145	RESEARCH		VOLPI, DANIELE	2,931,553
TILLACK, JEFF	2,930,959	FOUNDATION	2,931,220	VON DER NULL, STEPHAN	2,931,163
		UNIVERSITY OF ROCHESTER	2,931,001	VON MALTZAHN, GEOFFREY	2,931,317
		UNO, MASAYUKI	2,931,062	VORHÖLZ, JOHANNES	2,931,107
		UOP LLC	2,931,122	VULLINGS, RIK	2,931,433

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WADE, COLIN	2,931,178	WHITE, WILLIAM B.	2,931,048	YANG, JING	2,931,528
WAGNER, TZIPORA	2,931,347	WICKLUND, RACHEL A.	2,931,320	YANG, MAOJUN	2,931,069
WAKEMAN, LAWRENCE KENDRICK	2,931,257	WICKMAN, GRANT RAYMOND	2,931,356	YANG, MAOJUN	2,931,150
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WALLACE, ELI M.	2,931,085	WIENER, HAROLD	2,928,999	YE, JING	2,931,386
WALSH, RYAN	2,931,166	WILBER, WILLIAM D.	2,931,406	YERRAMALLI, SRINIVAS	2,930,327
WALTERS, IAIN	2,931,302	WILCOX, JOE	2,931,311	YEUNG, BRYAN RUSSELL	2,931,530
WALTON, ZACHARY W.	2,930,970	WILDSMITH, CHRISTOPHER	2,931,287	YIN, BEI	2,931,052
WANG, BIN	2,931,085	WILLIAMS, BRENNON	2,931,305	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.	2,928,999
WANG, ENSI	2,931,147	WILLIAMS, RODGER K.	2,931,468	YOKOHARA, HAYATO	2,931,076
WANG, FENGLAI	2,931,532	WINDREICH, SHLOMO	2,931,489	YOKOTA, TAKANORI	2,931,056
WANG, GUOCHENG	2,931,291	WINSLOW, DANIEL	2,931,099	YOKOUCHI, FUMIKA	2,931,074
WANG, GUOCHENG	2,931,366	WINSLOW, DANIEL	2,931,101	YONEBAYASHI, TORU	2,931,281
WANG, HAO	2,931,083	WINTER, REMKO TSJIBBE	2,931,591	YONEYAMA, TSUYOSHI	2,931,087
WANG, HAO	2,931,331	WINTZ, TREVOR	2,931,071	YOSHIDOME, AKIHIRO	2,931,062
WANG, HUI-QIN	2,931,073	WISECON A/S	2,930,842	YOSHIKAWA, MASAKI	2,931,087
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WANG, JAMES H.	2,931,295	WITVLIET, MAARTEN HENDRIK	2,931,136	YU, BIN	2,929,937
WANG, JAMES H.	2,931,432	WM. WRIGLEY JR. COMPANY	2,931,350	YU, HAOPING	2,931,386
WANG, KAIQIAN	2,931,066	WOBLEN PROPERTIES GMBH	2,931,573	YU, PAUL	2,931,309
WANG, KEQI	2,931,532	WOCKHARDT LIMITED	2,931,070	YU, SHANG-FAN	2,931,340
WANG, LEI	2,931,147	WOLFING, BERND	2,931,168	YU, YANPING	2,931,528
WANG, PENCHENG	2,931,185	WONG, ERICK	2,931,093	YU, YUEQIANG	2,931,049
WANG, PENG	2,931,430	WONG, HONG	2,924,365	YU, ZHIZHAO	2,929,389
WANG, TING FANG	2,931,045	WOODBURY, JASON	2,931,195	YUAN, QUAN	2,931,216
WANG, WEI	2,931,386	WOODBURY, NATHAN	2,931,054	YUM, SU IL	2,931,547
WANG, XIAN	2,931,386	WOODCRAFT, VALENTINA A.	2,931,479	YUNG, W.K. ALFRED	2,931,322
WANG, XIONGCHENG	2,931,049	WOODYER, RYAN D.	2,931,320	ZANELATO, ANNA MARIA	2,931,370
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WANG, YONGFENG	2,931,291	WU, YAN	2,931,340	ZERELLI, SAFOUANE	2,931,109
WANG, YONGFENG	2,931,366	WU, YONGHUA	2,931,067	ZHA, WEIBIN	2,930,985
WANG, YUAN	2,931,069	XENEX DISINFECTION SERVICES, LLC	2,931,403	ZHANG, BEILI	2,931,550
WANG, YUAN	2,931,150	XENEX DISINFECTION SERVICES, LLC	2,931,506	ZHANG, CHUNHUA	2,931,072
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WARRIER, ARAVINDAN	2,931,117	XIA, YING	2,931,150	ZHANG, XIAOYU	2,931,430
WATANABE, TAKAHIRO	2,931,282	XIAO, QIANG	2,931,528	ZHANG, XINGMIN	2,931,147
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WATSON, RANDALL ALAN	2,931,244	XU, HAO	2,930,327	ZHANG, YI	2,931,399
WATSON, REILLY	2,931,519	XU, LIANG	2,931,523	ZHANG, YONGFU	2,931,072
WAYNE FUELING SYSTEMS LLC	2,931,024	XU, RUI	2,931,085	ZHAO, HONG	2,931,532
WEBBER, PETER A.	2,931,192	XU, WEI	2,931,450	ZHAO, YONG	2,931,067
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WECKES, JAN	2,931,321	XU, WENJIE	2,931,155	ZHEJIANG ZHENSHEN INSULATION TECHNOLOGY CORPORATION LIMITED	2,931,072
WEGER, MARTIN	2,931,251	XU, WENJIE	2,931,156	ZHENG, HONGGAND	2,931,135
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WEHRMANN, RICK STEVEN	2,931,243	XU, YAOWU	2,931,226	ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.	2,931,067
WEI, XIN	2,931,287	XU, YONG	2,931,528	ZHOU, HONGYING	2,931,285
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E.I. DUPONT DE NEMOURS AND COMPANY	2,930,803	NAGGE, RORY	2,929,643		
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		QUIGLEY, SCOTT	2,928,858		
		RAO, VELLIYUR NOTT MALLIKARJUNA	2,930,803		
		RAULEDER, HARTWIG	2,913,549		
		REDD, CHARLES ALLEN	2,928,426		
		RIECK, HEIKO	2,930,246		
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