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La Gazette

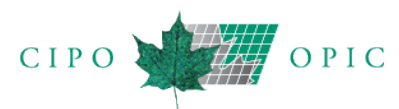
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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

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

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

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

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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

Preliminary Examination

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

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

* 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).

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

4. Taxe pour paiement tardif

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

Examen préliminaire

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

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

* 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. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

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

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

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

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

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

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

Notices

Time limits under the Patent Cooperation Treaty

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

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

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

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

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

Avis

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

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

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

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

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

14. Practice Notice

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

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

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

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

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

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

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

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

14. Énoncé de pratique

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

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

Notices

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

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

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

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

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

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

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

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

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

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

Avis

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

15. Correspondence Procedures

November 20, 2015

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 20 novembre, 2015

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 Mail Service of Canada Post

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

CIPO considers that correspondence delivered through the Registered Mail Service 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 national phase will not be accepted.

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 de Postes Canada

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

L'OPIC considère que la correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada est reçue 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 des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Notices

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](#).

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](#).

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 « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

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

Format TIFF :

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

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](#).

Notices

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 23, 2016 contains applications open to public inspection from February 7, 2016 to February 13, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 23 février 2016 contient les demandes disponibles au public pour consultation pour la période du 7 février 2016 au 13 février 2016.

Canadian Patents Issued

February 23, 2016

Brevets canadiens délivrés

23 février 2016

[11] **2,303,299**
[13] C

[51] **Int.Cl. C07H 21/00 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE ANALOGUES**

[54] **ANALOGUES D'OLIGONUCLEOTIDES**

[72] WENGEL, JESPER, DK
[72] NIELSEN, POUL, DK
[73] EXIQON A/S, DK
[85] 2000-03-13
[86] 1998-09-14 (PCT/DK1998/000393)
[87] (WO1999/014226)
[30] DK (1054/97) 1997-09-12
[30] DK (1492/97) 1997-12-19
[30] DK (0061/98) 1998-01-16
[30] DK (0286/98) 1998-03-03
[30] DK (0585/98) 1998-04-29
[30] US (60/088,309) 1998-06-05
[30] DK (PA 1998 00750) 1998-06-08
[30] DK (PA 1998 00982) 1998-07-28

[11] **2,311,999**
[13] C

[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) A61K 38/00 (2006.01)**

[25] EN
[54] **GENETIC INHIBITION BY DOUBLE-STRANDED RNA**

[54] **INHIBITION GENETIQUE PAR DE L'ARN DOUBLE BRIN**

[72] FIRE, ANDREW, US
[72] KOSTAS, STEPHEN A., US
[72] XU, SIQUN, US
[72] TIMMONS, LISA, US
[72] MONTGOMERY, MARY K., US
[72] TABARA, HIROAKI, US
[72] DRIVER, SAMUEL E., US
[72] MELLO, CRAIG C., US
[73] THE CARNEGIE INSTITUTION OF WASHINGTON, US
[73] THE UNIVERSITY OF MASSACHUSETTS, US
[85] 2000-06-02
[86] 1998-12-21 (PCT/US1998/027233)
[87] (WO1999/032619)
[30] US (60/068,562) 1997-12-23
[30] US (09/215,257) 1998-12-18

[11] **2,435,081**
[13] C

[51] **Int.Cl. C12N 15/53 (2006.01) A01H 5/00 (2006.01) A01K 67/00 (2006.01) A61K 31/20 (2006.01) C07K 16/40 (2006.01) C11B 1/00 (2006.01) C12N 9/02 (2006.01) C12N 15/11 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01) C12N 15/85 (2006.01) C12P 7/62 (2006.01) C12P 7/64 (2006.01) C12Q 1/68 (2006.01) G01N 33/573 (2006.01)**

[25] EN
[54] **METHOD FOR PRODUCING POLYUNSATURATED FATTY ACIDS, NOVEL BIOSYNTHESIS GENES AND NOVEL PLANT EXPRESSION CONSTRUCTS**

[54] **PROCEDE DE PRODUCTION D'ACIDES GRAS POLYINSATURES, NOUVEAUX GENES BIOSYNTHETIQUES ET NOUVELLES CONSTRUCTIONS D'EXPRESSION VEGETALES**

[72] LERCHL, JENS, SE
[72] RENZ, ANDREAS, DE
[72] HEINZ, ERNST, DE
[72] DOMERGUE, FREDERIC, DE
[72] ZAHNINGER, ULRICH, DE
[73] BASF PLANT SCIENCE GMBH, DE
[85] 2003-07-16
[86] 2002-01-18 (PCT/EP2002/000462)
[87] (WO2002/057465)
[30] DE (101 02 337.5) 2001-01-19

[11] **2,440,330**
[13] C

[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07H 21/00 (2006.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)**

[25] EN
[54] **LIPID METABOLISM REGULATORS IN PLANTS**

[54] **REGULATEUR DU METABOLISME LIPIDIQUE DANS LES VEGETAUX**

[72] BENNING, CHRISTOPH, US
[72] CERNAC, ALEX, US
[73] MICHIGAN STATE UNIVERSITY, US
[85] 2003-09-05
[86] 2002-03-08 (PCT/US2002/007441)
[87] (WO2002/072775)
[30] US (60/274,170) 2001-03-08

[11] **2,465,997**
[13] C

[51] **Int.Cl. H04L 12/58 (2006.01) H04L 29/02 (2006.01) H04L 29/06 (2006.01)**

[25] EN
[54] **PEER-TO-PEER NAME RESOLUTION WIRE PROTOCOL AND MESSAGE FORMAT DATA STRUCTURE FOR USE THEREIN**

[54] **PROTOCOLE DE CABLAGE PERMETTANT LA RESOLUTION DES NOMS ENTRE PAIRS ET STRUCTURE DE DONNEES DES FORMATS DE MESSAGE UTILISEE DANS CE PROTOCOLE**

[72] MILLER, JOHN L., US
[72] RAWAS, HENRY, US
[72] SIMIONESCU, RADU, US
[72] LIEUALLEN, BRIAN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[86] (2465997)
[87] (2465997)
[22] 2004-05-03
[30] US (10/461,940) 2003-06-13

**Canadian Patents Issued
February 23, 2016**

[11] **2,468,083**
[13] C

[51] **Int.Cl. A61K 31/472 (2006.01) A61K 31/47 (2006.01) A61P 7/06 (2006.01) C07K 14/47 (2006.01) C07K 14/505 (2006.01) C12Q 1/00 (2006.01)**

[25] EN

[54] **USE OF HETEROCYCLIC CARBOXAMIDES TO TREAT ANEMIA**

[54] **UTILISATION DE CARBOXAMIDES HETEROCYCLIQUES POUR TRAITER L'ANEMIE**

[72] KLAUS, STEPHEN J., US

[72] LIN, AL Y., US

[72] NEFF, THOMAS B., US

[72] WANG, QINGJIAN, US

[72] GUENZLER-PUKALL, VOLKMAR, US

[72] AREND, MICHAEL P., US

[72] FLIPPIN, LEE A., US

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[73] BIOSENSE WEBSTER, INC., US

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[54] **PANIERS PUBLICITAIRES POUR CONTROLES DE SECURITE**

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[54] **METHOD FOR VIEWING DOCUMENT INFORMATION ON A MOBILE COMMUNICATION DEVICE**

[54] **METHODE DE VISUALISATION D'INFORMATION DE DOCUMENT SUR UN DISPOSITIF DE COMMUNICATION MOBILE**

[72] DUMITRU, DAN, US

[72] YUAN, OLIVER, US

[72] SYLTHE, OLAV A., US

[73] BLACKBERRY LIMITED, CA

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[54] **SYSTEME ET PROCEDE DE PRODUCTION D'HYDROGENE A HAUTE PRESSION**

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[72] AULICH, TED, US

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[54] **VACCIN THERAPEUTIQUE CIBLE CONTRE LA P-GLYCOPROTEINE 170 POUR INHIBER LA RESISTANCE MULTIDROGUES DANS LE TRAITEMENT DES CANCERS**

[72] TOSI, PIERRE-FRANCOIS, FR

[72] MADOULET, CLAUDIE, FR

[72] NICOLAU, CLAUDE, FR

[72] HICKMAN, DAVID T., CH

[73] AC IMMUNE S.A., CH

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[72] MADHANI, VIPIN, US

[72] JOHNSEN, ANDREW O., US

[73] OSRAM SYLVANIA INC., US

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[54] **POWER SEMICONDUCTOR PACKAGING METHOD AND STRUCTURE**

[54] **METHODE ET STRUCTURE DE MISE SOUS BOITIER DE DISPOSITIFS A SEMICONDUCTEURS DE PUISSANCE**

[72] FILLION, RAYMOND ALBERT, US

[72] BEAUPRE, RICHARD ALFRED, US

[72] ELASSER, AHMED, US

[72] WOJNAROWSKI, ROBERT JOHN, US

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[72] LIEBETON, KLAUS, DE

[72] ECK, JUERGEN, DE

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[54] **ANTICORPS SPECIFIQUES DESTINES A DES PROTOFIBRILLES PEPTIDIQUES AMYLOIDES BETA ET UTILISATIONS ASSOCIEES**

[72] GELLERFORS, PAR, SE

[72] LANNFELT, LARS, SE

[73] BIOARCTIC NEUROSCIENCE AB, SE

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[54] **BRAS FLEXIBLE DE ROBINET**

[72] MALEK, MICHAEL L., US

[72] TUCKER, W. RANDALL, US

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[54] **REFLECTION MICROSCOPE FOR EXAMINATION OF THE CORNEAL ENDOTHELIUM AND METHOD OF OPERATING SAME**

[54] **MICROSCOPE A REFLEXION D'ENDOTHELIUM DESTINE A L'EXAMEN DE L'ENDOTHELIUM DE LA CORNEE ET PROCEDE D'UTILISATION CORRESPONDANT**

[72] MURA, SERGIO, IT

[73] COSTRUZIONI STRUMENTI OFTALMICI C.S.O. S.R.L., IT

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[54] **PROCEDE ET APPAREIL D'AUTOTITRAGE**

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[72] WHITING, DAVID ROBIN, NZ

[72] GERRED, ANDREW GORDON, NZ

[72] SMITH, GREGORY MARTYN, NZ

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[54] **DISTRIBUTEUR DE SERVIETTES**
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[72] YOUNG, MICHAEL, US
[72] COLLINS, SCOTT, US
[72] GUPTA, NISHA, US
[72] WALSH, JAMES, US
[72] FLUEGGE, CRAIG, US
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[54] **PROCEDE ET SYSTEME PERMETTANT D'ACTIVER UNE SOLUTION DE NAVIGATION NON YRANSPORTEE**
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[72] SHEHA, ANGIE, US
[72] GODDARD, MARK, US
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[54] **SYSTEM AND METHOD FOR IMPLEMENTING PUSH TECHNOLOGY IN A WIRELESS FINANCIAL TRANSACTION**
[54] **SYSTEME ET PROCEDE POUR LA MISE EN OEUVRE D'UNE TECHNOLOGIE DU POUSSER DANS UNE TRANSACTION FINANCIERE SANS FIL**
[72] MYLET, DARRIN MICHAEL, US
[72] AMAITIS, LEE M., GB
[73] CFPH, LLC, US
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[54] **DISPOSITIF D'ADAPTATION D'INITIATION DE CHARGE POUR UN DEFIBRILLATEUR A SYNCHRONISATION AUTOMATIQUE IMPLANTABLE**
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[54] **ENSEMBLE DE DETECTION**
[72] CORNWALL, REMI OSERI, GB
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[85] 2007-06-06
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[54] **METHODS AND SYSTEMS FOR LOCATING AND IDENTIFYING LABWARE USING RADIO-FREQUENCY IDENTIFICATION TAGS**
[54] **METHODES ET SYSTEMES POUR LA LOCALISATION ET L'IDENTIFICATION DE MATERIEL DE LABORATOIRE AU MOYEN D'ETIQUETTES D'IDENTIFICATION PAR RADIO-FREQUENCE**
[72] UNKNOWN, ZZ
[72] HARAZIN, RICHARD R., US
[72] ZWEIFEL, RONALD A., US
[73] PERKINELMER LAS, INC., US
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[54] **METHODS AND KITS FOR STRAND-SPECIFIC POLYNUCLEOTIDE DETECTION WITH CATIONIC MULTICHRMOPHORES**
[54] **METHODES ET TROUSSES DE DETECTION DE POLYNUCLEOTIDES SPECIFIQUES DE BRIN A MULTICHRMOPHORES CATIONIQUES**
[72] BAZAN, GUILLERMO, US
[72] LIU, BIN, SG
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **AUTONOMOUS INSPECTOR MOBILE PLATFORM**

[54] **PLATE-FORME MOBILE D'INSPECTION AUTONOME**

[72] REVERTE, CARLOS, US

[72] THAYER, SCOTT M., US

[72] WHITTAKER, WILLIAM, US

[72] CLOSE, ERIC C., US

[72] SLIFKO, ADAM, US

[72] HUDSON, EDISON T., US

[72] VALLAPUZHA, SUBRAMANIAN, US

[73] REDZONE ROBOTICS, INC., US

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[54] **METHOD AND APPARATUS FOR MEASURING MOTION OF A SUBJECT USING A SERIES OF PARTIAL IMAGES FROM AN IMAGING SYSTEM**

[54] **PROCEDE ET APPAREIL DE MESURE DE DEPLACEMENT D'UN SUJET AU MOYEN D'UNE SERIE D'IMAGES PARTIELLES D'UN SYSTEME D'IMAGERIE**

[72] EVERETT, MATTHEW J., US

[72] FLACHENECKER, CLAUS, US

[72] HACKER, MARTIN, DE

[72] MEYER, SCOTT A., US

[72] O'HARA, KEITH E., US

[72] WILLIAMS, RICK A., US

[73] CARL ZEISS MEDITEC AG, DE

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[54] **RECONFIGURATION DE CANAL A PARTIR D'INFORMATION PARALLELE**

[72] SEEFELDT, ALAN JEFFREY, US

[72] VINTON, MARK STUART, US

[72] ROBINSON, CHARLES QUITO, US

[73] DOLBY LABORATORIES LICENSING CORPORATION, US

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[54] **COMBINATIONS COMPRISING GLUFOSINATE AND STROBILURINS**

[54] **COMBINAISONS COMPRENANT DU GLUFOSINATE ET DES STROBILURINES**

[72] STENZEL, KLAUS, DE

[72] DOLLINGER, MARKUS, FR

[72] DAHMEN, PETER, DE

[72] WACHENDORFF-NEUMANN, ULRIKE, DE

[72] HAEUSER-HAHN, ISOLDE, DE

[72] GROSJEAN, MARIE-CLAIRE, FR

[72] LEROUX, BERNARD MARC, FR

[72] SAWADA, HARUKO, JP

[72] HADANO, HIROYUKI, JP

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[54] **CONTENANT RECEVANT ET RETENANT LE MARC DE CAFE HUMIDE UTILISE**

[72] HALLMAN, DAVID, CA

[72] DUNCAN, DAVID, CA

[72] MATTHEWS, BRIAN, CA

[73] 2219089 ONTARIO LIMITED, CA

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[54] **PROCEDE DE FABRICATION D'EPTIFIBATIDE**

[72] COLLIN, ANDRE, BE

[72] TAMBUYSER, THIERRY, BE

[73] PEPTISYNTHA SA, BE

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[54] **MOMENT FRAME CONNECTOR**

[54] **CONNECTEUR DE CHARPENTE A MOMENT**

[72] HIRIYUR, BADRI, US

[72] PRYOR, STEVEN E., US

[73] SIMPSON STRONG-TIE COMPANY, US

[86] (2616474)

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[54] **FLEXIBLE BALLISTIC COMPOSITES RESISTANT TO LIQUID PICK-UP, METHOD FOR MANUFACTURE AND ARTICLES MADE THEREFROM**
[54] **COMPOSITES BALISTIQUES FLEXIBLES RESISTANTS A LA PRISE DE LIQUIDES, LEUR PROCEDE DE FABRICATION ET ARTICLES REALISES A PARTIR DE CES COMPOSITES**
[72] BHATNAGAR, ASHOK, US
[72] HURST, DAVID A., US
[72] ARVIDSON, BRIAN D., US
[72] STEENKAMER, DAVID A., US
[72] WAGNER, LORI L., US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **PROCEDE D'ETALONNAGE DE PARAMETRES**
[72] CARRICK, JAMES M., US
[72] KENNEDY, MARK R., US
[72] CHISMAR, JEFFREY D., US
[73] GEN-PROBE INCORPORATED, US
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[54] **MUTANTS D'UN FACTEUR DE CROISSANCE AYANT UNE ACTIVITE ELEVEE**
[72] POHL, JENS, DE
[72] PLOGER, FRANK, DE
[72] KRUSE, MICHAEL, DE
[73] BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG VON PHARMAKA MBH, DE
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[25] EN
[54] **SYSTEM FOR REMOTELY EVALUATING ANTENNA INSTALLATION IN A RADIO NETWORK**
[54] **SYSTEME PERMETTANT D'EVALUER A DISTANCE UNE INSTALLATION D'ANTENNE DANS UN RESEAU RADIO**
[72] LENNARTSON, BENNY, SE
[72] SUNDBERG, KRISTER, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2008-04-28
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[25] FR
[54] **METHOD OF PRODUCING AN IMPACT-RESISTANT THERMOPLASTIC RESIN**
[54] **PROCEDE DE FABRICATION D'UNE RESINE THERMOPLASTIQUE AVEC UNE RESISTANCE A L'IMPACT**
[72] MONGOIN, JACQUES, FR
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK, CH
[72] GUERRET, OLIVIER, FR
[72] ROUSSET, JACKY, FR
[72] SAUNDERS, GEORGES, US
[73] COATEX S.A.S., FR
[73] OMYA INTERNATIONAL AG, CH
[85] 2008-04-28
[86] 2006-10-23 (PCT/IB2006/003054)
[87] (WO2007/052122)
[30] FR (05 11274) 2005-11-04

[11] **2,628,015**
[13] C

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[25] EN
[54] **FIXED RATIO DRUG COMBINATION TREATMENTS FOR SOLID TUMORS**
[54] **TRAITEMENT A BASE DE COMBINAISONS DE MEDICAMENTS A RAPPORT FIXE POUR LE TRAITEMENT DE TUMEURS SOLIDES**
[72] MAYER, LAWRENCE, CA
[72] SWENSON, CHRISTINE, US
[72] JANOFF, ANDREW, US
[72] REDMAN, JOHN, US
[73] CELATOR PHARMACEUTICALS, INC., US
[85] 2008-04-24
[86] 2006-10-25 (PCT/US2006/041832)
[87] (WO2007/050784)
[30] US (60/730,199) 2005-10-25
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[25] FR

[54] **ACCELEROMETER FOR MEASURING VIBRATIONS WITH AN OPTICAL SENSOR**

[54] **ACCELEROMETRE POUR LA MESURE DE VIBRATIONS AVEC CAPTEUR OPTIQUE**

[72] COCHARD, MICHEL, CH

[73] MC-MONITORING S.A., CH

[85] 2008-05-01

[86] 2006-11-03 (PCT/EP2006/068057)

[87] (WO2007/051831)

[30] CH (1773/05) 2005-11-04

[11] **2,628,295**
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[25] EN

[54] **ABSORPTIVE ELEMENT TO BE MOUNTED ON HUMAN OR ANIMAL SKIN SURFACES**

[54] **ELEMENT ABSORBANT A INSTALLER SUR DES SURFACES DE PEAU HUMAINE OU ANIMALE**

[72] RIESINGER, BIRGIT, DE

[73] BSN MEDICAL GMBH, DE

[85] 2008-04-30

[86] 2006-10-31 (PCT/EP2006/010482)

[87] (WO2007/051599)

[30] DE (202005017211.1) 2005-11-02

[11] **2,631,699**
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[25] EN

[54] **A PARKING METER AND A DEVICE THEREFOR**

[54] **PARCMETRE ET DISPOSITIF ASSOCIE**

[72] KING, DAVID WILLIAM, US

[72] SCHWARZ, ALEXANDER, US

[73] IPS GROUP INC., US

[85] 2008-05-30

[86] 2006-12-04 (PCT/IB2006/054574)

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[30] US (60/741,920) 2005-12-02

[11] **2,634,947**
[13] C

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[54] **PORTABLE AUTONOMOUS TERMINAL GUIDANCE SYSTEM**

[54] **SYSTEME PORTATIF AUTONOME DE GUIDAGE TERMINAL**

[72] WILKINS, ROBERT RYAN JR., US

[72] NEWMAN, DANIEL I., US

[73] THE BOEING COMPANY, US

[86] (2634947)

[87] (2634947)

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[30] US (11/772,072) 2007-06-29

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[25] EN

[54] **EVAPORATIVE COOLING DEVICE**

[54] **DISPOSITIF DE REFROIDISSEMENT PAR EVAPORATION**

[72] CLARKSON, PAUL MAGNUS, NL

[72] NIJSEN, ANDREAS JACOBUS LOUIS, NL

[72] REINDERS, JOHANNES ANTONIUS MARIA, NL

[73] OXYCOM BEHEER B.V., NL

[85] 2008-07-09

[86] 2006-12-22 (PCT/EP2006/070205)

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[25] EN

[54] **SPIDER SILK PROTEINS AND METHODS FOR PRODUCING SPIDER SILK PROTEINS**

[54] **PROTEINES DE SOIE D'ARAIGNEE ET LEURS PROCEDES DE PRODUCTION**

[72] JOHANSSON, JAN, SE

[72] HJAEELM, GOERAN, SE

[72] STARK, MARGARETA, SE

[72] RISING, ANNA, SE

[72] GRIP, STEFAN, SE

[72] ENGSTROEM, WILHELM, SE

[72] HEDHAMMAR, MY, SE

[73] SPIBER TECHNOLOGIES AB, SE

[85] 2008-06-27

[86] 2006-12-28 (PCT/SE2006/001505)

[87] (WO2007/078239)

[30] SE (0502932-7) 2005-12-30

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[25] EN

[54] **APPATATUS WITH CONTROL LINKAGE FOR RE-SUSPENDING SOLIDS IN FLUID IN A TANK**

[54] **APPAREIL POURVU D'UNE TRINGLERIE DE COMMANDE POUR REMETTRE EN SUSPENSION DES SOLIDES DANS LE LIQUIDE D'UN RESERVOIR**

[72] SAVARD, DONALD D., CA

[73] MIXER TECHNOLOGIES INC., CA

[86] (2637286)

[87] (2637286)

[22] 2008-07-02

[11] **2,638,703**
[13] C

[51] **Int.Cl. A42B 3/04 (2006.01) A42B 3/14 (2006.01) A42B 3/32 (2006.01) A63B 71/10 (2006.01) A42B 3/08 (2006.01)**

[25] EN

[54] **ADJUSTABLE HOCKEY HELMET**

[54] **CASQUE DE HOCKEYEUR REGLABLE**

[72] BELANGER, GUILLAUME, CA

[72] BELAND, JEAN-FRANCOIS, CA

[73] EASTON HOCKEY, INC., US

[86] (2638703)

[87] (2638703)

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[25] EN
[54] **ARBITRARY RATIO IMAGE RESIZING IN THE DCT DOMAIN**
[54] **REMISE A L'ECHELLE D'IMAGE A RAPPORT ARBITRAIRE DANS LE DOMAINE D'UNE TRANSFORMEE DISCRETE EN COSINUS**
[72] WANG, LONGJI, CA
[72] YANG, EN-HUI, CA
[73] BLACKBERRY LIMITED, CA
[86] (2641235)
[87] (2641235)
[22] 2008-10-20
[30] EP (07118894.0) 2007-10-19

[11] **2,645,092**
[13] C
[51] **Int.Cl. E21B 43/25 (2006.01) C09K 8/52 (2006.01) C09K 8/60 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **WATER TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT D'EAU**
[72] MESHER, SHAUN T., CA
[73] STEP ENERGY SERVICES LTD., CA
[86] (2645092)
[87] (2645092)
[22] 2008-11-27

[11] **2,645,215**
[13] C
[51] **Int.Cl. A01N 43/653 (2006.01) A01N 43/42 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITION COMPRISING SULFENTRAZONE AND QUINCLORAC**
[54] **COMPOSITION HERBICIDE CONTENANT DU SULFENTRAZONE ET DU QUINCLORAC**
[72] WALTER, JAMES, US
[72] WALLS, FRANK ROBERT, JR., US
[73] FMC CORPORATION, US
[86] (2645215)
[87] (2645215)
[22] 2008-11-26
[30] US (61/007,316) 2007-12-12

[11] **2,646,041**
[13] C
[51] **Int.Cl. F02N 11/04 (2006.01) F01D 19/00 (2006.01) F02C 7/268 (2006.01) H02P 9/00 (2006.01)**
[25] EN
[54] **AIRCRAFT ENGINE STARTER/GENERATOR AND CONTROLLER**
[54] **GENE-DEMARREUR DE MOTEUR D'AVION ET CONTROLEUR CORRESPONDANT**
[72] HUANG, HAO, US
[72] KARIPIDES, DAVID, US
[72] ABBAS, MOHAMED, US
[72] TSUI, DAVID, US
[73] GE AVIATION SYSTEMS LLC, US
[85] 2008-09-11
[86] 2007-03-23 (PCT/US2007/007192)
[87] (WO2007/111970)
[30] US (60/785,363) 2006-03-24
[30] US (11/452,236) 2006-06-14

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[25] EN
[54] **IMPROVED BREWING PROCESS**
[54] **PROCEDE DE BRASSAGE AMELIORE**
[72] NGUYEN, MINH-TAM, NL
[72] EDENS, LUPPO, NL
[72] ROON, VAN JEROEN LOUIS, NL
[73] DSM IP ASSETS B.V., NL
[85] 2008-12-17
[86] 2007-06-22 (PCT/EP2007/056259)
[87] (WO2007/101888)
[30] EP (06117178.1) 2006-07-13
[30] US (60/903,539) 2007-02-27
[30] US (60/924,236) 2007-05-04

[11] **2,647,534**
[13] C
[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **METHODS FOR DESIGNING TINTED CONTACT LENSES**
[54] **PROCEDE POUR CONCEVOIR DES LENTILLES DE CONTACT TEINTEES**
[72] HOFMANN, GREGORY J., US
[72] CLARK, DOUGLAS, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2008-09-26
[86] 2007-03-23 (PCT/US2007/064783)
[87] (WO2007/112306)
[30] US (11/390,010) 2006-03-27

[11] **2,647,545**
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[25] EN
[54] **AMIDE SUBSTITUTED INDAZOLE AND BENZOTRIAZOLE DERIVATIVES AS POLY(ADP-RIBOSE)POLYMERASE (PARP) INHIBITORS**
[54] **UTILISATION DE DERIVES DE BENZOTRIAZOLE ET D'INDAZOLE AMIDE SUBSTITUEE COMME INHIBITEURS DE LA POLY(ADP-RIBOSE)POLYMERASE (PARP)**
[72] BOUERES, JULIA KAY, IT
[72] BRANCA, DANILA, IT
[72] FERRIGNO, FEDERICA, IT
[72] JONES, PHILIP, IT
[72] MURAGLIA, ESTER, IT
[72] ONTORIA ONTORIA, JESUS MARIA, IT
[72] ORVIETO, FEDERICA, IT
[72] SCARPELLI, RITA, IT
[72] SCHULTZ-FADEMRECHT, CARSTEN, IT
[73] MSD ITALIA S.R.L., IT
[85] 2008-09-25
[86] 2007-04-02 (PCT/GB2007/050177)
[87] (WO2007/113596)
[30] GB (0606663.3) 2006-04-03
[30] GB (0615907.3) 2006-08-11
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[11] **2,648,689**
[13] C

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[25] EN

[54] **SECURITY SPLICING SYSTEM OF ALIGNED PIPES, AGAINST THE EXPANSION AND/OR CONTRACTION THEREOF**

[54] **SYSTEME D'EPISSURAGE DE SECURITE POUR TUYAUX ALIGNES VISANT A PREVENIR LEUR DILATATION ET/OU LEUR CONTRACTION**

[72] PIRES CABADO, ELISABET PATRICIA, ES

[72] PIRES CABADO, BARBARA INES, ES

[73] PIRES CABADO, ELISABET PATRICIA, ES

[73] PIRES CABADO, BARBARA INES, ES

[86] (2648689)

[87] (2648689)

[22] 2009-01-08

[30] ES (200800702 (2)) 2008-03-11

[11] **2,648,840**
[13] C

[51] **Int.Cl. B01J 10/00 (2006.01) B01F 3/04 (2006.01) B01D 3/16 (2006.01)**

[25] EN

[54] **VAPOUR-LIQUID DISTRIBUTION DEVICE**

[54] **DISPOSITIF DE DISTRIBUTION DE VAPEUR ET DE LIQUIDE**

[72] JARLKOV, KLAUS RISBJERG, DK

[73] HALDOR TOPSOEE A/S, DK

[86] (2648840)

[87] (2648840)

[22] 2009-01-08

[30] DK (PA 2008 00029) 2008-01-09

[11] **2,648,889**
[13] C

[51] **Int.Cl. A61K 38/22 (2006.01)**

[25] EN

[54] **USE OF THYMOSIN ALPHA 1 FOR THE TREATMENT OF IMMUNOLOGICAL DISEASES**

[54] **UTILISATION DE THYMOSINE ALPHA 1 POUR LE TRAITEMENT DE MALADIES IMMUNOLOGIQUES**

[72] ROMANI, LUIGINA, IT

[72] BISTONI, FRANCESCO, IT

[72] GARACI, ENRICO, IT

[73] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT

[85] 2008-10-09

[86] 2007-04-04 (PCT/EP2007/053321)

[87] (WO2007/134908)

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[11] **2,649,710**
[13] C

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[25] EN

[54] **USE OF OPIOID ANTAGONISTS TO ATTENUATE ENDOTHELIAL CELL PROLIFERATION AND MIGRATION**

[54] **UTILISATION D'ANTAGONISTES DES OPIOIDES POUR ATTENUER LA PROLIFERATION ET LA MIGRATION DES CELLULES ENDOTHELIALES**

[72] MOSS, JONATHAN, US

[72] LINGEN, MARK, US

[72] SINGLETON, PATRICK A., US

[72] GARCIA, JOE G.N., US

[72] YUAN, CHUN-SU, US

[73] THE UNIVERSITY OF CHICAGO, US

[85] 2008-10-16

[86] 2007-04-17 (PCT/US2007/066806)

[87] (WO2007/121447)

[30] US (11/379,010) 2006-04-17

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[13] C

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[25] EN

[54] **PLUG-TYPE CONNECTION**

[54] **SYSTEME DE CONNEXION ENFICHABLE**

[72] SCHLEITH, RALF, DE

[73] MULTI-HOLDING AG, CH

[85] 2008-10-27

[86] 2007-05-02 (PCT/CH2007/000215)

[87] (WO2007/128152)

[30] CH (740/06) 2006-05-08

[11] **2,652,566**
[13] C

[51] **Int.Cl. G01S 15/89 (2006.01) G01S 7/52 (2006.01)**

[25] FR

[54] **SONAR IMAGING SYSTEM WITH A SYNTHETIC APERTURE**

[54] **SYSTEME D'IMAGERIE SONAR A OUVERTURE SYNTHETIQUE**

[72] JEAN, FREDERIC, FR

[72] CHARLOT, DIDIER, FR

[72] NAPOLITANO, FABIEN, FR

[73] IXBLUE, FR

[85] 2008-11-17

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[25] EN

[54] **METHOD OF CONSTRUCTING GENE TRANSPORT SUPPORT**

[54] **PROCEDE DE CONSTRUCTION D'UN SUPPORT DE TRANSPORT GENIQUE**

[72] SHIMATANI, YUKO, JP

[72] HAMAJI, YOSHINORI, JP

[72] MATSUHASHI, HITOMI, JP

[72] AMANO, JUN, JP

[72] TANIGUCHI, SHUN'ICHIRO, JP

[72] FUJIMORI, MINORU, JP

[73] ANAEROPHARMA SCIENCE INC., JP

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[86] 2007-05-24 (PCT/JP2007/060571)

[87] (WO2007/136107)

[30] JP (2006-144720) 2006-05-24

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[25] EN

[54] **FORMULATIONS FOR CELLULAR, FOAMED-POLYMER PRODUCTS BASED ON POLYVINYL CHLORIDE, IMPROVED CELLULAR, FOAMED-POLYMER PRODUCTS BASED ON POLYVINYL CHLORIDE AND A PROCESS FOR PRODUCING SAID IMPROVED CELLULAR FOAMED-POLYMER PRODUCTS**

[54] **FORMULATIONS POUR DES PRODUITS ALVEOLAIRES EN POLYMERE EXPANSE A BASE DE POLYCHLORURE DE VINYLE, MEILLEURS PRODUITS ALVEOLAIRES EN POLYMERE EXPANSE A BASE DE POLYCHLORURE DE VINYLE ET PROCEDE SERVANT A PRODUIRE LESDITS MEILLEURS PRODUITS ALVEOLAIRES EN POLYMERE EXPANSE**

[72] LAURI, LEONE, IT

[72] ANG, SAM SHEHYEE, US

[72] STIGSSON, JAN JERRY CHRISTIAN, SE

[72] BRESSAN, RAFFAELA, IT

[73] DIAB INTERNATIONAL AB, SE

[85] 2008-12-03

[86] 2007-06-05 (PCT/IB2007/001547)

[87] (WO2007/141647)

[30] IT (MI2006A001107) 2006-06-08

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[13] C

[51] **Int.Cl. C08L 31/04 (2006.01) C08J 3/24 (2006.01) C08L 77/00 (2006.01)**

[25] EN

[54] **CROSSLINKABLE COMPOSITIONS, THERMOPLASTIC ELASTOMERS OBTAINABLE THEREFROM AND THEIR USE**

[54] **COMPOSITIONS RETICULABLES, ELASTOMERES THERMOPLASTIQUES RESULTANTS ET LEUR UTILISATION**

[72] VARNHORN, KAY, DE

[72] MERTINKAT, JORG, DE

[73] LANXESS DEUTSCHLAND GMBH, DE

[86] (2656480)

[87] (2656480)

[22] 2009-02-27

[30] DE (10 2008 012 526.1) 2008-03-04

[30] DE (10 2008 038 279.5) 2008-08-18

[11] **2,656,673**
[13] C

[51] **Int.Cl. G06F 17/50 (2006.01) G06F 9/48 (2006.01) G06F 11/36 (2006.01)**

[25] EN

[54] **METHOD OF TESTING THE REAL-TIME CAPABILITY OF A SYSTEM**

[54] **METHODE D'ESSAI DE LA CAPACITE EN TEMPS REEL D'UN SYSTEME**

[72] ALBERS, KARSTEN, DE

[72] BODMANN, FRANK, DE

[72] SLOMKA, FRANK, DE

[73] INCHRON GMBH, DE

[85] 2008-12-31

[86] 2007-06-28 (PCT/EP2007/005732)

[87] (WO2008/003427)

[30] DE (10 2006 031 013.6) 2006-07-03

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[25] EN
[54] **METHODS AND SYSTEMS FOR SECURING A COMPUTER NETWORK**
[54] **PROCEDES ET SYSTEMES POUR SECURISER UN RESEAU INFORMATIQUE**
[72] ROYALTY, CHARLES D., US
[73] THE BOEING COMPANY, US
[85] 2009-01-12
[86] 2007-08-07 (PCT/US2007/017611)
[87] (WO2008/042046)
[30] US (11/538,580) 2006-10-04

[11] **2,661,843**
[13] C

[51] **Int.Cl. A41D 31/00 (2006.01) D02G 3/44 (2006.01)**
[25] EN
[54] **FLAME RESISTANT FABRICS AND GARMENTS MADE FROM SAME**
[54] **TISSUS IGNIFUGES ET VETEMENTS FABRIQUES A PARTIR DE CEUX-CI**
[72] TUTTEROW, D. CRAIG, US
[72] DUNN, CHARLES S., US
[73] SOUTHERN MILLS, INC., US
[85] 2009-02-25
[86] 2007-08-30 (PCT/US2007/019046)
[87] (WO2008/027454)
[30] US (60/841,396) 2006-08-31

[11] **2,661,941**
[13] C

[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **SHOCK ABSORBER FOR SLIDING SLEEVE IN WELL**
[54] **AMORTISSEUR POUR MANCHON COULISSANT DE PUIITS**
[72] LEMBCKE, JEFFREY, US
[72] WILLIAMSON, SCOTT, US
[72] COON, ROBERT, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2661941)
[87] (2661941)
[22] 2009-04-08
[30] US (12/107,894) 2008-04-23

[11] **2,662,753**
[13] C

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[25] EN
[54] **HYBRID SUPPRESSOR TRNA FOR VERTEBRATE CELLS**
[54] **ARNT SUPPRESSEUR HYBRIDE POUR CELLULES DE VERTEBRES**
[72] TIAN, FENG, US
[72] NORMAN, THEA, US
[72] CHU, STEPHANIE, US
[73] AMBRX, INC., US
[85] 2009-03-05
[86] 2007-09-07 (PCT/US2007/019655)
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[30] US (60/843,092) 2006-09-08

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[72] BARNES, TONY, US
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[73] BLD ORIENTAL, LTD., JP
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[54] **A METHOD OF DETECTING AND/OR QUANTIFYING EXPRESSION OF A TARGET PROTEIN CANDIDATE IN A CELL, AND A METHOD OF IDENTIFYING A TARGET PROTEIN OF A SMALL MOLECULE MODULATOR**
[54] **METHODE DE DETECTION ET/OU DE QUANTIFICATION DE L'EXPRESSION D'UNE PROTEINE CIBLE CANDIDATE DANS UNE CELLULE ET METHODE D'IDENTIFICATION D'UNE PROTEINE CIBLE D'UN MODULATEUR DE MOLECULES DE PETITE TAILLE**
[72] EMANS, NEIL, KR
[72] NEHRBASS, ULF, KR
[73] INSTITUT PASTEUR KOREA, KR
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[54] **PROCEDE DE PRODUCTION DE PROTEINES RECOMBINANTES AU MOYEN DE PLANTES CARNIVORES**
[72] BITEAU, FLORE, FR
[72] BOURGAUD, FREDERIC, FR
[72] GONTIER, ERIC, FR
[72] FEVRE, JEAN-PAUL, FR
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[54] **AN ACOUSTIC FACE OF POLYMER AND EMBEDDED COARSE AGGREGATES AND AN ACOUSTIC PANEL ASSEMBLY**
[54] **FACE INSONORISANTE DE POLYMERE ET GROS GRANULATS ENCASTRES ET ENSEMBLE DE PANNEAU INSONORISANT**
[72] DROUIN, JEAN, CA
[73] MODERCO INC., CA
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[54] **COMPOSITION D'ADDITIF ALIMENTAIRE POUR RUMINANTS ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] NAKAZAWA, HIDETSUGU, JP
[72] SATO, HIROYUKI, JP
[72] MIYAZAWA, YUKI, JP
[72] SHIBAHARA, SUSUMU, JP
[72] OKA, SACHIKO, JP
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[54] **GENETIC POLYMORPHISMS ASSOCIATED WITH VENOUS THROMBOSIS, METHODS OF DETECTION AND USES THEREOF**
[54] **POLYMORPHISMES GENETIQUES ASSOCIES A LA THROMBOSE VEINEUSE, PROCEDES POUR LES DETECTER ET UTILISATIONS**
[72] BARE, LANCE, US
[72] DEVLIN, JAMES J., US
[72] ROSENDAAL, FRITS R., US
[72] REITSMA, PIETER H., US
[72] BEZEMER, IRENE D., US
[73] CELERA CORPORATION, US
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[54] **REFRIGERATION SYSTEM WITH A CHARGING LOOP**

[54] **SYSTEME FRIGORIFIQUE AVEC BOUCLE DE CHARGE**

[72] BITTNER, JOHN D., US

[73] HILL PHOENIX, INC., US

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[54] **DISPOSITIF DE REPARATION IMPLANTABLE**

[72] ROUSSEAU, ROBERT A., US

[72] LINDH, DAVID C. SR., US

[72] JACOBS, JOHN R., US

[72] KOYFMAN, ILYA S., US

[72] CHEN, GAOYUAN GAVIN, US

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[54] **PROCESS FOR PRODUCING HYDROCARBON FRACTIONS FROM MIXTURES OF A BIOLOGICAL ORIGIN**

[54] **PROCEDE DE PRODUCTION DE FRACTIONS HYDROCARBONEES A PARTIR DE MELANGES D'ORIGINE BIOLOGIQUE**

[72] PEREGO, CARLO, IT

[72] SABATINO, LUIGINA MARIA FLORA, IT

[72] BALDIRAGHI, FRANCO, IT

[72] FARACI, GIOVANNI, IT

[73] ENI S.P.A., IT

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[54] **DRIVE DEVICE FOR DRIVING A BRUSH ELEMENT OF AN ELECTRIC TOOTHBRUSH**

[54] **DISPOSITIF D'ENTRAINEMENT SERVANT A ENTRAINER UN ELEMENT DE BROSSAGE DE BROSSE A DENTS ELECTRIQUE**

[72] JUNGNICKEL, UWE, DE

[72] HEIL, BENEDIKT, DE

[72] NEYER, CHRISTIAN, DE

[72] KRAUS, BERNHARD, DE

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[54] **FLECHE DE DESARMEMENT**

[72] GARDNER, RICHARD W., US

[72] SHAFFER, MICHAEL JAY, US

[72] BEDNAR, RICHARD J., US

[73] HUNTER'S MANUFACTURING COMPANY, INC., D/B/A AS TENPOINT CROSSBOW TECHNOLOGIES, US

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[54] **PROCESS FOR THE ENANTIOSELECTIVE ENZYMATIC REDUCTION OF SECODIONE DERIVATIVES**

[54] **PROCEDE DE REDUCTION ENZYMATIQUE ENANTIOSELECTIVE DE DERIVES DE SECODIONE**

[72] GUPTA, ANTJE, DE

[72] TSCHENTSCHER, ANKE, DE

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[54] **INSECT-REPELLANT FABRICS AND METHODS FOR MAKING THEM**

[54] **TISSUS INSECTIFUGES ET LEURS PROCEDES DE FABRICATION**

[72] TRUESDALE, REMBERT JOSEPH, US

[72] RIGGINS, PHILLIP H., US

[73] SOUTHERN MILLS, INC., US

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[54] **PROCEDE DESTINE A TRAITER UN MATERIAU LIGNOCELLULOSIQUE**

[72] VAN HEININGEN, ADRIAAN REINHARD PIETER, US

[72] YOON, SUNG-HOON, US

[72] ZOU, HAIXUAN, US

[72] JIANG, JIANER, US

[72] GOYAL, GOPAL C., US

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[73] INTERNATIONAL PAPER CO., US

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[54] **DERIVES DE TRIAZINE ET LEURS APPLICATIONS THERAPEUTIQUES**

[72] DESAI, NEIL P., US

[72] SOON-SHIONG, PATRICK, US

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[72] WANG, QINWEI, US

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[54] **CONTROLE D'IMAGE INDIRECT A L'AIDE D'UNE IMAGE DERIVEE**

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[54] **PREPARATIONS ANTINAUSEEUSES A PULVERISER, A USAGE ORAL, STABLES, ET METHODES ASSOCIEES**

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[72] CHEN, CARRIE, US

[73] SUDA LTD, AU

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[54] **SUBSTITUTED 3-PHENYL-1-(PHENYLTHIENYL)PROPAN-1-ONE AND 3-PHENYL-1-(PHENYLFURANYL)PROPAN-1-ONE DERIVATIVES, AND PREPARATION AND USE OF SAME**

[54] **DERIVES DE 3-PHENYL-1-(PHENYLTHIENYL)PROPAN-1-ONE ET DE 3-PHENYL-1-(PHENYLFURANYL)PROPAN-1-ONE SUBSTITUES, PREPARATION ET UTILISATION**

[72] DELHOMEL, JEAN-FRANCOIS, FR

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[72] PICOTTI, FABRIZIO, IT
[73] SIGEA S.R.L., IT
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[54] **AMIDON DE MAIS, ET FARINES DE MAIS ET PRODUITS ALIMENTAIRES COMPRENANT LEDIT AMIDON DE MAIS**
[72] FROHBERG, CLAUS, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2009-06-26
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[30] US (60/879,377) 2007-01-09
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[54] **LIANTS CHIMIQUES ET SUBSTRATS CLIVABLES ET CONJUGUES DE CEUX-CI**
[72] SUFI, BILAL, US
[72] GUERLAVAIS, VINCENT, US
[72] CHEN, LIANG, US
[72] GANGWAR, SANJEEV, US
[72] ZHANG, QIAN, US
[72] PASSMORE, DAVID B., US
[73] E. R. SQUIBB & SONS, L.L.C., US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR ENHANCED PROTEIN EXPRESSION AND PURIFICATION**
[54] **PROCEDES ET COMPOSITIONS POUR L'EXPRESSION ET LA PURIFICATION DE PROTEINES AMELIOREES**
[72] BUTT, TAUSEEF R., US
[72] PANAVAS, TADAS, US
[72] KARWA, AMOLKUMAR, US
[72] PEROUTKA, RAYMOND J., US
[72] MARBLESTONE, JEFFREY G., US
[73] LIFESENSORS, INC., US
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[25] EN
[54] **PROCESS OF ENANTIOMERIC RESOLUTION OF D,L-(PLUSMINUS)-THREO-METHYLPHENIDATE**
[54] **PROCEDE DE RESOLUTION ENANTIOMERIQUE DE D,L-(PLUSMOINS)-THREO-METHYLPHENIDATE**
[72] KALININ, ALEXEI, US
[72] QIU, GUOFANG, US
[72] MARREN, THOMAS J., US
[72] ALDRED, JR., JAMES E., US
[72] JI, YU, US
[73] ARCHIMICA, INC., US
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[54] **SYSTEMES ET PROCEDES AMELIORES DE RESILIENCE AUX PANNES DANS DES SYSTEMES DE COMMUNICATION VIDEO**
[72] CIPOLLI, STEPHEN, US
[72] ELEFTHERIADIS, ALEXANDROS, US
[72] LENNOX, JONATHAN, US
[73] VIDYO, INC., US
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[54] **MICROSPHERES DE CERAMIQUE POUR APPLICATIONS DE CIMENTATION**

[72] QUERCIA, GEORGE, VE
[72] PERERA, YIBRAN, VE
[72] BLANCO, AISKELY, VE
[72] PEREIRA, FEDYMAR, VE
[73] INTEVEP S.A., VE
[86] (2674963)
[87] (2674963)
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[54] **NOUVELLES 2-AMINOXAZOLINES SERVANT DE LIGANDS DU TAARI POUR DES TROUBLES DU SNC**

[72] GALLEY, GUIDO, DE
[72] GROEBKE ZBINDEN, KATRIN, CH
[72] NORCROSS, ROGER, CH
[72] STALDER, HENRI, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2009-07-10
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[13] C

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[25] EN
[54] **AN IMPROVED STEEL CORE FOR AN ELECTRIC TRANSMISSION CABLE AND METHOD OF FABRICATING IT**
[54] **AME D'ACIER AMELIOREE POUR CABLE DE TRANSMISSION ELECTRIQUE ET SON PROCEDE DE FABRICATION**

[72] AMILS, XAVIER, BE
[73] NV BEKAERT SA, BE
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[25] EN
[54] **TONER COMPOSITIONS**
[54] **COMPOSITIONS DE TONER**

[72] ZHOU, KE, CA
[72] ZWARTZ, EDWARD G., CA
[72] MOFFAT, KAREN A., CA
[73] XEROX CORPORATION, US
[86] (2675911)
[87] (2675911)
[22] 2009-08-20
[30] US (12/198,981) 2008-08-27

[11] **2,676,796**
[13] C

[51] **Int.Cl. C07D 215/22 (2006.01) A61K 31/337 (2006.01) A61K 31/403 (2006.01) A61K 31/4439 (2006.01) A61K 31/4545 (2006.01) A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/513 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATMENT OF UNDIFFERENTIATED GASTRIC CANCER**
[54] **COMPOSITION DESTINEE AU TRAITEMENT D'UN CANCER DE L'ESTOMAC DE TYPE INDIFFERENCIE**

[72] YAMAMOTO, YUJI, JP
[73] EISAI R & D MANAGEMENT CO., LTD., JP
[85] 2009-07-28
[86] 2008-01-28 (PCT/JP2008/051697)
[87] (WO2008/093855)
[30] US (60/887,006) 2007-01-29

[11] **2,678,818**
[13] C

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[25] EN
[54] **PROCESS FOR DRYING OIL SAND MATURE FINE TAILINGS**
[54] **PROCEDE DE SECHAGE DES PRODUITS DE QUEUE CLIMATOMORPHIQUES FINS DE SABLES BITUMINEUX**

[72] REVINGTON, ADRIAN PETER, CA
[72] WEISS, MARVIN HARVEY, CA
[72] WELLS, PATRICK SEAN, CA
[72] HANN, THOMAS CHARLES, CA
[73] SUNCOR ENERGY INC., CA
[86] (2678818)
[87] (2678818)
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[25] EN

[54] **AUTOMATIC GENERATION OF BUILDING INSTRUCTIONS FOR BUILDING ELEMENT MODELS**

[54] **GENERATION AUTOMATIQUE D'INSTRUCTIONS DE CONSTRUCTION POUR LA CONSTRUCTION DE MAQUETTES D'ELEMENTS DE CONSTRUCTION**

[72] JAKOBSEN, JAKOB SPROGOE, DK

[72] ERNSTVANG, JESPER MARTIN, DK

[72] KRISTENSEN, OLE JUUL, DK

[72] ALLERELLI, JACOB, DK

[73] LEGO A/S, DK

[85] 2009-09-08

[86] 2008-03-14 (PCT/EP2008/053124)

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[30] US (11/724,915) 2007-03-16

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[13] C

[51] **Int.Cl. C09K 8/512 (2006.01) E21B 33/138 (2006.01)**

[25] EN

[54] **POLYELECTROLYTE COMPLEXES AS DELAYED GELLING AGENTS FOR OIL AND GAS APPLICATIONS**

[54] **COMPLEXES POLYELECTROLYTIQUES SERVANT D'AGENTS GELIFIANTS RETARDES POUR APPLICATIONS DE PETROLE ET GAZ**

[72] BERLKAND, CORY, US

[72] CORDOVA, MARY, VE

[72] LIANG, JENN-TAI, US

[72] WILLHITE, G. PAUL, US

[73] UNIVERSITY OF KANSAS, US

[85] 2009-09-09

[86] 2007-08-30 (PCT/US2007/077271)

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[30] US (60/906,455) 2007-03-12

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[54] **PYRAZOLO (3, 4-B) PYRIDINE DERIVATIVES AS PHOSPHODIESTERASE INHIBITORS**

[54] **DERIVES DE PYRAZOLO(3,4-B)PYRIDINE COMME INHIBITEURS DE PHOSPHODIESTERASE**

[72] RUDRA, SONALI, IN

[72] GUPTA, NIDHI, IN

[72] BAREGAMA, LALIT KUMAR, IN

[72] AGARWAL, RITU, IN

[72] KHAIRNAR, VINAYAK VASANTRAO, IN

[72] RAMAIAH, MANDADAPU RAGHU, IN

[72] PALLE, VENKATA P., IN

[72] BALACHANDRAN, SARALA, IN

[72] KONDASKAR, ATUL, IN

[72] SALLA, MANOHAR, IN

[72] RAY, ABHIJIT, IN

[72] DASTIDAR, SUNANDA G., IN

[72] VIJAYKRISHNAN, LALITHA, IN

[73] RANBAXY LABORATORIES LIMITED, IN

[85] 2009-09-11

[86] 2008-03-14 (PCT/IB2008/050943)

[87] (WO2008/111010)

[30] IN (550/DEL/2007) 2007-03-14

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[13] C

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[54] **TRANSFER TOOL**

[54] **OUTIL DE TRANSFERT**

[72] KAI, KEIJI, JP

[72] SHIMA, HIDETO, JP

[72] MITSUI, TAKASHI, JP

[73] KOKUYO CO., LTD., JP

[85] 2009-10-07

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[25] EN

[54] **SELF-RETAINING SYSTEMS FOR SURGICAL PROCEDURES**

[54] **SYSTEMES AUTOMATIQUES POUR INTERVENTIONS CHIRURGICALES**

[72] HUNTER, WILLIAM L., CA

[72] HERRMANN, ROBERT A., CA

[72] NAIMAGON, ALEXANDER, CA

[73] ETHICON, LLC, US

[85] 2009-10-13

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[13] C

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[25] EN

[54] **METHOD FOR THE INTENSIVE EXTRACTION OF CELLULAR COMPOUNDS FROM MICRO-ORGANISMS BY CONTINUOUS CULTURE AND EXTRACTION, AND CORRESPONDING DEVICE**

[54] **PROCEDE D'EXTRACTION INTENSIF DE COMPOSES CELLULAIRES ISSUS DE MICROORGANISMES, PAR MISE EN CULTURE ET EXTRACTION CONTINUES, ET DISPOSITIF CORRESPONDANT**

[72] PRUVOST, JEREMY, FR

[72] LEGRAND, JACK, FR

[72] FOUCAULT, ALAIN, FR

[73] UNIVERSITE DE NANTES, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR

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[54] **METHODS OF PROTEIN PRODUCTION USING ANTI-SENESCENCE COMPOUNDS**
[54] **PROCEDES DE PRODUCTION DE PROTEINES UTILISANT DES COMPOSES ANTI-SENESCENCE**
[72] GOMES, JOSE MANUEL, US
[72] LUAN, YEN-TUNG, US
[72] HILLER, GREGORY WALTER, US
[72] WANG, WENGE, US
[73] WYETH, US
[85] 2009-10-23
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[87] (WO2008/131375)
[30] US (60/913,382) 2007-04-23

[11] **2,685,789**
[13] C

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[25] EN
[54] **SYMMETRICAL PATH VERTICAL TILLAGE SYSTEM AND METHOD**
[54] **SYSTEME ARATOIRE VERTICAL A TRAJECTOIRES SYMETRIQUES ET PROCEDE CONNEXE**
[72] KOVACH, MICHAEL GEORGE, US
[72] MEINERS, TRACEY DUANE, US
[72] KNOBLOCH, DEAN ALAN, US
[72] KROMMINGA, GAYLEN JAMES, US
[72] SMART, GREGORY S., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2685789)
[87] (2685789)
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[30] US (12/433,635) 2009-04-30

[11] **2,685,886**
[13] C

[51] **Int.Cl. A61B 8/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MEASURING A MEAN VALUE OF VISCO-ELASTICITY OF A REGION OF INTEREST**
[54] **PROCEDE ET DISPOSITIF DE MESURE DE LA VALEUR MOYENNE DE LA VISCOELASTICITE D'UNE REGION D'INTERET**
[72] BERCOFF, JEREMY, FR
[72] SAVERY, DAVID, FR
[72] TANTER, MICKAEL, FR
[72] GENNISON, JEAN-LUC, FR
[72] FINK, MATHIAS, FR
[72] COHEN-BACRIE, CLAUDE, FR
[73] SUPER SONIC IMAGINE, FR
[85] 2009-11-02
[86] 2007-05-16 (PCT/IB2007/002746)
[87] (WO2008/139245)

[11] **2,686,166**
[13] C

[51] **Int.Cl. G06F 1/16 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **HANDHELD ELECTRONIC DEVICE WITH EXTENDED DUAL-HINGED INTERCONNECTOR**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF AVEC DISPOSITIF D'INTERCOMMUNICATION A DOUBLE ARTICULATION**
[72] GRIFFIN, JASON TYLER, CA
[72] RAK, ROMAN PETER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2686166)
[87] (2686166)
[22] 2009-11-20
[30] US (12/355,387) 2009-01-16
[30] EP (09150797.0) 2009-01-16

[11] **2,686,214**
[13] C

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[25] EN
[54] **DIHYDROXYBENZOATE POLYMERS AND USES THEREOF**
[54] **POLYMERS DE DIHYDROXYBENZOATE ET LEURS UTILISATIONS**
[72] MOSES, ARIKHA, US
[72] PULAPURA, SATISH, US
[72] GE, QING, US
[72] NETHULA, SARITA, US
[72] RAJARAM, ARCHANA, US
[73] TYRX, INC., US
[85] 2009-10-30
[86] 2008-05-02 (PCT/US2008/062582)
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[30] US (60/915,673) 2007-05-02

[11] **2,686,237**
[13] C

[51] **Int.Cl. F27B 13/10 (2006.01) F27D 1/04 (2006.01)**
[25] EN
[54] **RING FURNACE INCLUDING BAKING PITS WITH A LARGE HORIZONTAL ASPECT RATIO AND METHOD OF BAKING CARBONACEOUS ARTICLES THEREIN**
[54] **FOUR DU TYPE CIRCULAIRE COMPRENANT DES CHAMBRES DE CUISSON AYANT UN RAPPORT D'ASPECT HORIZONTAL ELEVE ET PROCEDE DE CUISSON D'ARTICLES CARBONES A L'INTERIEUR**
[72] JONVILLE, CHRISTIAN, FR
[72] ROY, PIERRE-JEAN, FR
[72] DROUET, YANNICK, FR
[73] ALCAN INTERNATIONAL LIMITED, CA
[85] 2009-11-04
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[13] C

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[25] EN
[54] **PROCESSOR AND METHOD CONFIGURED FOR EXECUTING DATA TRANSFER OR DATA ADJUSTMENT FUNCTIONS ON OLAP BASED DATA**
[54] **PROCESSEUR ET PROCEDE CONFIGURES POUR EXECUTER DES FONCTIONS DE TRANSFERT OU D'AJUSTEMENT DE DONNEES VISANT DES DONNEES ISSUES D'UN TRAITEMENT ANALYTIQUE EN LIGNE (OLAP)**
[72] BARBER, PAUL GRANT, CA
[73] PROPHIX SOFTWARE INC., CA
[86] (2686299)
[87] (2686299)
[22] 2009-11-25

[11] **2,686,887**
[13] C

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[25] EN
[54] **PECTATE LYASES WITH INCREASED THERMOSTABILITY AND/OR ENZYMATIC ACTIVITY**
[54] **PECTATES LYASES AYANT UNE THERMOSTABILITE ACCRUE ET/OU UNE ACTIVITE ENZYMATIQUE ACCRUE**
[72] BERGERON, HELENE, CA
[72] GROSSE, STEPHAN, CA
[72] LAU, PETER C.K., CA
[72] XIAO, ZHIZHUANG, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2009-11-09
[86] 2008-05-05 (PCT/CA2008/000867)
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[30] US (60/924,386) 2007-05-11

[11] **2,688,762**
[13] C

[51] **Int.Cl. G06Q 20/20 (2012.01) G06Q 20/38 (2012.01) G07F 7/08 (2006.01)**
[25] EN
[54] **SECURE PAYMENT CARD TRANSACTIONS**
[54] **TRANSACTIONS DE CARTE DE PAIEMENT SECURISEES**
[72] ODER, JOHN DAVID, II, US
[72] ODER, JOHN DAVID, US
[72] CRONIC, KEVIN JAMES, US
[72] SOMMERS, STEVEN MARK, US
[72] WARNER, DENNIS WILLIAM, US
[73] SHIFT4 CORPORATION, US
[85] 2009-11-17
[86] 2008-05-16 (PCT/US2008/063966)
[87] (WO2008/144555)
[30] US (11/750,239) 2007-05-17
[30] US (11/750,181) 2007-05-17
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[11] **2,689,211**
[13] C

[51] **Int.Cl. C08G 77/02 (2006.01) C03B 37/00 (2006.01) C08L 83/02 (2006.01) C09D 183/02 (2006.01) C12N 11/14 (2006.01) D01F 9/08 (2006.01)**
[25] EN
[54] **NONTOXIC POLYETHOXYSILOXANE MATERIAL FOR THE PRODUCTION OF BIOLOGICALLY RESORBABLE AND/OR BIOACTIVE ARTICLES CONTAINING POLYETHOXYSILOXANE MATERIAL, THE PRODUCTION THEREOF, AND THE USE THEREOF**
[54] **MATERIAU POLYETHOXYSILOXANE NON TOXIQUE POUR FABRIQUER DES ARTICLES CONTENANT UN MATERIAU POLYETHOXYSILOXANE BIOLOGIQUEMENT RESORBABLE ET/OU BIO-ACTIF, SA FABRICATION ET SON UTILISATION**
[72] THIERAUF, AXEL, DE
[73] JIANGSU SYNECOUN MEDICAL TECHNOLOGY CO., LTD., CN
[85] 2009-11-30
[86] 2008-06-03 (PCT/DE2008/075002)
[87] (WO2008/148384)
[30] DE (10 2007 026 043.3) 2007-06-04

[11] **2,690,099**
[13] C

[51] **Int.Cl. F16K 11/044 (2006.01)**
[25] EN
[54] **3-WAY HIGH-PRESSURE AIR OPERATED VALVE**
[54] **SOUPAPE PNEUMATIQUE A TROIS VOIES HAUTE PRESSION**
[72] LARSEN, TODD W., US
[73] TESCOM CORPORATION, US
[85] 2009-12-04
[86] 2008-06-13 (PCT/US2008/066972)
[87] (WO2008/157392)
[30] US (60/944,407) 2007-06-15
[30] US (12/137,905) 2008-06-12

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[13] C

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[25] EN
[54] **CONSTRUCTION PANEL**
[54] **PANNEAU DE CONSTRUCTION**
[72] RAPAZ, ANTONIO, CA
[73] RAPAZ, ANTONIO, CA
[85] 2009-12-09
[86] 2008-05-09 (PCT/CA2008/000881)
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[13] C

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[25] EN
[54] **ONBOARD COMPUTER TICKETING TERMINAL**
[54] **TERMINAL DE BILLETTIQUE EMBARQUE**
[72] DELVILLE, FLORENCE, FR
[73] THALES, FR
[85] 2009-12-16
[86] 2008-05-29 (PCT/EP2008/056641)
[87] (WO2009/000607)
[30] FR (0704505) 2007-06-22

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[13] C

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[25] EN
[54] **VEHICLE SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION D'UN VEHICULE**
[72] ALLAIRE, MARIUS, CA
[73] L'EQUIPE FABCONCEPT INC., CA
[86] (2693511)
[87] (2693511)
[22] 2010-02-18
[30] US (61/202,322) 2009-02-18

[11] **2,693,559**
[13] C

[51] **Int.Cl. A61B 5/00 (2006.01) G01D 5/353 (2006.01) G01L 1/24 (2006.01) G01L 11/02 (2006.01) G02B 27/44 (2006.01)**
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[54] **AN APPARATUS FOR PRESSURE SENSING**
[54] **APPAREIL DE DETECTION DE PRESSION**
[72] ARKWRIGHT, JOHN WILLIAM, AU
[72] DOE, SIMON NICHOLAS, AU
[72] JARVIS, BRIAN LAURENCE, AU
[72] HARTMANN, ANDREAS, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2010-01-14
[86] 2007-07-23 (PCT/AU2007/001018)
[87] (WO2008/011663)
[30] AU (2006904021) 2006-07-26

[11] **2,694,073**
[13] C

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[25] FR
[54] **HYDRAULIC MACHINE INCLUDING MEANS FOR INJECTING A FLOW DRAWN FROM A MAIN FLOW**
[54] **MACHINE HYDRAULIQUE COMPRENANT DES MOYENS D'INJECTION D'UN ECOULEMENT PRELEVE D'UN ECOULEMENT PRINCIPAL**
[72] MAZZOUJI, FARID, FR
[72] TRAVERSAZ, MONIQUE, FR
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR
[85] 2010-01-18
[86] 2008-07-23 (PCT/FR2008/051385)
[87] (WO2009/016315)
[30] FR (07 05332) 2007-07-23

[11] **2,694,540**
[13] C

[51] **Int.Cl. A61L 2/03 (2006.01) C02F 1/467 (2006.01) C02F 1/48 (2006.01)**
[25] EN
[54] **REDUCING WATERBORNE BACTERIA AND VIRUSES BY A CONTROLLED ELECTRIC FIELD**
[54] **REDUCTION DE BACTERIES ET VIRUS D'ORIGINE HYDRIQUE PAR UN CHAMP ELECTRIQUE CONTROLE**
[72] MIERSWA, SVEN, MX
[73] BIO CONCEPTS, INC., US
[85] 2010-01-11
[86] 2008-07-14 (PCT/US2008/069988)
[87] (WO2009/009795)
[30] DE (102007032916) 2007-07-12
[30] EP (07015570.0-1213) 2007-08-08

[11] **2,694,752**
[13] C

[51] **Int.Cl. H04M 7/00 (2006.01)**
[25] EN
[54] **DYNAMIC NETWORK SELECTION**
[54] **SELECTION DE RESEAU DYNAMIQUE**
[72] JACOBSON, DIETER, DE
[72] NENNER, KARL-HEINZ, DE
[73] T-MOBILE INTERNATIONAL AG, DE
[85] 2010-01-27
[86] 2007-08-24 (PCT/EP2007/007465)
[87] (WO2009/026942)

[11] **2,695,375**
[13] C

[51] **Int.Cl. B60T 13/68 (2006.01) B60T 8/48 (2006.01) B60T 15/02 (2006.01)**
[25] EN
[54] **VALVE WITH INTEGRATED QUICK RELEASE AND METHOD TO CONTROL SAID VALVE**
[54] **SOUPAPE A DECLENCHEMENT RAPIDE INTEGRE ET PROCEDE DE COMMANDE DE LADITE SOUPAPE**
[72] HO, THANH, US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2010-02-01
[86] 2008-08-06 (PCT/US2008/072288)
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[30] US (11/837,977) 2007-08-13

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[13] C

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[25] EN
[54] **THERMOPLASTIC POLYURETHANE COPOLYMER MOLDING COMPOSITIONS**
[54] **COMPOSITIONS DE MOULAGE A BASE DE COPOLYMERE POLYURETHANE THERMOPLASTIQUE**
[72] HUMPHREY, WILLIAM M., US
[72] DRAGO, PAUL, US
[72] ARMOUR, JEFFREY S., US
[72] INGRAM, J. ERIC, US
[72] CHARRON, JAMES R., US
[73] COVESTRO LLC, US
[85] 2010-02-03
[86] 2008-08-08 (PCT/US2008/009519)
[87] (WO2009/023131)
[30] US (60/955,159) 2007-08-10
[30] US (60/957,376) 2007-08-22
[30] US (60/957,922) 2007-08-24
[30] US (60/986,505) 2007-11-08
[30] US (60/986,495) 2007-11-08

[11] **2,695,994**
[13] C

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[25] EN
[54] **USE OF C3 TO C14 ALIPHATIC ALDEHYDES, KETONES AND PRIMARY AND SECONDARY C3 TO C7 ALIPHATIC ALCOHOLS TO INHIBIT SPROUTING OF POTATO TUBERS**
[54] **UTILISATION D'ALDEHYDES ALIPHATIQUES EN C3 A C14, DE CETONE ET D'ALCOOLS ALIPHATIQUES PRIMAIRES ET SECONDAIRES EN C3 A C7 EN VUE D'INHIBER LA GERMINATION DES TUBERCULES DE POMME DE TERRE**
[72] KNOWLES, NORMAN R., US
[72] KNOWLES, LISA O., US
[73] WASHINGTON STATE UNIVERSITY, US
[85] 2010-02-09
[86] 2008-08-07 (PCT/US2008/072402)
[87] (WO2009/023498)
[30] US (60/955,156) 2007-08-10
[30] US (12/186,861) 2008-08-06

[11] **2,696,014**
[13] C

[51] **Int.Cl. B01J 8/18 (2006.01) B01J 6/00 (2006.01) B01J 8/24 (2006.01) F23C 10/00 (2006.01) F27B 15/02 (2006.01)**
[25] EN
[54] **PROCESS AND PLANT FOR THE THERMAL TREATMENT OF FINE-GRAINED SOLIDS**
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT THERMIQUE DE SOLIDES A GRAINS FINS**
[72] MISSALLA, MICHAEL, DE
[72] GASAFI, EDGAR, DE
[72] HEIN, JEAN CLAUDE, DE
[72] NEPPER, JEAN-PAUL, DE
[72] ORTH, ANDREAS, DE
[73] OUTOTEC OYJ, FI
[85] 2010-02-09
[86] 2008-08-28 (PCT/EP2008/007047)
[87] (WO2009/027084)
[30] DE (10 2007 041 427.9) 2007-08-31

[11] **2,696,420**
[13] C

[51] **Int.Cl. C11D 1/12 (2006.01) C11D 1/37 (2006.01) C11D 10/04 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **MILD ACYL ISETHIONATE TOILET BAR COMPOSITION**
[54] **COMPOSITION DE SAVON DE TOILETTE DOUX A BASE ISETHIONATES D'ACYLE**
[72] BRENNAN, MICHAEL AUGUSTINE, US
[72] MASSARO, MICHAEL, US
[72] ABBAS, SYED HUSAIN, US
[72] YAROVVOY, YURY KONSTANTINOVICH, US
[73] UNILEVER PLC, GB
[85] 2010-02-12
[86] 2008-09-17 (PCT/EP2008/062330)
[87] (WO2009/043716)
[30] US (11/906,935) 2007-10-04

[11] **2,696,426**
[13] C

[51] **Int.Cl. E03D 9/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING MAINTENANCE INTERVALS**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DES INTERVALLES DE MAINTENANCE**
[72] KELLER, HANS, CH
[73] ENSWICO IP AG, CH
[85] 2010-02-12
[86] 2008-05-23 (PCT/CH2008/000234)
[87] (WO2009/026733)
[30] CH (1365/07) 2007-08-29

[11] **2,696,528**
[13] C

[51] **Int.Cl. G01N 1/30 (2006.01) C12M 3/00 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) G01N 1/31 (2006.01) G01N 1/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR FIXING/STABILISING A SAMPLE**
[54] **PROCEDE ET DISPOSITIF POUR FIXER/STABILISER UN ECHANTILLON**
[72] GROELZ, DANIEL, DE
[72] LENZ, CHRISTIAN, DE
[72] HOLLAENDER, VERA, DE
[72] ROTHMANN, THOMAS, DE
[73] PREANALYTIX GMBH, CH
[85] 2010-01-20
[86] 2008-08-01 (PCT/EP2008/060132)
[87] (WO2009/016255)
[30] EP (07113714.5) 2007-08-02

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[11] **2,699,342**
[13] C

[51] **Int.Cl. H04N 1/00 (2006.01) H04L 12/58 (2006.01)**

[25] EN

[54] **USER INTERFACES AND METHODS TO PROVISION ELECTRONIC FACSIMILES**

[54] **PROCEDES ET INTERFACES UTILISATEUR POUR APPROVISIONNER DES TELECOPIES ELECTRONIQUES**

[72] VENDROW, VLAD, US

[72] YOUNG, BRUCE, US

[73] RINGCENTRAL, INC., US

[85] 2010-03-10

[86] 2008-09-24 (PCT/US2008/077546)

[87] (WO2009/042701)

[30] US (60/995,573) 2007-09-26

[30] US (12/234,600) 2008-09-19

[11] **2,700,131**
[13] C

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 37/34 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **TERNARY FUNGICIDAL COMPOSITIONS COMPRISING BOSCALID AND CHLOROTHALONIL**

[54] **COMPOSITIONS FONGICIDES TERNAIRES COMPRENANT DU BOSCALIDE ET DU CHLOROTHALONIL**

[72] BRIX, HORST DIETER, DE

[72] EBERSOLD, DANIEL, DE

[72] SEMAR, MARTIN, DE

[72] BRUNS, JENS, DE

[72] VONEND, MICHAEL, DE

[73] BASF SE, DE

[85] 2010-03-05

[86] 2008-09-25 (PCT/EP2008/062851)

[87] (WO2009/040397)

[30] EP (07117274.6) 2007-09-26

[11] **2,700,150**
[13] C

[51] **Int.Cl. A61L 27/16 (2006.01) A61F 2/16 (2006.01) A61L 27/50 (2006.01) G02B 1/04 (2006.01)**

[25] EN

[54] **OPHTHALMIC AND OTORHINOLARYNGOLOGICAL DEVICE MATERIALS**

[54] **MATERIAUX POUR DISPOSITIFS OPHTALMIQUES ET OTO-RHINO-LARYNGOLOGIQUES**

[72] SCHLUETER, DOUGLAS C., US

[73] ALCON, INC., CH

[85] 2010-03-18

[86] 2008-10-03 (PCT/US2008/078646)

[87] (WO2009/046235)

[30] US (60/978,000) 2007-10-05

[11] **2,700,178**
[13] C

[51] **Int.Cl. C02F 1/469 (2006.01) B01D 61/00 (2006.01) C02F 1/42 (2006.01)**

[25] EN

[54] **LOW ENERGY SYSTEM AND METHOD OF DESALINATING SEAWATER**

[54] **SYSTEME ET PROCEDE A FAIBLE CONSOMMATION D'ENERGIE POUR LE DESSALEMENT DE L'EAU DE MER**

[72] GANZI, GARY C., US

[72] LIANG, LI-SHIANG, US

[72] WILKINS, FREDERICK C., US

[73] EVOQUA WATER TECHNOLOGIES LLC, US

[85] 2010-03-19

[86] 2008-09-22 (PCT/US2008/010969)

[87] (WO2009/038805)

[30] US (60/974,298) 2007-09-21

[30] US (60/981,855) 2007-10-23

[11] **2,700,582**
[13] C

[51] **Int.Cl. A23F 5/36 (2006.01) A23F 5/34 (2006.01)**

[25] EN

[54] **INSTANT DRINK POWDER**

[54] **POUDRE DE BOISSON INSTANTANEE**

[72] KESSLER, ULRICH, CH

[72] DUFFEY, JEAN-LOUIS, FR

[72] DREYER, MARC GEORGES, CH

[72] KAUTER, MICHAEL DESMOND, AU

[72] SUDHARSAN, MATHALAI BALAN, CH

[72] CHANVRIER, HELENE MICHELE JANNNE, FR

[72] WEHRSPANN, OLAF, CH

[72] FU, XIAOPING, US

[73] NESTEC S.A., CH

[85] 2010-03-24

[86] 2008-09-10 (PCT/EP2008/061971)

[87] (WO2009/040249)

[30] US (60/976,229) 2007-09-28

[11] **2,700,984**
[13] C

[51] **Int.Cl. C04B 35/622 (2006.01) C01B 13/32 (2006.01) C01F 7/02 (2006.01) C01F 7/42 (2006.01) C01G 23/04 (2006.01)**

[25] EN

[54] **NANOCRYSTALLINE SPHERICAL CERAMIC OXIDES, PROCESS FOR THE SYNTHESIS AND USE THEREOF**

[54] **OXYDES CERAMIQUES SPHERIQUES NANOCRISTALLINS, LEUR PROCEDE DE SYNTHESE ET D'UTILISATION**

[72] CALADO DA SILVA, JOAO MANUEL, PT

[72] DOS SANTOS ANTUNES, ELSA MARISA, PT

[73] CUF-COMPANHIA UNIAO FABRIL, SGPS, S.A., PT

[85] 2010-03-24

[86] 2008-09-26 (PCT/IB2008/053932)

[87] (WO2009/040770)

[30] PT (103838) 2007-09-28

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[11] **2,701,721**
[13] C

[51] **Int.Cl. A61K 31/728 (2006.01) A61K 9/08 (2006.01) A61K 31/715 (2006.01) A61K 36/48 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **OPHTHALMIC COMPOSITIONS BASED ON TAMARIND SEED POLYSACCHARIDE AND HYALURONIC ACID**

[54] **COMPOSITIONS OPHTALMIQUES A BASE DE POLYSACCHARIDES DE GRAINES DE TAMARIND ET D'ACIDE HYALURONIQUE**

[72] DEL PRETE, ANTONIO, IT
[72] SANZO, MARCO, IT
[73] RMFA TRADING S.A., CH
[85] 2010-04-06
[86] 2008-10-02 (PCT/IT2008/000626)
[87] (WO2009/044423)
[30] IT (RM2007A000510) 2007-10-02

[11] **2,702,258**
[13] C

[51] **Int.Cl. G06T 5/50 (2006.01) G01C 11/00 (2006.01)**

[25] EN

[54] **SYSTEM AND PROCESS FOR COLOR-BALANCING A SERIES OF OBLIQUE IMAGES**

[54] **SYSTEME ET PROCEDE D'EQUILIBRAGE DES COULEURS D'UNE SERIE D'IMAGES OBLIQUES**

[72] SCHULTZ, STEPHEN, US
[72] GIUFFRIDA, FRANK, US
[72] GRAY, ROBERT, US
[73] PICTOMETRY INTERNATIONAL CORP., US
[85] 2010-04-09
[86] 2008-10-10 (PCT/US2008/079509)
[87] (WO2009/049151)
[30] US (11/871,740) 2007-10-12

[11] **2,702,277**
[13] C

[51] **Int.Cl. A61N 1/05 (2006.01) A61B 5/04 (2006.01) A61N 1/36 (2006.01)**

[25] FR

[54] **DEVICE FOR STIMULATING LIVING TISSUE BY MICROELECTRODES, AND REMOVABLE MODULE AND USE THEREOF**

[54] **DISPOSITIF DE STIMULATION D'UN TISSU VIVANT PAR MICROELECTRODES, SES MODULE AMOVIBLE ET UTILISATION**

[72] JOUCLA, SEBASTIEN, FR
[72] YVERT, BLAISE, FR
[72] ROUSSEAU, LIONEL, FR
[73] GROUPE ECOLE SUPERIEURE D'INGENIEURS EN ELECTRONIQUE ET ELECTROTECHNIQUE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE BORDEAUX 1, FR
[85] 2010-04-09
[86] 2008-10-20 (PCT/EP2008/064133)
[87] (WO2009/053333)
[30] FR (07/07369) 2007-10-22

[11] **2,702,425**
[13] C

[51] **Int.Cl. C11D 3/37 (2006.01) C11D 3/33 (2006.01) C11D 3/39 (2006.01)**

[25] EN

[54] **DISHWASHER DETERGENT FORMULATIONS COMPRISING A MIXTURE OF HYDROPHOBICALLY MODIFIED POLYCARBOXYLATES AND HYDROPHILICALLY MODIFIED POLYCARBOXYLATES**

[54] **FORMULATIONS DE DETERGENTS POUR LA VAISSELLE, CONTENANT UN MELANGE DE POLYCARBOXYLATES A MODIFICATION HYDROPHOBE ET DE POLYCARBOXYLATES A MODIFICATION HYDROPHILE**

[72] WEBER, HEIKE, DE
[72] Ettl, ROLAND, DE
[72] TROPSCH, JUERGEN, DE
[73] BASF SE, DE
[85] 2010-04-12
[86] 2008-10-10 (PCT/EP2008/063646)
[87] (WO2009/050123)
[30] EP (07118356.0) 2007-10-12

[11] **2,702,948**
[13] C

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

[25] EN

[54] **METHOD AND SYSTEM FOR PPLICATING TISSUE IN A MINIMALLY INVASIVE MEDICAL PROCEDURE FOR THE TREATMENT OF MITRAL VALVE REGURGITATION**

[54] **PROCEDE ET SYSTEME DE PPLICATION D'UN TISSU SELON UNE PROCEDURE MEDICALE PEU EFFRACTIVE POUR LE TRAITEMENT D'UNE REGURGITATION DE LA VALVE MITRALE**

[72] GROOTHUIS, ADAM, US
[72] KREVER, MATTHEW, US
[72] LASH, TIMOTHY, US
[72] CEDRO, RUDOLPH, US
[72] BACHMAN, TED, US
[72] D'ANTONIO, PAUL, US
[72] BLACK, ERIN, US
[72] OLSEN, DANIEL H., US
[72] CALDARISE, SALVATORE G., US
[72] MACON, NATALIE, US
[72] DHAWALE, PARITOSH, US
[73] CORDIS CORPORATION, US
[85] 2010-04-16
[86] 2008-10-17 (PCT/US2008/080337)
[87] (WO2009/052397)
[30] US (60/981,303) 2007-10-19
[30] US (12/249,388) 2008-10-10

[11] **2,703,051**
[13] C

[51] **Int.Cl. B09C 1/08 (2006.01)**

[25] EN

[54] **CONTROLLED RELEASE REMEDIATION SYSTEM AND COMPOSITION**

[54] **SYSTEME ET COMPOSITION DE REMEDIATION A LIBERATION CONTROLEE**

[72] LUSTER-TEASLEY, STEPHANIE, US
[73] NORTH CAROLINA A & T STATE UNIVERSITY, US
[85] 2010-04-14
[86] 2008-10-15 (PCT/US2008/079979)
[87] (WO2009/052171)
[30] US (11/873,961) 2007-10-17

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[11] **2,703,110**
[13] C

[51] **Int.Cl. B29C 70/24 (2006.01) B29C 70/08 (2006.01) B32B 5/28 (2006.01) B32B 7/08 (2006.01)**

[25] EN

[54] **TWO-SIDED SINGLE-NEEDLE UNDERSTITCH SEWING TECHNIQUE**

[54] **TECHNIQUE DE COUTURE SUR DEUX FACES, A FIL INFERIEUR ET A UNE AIGUILLE**

[72] ROTH, ALEXANDER, DE

[73] EVONIK ROEHM GMBH, DE

[85] 2010-04-20

[86] 2008-08-18 (PCT/EP2008/060782)

[87] (WO2009/053129)

[30] DE (10 2007 051 422.2) 2007-10-25

[11] **2,703,152**
[13] C

[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/202 (2006.01)**

[25] EN

[54] **LIPOIC ACID PELLET COMPOSITION**

[54] **COMPOSITION DE PASTILLES D'ACIDE LIPOIQUE**

[72] MAGRI, PAOLO, CH

[72] NARDI, ANTONIO, IT

[72] SALVI, ANNIBALE, IT

[72] VILLANI, FLAVIO, IT

[73] LABORATORIO CHIMICO INTERNAZIONALE S.P.A., IT

[85] 2010-04-20

[86] 2008-10-23 (PCT/IB2008/002835)

[87] (WO2009/053824)

[30] IT (MI2007A 002051) 2007-10-23

[11] **2,703,882**
[13] C

[51] **Int.Cl. C08L 27/24 (2006.01) F16L 9/12 (2006.01)**

[25] EN

[54] **CPVC PIPE WITH 25% HIGHER HYDROSTATIC DESIGN BASIS THAN REQUIRED UNDER ASTM D2846**

[54] **TUBE EN CPVC AYANT UNE CONCEPTION HYDROSTATIQUE 25 % SUPERIEURE A CE QUI EST REQUIS PAR LA NORME ASTM D2846**

[72] BACKMAN, ARTHUR L., US

[72] MANGO, ROCCO A., US

[72] NEWBY, ROBERT S., US

[72] OLAH, ANDREW M., US

[73] LUBRIZOL ADVANCED MATERIALS, INC., US

[85] 2010-04-27

[86] 2008-10-28 (PCT/US2008/081436)

[87] (WO2009/058768)

[30] US (60/983,322) 2007-10-29

[30] US (61/041,023) 2008-03-31

[11] **2,704,233**
[13] C

[51] **Int.Cl. B01D 35/30 (2006.01)**

[25] EN

[54] **FLUID FILTER SYSTEM**

[54] **SYSTEME DE FILTRAGE DES FLUIDES**

[72] SALVADOR, CHRISTOPHER J., US

[72] HEIBENTHAL, RANDALL W., US

[72] DEEDRICH, DENNIS M., US

[72] HARDER, DAVID B., US

[72] HACKER, JOHN R., US

[72] EISENMENGER, RICHARD, US

[73] CATERPILLAR INC., US

[73] ADVANCED FILTRATION SYSTEMS, INC., US

[73] DONALDSON COMPANY, INC., US

[85] 2010-04-29

[86] 2008-11-18 (PCT/US2008/012871)

[87] (WO2009/067188)

[30] US (11/984,503) 2007-11-19

[11] **2,704,700**
[13] C

[51] **Int.Cl. A01J 5/017 (2006.01) A01J 7/02 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR CLEANING A MILKING SYSTEM**

[54] **APPAREIL ET PROCEDE POUR NETTOYER UN SYSTEME DE TRAITE**

[72] AXELSSON, THOMAS, SE

[73] DELAVAL HOLDING AB, SE

[85] 2010-05-04

[86] 2008-11-17 (PCT/GB2008/003857)

[87] (WO2009/063227)

[30] EP (07254499.2) 2007-11-16

[11] **2,705,446**
[13] C

[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/17 (2006.01) A61B 17/86 (2006.01)**

[25] EN

[54] **PERIPROSTHETIC FRACTURE REPAIR**

[54] **REPARATION D'UNE FRACTURE PERIPROTHETIQUE**

[72] WAGNER, MICHAEL, AT

[72] LEEMANN, JUERG, CH

[72] FUERST, CHRISTOPH, CH

[72] APPENZELLER FRIEDEN, CAROLE, CH

[72] ALTMANN, MARTIN, CH

[73] DEPUY SYNTHES PRODUCTS, LLC, US

[85] 2010-05-11

[86] 2008-11-05 (PCT/US2008/082470)

[87] (WO2009/064643)

[30] US (60/987,560) 2007-11-13

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[11] **2,706,285**
[13] C

[51] **Int.Cl. B24B 9/16 (2006.01) B24B 7/20 (2006.01) B24B 31/00 (2006.01) B24B 37/04 (2012.01)**

[25] EN

[54] **METHOD AND DEVICE FOR MECHANICALLY PROCESSING DIAMOND**

[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT MECANIQUE DE DIAMANT**

[72] GOGOLEWSKI, PRZEMYSLAW, BE

[72] VAN GOETHEM, GUY, BE

[73] WETENSCHAPPELIJK EN TECHNISCH ONDERZOEKSCENTRUM VOOR DIAMANT, INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947, BE

[85] 2010-04-13

[86] 2008-11-05 (PCT/BE2008/000089)

[87] (WO2009/059384)

[30] BE (BE 2007/0536) 2007-11-05

[11] **2,706,746**
[13] C

[51] **Int.Cl. C07C 31/32 (2006.01) A61K 31/277 (2006.01) A61P 33/00 (2006.01) C07C 255/60 (2006.01) C07C 323/29 (2006.01) C07D 207/335 (2006.01) C07D 213/38 (2006.01) C07D 213/57 (2006.01) C07D 213/89 (2006.01) C07D 271/06 (2006.01) C07D 295/135 (2006.01) C07D 295/185 (2006.01)**

[25] EN

[54] **CYSTEINE PROTEASE INHIBITORS FOR THE TREATMENT OF PARASITIC DISEASES**

[54] **INHIBITEURS DE CYSTEINE-PROTEASES POUR LE TRAITEMENT DE MALADIES PARASITAIRES**

[72] ISABEL, ELISE, CA

[72] MELLON, CHRISTOPHE, CA

[72] BEAULIEU, CHRISTIAN, CA

[73] MERCK CANADA INC., CA

[85] 2010-05-26

[86] 2008-11-26 (PCT/CA2008/002071)

[87] (WO2009/067797)

[30] US (61/004,747) 2007-11-29

[11] **2,706,884**
[13] C

[51] **Int.Cl. B01D 41/04 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CLEANING DIESEL PARTICULATE FILTERS AND FOR DIAGNOSING DAMAGE THERETO**

[54] **PROCEDE ET APPAREIL POUR NETTOYER DES FILTRES A PARTICULES DIESEL ET POUR DIAGNOSTIQUER DES DETERIORATIONS DE CEUX-CI**

[72] WALDO, COLE L., US

[73] WALDO, COLE L., US

[85] 2010-02-25

[86] 2008-08-27 (PCT/US2008/010217)

[87] (WO2009/032175)

[30] US (60/966,815) 2007-08-29

[30] US (12/080,686) 2008-04-04

[11] **2,707,580**
[13] C

[51] **Int.Cl. B01F 3/04 (2006.01) F04F 1/00 (2006.01)**

[25] EN

[54] **DEVICE TO INFUSE GAS INTO LIQUID**

[54] **DISPOSITIF POUR INFUSER DU GAZ DANS UN LIQUIDE**

[72] BURNS, DAVID, CA

[72] YEO, JASON, CA

[72] LONETTO, RICHARD, CA

[73] BLUE PLANET ENVIRONMENTAL INC., CA

[85] 2010-06-01

[86] 2008-12-05 (PCT/CA2008/002136)

[87] (WO2009/070893)

[30] US (61/012,077) 2007-12-07

[11] **2,707,667**
[13] C

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/496 (2006.01) A61P 3/00 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **AMIDOMETHYL-SUBSTITUTED OXINDOLE DERIVATIVES AND THE USE THEREOF FOR THE TREATMENT OF VASOPRESSIN-DEPENDENT ILLNESSES**

[54] **DERIVES OXINDOLIQUES SUBSTITUES PAR AMIDOMETHYLE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES VASOPRESSINE-DEPENDANTES**

[72] OOST, THORSTEN, DE

[72] NETZ, ASTRID, DE

[72] GENESTE, HERVE, DE

[72] BRAJE, WILFRIED, DE

[72] WERNET, WOLFGANG, DE

[72] UNGER, LILIANE, DE

[72] HORNBERGER, WILFRIED, DE

[72] LUBISCH, WILFRIED, DE

[73] ABBVIE DEUTSCHLAND GMBH & CO KG, DE

[85] 2010-06-02

[86] 2008-12-05 (PCT/EP2008/066931)

[87] (WO2009/071687)

[30] US (61/012,241) 2007-12-07

[11] **2,707,713**
[13] C

[51] **Int.Cl. A23L 7/196 (2016.01) A23L 7/00 (2016.01) A23L 7/148 (2016.01) A23L 33/17 (2016.01) A23L 33/21 (2016.01) A23P 20/10 (2016.01)**

[25] EN

[54] **FIBRE ENRICHED, PROTEIN COATED CEREAL PRODUCTS**

[54] **PRODUITS A BASE DE CEREALES ENROBES DE PROTEINES ET ENRICHIS EN FIBRES**

[72] VERBIEST, EDWIN, BE

[72] LIE, FANG LAN, BE

[72] VAN BYLEN, LUDO, BE

[72] JACOBS, LUC, BE

[72] BAKELANTS, TANIA, BE

[73] MARS, INCORPORATED, US

[85] 2010-06-02

[86] 2008-12-04 (PCT/IB2008/003671)

[87] (WO2009/071992)

[30] GB (0723812.4) 2007-12-05

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[11] **2,707,960**
[13] C

[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **MULTICAST BROADCAST SINGLE FREQUENCY NETWORK DATA SCHEDULING AND HANDLING**
[54] **ORDONNANCEMENT ET MANIPULATION DES DONNEES POUR SERVICE MBMS SUR RESEAU A FREQUENCE UNIQUE**
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2010-06-03
[86] 2008-12-05 (PCT/US2008/085695)
[87] (WO2009/076210)
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[11] **2,709,271**
[13] C

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[25] EN
[54] **AN ARTIFICIAL DIELECTRIC MATERIAL AND A METHOD OF MANUFACTURING THE SAME**
[54] **MATERIAU DIELECTRIQUE ARTIFICIEL ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] MATITSINE, SERGUEI, SG
[73] MATSING PTE. LTD., SG
[85] 2010-06-14
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[87] (WO2009/078807)

[11] **2,709,867**
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[25] EN
[54] **CIRCUITRY FOR INDUCTIVE POWER TRANSFER**
[54] **CIRCUITS POUR TRANSFERT DE PUISSANCE INDUCTIF**
[72] LEMMENS, WILLY HENRI, GB
[72] POOLEY, DAVID MARTIN, GB
[72] DE CLERCQ, JOHN, BE
[73] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US
[85] 2010-06-16
[86] 2008-12-18 (PCT/GB2008/004206)
[87] (WO2009/081126)
[30] GB (0724981.6) 2007-12-21
[30] GB (0724982.4) 2007-12-21

[11] **2,709,032**
[13] C

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[25] EN
[54] **PROCESS FOR THE PREPARATION OF A MACROCYCLE**
[54] **PROCEDE DE PREPARATION D'UN MACROCYCLE**
[72] HILDBRAND, STEFAN, CH
[72] PUENTENER, KURT, CH
[72] SCALONE, MICHELANGELO, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2010-06-11
[86] 2008-12-11 (PCT/EP2008/067309)
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[30] EP (07150287.6) 2007-12-21

[11] **2,709,530**
[13] C

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[54] **MONOSEBACATE OF PYRAZOLE DERIVATIVE**
[54] **MONOSEBACATE D'UN DERIVE DE PYRAZOLE**
[72] TAKEUCHI, HIDEKI, JP
[72] TSURU, EIJI, JP
[73] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2010-06-14
[86] 2008-12-24 (PCT/JP2008/073405)
[87] (WO2009/084531)
[30] JP (2007-337985) 2007-12-27

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[25] EN
[54] **SYSTEM AND METHOD FOR SECURING DATA**
[54] **SYSTEME ET PROCEDE POUR SECURISER DES DONNEES**
[72] NUSSBAUM, LAWRENCE EDWARD, AU
[72] THOMPSON, STEPHEN, AU
[73] COCOON DATA HOLDINGS LIMITED, AU
[85] 2010-06-17
[86] 2008-12-22 (PCT/AU2008/001898)
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[30] AU (2007907016) 2007-12-21
[30] US (61/021,271) 2008-01-15

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[25] EN
[54] **STORAGE STABLE SOLUTIONS OF OPTICAL BRIGHTENERS**
[54] **SOLUTIONS D'AZURANTS OPTIQUES STABLES AU STOCKAGE**
[72] FARRAR, JOHN MARTIN, GB
[72] JACKSON, ANDREW CLIVE, CH
[72] MAHON, MARGARET, GB
[72] OBERHOLZER, MARTIN, CH
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2010-06-11
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[51] **Int.Cl. F04D 27/02 (2006.01) F04D 29/52 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A COMPRESSOR**
[54] **PROCEDE DE FONCTIONNEMENT D'UN COMPRESSEUR**
[72] WADIA, ASPI RUSTOM, US
[72] CLARK, DAVID SCOTT, US
[72] LEE, CHING-PANG, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] MCNULTY, GREGORY SCOTT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2010-06-18
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[30] US (11/966,348) 2007-12-28

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[25] EN
[54] **BRIDGED BICYCLIC ARYL AND BRIDGED BICYCLIC HETEROARYL SUBSTITUTED TRIAZOLES USEFUL AS AXL INHIBITORS**
[54] **TRIAZOLES SUBSTITUES PAR ARYLE BICYCLIQUE PONTE ET HETEROARYLE BICYCLIQUE PONTE UTILISES COMME INHIBITEURS D'AXL**
[72] GOFF, DANE, US
[72] ZHANG, JING, US
[72] SINGH, RAJINDER, US
[72] HOLLAND, SACHA, US
[72] DING, PINGYU, US
[72] YU, JIAXIN, US
[72] LITVAK, JOANE, US
[73] RIGEL PHARMACEUTICALS, INC., US
[85] 2010-06-18
[86] 2007-12-28 (PCT/US2007/089156)
[87] (WO2008/083357)
[30] US (60/882,783) 2006-12-29
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[25] EN
[54] **BROADCAST INFORMATION NOTIFICATION METHOD AND NETWORK NODE**
[54] **PROCEDE DE NOTIFICATION D'INFORMATIONS DE DIFFUSION ET NOEUD DE RESEAU**
[72] HAPSARI, WURI ANDARMAWANTI, JP
[72] ISHII, MINAMI, JP
[72] ZUGENMAIER, ALF, JP
[73] NTT DOCOMO, INC., JP
[85] 2010-06-22
[86] 2009-04-08 (PCT/JP2009/057215)
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[30] JP (2008-100878) 2008-04-08

[11] **2,710,726**
[13] C

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[25] EN
[54] **SYNTHESIS OF TREPROSTINIL AND INTERMEDIATES USEFUL THEREIN**
[54] **SYNTHESE DE TREPROSTINIL ET INTERMEDIAIRES UTILES POUR CELLE-CI**
[72] MCGOWAN, GRAHAM, CA
[72] GIUST, WALTER, CA
[72] DI DONATO, DANIELLE MARIE, CA
[72] NGOOI, TENG-KO, CA
[72] OUDENES, JAN, CA
[73] ALPHORA RESEARCH INC., CA
[86] (2710726)
[87] (2710726)
[22] 2010-07-22

[11] **2,710,837**
[13] C

[51] **Int.Cl. C08B 37/14 (2006.01)**
[25] EN
[54] **PRE-EXTRACTION AND SOLVENT PULPING OF LIGNOCELLULOSIC MATERIAL**
[54] **PRE-EXTRACTION ET MISE EN PATE PAR SOLVANT D'UN MATERIAU LIGNOCELLULOSIQUE**
[72] VAN HEININGEN, ADRIAAN REINHARD PIETER, US
[72] YOON, SUNG-HOON, US
[72] JIANG, JIANER, US
[72] GOYAL, GOPAL C., US
[72] ZOU, HAIXUAN, US
[73] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
[73] INTERNATIONAL PAPER, US
[85] 2010-06-25
[86] 2008-12-22 (PCT/US2008/087941)
[87] (WO2009/086265)
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[11] **2,711,074**
[13] C

[51] **Int.Cl. B66B 7/06 (2006.01) D07B 1/04 (2006.01)**
[25] EN
[54] **ROPE FOR A HOISTING DEVICE, ELEVATOR AND USE**
[54] **CABLE POUR MACHINE DE LEVAGE, ELEVATEUR ET UTILISATION**
[72] PELTO-HUIKKO, RAIMO, FI
[72] VALJUS, PETTERI, FI
[72] HONKANEN, JUHA, FI
[72] SJODAHL, KIM, FI
[73] KONE CORPORATION, FI
[85] 2010-06-29
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[87] (WO2009/090299)
[30] FI (20080045) 2008-01-18
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[25] EN

[54] **A MATERIAL-SAVING AND ENERGY-SAVING MULTIFUNCTIONAL BENCH CLAMP**

[54] **ETAU MULTIFONCTION PERMETTANT D'ECONOMISER DE L'ENERGIE ET DU MATERIAU**

[72] FAN, CHAOLAI, CN
[72] FAN, YONGJIE, CN
[73] FAN, CHAOLAI, CN
[73] FAN, YONGJIE, CN
[85] 2010-06-30
[86] 2008-11-06 (PCT/CN2008/072970)
[87] (WO2009/067896)
[30] CN (200710166135.5) 2007-11-09

[11] **2,711,740**
[13] C

[51] **Int.Cl. C11D 3/36 (2006.01)**

[25] EN

[54] **SURFACE TREATMENT COMPOSITION CONTAINING PHOSPHONIC ACID COMPOUNDS**

[54] **COMPOSITION DE TRAITEMENT DE SURFACE CONTENANT DES COMPOSES D'ACIDE PHOSPHONIQUE**

[72] NOTTE, PATRICK, BE
[72] DEVAUX, ALBERT, BE
[72] FEYT, LUC E., BE
[73] ITALMATCH CHEMICALS SPA, IT
[85] 2010-07-08
[86] 2009-01-21 (PCT/EP2009/050669)
[87] (WO2009/092739)
[30] EP (08100756.9) 2008-01-22

[11] **2,711,787**
[13] C

[51] **Int.Cl. H04W 4/06 (2009.01) H04W 4/00 (2009.01) H04W 36/14 (2009.01) H04W 92/02 (2009.01)**

[25] EN

[54] **BASE STATION SYNCHRONIZATION FOR HANDOVER IN A HYBRID GSM/CDMA NETWORK**

[54] **SYNCHRONISATION DE STATION DE BASE POUR TRANSFERT INTERCELLULAIRE DANS UN RESEAU HYBRIDE GSM/AMRC**

[72] GRILLI, FRANCESCO, US
[72] JAIN, AVINASH, US
[73] QUALCOMM INCORPORATED, US
[86] (2711787)
[87] (2711787)
[22] 2001-01-08
[62] 2,396,770
[30] US (09/479,414) 2000-01-07

[11] **2,712,854**
[13] C

[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/496 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 13/12 (2006.01) A61P 27/06 (2006.01) C07D 401/04 (2006.01) C07D 403/06 (2006.01) C07D 405/04 (2006.01) C07D 409/04 (2006.01)**

[25] EN

[54] **CYCLIC INDOLE-3-CARBOXAMIDES, THEIR PREPARATION AND THEIR USE AS PHARMACEUTICALS**

[54] **INDOLE-3-CARBOXAMIDES CYCLIQUES, LEUR PREPARATION ET LEUR UTILISATION COMME PRODUITS PHARMACEUTIQUES**

[72] STEINHAGEN, HENNING, DE
[72] SCHEIPER, BODO, DE
[72] MATTER, HANS, DE
[72] STILZ, HANS ULRICH, DE
[72] MCCORT, GARY, FR
[73] SANOFI-AVENTIS, FR
[85] 2010-07-21
[86] 2009-01-17 (PCT/EP2009/000281)
[87] (WO2009/095163)
[30] EP (08290093.7) 2008-01-31

[11] **2,713,393**
[13] C

[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/00 (2009.01) H04W 12/06 (2009.01)**

[25] EN

[54] **SYSTEM FOR CUSTOMIZING ELECTRONIC SERVICES FOR DELIVERY TO A PASSENGER IN AN AIRBORNE WIRELESS CELLULAR NETWORK**

[54] **SYSTEME DE PERSONNALISATION DE SERVICES ELECTRONIQUES A L'INTENTION D'UN PASSAGE DANS UN RESEAU CELLULAIRE SANS FIL AEROPORTE**

[72] LEMOND, ERIC, US
[72] CHARI, ANAND K., US
[72] LAUER, BRYAN A., US
[72] DUNHAM, RICHARD C., US
[72] WEIGMAN, THOMAS E., US
[72] CRUZ, JOSEPH M., US
[72] SLADKY, DENNIS G., US
[72] MOFFATT, MICHAEL A., US
[72] TARGOSZ, KENNETH, US
[73] GOGO LLC, US
[85] 2010-07-27
[86] 2008-11-18 (PCT/US2008/083901)
[87] (WO2009/097042)
[30] US (12/021,169) 2008-01-28
[30] US (12/021,133) 2008-01-28
[30] US (12/021,125) 2008-01-28

[11] **2,713,740**
[13] C

[51] **Int.Cl. G09F 1/00 (2006.01) A47F 5/11 (2006.01) A47F 7/14 (2006.01) A47G 1/14 (2006.01) A47B 47/06 (2006.01)**

[25] EN

[54] **UPRIGHT DISPLAY AFFICHEUR VERTICAL**

[72] KAWAGUCHI, TOMOYA, JP
[72] NONOMIYA, EIICHIROU, JP
[73] GLOBAL POP GROUP PTY LTD, AU
[86] (2713740)
[87] (2713740)
[22] 2010-08-25
[30] JP (2009-198807) 2009-08-28

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[11] **2,713,976**
[13] C

[51] **Int.Cl. G01V 1/02 (2006.01) G01V 1/157 (2006.01)**

[25] EN

[54] **METHOD FOR ENHANCING LOW FREQUENCY OUTPUT OF IMPULSIVE TYPE SEISMIC ENERGY SOURCES FOR USE WHILE DRILLING**

[54] **PROCEDE D'AUGMENTATION DE LA SORTIE A BASSE FREQUENCE DE SOURCES D'ENERGIE SISMIQUES PAR IMPULSIONS DESTINE A ETRE UTILISE AU COURS D'UN FORAGE**

[72] RADTKE, ROBERT P., US
[72] STOKES, ROBERT H., US
[72] GLOWKA, DAVID A., US
[73] TECHNOLOGY INTERNATIONAL, INC., US
[85] 2010-08-03
[86] 2008-12-17 (PCT/US2008/087241)
[87] (WO2009/079588)
[30] US (61/014,473) 2007-12-18

[11] **2,714,188**
[13] C

[51] **Int.Cl. B65G 17/08 (2006.01) B65G 43/02 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR SENSING CONDITIONS LOCAL TO A MODULAR CONVEYOR BELT**

[54] **APPAREIL ET PROCEDE POUR DETECTER DES CONDITIONS LOCALES A UNE COURROIE TRANSPORTEUSE MODULAIRE**

[72] LAGNEAUX, JASON M., US
[73] LAITRAM, L.L.C., US
[85] 2010-08-04
[86] 2009-01-14 (PCT/US2009/030906)
[87] (WO2009/099724)
[30] US (12/026,824) 2008-02-06

[11] **2,714,438**
[13] C

[51] **Int.Cl. B01J 4/00 (2006.01) B01J 19/18 (2006.01)**

[25] EN

[54] **STIRRED-TANK REACTOR AND METHOD FOR CARRYING OUT A POLYMERISATION REACTION USING SAID TYPE OF STIRRED-TANK REACTOR**

[54] **REACTEUR AGITE ET PROCEDE POUR CONDUIRE UNE REACTION DE POLYMERISATION AU MOYEN D'UN TEL REACTEUR AGITE**

[72] CARLOFF, RUEDIGER, DE
[72] HEID, JOACHIM, DE
[72] PICKENAECKER, OLAF, DE
[73] EVONIK ROEHM GMBH, DE
[85] 2010-08-24
[86] 2008-11-28 (PCT/EP2008/066387)
[87] (WO2009/106173)
[30] DE (10 2008 000 432.4) 2008-02-28

[11] **2,714,721**
[13] C

[51] **Int.Cl. A61K 35/74 (2015.01) A61K 35/20 (2006.01) A61P 37/08 (2006.01)**

[25] EN

[54] **ANTI-ALLERGIC AGENT**

[54] **AGENT ANTIALLERGIQUE**

[72] KANO, HIROSHI, JP
[72] IKEGAMI, SHUJI, JP
[72] FURUICHI, KEISUKE, JP
[72] ITOU, HIROYUKI, JP
[72] ORII, NAOKI, JP
[73] MEIJI CO., LTD., JP
[85] 2010-08-11
[86] 2009-02-26 (PCT/JP2009/000851)
[87] (WO2009/107380)
[30] JP (2008-049714) 2008-02-29

[11] **2,714,895**
[13] C

[51] **Int.Cl. F04D 29/62 (2006.01) F04D 13/10 (2006.01)**

[25] EN

[54] **"O" HEAD DESIGN**

[54] **CONCEPTION DE TETE EN "O"**

[72] GUTIERREZ, JOSE RAMON, US
[72] O'DONNELL, RICHARD J., US
[72] DACH, TIMOTHY MICHAEL, US
[72] WEBSTER, STEVEN EDWIN, US
[73] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2010-08-09
[86] 2009-01-14 (PCT/US2009/030955)
[87] (WO2009/091801)
[30] US (61/020,902) 2008-01-14

[11] **2,716,048**
[13] C

[51] **Int.Cl. G01F 15/06 (2006.01) H04W 84/02 (2009.01) G01D 4/02 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **SAFETY UTILITY RECONNECT**

[54] **RACCORDEMENT SECURITAIRE A UN SERVICE PUBLIC**

[72] CORNWALL, MARK K., US
[72] CAHILL-O'BRIEN, BARRY, US
[72] STRASSER, ROBERT, US
[73] ITRON, INC., US
[86] (2716048)
[87] (2716048)
[22] 2010-09-29
[30] US (61/247,072) 2009-09-30
[30] US (12/892,235) 2010-09-28

[11] **2,716,227**
[13] C

[51] **Int.Cl. G01N 3/56 (2006.01) F01D 5/28 (2006.01)**

[25] FR

[54] **METHOD FOR TESTING THE COATING OF A VANE BASE**

[54] **PROCEDE POUR TESTER UN REVETEMENT DE PIED D'AUBE**

[72] BASSOT, ALAIN, FR
[72] DUDON, LAURENT, FR
[72] PERRIAU, ANNE-CLAIRE, FR
[73] SNECMA, FR
[85] 2010-08-19
[86] 2009-02-25 (PCT/FR2009/050295)
[87] (WO2009/112756)
[30] FR (0851181) 2008-02-25

[11] **2,717,357**
[13] C

[51] **Int.Cl. B64D 33/04 (2006.01) F02K 1/82 (2006.01)**

[25] FR

[54] **DEVICE FOR REDUCING TURBOPROP INFRARED EMISSIONS**

[54] **DISPOSITIF POUR REDUIRE LES EMISSIONS INFRAROUGE D'UN TURBOPROPULSEUR**

[72] DURAND, YVES, FR
[73] AIRBUS OPERATIONS (SAS), FR
[85] 2010-09-01
[86] 2009-03-16 (PCT/FR2009/000273)
[87] (WO2009/122037)
[30] FR (08/01538) 2008-03-20

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[13] C

[51] **Int.Cl. C07K 7/08 (2006.01) A61K 51/08 (2006.01)**
[25] EN
[54] **BOMBESIN ANALOG PEPTIDE ANTAGONIST CONJUGATES**
[54] **CONJUGUES ANTAGONISTES D'UN PEPTIDE DE L'ANALOGUE DE LA BOMBESINE**
[72] MAECKE, HELMUT, DE
[72] REUBI, JEAN CLAUDE, CH
[72] MANSI, ROSALBA, CH
[73] UNIVERSITAETSSPITAL BASEL, CH
[73] UNIVERSITAET BERN, CH
[85] 2010-09-01
[86] 2009-02-27 (PCT/EP2009/001403)
[87] (WO2009/109332)
[30] EP (08075180.3) 2008-03-07

[11] **2,719,334**
[13] C

[51] **Int.Cl. F27D 11/10 (2006.01) H05B 7/10 (2006.01)**
[25] EN
[54] **DEVICE FOR ADJUSTING THE LOCKING POINT OF AN ELECTRODE**
[54] **DISPOSITIF D'AJUSTEMENT DU POINT DE VERROUILLAGE D'UNE ELECTRODE**
[72] REALI, SILVIO, IT
[72] CAVALLINI, GIANCARLO, IT
[72] PICCARDI, GIANLUCIO, IT
[73] TENOVA S.P.A., IT
[73] PICCARDI S.R.L., IT
[85] 2010-09-22
[86] 2009-03-30 (PCT/IB2009/005169)
[87] (WO2009/122274)
[30] IT (BG2008A000017) 2008-04-01

[11] **2,719,479**
[13] C

[51] **Int.Cl. C08J 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A FILLED POLYMER MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU POLYMERE CHARGE**
[72] FEICHTINGER, KLAUS, AT
[72] WENDELIN, GERHARD, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
[85] 2010-09-24
[86] 2009-03-30 (PCT/AT2009/000127)
[87] (WO2009/121085)
[30] AT (A 502/2008) 2008-03-31

[11] **2,717,805**
[13] C

[51] **Int.Cl. C07D 231/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE REGIOSELECTIVE SYNTHESIS OF L-ALKYL-3-HALOALKYLPYRAZOLE-4-CARBOXYLIC ACID DERIVATIVES**
[54] **PROCEDE POUR EFFECTUER LA SYNTHESE REGIOSELECTIVE DE DERIVES DE L'ACIDE L-ALKYL-3-HALOGENOALKYL-PYRAZOL-4-CARBOXYLIQUE**
[72] PAZENOK, SERGI, DE
[72] LUI, NORBERT, DE
[72] NEEFF, ARND, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2010-09-07
[86] 2009-02-26 (PCT/EP2009/001354)
[87] (WO2009/112157)
[30] EP (08152532.1) 2008-03-10

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[54] **INSTALLATION D'ENERGIE EOLIENNE POSSEDANT PLUSIEURS SEGMENTS DE CONSTRUCTION**
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[72] TRAUERNICHT, GUIDO, DE
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[54] **COMPOSITION ET METHODE DE LUTTE CONTRE LES ORGANISMES NUISIBLES**
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[72] AWAZU, TAKAO, JP
[72] NAKAGAWA, AKIRA, JP
[72] IWASA, MITSUGU, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
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[54] **SYSTEME D'UTILISATION EFFICACE DES SCORIES COMME ECO-RESSOURCE**
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[73] KANTOKANZAI CO., LTD., JP
[86] (2719468)
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[54] **SYSTEM AND METHOD OF RESISTANCE BASED MEMORY CIRCUIT PARAMETER ADJUSTMENT**
[54] **SYSTEME ET PROCEDE PERMETTANT D'AJUSTER LES PARAMETRES D'UN CIRCUIT MEMOIRE A RESISTANCE**
[72] JUNG, SEONG-OOK, US
[72] KIM, JISU, US
[72] SONG, JEE-HWAN, US
[72] KANG, SEUNG, H., US
[72] YOON, SEI, SEUNG, US
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[73] YONSEI UNIVERSITY, KR
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[54] **PROCEDE D'EPURATION DU N<SB>2</SB>O**
[72] ROESSLER-FEIGEL, BEATRICE, DE
[72] TELES, JOAQUIM HENRIQUE, DE
[72] BAUMANN, DIETER, DE
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[54] **ANNEXED PINNING SYSTEM**
[54] **SYSTEME DE FIXATION ANNEXE**
[72] WILLETT, PAUL EATON, AU
[73] MOFFAT PTY LIMITED, AU
[86] (2720718)
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[72] VERRIER, SOPHIE, CH
[72] EGLIN, DAVID OLIVIER, CH
[73] AO TECHNOLOGY AG, CH
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[54] **DERIVE DE CYCLOPENTYLACRYLAMIDE**
[72] FUKUDA, YASUMICHI, JP
[72] ASAHINA, YOSHIKAZU, JP
[72] TAKADOI, MASANORI, JP
[72] YAMAMOTO, MASANORI, JP
[73] KYORIN PHARMACEUTICAL CO., LTD., JP
[73] TEIJIN PHARMA LIMITED, JP
[85] 2010-10-27
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[54] **ENSEMBLE EMBASE**
[72] BRISIGHELLA, DARIO, G., JR., US
[72] JORDAN, MICHAEL PERRY, US
[72] BALLAM, DAVID ORAL, US
[72] MERRELL, GLADE ALAN, US
[72] BAUGH, JEFFERY GREG, US
[73] AUTOLIV ASP, INC., US
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[25] FR
[54] **COATING COMPOSITION FOR THE STORAGE OF WASTE THAT IS TOXIC TO HEALTH AND/OR THE ENVIRONMENT, WHICH IS FREE FROM AN AROMATIC AMINE CURING AGENT**
[54] **COMPOSITION D'ENROBAGE POUR LE STOCKAGE DE DECHETS TOXIQUES POUR LA SANTE ET/OU L'ENVIRONNEMENT DEPOURVUE D'AGENT DURCISSEUR AMINE AROMATIQUE**
[72] DHERSIN, CHRISTINE, FR
[73] CCP COMPOSITES, FR
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[54] **METAL BASE CIRCUIT BOARD**

[54] **CARTE DE CIRCUIT IMPRIME A BASE METALLIQUE**

[72] NISHI TAIKI, JP

[72] MIYAKAWA TAKESHI, JP

[72] YAMAZAKI KIYOKAZU, JP

[72] SAIKI TAKASHI, JP

[73] DENKA COMPANY LIMITED, JP

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[54] **LOW USE RATE AGRICULTURAL COMPOSITIONS AND METHODS FOR USE**

[54] **COMPOSITIONS POUR L'AGRICULTURE A FAIBLE TAUX D'UTILISATION ET LEURS PROCEDES D'UTILISATION**

[72] WU, DAN, US

[72] KISENWETHER, MICHAEL J., US

[72] SHANMUGANANDAMURTHY, KRISHNAMURTHY, US

[73] RHODIA OPERATIONS, FR

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[54] **CLIENT DEVICE, INFORMATION PROCESSING SYSTEM AND ASSOCIATED METHODOLOGY OF ACCESSING NETWORKED SEVICES**

[54] **DISPOSITIF CLIENT, SYSTEME DE TRAITEMENT DE L'INFORMATION ET METHODOLOGIE CONNEXE D'ACCES A DES SERVICES EN RESEAU**

[72] TAKAKURA, HIROKI, JP

[72] GERSHNIK, ANNA, US

[72] BEAVER, BRIAN, US

[72] MCCOY, CHARLES, US

[73] SONY CORPORATION, JP

[73] SONY ELECTRONICS INC., US

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[54] **COATING APPARATUS**

[54] **DISPOSITIF DE REVETEMENT**

[72] BOETTGER, FRANK, DE

[72] SPAETH, GUENTHER, DE

[73] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE

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[25] EN

[54] **METHOD FOR FILLING DUAL-CHAMBER SYSTEMS IN PRE-STERILIZABLE CARRIER SYSTEMS AND PRE-STERILIZABLE CARRIER SYSTEM**

[54] **PROCEDE POUR REMPLIR DES SYSTEMES A CHAMBRE DOUBLE DANS DES SYSTEMES SUPPORTS PRESTERILISABLES ET SYSTEME SUPPORT PRESTERILISABLE**

[72] BOETTGER, FRANK, DE

[72] BOEBST, BENJAMIN, DE

[73] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE

[85] 2010-12-15

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[54] **DEVICE AND METHOD FOR CHECKING THE LEAK TIGHTNESS OF CAPS ON MEDICAL HOLLOW BODIES**

[54] **DISPOSITIF ET PROCEDE DE VERIFICATION DE L'ETANCHEITE DE CAPUCHONS DE FERMETURE SUR DES CORPS CREUX UTILISES DANS LE DOMAINE MEDICAL**

[72] FISCHER, THOMAS, DE

[72] SIMADER, MANFRED, DE

[72] KAVALLAR, GUENTER, DE

[73] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE

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[54] **PRODUIT ALIMENTAIRE ALVEOLE**

[72] SLUSARCZYK, PETER SEBASTIAN, US
[72] ZIENER, TRACEY DIANNE, US
[72] WANG, YIJUN, US
[72] SHIELDS, FRANCIS S., US
[73] MARS, INCORPORATED, US
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[54] **MACHINE HYDRAULIQUE ET INSTALLATION DE CONVERSION D'ENERGIE COMPRENANT UNE TELLE MACHINE**

[72] BERTEA, JEAN-FRANCOIS, FR
[72] VUILLEROD, GERARD, FR
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR
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[54] **PROCESS FOR FLEXIBLE VACUUM GAS OIL CONVERSION USING DIVIDED WALL FRACTIONATION**
[54] **PROCEDE DE CONVERSION SOUPLE DE GASOIL SOUS VIDE UTILISANT UNE COLONNE DE FRACTIONNEMENT A PAROI DIVISEE**

[72] GORBATY, MARTIN L., US
[72] COOK, BRUCE R., US
[72] FERRUGHELLI, DAVID T., US
[72] ENGLISH, JASON B., US
[72] LOWENTHAL, STEVEN S., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR GRAPHICAL CONTROL OF USER INTERFACE FEATURES PROVIDED BY A TELEVISION RECEIVER**
[54] **SYSTEMES ET PROCEDES POUR UNE COMMANDE GRAPHIQUE DE FONCTIONS D'INTERFACE UTILISATEUR FOURNIES PAR UN RECEPTEUR DE TELEVISION**

[72] WHITE, JAMES MATTHEW, US
[72] TAXIER, KAREN MICHELLE, US
[72] VANDUYN, LUKE, US
[72] RUDOLPH, DANIEL L., US
[72] COBURN, MATTHEW, US
[72] MINNICK, DANNY JEAN, US
[72] STEINERT, MICHAEL T., US
[73] ECHOSTAR TECHNOLOGIES LLC, US
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[72] BENTLEY, DEVLIN DAVID, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **METHOD FOR LOW WATER HYDROLYSIS OR PRETREATMENT OF POLYSACCHARIDES IN A LIGNOCELLULOSIC FEEDSTOCK**

[54] **PROCEDE D'HYDROLYSE A FAIBLE TENEUR EN EAU OU DE PRETRAITEMENT DE POLYSACCHARIDES DANS UNE CHARGE LIGNOCELLULOSIQUE**

[72] ANAND, VIJAY KUMAR, CA
[72] ROWLAND, STEPHEN A., CA
[72] FOODY, PATRICK, SR., CA
[73] IOGEN ENERGY CORPORATION, CA

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[54] **PASS-THROUGH FIRESTOP APPARATUS AND METHODS**

[54] **APPAREIL COUPE-FEU TRAVERSANT ET PROCEDES ASSOCIES**

[72] CORDTS, BRANDON L., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2011-01-27
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[54] **METHOD OF PROFILING A TUBE OF GIVEN LENGTH**

[54] **PROCEDE DE PROFILAGE D'UN TUBE D'UNE LONGUEUR DONNEE**

[72] VALLE, VITTORIO RENATO, IT
[73] VAVIT S.R.L., IT
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[54] **EXHAUST DIFFUSER**

[54] **DIFFUSEUR D'ECHAPPEMENT**

[72] CASTNER, JAMES, US
[72] WAGGONER, MICHAEL A., US
[73] PACCAR INC, US

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[54] **REPOSITIONABLE SELF STICK PAINT SWATCH FOR TESTING SAMPLES OF PAINTS ON A WALL**

[54] **COUPON DE PEINTURE AUTOCOLLANT REPOSITIONNABLE POUR TESTER DES ECHANTILLONS DE PEINTURES SUR UN MUR**

[72] HERSH, WILLIAM B., US
[73] MYRA HERSH DBA MB PRODUCTS, US

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[54] **OFFSET GUARD BOLT ATTACHMENT SYSTEM**

[54] **SYSTEME DE FIXATION A BOULONS DE PROTECTION DECALES**

[72] DICTRICH, DAVE, CA
[73] DIETRICH, DAVE, CA
[85] 2011-02-08
[86] 2009-08-07 (PCT/CA2009/001100)
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[30] CA (2638565) 2008-08-08

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[13] C

[51] **Int.Cl. H04L 12/24 (2006.01) H04W 28/08 (2009.01)**

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[54] **COMMUNICATIONS SYSTEM PROVIDING SERVER LOAD BALANCING BASED UPON LOAD AND SEPARATION METRICS AND RELATED METHODS**

[54] **SYSTEME DE COMMUNICATION A EQUILIBRAGE DE CHARGE DU SERVEUR BASE SUR LA MESURE ET LA SEPARATION DES CHARGES, ET PROCEDES CONNEXES**

[72] BROWN, ANDREW JAMES GUY, CA
[72] WYATT, COLIN ERNEST, CA
[73] BLACKBERRY LIMITED, CA

[86] (2733625)
[87] (2733625)
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[54] **METHOD FOR CONTROLLING THE DEGRADATION OF CYAZOFAMID**
[54] **METHODE DE CONTROLE DE LA DEGRADATION DU CYAZOFAMID**
[72] SHINDO, TAKESHI, JP
[72] OHNO, HIROMI, JP
[72] ISHIBASHI, YUTAKA, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
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[13] C

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[54] **MOTEURS PAS A PAS A AIMANT PERMANENT**
[72] ZHAO, STEVE ZONG-PING, US
[73] MOOG INC., US
[85] 2011-02-16
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[54] **TUBE-STYLE TRUCK BODY**
[54] **CARROSSERIE TUBULAIRE DE CAMION**
[72] D'AMICO, JOHN A., US
[72] FRANK, DENNIS A., US
[73] MINE RITE TECHNOLOGIES, LLC, US
[86] (2734733)
[87] (2734733)
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[72] HIRASAWA KAZUAKI, JP
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[72] SATOU HIROSHI, JP
[72] YATA TETSUHISA, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
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[72] JOHNSON, NEIL W., US
[72] LIN, HONG, US
[72] PENG, XIN, US
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[72] JOKANOLA, OLUFEMI AKANDE, US

[73] CONOCOPHILLIPS COMPANY, US

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[72] WINDERS, MARK, US

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[72] CORBETT, JULIE, US

[72] GRAHAM, ROMEO, CA

[72] WATTERS, ROBERT, CA

[72] SIROIS, MICHAEL, CA

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[72] STEER, DAVID, CA

[73] BLACKBERRY LIMITED, CA

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[54] **AGENCEMENT D'UN ENTRAINEMENT POUR POMPE OU COMPRESSEUR**

[72] LARSEN, ANDREAS BORRE, NO

[72] BENDIKSEN, JAN MARTIN, NO

[72] SJULSTAD, TROND, NO

[72] BRANDSAETER, TOR HELGE, NO

[72] STRAND, OLA, NO

[72] PETERSEN, CHRISTIAN, NO

[73] TECHNI AS, NO

[73] PG FLOW SOLUTIONS AS, NO

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[54] **CONTROLEUR DE SURFACE TACTILE MULTIPOINT**

[72] HOTELLING, STEVEN P., US

[72] KRAH, CHRISTOPH H., US

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[72] MCGUIRE, JOSEPH, GB

[72] STEVENSON, JOHN, GB

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[72] DABIDEEN, DARRIN R., US

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[72] WOOD, ROBERT HENDERSON, CA
[72] BOWMAN, ROGER PAUL, CA
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[54] **PROCEDES ET DISPOSITIFS DESTINES A CREER UNE ANASTOMOSE DE MANIERE ENDOSCOPIQUE**
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[54] **SYSTEMES ET PROCEDES D'ALARME A DISTANCE**
[72] REAMS, WILLIAM, US
[73] ECHOSTAR TECHNOLOGIES LLC, US
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[73] STANG TECHNOLOGIES LTD, CA
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[72] HUGHES, DAVID CHARLES, US
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[54] **TECHNIQUES POUR EVALUER UNE INCONTINENCE D'URINE A L'EFFORT A L'AIDE D'UN TEST DE TOUX REFLEXE INVOLONTAIRE**
[72] ADDINGTON, W. ROBERT, US
[72] STEPHENS, ROBERT E., US
[72] PHELIPA, MICHAEL M., US
[72] BRIGANTI, MARY W., US
[72] MILLER, STUART P., US
[73] PNEUMOFLEX SYSTEMS, LLC, US
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[54] **PRE-ESTERIFICATION DE POLYOLS PRIMAIRES POUR AMELIORER LA SOLUBILITE DANS DES SOLVANTS UTILISES DANS LE PROCEDE POLYOL**

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[72] GARBARK, DANIEL B., US

[72] VIJAYENDRAN, BHIMA RAO, MY

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[72] CROWE, LOUIS, IE

[72] CAULFIELD, BRIAN, IE

[72] MINOGUE, CONOR, IE

[72] MAHER, RUTH, US

[73] UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN, IE

[73] BIO-MEDICAL RESEARCH LTD., IE

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[54] **MISE A DISPOSITION DE PROGRAMMATION PRECEDEMENT RADIODIFFUSEE**

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[73] ELDON TECHNOLOGY LIMITED TRADING AS ECHOSTAR EUROPE, GB

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[54] **ENREGISTREMENT D'EMISSION TELEVISEE AVEC DETERMINATION DE PREFERENCE UTILISATEUR**

[72] ISMAIL, LABEED K., US

[72] GOGOI, AMAR N., US

[72] STUPAK, YURI, US

[73] METABYTE, INC., US

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[54] **PROCEDES ET SYSTEMES PERMETTANT D'OPTIMISER LES OPERATIONS DE STOCKAGE DE DIOXYDE DE CARBONE**

[72] VERMA, SANDEEP, US

[72] OAKES, CHARLES S., US

[72] RAMAKRISHNAN, TERIZHANDUR S., US

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **SYSTEME DE COMMUNICATION ET PROCEDE DE RECEPTION DISCONTINUE**

[72] KATO, YASUYUKI, JP

[72] YAMADA, SHOHEI, JP

[72] NAKASHIMA, DAIICHIRO, JP

[72] UEMURA, KATSUNARI, JP

[73] SHARP KABUSHIKI KAISHA, JP

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[11] **2,756,337**
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[54] **RHENIUM RECOVERY**

[54] **RECUPERATION DE RHENIUM**

[72] FERRON, CESARE G., CA

[72] SEELEY, LARRY E., CA

[73] MARITIME HOUSE METALS INC., CA

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[54] **SEAL ARRANGEMENT**
[54] **ASSEMBLAGE JOINT**
[72] VASSILIEV, VLADIMIR, CH
[72] MAGNI, FULVIO, CH
[72] ODINOKOV, VICTOR VLADIMIROVICH, RU
[72] CHERNYSHEV, SERGEY ANATOLIEVICH, RU
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2756371)
[87] (2756371)
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[25] EN
[54] **SERVER FOR CONTROL PLANE AT MOBILE COMMUNICATION NETWORK AND METHOD FOR CONTROLLING ESTABLISHMENT OF CONNECTION THEREOF**
[54] **SERVEUR POUR PLAN DE COMMANDE DESTINE A UN RESEAU DE COMMUNICATION MOBILE ET PROCEDE DE COMMANDE D'ETABLISSEMENT DE CONNEXION APPARENTE**
[72] KIM, TAE-HYEON, KR
[72] KIM, LAE-YOUNG, KR
[72] KIM, HYUN-SOOK, KR
[73] LG ELECTRONICS INC., KR
[85] 2011-09-29
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[25] EN
[54] **THERAPEUTIC AGENT FOR DISEASES IN WHICH NEOPLASTIC PROLIFERATION OF PLASMA CELLS OCCURS**
[54] **AGENT THERAPEUTIQUE POUR DES MALADIES DANS LESQUELLES SE PRODUIT UNE PROLIFERATION NEOPLASIQUE DE PLASMOCYTES**
[72] HOSEN, NAOKI, JP
[72] SUGIYAMA, HARUO, JP
[73] OSAKA UNIVERSITY, JP
[85] 2011-10-05
[86] 2010-04-09 (PCT/JP2010/056449)
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[25] EN
[54] **BRUSHLESS DC MOTOR STRUCTURE**
[54] **STRUCTURE DE MOTEUR A COURANT CONTINU SANS BALAIS**
[72] LIU, YONGGANG, CN
[72] TANG, SONGFA, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[86] (2758673)
[87] (2758673)
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[54] **BAGUE COLLECTRICE**
[72] ANGERPOINTNER, LUDWIG, DE
[73] LTN SERVOTECHNIK GMBH, DE
[86] (2759587)
[87] (2759587)
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[25] EN
[54] **SOLUBLE PHARMACEUTICAL FORMS OF N,N'-DIAMINODIPHENYL SULPHONE FOR OPTIMUM USE IN THE TREATMENT OF VARIOUS DISEASES**
[54] **FORMES PHARMACEUTIQUES SOLUBLES DE LA N, N'-DIAMINO-DIPHENYLSULFONE POUR UN USAGE OPTIMAL DANS LE TRAITEMENT DE DIVERSES MALADIES**
[72] ALTAGRACIA MARTINEZ, MARINA, MX
[72] RIOS CASTANEDA, LUIS CAMILO, MX
[72] KRAVZOV JINICH, JAIME, MX
[72] DAIZ RUIZ, MARIA DE LOS ANGELES ARACELI, MX
[73] UNIVERSIDAD AUTONOMA METROPOLITANA, MX
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[30] MX (MX/a/2009/004635) 2009-04-29

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[54] **BIDIRECTIONAL SEAL ASSEMBLY FOR USE WITH VALVES**
[54] **ENSEMBLE D'ETANCHEITE BIDIRECTIONNELLE DESTINE A ATRE UTILISE AVEC DES SOUPAPES**
[72] FAAS, WAYNE RUSSELL, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2011-10-27
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[25] EN
[54] **AN INSPECTION METHOD AND AN INSPECTION APPARATUS**
[54] **PROCEDE D'INSPECTION ET APPAREIL D'INSPECTION**
[72] STALKER, MARC PHILIP, GB
[72] CLEE, STEVAN, GB
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2011-10-28
[86] 2010-04-29 (PCT/EP2010/055859)
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[30] AU (2009901899) 2009-04-30

[11] **2,761,429**
[13] C

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[25] EN
[54] **METHOD FOR CONTROLLING AN AMOUNT OF MATERIAL DELIVERED DURING A MATERIAL TRANSFER**
[54] **PROCEDE DE REGULATION D'UNE QUANTITE DE MATIERE DELIVREE PENDANT UN TRANSFERT DE MATIERE**
[72] ASH, RAYMOND HOUSTON, US
[72] CHAPPELL, DAVID ARTHUR, US
[72] IVEY, LARA JEANNE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2761429)
[87] (2761429)
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[13] C

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[25] EN
[54] **CO-ROTATING STACKED ROTOR DISKS FOR IMPROVED HOVER PERFORMANCE**
[54] **DISQUES ROTORS EMPILES CO-ROTATIFS POUR DES PERFORMANCES DE VOL STATIONNAIRE AMELIOREES**
[72] BRUNKEN, JOHN E., JR., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2011-11-16
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[13] C

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[25] EN
[54] **OPTICAL CONNECTOR DEVICE AND MATING OPTICAL CONNECTOR DEVICE**
[54] **DISPOSITIF POUR CONNECTEUR OPTIQUE ET DISPOSITIF POUR CONNECTEUR OPTIQUE HOMOLOGUE**
[72] KATAGIYAMA, NAOKI, JP
[72] KOREEDA, YUICHI, JP
[72] TAKAHASHI, HISAYA, JP
[72] ODA, MIKIO, JP
[72] ONO, HIDEYUKI, JP
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
[85] 2011-11-17
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[30] JP (2009-126209) 2009-05-26

[11] **2,763,160**
[13] C

[51] **Int.Cl. H04S 5/00 (2006.01)**
[25] EN
[54] **VIRTUAL AUDIO PROCESSING FOR LOUDSPEAKER OR HEADPHONE PLAYBACK**
[54] **TRAITEMENT AUDIO VIRTUEL POUR UNE REPRODUCTION PAR UN HAUT-PARLEUR OU UN CASQUE**
[72] WALSH, MARTIN, US
[72] SMITH, WILLIAM PAUL, GB
[72] JOT, JEAN-MARC, US
[73] DTS, INC., US
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[86] 2010-05-28 (PCT/US2010/036683)
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[30] US (61/217,562) 2009-06-01
[30] US (12/762,915) 2010-04-19

[11] **2,763,594**
[13] C

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[25] EN
[54] **POLYMER COMPOSITION FOR CROSSLINKED PIPES**
[54] **COMPOSITION DE POLYMERE POUR TUYAUX RETICULES**
[72] EK, CARL-GUSTAV, SE
[72] ODERKERK, JEROEN, SE
[72] PALMLOEF, MAGNUS, SE
[72] SUNDHOLM, TUA, SE
[73] BOREALIS AG, AT
[85] 2011-11-25
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[11] **2,763,849**
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[51] **Int.Cl. B65D 81/38 (2006.01) F25D 3/12 (2006.01)**
[25] EN
[54] **A TEMPERATURE CONTROL SYSTEM**
[54] **SYSTEME REGULATEUR DE TEMPERATURE**
[72] TATTAM, EDWIN FRANCIS, GB
[73] SOFTBOX SYSTEMS LIMITED, GB
[85] 2011-11-29
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[30] GB (0909249.5) 2009-05-29

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[25] EN
[54] **MATERIALS COMPRISING A MATRIX AND PROCESS FOR PREPARING THEM**
[54] **MATERIAUX COMPRENANT UNE MATRICE ET PROCEDE DE PREPARATION DE CEUX-CI**
[72] BLEYS, GERHARD JOZEF, BE
[72] VERBEKE, HANS GODELIEVE GUIDO, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2011-12-01
[86] 2010-05-10 (PCT/EP2010/056312)
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[25] EN
[54] **GENE CAPABLE OF IMPROVING MATERIAL PRODUCTIVITY IN SEED AND METHOD FOR USE THEREOF**
[54] **GENE CAPABLE D'AMELIORER LA PRODUCTIVITE D'UNE SUBSTANCE DANS UNE SEMENCE, ET SON PROCEDE D'UTILISATION**
[72] KONDO SATOSHI, JP
[72] OHTO CHIKARA, JP
[72] MURAMOTO NOBUHIKO, JP
[72] MITSUKAWA NORIHIRO, JP
[72] TAKAGI MASARU, JP
[72] MATSUI KYOKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2011-12-05
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[87] (WO2010/140682)
[30] JP (2009-135321) 2009-06-04

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[25] EN
[54] **RICE WRAPPER AND WRAPPED RICE**
[54] **EMBALLAGE DE RIZ ET RIZ EMBALLE**
[72] FUJIMORI, SHUICHI, JP
[73] FUJIMORI, SHUICHI, JP
[85] 2011-12-15
[86] 2010-05-27 (PCT/JP2010/059039)
[87] (WO2011/024526)
[30] JP (2009-197264) 2009-08-27
[30] JP (2009-255338) 2009-11-06

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[13] C

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[25] EN
[54] **PRODUCTION OF COTTAGE CHEESE BY USING STREPTOCOCCUS THERMOPHILUS**
[54] **PRODUCTION DE FROMAGE BLANC AU MOYEN DE STREPTOCOCCUS THERMOPHILUS**
[72] CARLSON, MORTEN, DK
[72] JANZEN, THOMAS, DK
[73] CHR. HANSEN A/S, DK
[85] 2012-01-04
[86] 2010-07-09 (PCT/EP2010/059903)
[87] (WO2011/004012)
[30] EP (09165147.1) 2009-07-10
[30] EP (09168730.1) 2009-08-26

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[25] EN
[54] **CURABLE SILICONE COMPOSITIONS CONTAINING REACTIVE NON-SILOXANE-CONTAINING RESINS**
[54] **COMPOSITIONS DE SILICONE DURCISSABLES CONTENANT DES RESINES REACTIVES NE CONTENANT PAS DE SILOXANE**
[72] VEROSKY, CHRISTOPHER, US
[72] LEVANDOSKI, MICHAEL P., US
[72] CORRAO, RICHARD, US
[72] LIN, CHIU-SING, US
[72] ISSARI, BAHARAM, US
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2012-01-12
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[87] (WO2011/011371)
[30] US (61/227,322) 2009-07-21

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[13] C

[51] **Int.Cl. C22B 1/26 (2006.01) C22B 1/16 (2006.01) F27B 9/12 (2006.01)**
[25] EN
[54] **METHOD AND STRAND SINTERING EQUIPMENT FOR CONTINUOUS SINTERING OF PELLETIZED MINERAL MATERIAL**
[54] **PROCEDE ET EQUIPEMENT D'AGGLOMERATION SUR BANDE PERMETTANT L'AGGLOMERATION EN CONTINU D'UNE MATIERE MINERALE GRANULEE**
[72] PALANDER, MARKO, FI
[73] OUTOTEC OYJ, FI
[85] 2012-01-13
[86] 2010-08-03 (PCT/FI2010/050615)
[87] (WO2011/015713)
[30] FI (20095821) 2009-08-04

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[25] EN

[54] **ELECTRON BEAM IRRADIATION OF BULK MATERIAL SOLIDS**

[54] **RAYONNEMENT PAR FAISCEAU ELECTRONIQUE DE MATERIAUX SOLIDES EN VRAC**

[72] MINBIOLE, PAUL R., US

[72] YASENCHAK, DANIEL F., US

[72] KEENAN, DAVID W., US

[73] E-BEAM SERVICES, INC., US

[85] 2012-01-17

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[30] US (12/535,368) 2009-08-04

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[54] **KNEE PROSTHESIS**

[54] **PROTHESE DU GENOU**

[72] WYSS, URS, CA

[72] AMIRI, SHAHRAM, CA

[72] COOKE, THEODORE DEREK VERNON, CA

[73] WYSS, URS, CA

[73] AMIRI, SHAHRAM, CA

[73] ORTHOPAEDIC INNOVATION CENTRE INC., CA

[85] 2012-01-24

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[30] EP (09167563.7) 2009-08-10

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[51] **Int.Cl. G09F 7/02 (2006.01) G09F 7/08 (2006.01) A01K 27/00 (2006.01) A47G 33/00 (2006.01)**

[25] EN

[54] **DISPLAY STRUCTURE AND SUPPORT BODY**

[54] **STRUCTURE D’AFFICHAGE ET CORPS DE SUPPORT**

[72] MATSUSHITA, TERUAKI, JP

[73] MATSUSHITA, TERUAKI, JP

[85] 2012-01-23

[86] 2009-08-03 (PCT/JP2009/003692)

[87] (WO2010/055598)

[11] **2,772,960**
[13] C

[51] **Int.Cl. F16L 35/00 (2006.01) A62C 33/04 (2006.01) F16L 31/00 (2006.01) F16L 37/252 (2006.01)**

[25] EN

[54] **HIGH-VISIBILITY LOCKING LEVERS FOR FIRE HOSE COUPLINGS**

[54] **LEVIERS DE VERROUILLAGE A HAUTE VISIBILITE POUR RACCORDS DE TUYAUX D’INCENDIE**

[72] RICHARDSON, ROBERT, CA

[73] MERCEDES TEXTILES LTD., CA

[85] 2012-03-02

[86] 2010-09-13 (PCT/CA2010/001410)

[87] (WO2011/032262)

[30] US (61/243,757) 2009-09-18

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[13] C

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[25] EN

[54] **WETTABLE HYDROGEL CONTACT LENS AND METHOD FOR PRODUCING SAME**

[54] **LENTILLE DE CONTACT HYDROGEL MOUILLABLE ET PROCEDE DE PRODUCTION ASSOCIE**

[72] MATSUNAGA, TORU, JP

[72] FUJISHIRO, YOKO, JP

[72] SATO, TAKAO, JP

[73] SEED CO., LTD., JP

[85] 2012-03-02

[86] 2009-09-01 (PCT/JP2009/065236)

[87] (WO2010/140267)

[30] JP (2009-134090) 2009-06-03

[11] **2,773,506**
[13] C

[51] **Int.Cl. H04W 88/02 (2009.01) G08B 3/00 (2006.01) G10L 15/00 (2013.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR LOCATING A MISPLACED MOBILE DEVICE**

[54] **SYSTEME ET METHODE PERMETTANT DE LOCALISER UN DISPOSITIF MOBILE EGARE**

[72] WALKER, DAVID RYAN, CA

[72] FENSOM, ERICA MAUREEN, AU

[73] BLACKBERRY LIMITED, CA

[86] (2773506)

[87] (2773506)

[22] 2012-04-04

[30] EP (11161388.1) 2011-04-06

[11] **2,773,709**
[13] C

[51] **Int.Cl. C25D 3/38 (2006.01) B32B 15/00 (2006.01) B32B 18/00 (2006.01) C25D 3/02 (2006.01) H01L 31/18 (2006.01)**

[25] EN

[54] **ELECTROCHEMICAL METHOD OF PRODUCING COPPER INDIUM GALLIUM DISELENIDE (CIGS) SOLAR CELLS**

[54] **PROCEDE ELECTROCHIMIQUE DE PRODUCTION DE PILES SOLAIRES AU DISELENIUM DE CUIVRE-INDIUM-GALLIUM (CIGS)**

[72] LAU, LEO W. M., CA

[72] DING, ZHIFENG, CA

[72] YANG, JUN, CA

[72] LOVE, DAVID ANTHONY, CA

[72] HARATI, MOHAMMAD, CA

[73] CHENGDU ARK ETERNITY PHOTOVOLTAIC TECHNOLOGY COMPANY LIMITED, CN

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[13] C
[51] **Int.Cl. B60N 3/04 (2006.01)**
[25] EN
[54] **TWO-PIECE VEHICLE FLOOR COVER RETENTION DEVICE**
[54] **DISPOSITIF DE RETENUE DE COUVERCLE DE PLANCHER DE VEHICULE A DEUX ELEMENTS**
[72] MASANEK, FREDERICK W., JR., US
[72] PERKINS, JEFFERSON, US
[73] MACNEIL IP LLC, US
[86] (2776094)
[87] (2776094)
[22] 2012-05-08
[30] US (13/457,625) 2012-04-27

[11] **2,776,329**
[13] C
[51] **Int.Cl. F01N 3/28 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR PURIFICATION OF AN EXHAUST GAS FROM AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE ET DISPOSITIF POUR L'EPURATION D'UN GAZ D'ECHAPPEMENT ISSU D'UN MOTEUR A COMBUSTION INTERNE**
[72] JOHANSEN, KELD, DK
[72] DALSKOV, NIELS POUL, DK
[72] NORSK, JESPER, DK
[73] HALDOR TOPSOE A/S, DK
[85] 2012-04-02
[86] 2010-10-26 (PCT/EP2010/006531)
[87] (WO2011/050940)
[30] DK (PA 2009 01167) 2009-10-28

[11] **2,778,109**
[13] C
[51] **Int.Cl. B60J 5/06 (2006.01)**
[25] EN
[54] **ROLLER ASSEMBLY FOR SLIDING VEHICLE CLOSURE**
[54] **TRAIN DE GALETS POUR FERMETURE COULISSANTE DE VEHICULE**
[72] KITAYAMA, KENICHI, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2012-04-17
[86] 2010-09-14 (PCT/US2010/048746)
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[30] US (12/582,136) 2009-10-20

[11] **2,778,419**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DATACENTER WORKFLOW AUTOMATION SCENARIOS USING VIRTUAL DATABASES SCENARIOS**
[54] **D'AUTOMATISATION DES FLUX DE TRAVAUX EN CENTRE DE DONNEES AVEC UTILISATION DE BASES DE DONNEES VIRTUELLES**
[72] ZHA, CHARLIE LI, US
[72] YUEH, JEDIDIAH, US
[72] SRIVASTAVA, ALOK KUMAR, US
[73] DELPHIX CORP., US
[85] 2012-04-20
[86] 2010-10-15 (PCT/US2010/052963)
[87] (WO2011/049840)
[30] US (12/603,545) 2009-10-21

[11] **2,779,586**
[13] C
[51] **Int.Cl. B60K 15/077 (2006.01) B67D 7/80 (2010.01) B65D 88/74 (2006.01) F28D 1/04 (2006.01)**
[25] EN
[54] **FUEL COOLER ASSEMBLY**
[54] **ASSEMBLAGE DE REFROIDISSEMENT DE CARBURANT**
[72] JORGENSEN, INER M., US
[73] PACCAR INC, US
[86] (2779586)
[87] (2779586)
[22] 2012-06-08
[30] US (13/157,766) 2011-06-10

[11] **2,780,505**
[13] C
[51] **Int.Cl. H04W 4/14 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND EQUIPMENT FOR IMPLEMENTING USSD SERVICE IN CDMA NETWORK**
[54] **PROCEDE, SYSTEME ET EQUIPEMENT POUR METTRE EN OEUVRE UN SERVICE USSD DANS UN SERVICE CDMA**
[72] SHEN, SONG, CN
[72] HU, DAN, CN
[73] ZTE CORPORATION, CN
[85] 2012-05-08
[86] 2010-03-24 (PCT/CN2010/071280)
[87] (WO2010/148682)
[30] CN (200910211443.4) 2009-11-10

[11] **2,780,837**
[13] C
[51] **Int.Cl. C04B 35/80 (2006.01) C04B 35/03 (2006.01) C04B 35/10 (2006.01) C04B 35/14 (2006.01)**
[25] EN
[54] **CERAMIC FIBER COMPOSITION WHICH IS SOLUBLE IN SALT**
[54] **COMPOSITION DE FIBRES CERAMIQUES SOLUBLE DANS LES SELS**
[72] LEE, JIN HEUK, KR
[72] LEE, SI MOO, KR
[72] KIM, HONG KYEOM, KR
[72] JUNG, WON SIK, KR
[73] KCC CORPORATION, KR
[85] 2012-05-14
[86] 2010-11-17 (PCT/KR2010/008129)
[87] (WO2011/065698)
[30] KR (10-2009-0115682) 2009-11-27

[11] **2,781,237**
[13] C
[51] **Int.Cl. G01S 7/487 (2006.01) G01S 17/10 (2006.01) G01S 17/36 (2006.01)**
[25] EN
[54] **HIGHLY ACCURATE DISTANCE MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE TRES PRECISE D'UNE DISTANCE**
[72] STUTZ, RETO, CH
[72] FRITSCH, ROBERT, CH
[72] HINDERLING, JUERG, CH
[72] ROHNER, MARCEL, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2012-05-17
[86] 2010-12-22 (PCT/EP2010/070604)
[87] (WO2011/076907)
[30] EP (09180493.0) 2009-12-22

[11] **2,781,981**
[13] C
[51] **Int.Cl. H04W 88/02 (2009.01) H03G 3/20 (2006.01) H04R 1/06 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **LOW-NOISE MICROPHONE PRE-AMPLIFIER WITH ACTIVE LOAD ELEMENT**
[54] **PREAMPLIFICATEUR MICRO A FAIBLE BRUIT AVEC ELEMENT DE CHARGEMENT ACTIF**
[72] POULSEN, JENS KRISTIAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2781981)
[87] (2781981)
[22] 2012-06-29
[30] EP (EP11172287) 2011-06-30

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[25] EN
[54] **ANALYSIS FILTERBANK, SYNTHESIS FILTERBANK, ENCODER, DECODER, MIXER AND CONFERENCING SYSTEM**
[54] **BANC DE FILTRES D'ANALYSE, BANC DE FILTRES DE SYNTHÈSE, CODEUR, DECODEUR, MELANGEUR ET SYSTEME DE VIDEOCONFERENCE**
[72] GRILL, BERNHARD, DE
[72] SCHNELL, MARKUS, DE
[72] GEIGER, RALF, DE
[72] SCHULLER, GERALD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (2782476)
[87] (2782476)
[22] 2007-08-29
[62] 2,667,059
[30] US (60/862,032) 2006-10-18
[30] US (11/744,641) 2007-05-04

[11] **2,782,843**
[13] C

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[25] EN
[54] **A METHOD AND A DEVICE FOR CLEANING A CARBON DIOXIDE RICH FLUE GAS**
[54] **UNE METHODE ET UN DISPOSITIF POUR NETTOYER UN GAZ DE CHEMINEE RICHE EN DIOXYDE DE CARBONE**
[72] GRUBBSTROEM, JOERGEN PER-OLOF, SE
[72] WANG, WUYIN, SE
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2012-06-04
[86] 2010-10-26 (PCT/IB2010/002727)
[87] (WO2011/067638)
[30] EP (09178055.1) 2009-12-04

[11] **2,783,382**
[13] C

[51] **Int.Cl. H04R 3/04 (2006.01)**
[25] EN
[54] **NOISE REDUCING SOUND REPRODUCTION**
[54] **REPRODUCTION SONORE AVEC ATTENUATION DU BRUIT**
[72] CHRISTOPH, MARKUS, DE
[73] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE
[86] (2783382)
[87] (2783382)
[22] 2012-07-19
[30] EP (11175344.8) 2011-07-26

[11] **2,784,062**
[13] C

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[25] EN
[54] **BALL BAT WITH INTERNAL IMPACT DAMPENING MEANS**
[54] **BATTE DE BASEBALL A MOYEN D'AMORTISSEMENT DE CHOC INTERNE**
[72] BURGER, GEORGE W., US
[73] WILSON SPORTING GOODS CO., US
[85] 2012-06-12
[86] 2010-12-17 (PCT/US2010/003196)
[87] (WO2011/087483)
[30] US (61/284,659) 2009-12-22

[11] **2,784,323**
[13] C

[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **CONTACT LENSES WITH STABILIZATION FEATURES**
[54] **LENTILLES DE CONTACT A ELEMENTS DE STABILISATION**
[72] GERLIGAND, PIERRE, US
[72] MENEZES, EDGAR V., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2012-06-13
[86] 2010-12-17 (PCT/US2010/060987)
[87] (WO2011/084677)
[30] US (12/641,058) 2009-12-17

[11] **2,784,324**
[13] C

[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **STABILIZATION OF CONTACT LENSES**
[54] **STABILISATION DE LENTILLES DE CONTACT**
[72] GERLIGAND, PIERRE, US
[72] MENEZES, EDGAR V., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2012-06-13
[86] 2010-12-17 (PCT/US2010/060990)
[87] (WO2011/084678)
[30] US (12/641,089) 2009-12-17

[11] **2,784,537**
[13] C

[51] **Int.Cl. H03B 5/04 (2006.01) H04W 88/02 (2009.01) H04B 1/18 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE INCLUDING PREDICTED FREQUENCY ERROR ESTIMATION OF A VOLTAGE CONTROLLED OSCILLATOR AND RELATED METHODS**
[54] **APPAREIL ELECTRONIQUE COMPORTANT UNE ESTIMATION D'ERREUR EN FREQUENCE PREVUE D'UN OSCILLATEUR COMMANDE EN TENSION ET METHODES CONNEXES**
[72] BARTNIK, GRANT HENRY ROBERT, CA
[72] HICKEY, RYAN JEFFERY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2784537)
[87] (2784537)
[22] 2012-08-02
[30] EP (11176495.7) 2011-08-03

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[11] **2,784,617**
[13] C

[51] **Int.Cl. G01S 5/06 (2006.01) H04W 64/00 (2009.01) G01S 19/12 (2010.01)**

[25] EN

[54] **SYSTEM FOR DETERMINING POSITION USING TWO WAY TIME TRANSFER SIGNALS**

[54] **SYSTEME DE DETERMINATION DE POSITION A L'AIDE DE SIGNAUX DE TRANSFERT DE TEMPS BIDIRECTIONNEL**

[72] FELLER, WALTER J., CA
[72] FENTON, PATRICK C., CA
[73] NOVATEL INC., CA
[85] 2012-06-15
[86] 2010-11-09 (PCT/CA2010/001749)
[87] (WO2011/072368)
[30] US (12/640,493) 2009-12-17

[11] **2,785,841**
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/31 (2013.01) G06Q 30/00 (2012.01)**

[25] EN

[54] **SYSTEM, SERVER DEVICE, METHOD, PROGRAM, AND RECORDING MEDIUM FOR THAT FACILITATE USER AUTHENTICATION**

[54] **SYSTEME, DISPOSITIF SERVEUR, PROCEDE, PROGRAMME ET SUPPORT D'ENREGISTREMENT QUI PERMETTENT UNE FACILITATION D'AUTHENTIFICATION D'UTILISATEUR**

[72] MURAKI, HIROKAZU, JP
[73] MURAKI, HIROKAZU, JP
[85] 2012-06-27
[86] 2008-12-29 (PCT/JP2008/004043)
[87] (WO2010/076840)

[11] **2,785,857**
[13] C

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/14 (2006.01) A61K 9/48 (2006.01)**

[25] EN

[54] **PRODUCTION METHOD OF SOLID PREPARATIONS AND THE SOLID PREPARATIONS PRODUCED BY THE METHOD**

[54] **PROCEDE DE PRODUCTION D'UNE PREPARATION SOLIDE ET PREPARATION PRODUITE PAR LEDIT PROCEDE**

[72] ZHENG, SIJI, CN
[72] TAN, BO, CN
[73] SHANGHAI ZHONGXI PHARMACEUTICAL COMPANY, CN
[73] SHANGHAI ZHONGXI SUNVE PHARMACEUTICAL CO., LTD., CN
[85] 2012-06-27
[86] 2010-12-28 (PCT/CN2010/080349)
[87] (WO2011/079768)
[30] CN (200910247360.0) 2009-12-29

[11] **2,786,302**
[13] C

[51] **Int.Cl. G01N 33/50 (2006.01) G01N 35/00 (2006.01) A61M 1/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MONITORING AT LEAST ONE BLOOD PARAMETER**

[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'AU MOINS UN PARAMETRE SANGUIN**

[72] MAIER, HANS-OTTO, DE
[72] DOENHOFF, TORSTEN, TZ
[73] B. BRAUN MELSUNGEN AG, DE
[85] 2012-07-03
[86] 2011-03-03 (PCT/EP2011/053248)
[87] (WO2011/107571)
[30] DE (10 2010 010 567.8) 2010-03-05
[30] DE (10 2010 012 733.7) 2010-03-24

[11] **2,786,987**
[13] C

[51] **Int.Cl. H04L 27/26 (2006.01) H04B 7/26 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TRANSMITTING CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEM**

[54] **PROCEDE ET APPAREIL POUR TRANSMETTRE DES INFORMATIONS DE CONTROLE DANS UN SYSTEME DE COMMUNICATION SANS FIL**

[72] HAN, SEUNG HEE, KR
[72] CHUNG, JAE HOON, KR
[72] MOON, SUNG HO, KR
[72] LEE, MOON IL, KR
[73] LG ELECTRONICS INC., KR
[85] 2012-07-12
[86] 2011-01-14 (PCT/KR2011/000286)
[87] (WO2011/087314)
[30] US (61/295,741) 2010-01-17
[30] US (61/298,550) 2010-01-27
[30] US (61/301,160) 2010-02-03
[30] US (61/311,740) 2010-03-08
[30] KR (10-2010-0129072) 2010-12-16

[11] **2,788,124**
[13] C

[51] **Int.Cl. B29C 73/16 (2006.01) B64D 7/00 (2006.01) B64D 45/00 (2006.01) F16H 57/02 (2012.01) F41H 5/00 (2006.01)**

[25] EN

[54] **SELF-HEALING RESERVOIR COATING SYSTEM**

[54] **SYSTEME DE REVETEMENT DE RESERVOIR AUTO-REPARATEUR**

[72] LIARDON, DARRELL, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2788124)
[87] (2788124)
[22] 2012-08-29
[30] US (13/238,790) 2011-09-21

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[11] **2,788,199**
[13] C

[51] **Int.Cl. G01J 5/02 (2006.01) G01B 9/02 (2006.01) G01J 3/02 (2006.01)**
[25] EN
[54] **BLACKBODY CALIBRATION STANDARD FOR SUBMILLIMETER FREQUENCY RANGE**
[54] **NORME D'ETALONNAGE DE CORPS NOIR POUR PLAGE DE FREQUENCES SUBMILLIMETRIQUES**
[72] YAGOUBOV, PAVEL, DE
[73] EUROPEAN ORGANISATION FOR ASTRONOMICAL RESEARCH IN THE SOUTHERN HEMISPHERE, DE
[86] (2788199)
[87] (2788199)
[22] 2012-08-29
[30] EP (11007146.1) 2011-09-02

[11] **2,789,990**
[13] C

[51] **Int.Cl. B65G 65/22 (2006.01) A01D 90/10 (2006.01) B65G 47/18 (2006.01)**
[25] EN
[54] **FEED AUGER ASSEMBLY COMPRISING CONCENTRIC AUGER SECTIONS**
[54] **ENSEMBLE DE VIS SANS FIN D'ALIMENTATION COMPRENANT DES SECTIONS CONCENTRIQUES DE VIS SANS FIN**
[72] HOUSSIAN, TERRY D., CA
[73] MERIDIAN MANUFACTURING INC., CA
[86] (2789990)
[87] (2789990)
[22] 2012-09-06
[30] US (61/531,468) 2011-09-06

[11] **2,790,124**
[13] C

[51] **Int.Cl. F03B 13/24 (2006.01) F04D 13/04 (2006.01)**
[25] EN
[54] **IMPULSE AIR TURBINE ARRANGEMENT FOR USE WITH A REVERSING BI-DIRECTIONAL AIR FLOW IN A WAVE POWER PLANT**
[54] **DISPOSITION D'UNE TURBINE A AIR PULSE SERVANT A UN DEBIT BIDIRECTIONNEL INVERSE DANS UNE INSTALLATION DE PRODUCTION D'ENERGIE A PARTIR DE LA HOULE**
[72] LITTLEWOOD, LUCY, GB
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR
[86] (2790124)
[87] (2790124)
[22] 2012-09-14
[30] GB (1116269.0) 2011-09-21

[11] **2,790,665**
[13] C

[51] **Int.Cl. B60P 3/077 (2006.01)**
[25] EN
[54] **RESTRAINT DEVICE FOR A TIRE**
[54] **DISPOSITIF DE RETENUE DE PNEU**
[72] WINSOR, ROBERT B., CA
[73] HOLDEN AMERICA IL, LLC, US
[86] (2790665)
[87] (2790665)
[22] 2012-09-21
[30] US (13/241,649) 2011-09-23

[11] **2,792,300**
[13] C

[51] **Int.Cl. C10B 55/00 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING A COKING ADDITIVE BY DELAYED COKING**
[54] **PROCESSUS DE PRODUCTION D'ADDITIF DE COKEFACTION PAR COKEFACTION LENTE**
[72] VALYAVIN, GENNADY GEORGIEVICH, RU
[72] VETOSHKIN, NIKOLAI IVANOVICH, RU
[72] ZAPORIN, VICTOR PAVLOVICH, RU
[72] SUKHOV, SERGEI VITAL'EVICH, RU
[72] MAMAEV, MIKHAIL VLADIMIROVICH, RU
[72] BIDILO, IGOR VIKTOROVICH, RU
[72] VALYAVIN, KONSTANTIN GENNAD'EVICH, RU
[72] STUKOV, MIKHAIL IVANOVICH, RU
[72] ZAGAINOV, VLADIMIR SEMENOVICH, RU
[73] OBSHHESTVO S OGRANICHENNOI OTVETSTVENNOST'YU "PROMINTEKH", RU
[85] 2012-09-05
[86] 2010-12-28 (PCT/RU2010/000795)
[87] (WO2011/152752)
[30] RU (2010122135) 2010-06-01

[11] **2,792,762**
[13] C

[51] **Int.Cl. H04B 7/14 (2006.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR SETTING A SEARCH SPACE FOR A RELAY NODE IN A WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR SAME**
[54] **PROCEDE POUR LA CONFIGURATION D'UN ESPACE DE RECHERCHE POUR UN NOD RELAIS DANS UN SYSTEME DE COMMUNICATION SANS FIL ET APPAREIL POUR CELUI-CI**
[72] KIM, HAK SEONG, KR
[72] KIM, BYOUNG HOON, KR
[73] LG ELECTRONICS INC., KR
[85] 2012-09-10
[86] 2011-03-31 (PCT/KR2011/002226)
[87] (WO2011/129537)
[30] US (61/324,278) 2010-04-14

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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01) B23P 11/02 (2006.01)**
[25] EN
[54] **THERMAL RATCHET SYSTEM**
[54] **SYSTEME A CLIQUET THERMIQUE**
[72] STRETCH, MITCHEL, CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2793163)
[87] (2793163)
[22] 2012-10-23
[30] US (13/280,056) 2011-10-24

[11] **2,793,342**
[13] C
[51] **Int.Cl. G01T 1/20 (2006.01) E21B 47/12 (2012.01) G01V 5/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR REGISTRATION OF PHOTONS AND IONIZING PARTICLES WITH SIMULTANEOUS DIRECTIONAL DEFINITION, FOR EACH PHOTON OR IONIZING PARTICLE, OF A POINT OF ORIGIN IN A FLUID-FILLED CONDUIT**
[54] **APPAREIL POUR L'ENREGISTREMENT DE PHOTONS ET L'IONISATION DE PARTICULES AVEC UNE DEFINITION DIRECTIONNELLE SIMULTANEE POUR CHAQUE PHOTON OU CHAQUE PARTICULE IONISANTE, D'UN POINT D'ORIGINE DANS UN CONDUIT REMPLI DE FLUIDE**
[72] TEAGUE, PHIL, NO
[73] VISURAY TECHNOLOGY LTD, MT
[85] 2012-09-14
[86] 2011-03-22 (PCT/NO2011/000097)
[87] (WO2011/119040)
[30] NO (20100440) 2010-03-25

[11] **2,794,612**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 88/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISTRIBUTION OF APPLICATIONS TO A PLURALITY OF COMMUNICATION DEVICES FOR AN EXPANDED OPERATING MODE**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION D'APPLICATIONS A UNE PLURALITE DE DISPOSITIFS DE COMMUNICATION POUR UN MODE DE FONCTIONNEMENT ETENDU**
[72] KLEIN, DAVID E., US
[72] BROOKS, ERIC D., US
[72] YOUNG, STEVEN E., US
[72] MONKS, DEBORAH J., US
[72] BLANCO, ALEJANDRO G., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2012-09-26
[86] 2010-12-17 (PCT/US2010/060961)
[87] (WO2011/123159)
[30] US (12/749,142) 2010-03-29

[11] **2,795,205**
[13] C
[51] **Int.Cl. G06F 9/445 (2006.01)**
[25] EN
[54] **DYNAMIC RETRIEVAL OF INSTALLATION PACKAGES WHEN INSTALLING SOFTWARE**
[54] **RECUPERATION DYNAMIQUE D'ENSEMBLES D'INSTALLATION LORS DE L'INSTALLATION D'UN LOGICIEL**
[72] MATTHEW, JACK, US
[72] CHANG, JOHN R., US
[73] APPLE INC., US
[85] 2012-10-01
[86] 2011-04-14 (PCT/US2011/032561)
[87] (WO2011/136938)
[30] US (12/768,658) 2010-04-27

[11] **2,795,392**
[13] C
[51] **Int.Cl. G06T 5/50 (2006.01) G06T 3/40 (2006.01) H04N 9/31 (2006.01)**
[25] EN
[54] **DOUBLE STACKED PROJECTION**
[54] **PROJECTION A DOUBLE SUPERPOSITION**
[72] IVERSEN, STEEN SVENDSTORP, DK
[73] IMAX EMEA LIMITED, IE
[85] 2012-10-03
[86] 2011-04-18 (PCT/EP2011/056173)
[87] (WO2011/134834)
[30] DK (PA 2010 00321) 2010-04-18
[30] DK (PA 2010 00320) 2010-04-18
[30] US (61/356,980) 2010-06-21

[11] **2,796,604**
[13] C
[51] **Int.Cl. H04B 1/26 (2006.01) H04W 52/02 (2009.01) H04B 1/10 (2006.01)**
[25] EN
[54] **RECEIVER WITH SELECTIVE SIGNAL PATH OPERATION AND ASSOCIATED METHODS**
[54] **RECEPTEUR A FONCTIONNEMENT A CHEMIN DE SIGNAL SELECTIF ET PROCEDES CONNEXES**
[72] KRAVETS, OLEKSIY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2796604)
[87] (2796604)
[22] 2012-11-23
[30] EP (11191690.4) 2011-12-02

[11] **2,798,947**
[13] C
[51] **Int.Cl. C22C 29/00 (2006.01) B22F 7/08 (2006.01) E21B 10/00 (2006.01)**
[25] EN
[54] **EROSION RESISTANT HARD COMPOSITE MATERIALS**
[54] **MATERIAUX COMPOSITES DURS RESISTANTS A L'EROSION**
[72] OLSEN, GARRETT T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2798947)
[87] (2798947)
[22] 2012-12-14
[30] US (13/336,842) 2011-12-23

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[11] **2,799,456**
[13] C

[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF SURFACE TREATED MINERAL FILLER PRODUCTS AND USES OF SAME**
[54] **PROCEDE DE PREPARATION DE PRODUITS A BASE DE CHARGES MINERALES TRAITÉES EN SURFACE ET LEURS UTILISATIONS**
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK A.C., CH
[72] RENTSCH, SAMUEL, CH
[72] BURKHALTER, RENE, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2012-11-13
[86] 2011-05-24 (PCT/EP2011/058409)
[87] (WO2011/147802)
[30] EP (10164408.6) 2010-05-28
[30] US (61/396,938) 2010-06-04

[11] **2,800,250**
[13] C

[51] **Int.Cl. A24D 3/12 (2006.01) A24D 3/16 (2006.01) B01J 20/28 (2006.01) B01J 47/00 (2006.01)**
[25] EN
[54] **COMPOSITE ADDITIVE MATERIALS**
[54] **MATERIAUX ADDITIFS COMPOSITES**
[72] BRANTON, PETER, GB
[72] MOLA, MICHELE, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2012-09-18
[86] 2011-03-31 (PCT/GB2011/050658)
[87] (WO2011/121358)
[30] GB (1005547.3) 2010-04-01

[11] **2,800,988**
[13] C

[51] **Int.Cl. E03D 3/02 (2006.01) E03D 3/06 (2006.01) F16K 17/20 (2006.01)**
[25] EN
[54] **CONTROL STOP AND FLUSHING SYSTEM**
[54] **SYSTEME DE CONTROLE D'ARRET ET DE VIDANGE**
[72] JOHNSON, DWIGHT N., US
[73] SLOAN VALVE COMPANY, US
[86] (2800988)
[87] (2800988)
[22] 2007-05-31
[62] 2,653,965
[30] US (11/445,399) 2006-06-01

[11] **2,802,474**
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[51] **Int.Cl. C23C 16/30 (2006.01) A61L 31/08 (2006.01) A61C 19/00 (2006.01)**
[25] EN
[54] **COATING FOR A MEDICAL INSTRUMENT, IN PARTICULAR A DENTAL OR SURGICAL INSTRUMENT**
[54] **REVETEMENT POUR UN INSTRUMENT MEDICAL, NOTAMMENT UN INSTRUMENT DENTAIRE OU CHIRURGICAL**
[72] WAGNER, BEATE, AT
[73] W & H DENTALWERK BURMOOS GMBH, AT
[86] (2802474)
[87] (2802474)
[22] 2013-01-16
[30] EP (12154820.0) 2012-02-10

[11] **2,803,049**
[13] C

[51] **Int.Cl. G01R 31/00 (2006.01) C01B 13/11 (2006.01)**
[25] EN
[54] **DEVICE HAVING CAPACITIVE LOADS AND ABNORMALITY DETECTING METHOD THEREOF**
[54] **DISPOSITIF A CHARGES CAPACITIVES ET PROCEDE POUR DETECTER DES ANOMALIES DANS LEDIT DISPOSITIF**
[72] KURAHASHI, KAZUTOSHI, JP
[72] KUMAGAI, TAKASHI, JP
[72] TAMIDA, TAICHIRO, JP
[72] NAKATANI, HAJIME, JP
[72] TAKAUCHI, DAISUKE, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[86] 2010-06-17 (PCT/JP2010/060284)
[87] (WO2011/158361)

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[54] **DISPOSABLE DIAPER**
[54] **COUCHE JETABLE**
[72] TAKAHASHI, YUKI, JP
[72] AMANO, EMI, JP
[72] NAKAOKA, KENJI, JP
[73] LIVEDO CORPORATION, JP
[85] 2012-12-19
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[87] (WO2012/004941)
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[11] **2,803,594**
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[25] EN
[54] **ROTATING FOOTBALL GOALPOST AND METHOD OF RETROFITTING AN EXISTING FOOTBALL GOALPOST**
[54] **POTEAU DE BUT DE FOOTBALL PIVOTABLE ET METHODE D'ADAPTATION D'UN POTEAU DE BUT DE FOOTBALL EXISTANT**
[72] QUERY, WILLIAM KRESS, JR., US
[72] TUCKER, LARRY THEODORE, US
[72] WALLACE, TIMOTHY HAROLD, US
[72] CUCCHIARA, CHRISTOPHER CHARLES, US
[72] BRAFFORD, CHRISTOPHER EDWARD, US
[72] SHERRILL, FRANK, US
[73] ABT, INC., US
[85] 2012-12-20
[86] 2011-03-01 (PCT/US2011/026746)
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[11] **2,804,092**
[13] C

[51] **Int.Cl. A47K 13/06 (2006.01) A47K 11/04 (2006.01)**
[25] EN
[54] **PORTABLE AND ADJUSTABLE CHILD POTTY**
[54] **POT POUR ENFANT PORTABLE ET REGLABLE**
[72] ONDAATJE, DONALD ERWIN, CA
[72] BASNAYAKE, CHAMINDA, CA
[72] ONDAATJE-KHAN, SHERZADE LARU, CA
[72] JAYAWICKRAMA, SHERANI MANORANJANI, CA
[73] ONDAATJE, DONALD ERWIN, CA
[85] 2012-03-07
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[25] EN
[54] **AGRICULTURAL MIXER WITH DRIVE SYSTEM AND METHOD OF USING SAME**
[54] **MELANGEUR AGRICOLE AYANT UN SYSTEME D'ENTRAINEMENT ET PROCEDE D'UTILISATION DE CE DERNIER**
[72] NEIER, RODNEY R., US
[72] BUTCHER, ALLIN L., US
[72] SHAFER, JAMES E., US
[72] GROENING, ROSS M., US
[73] ROTO-MIX, LLC, US
[85] 2013-01-08
[86] 2011-07-12 (PCT/US2011/043708)
[87] (WO2012/009355)
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[11] **2,804,953**
[13] C

[51] **Int.Cl. C12N 15/57 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C12N 9/50 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **PLANT ACTIVATION OF INSECT TOXIN**
[54] **ACTIVATION DE PLANTES DE TOXINE D'INSECTE**
[72] ABAD, ANDRE, US
[72] FLANNAGAN, RONALD D., US
[72] HERRMANN, RAFAEL, US
[72] LU, ALBERT, US
[72] MCCUTCHEN, BILLY F., US
[72] PRESNAIL, JAMES K., US
[72] RICE, JANET A., US
[72] WONG, JAMES F., US
[72] YU, CAO-GUO, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **UNIVERSAL ACCESS SEAL**
[54] **JOINT D'ACCES UNIVERSEL**
[72] TAYLOR, SCOTT V., US
[72] BRUSTAD, JOHN R., US
[72] PRAVONG, BOUN, US
[72] HOWE, BLAIR (DECEASED), US
[73] APPLIED MEDICAL RESOURCES CORPORATION, US
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[11] **2,806,444**
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[51] **Int.Cl. C07C 69/78 (2006.01) A61K 31/191 (2006.01) A61K 31/195 (2006.01) A61K 31/225 (2006.01) C07C 69/593 (2006.01) C07C 69/60 (2006.01) C07C 69/602 (2006.01) C07C 235/02 (2006.01)**
[25] EN
[54] **PRODRUGS OF METHYL HYDROGEN FUMARATE**
[54] **PROMEDICAMENTS DE FUMARATE D'HYDROGENE DE METHYLE**
[72] GANGAKHEDKAR, ARCHANA, US
[72] DAI, XUEDONG, US
[72] ZERANGUE, NOA, US
[72] VIRSIK, PETER A., US
[73] XENOPORT, INC., US
[86] (2806444)
[87] (2806444)
[22] 2009-08-19
[62] 2,730,478
[30] US (61/090,163) 2008-08-19

[11] **2,806,705**
[13] C

[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **CARTRIDGE AND PRINTING MATERIAL SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION POUR CARTOUCHE ET MATERIAU D'IMPRESSION**
[72] KODAMA, HIDETOSHI, JP
[72] NOZAWA, IZUMI, JP
[72] MIZUTANI, TADAHIRO, JP
[72] MATSUZAKI, KAZUTOSHI, JP
[72] HARADA, KAZUMASA, JP
[72] NAKATA, SATOSHI, JP
[72] KAWATA, HIDETAKA, JP
[73] SEIKO EPSON CORPORATION, JP
[85] 2013-02-22
[86] 2012-12-26 (PCT/JP2012/008314)
[87] (WO2013/105195)
[30] JP (2012-003694) 2012-01-12
[30] JP (2012-003698) 2012-01-12
[30] JP (2012-003653) 2012-01-12
[30] JP (2012-003652) 2012-01-12
[30] WO (PCT/JP2012/001395) 2012-03-01
[30] US (13/410,461) 2012-03-02
[30] US (13/410,478) 2012-03-02
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[30] JP (2012-189836) 2012-08-30

[11] **2,807,056**
[13] C

[51] **Int.Cl. B29C 63/02 (2006.01)**
[25] EN
[54] **PROTECTIVE ADHESIVE FILM, METHOD OF ADHERING PROTECTIVE ADHESIVE FILM TO A DEVICE, AND DEVICE COMPRISING PROTECTIVE ADHESIVE FILM**
[54] **FILM ADHESIF PROTECTEUR, PROCEDE D'ADHERENCE DE FILM ADHESIF PROTECTEUR SUR DISPOSITIF ET DISPOSITIF COMPORTANT UN FILM ADHESIF PROTECTEUR**
[72] COHEN, LEWIS, US
[72] MALDONADO, JUAN, US
[72] MURAVYOV, IGOR, US
[72] WEBSTER, BRETT, US
[73] OTTER PRODUCTS, LLC, US
[85] 2013-01-29
[86] 2011-03-10 (PCT/US2011/027915)
[87] (WO2011/112817)
[30] US (61/313,363) 2010-03-12
[30] US (61/316,185) 2010-03-22
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[30] US (61/440,708) 2011-02-08
[30] US (13/044,275) 2011-03-09

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[13] C

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[25] EN

[54] **LED LAMP COMPATIBLE WITH FLUORESCENT LAMP FIXTURE**

[54] **LAMPE FLUORESCENTE A DIODES ELECTROLUMINESCENTES**

[72] PARK, MYUNG KOO, KR

[73] KUMHO ELECTRIC, INC., KR

[73] PARK, MYUNG KOO, KR

[86] (2807773)

[87] (2807773)

[22] 2013-02-27

[11] **2,808,214**
[13] C

[51] **Int.Cl. E21B 7/14 (2006.01) E21C 37/16 (2006.01) H01S 3/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND CONVEYANCE STRUCTURES FOR HIGH POWER LONG DISTANCE LASER TRANSMISSION**

[54] **SYSTEMES ET STRUCTURES D'ACHEMINEMENT DESTINES A UNE EMISSION LASER LONGUE DISTANCE A HAUTE PUISSANCE**

[72] DE WITT, RONALD A., US

[72] ZEDIKER, MARK S., US

[72] FAIRCLOTH, BRIAN O., US

[72] GRUBB, DARYL L., US

[72] MCKAY, RYAN P., US

[72] GRAY, WILLIAM C., US

[72] MOXLEY, JOEL F., US

[72] RINZLER, CHARLES C., US

[72] UNDERWOOD, LANCE D., US

[72] DEUTCH, PAUL D., US

[73] FORO ENERGY INC., US

[85] 2013-02-12

[86] 2011-08-16 (PCT/US2011/047902)

[87] (WO2012/024285)

[30] US (61/374,594) 2010-08-17

[30] US (61/378,910) 2010-08-31

[30] US (61/439,970) 2011-02-07

[30] US (61/446,312) 2011-02-24

[11] **2,808,329**
[13] C

[51] **Int.Cl. B64C 27/82 (2006.01) B64C 17/00 (2006.01) B64C 27/04 (2006.01)**

[25] EN

[54] **AIRFOIL SHAPED TAIL BOOM**

[54] **POUTRE DE QUEUE EN FORME DE PROFIL AERODYNAMIQUE**

[72] BRAND, ALBERT G., US

[72] NARRAMORE, JIMMY, US

[72] HARSE, JAMES H., US

[72] LANIGAN, BRENDAN P., US

[73] BELL HELICOPTER TEXTRON INC., US

[85] 2013-02-07

[86] 2010-09-20 (PCT/US2010/049506)

[87] (WO2012/039702)

[11] **2,808,570**
[13] C

[51] **Int.Cl. H01L 21/64 (2006.01) G11C 7/00 (2006.01) G11C 11/16 (2006.01) H01L 29/82 (2006.01)**

[25] EN

[54] **MAGNETIC TUNNEL JUNCTION DEVICE WITH SEPARATE READ AND WRITE PATHS**

[54] **DISPOSITIF DE JONCTION TUNNEL MAGNETIQUE A CHEMINS DE LECTURE ET D'ECRITURE SEPRES**

[72] ZHU, XIAOCHUN, US

[72] GU, SHIQUN, US

[72] LI, XIA, US

[72] KANG, SEUNG H., US

[73] QUALCOMM INCORPORATED, US

[86] (2808570)

[87] (2808570)

[22] 2008-12-19

[62] 2,710,334

[30] US (11/959,797) 2007-12-19

[11] **2,809,148**
[13] C

[51] **Int.Cl. C08L 23/02 (2006.01) C08K 5/132 (2006.01) C08K 5/20 (2006.01) C08K 5/3467 (2006.01)**

[25] EN

[54] **SYNERGISTIC MIXTURES OF UV-ABSORBERS IN POLYOLEFINS**

[54] **MELANGES SYNERGIQUES DE PRODUITS ABSORBANT LES UV DANS LES POLYOLEFINES**

[72] GUGUMUS, FRANCOIS, CH

[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH

[86] (2809148)

[87] (2809148)

[22] 2001-04-02

[62] 2,342,679

[30] EP (00810290.7) 2000-04-04

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[13] C

[51] **Int.Cl. G01V 9/02 (2006.01) E21B 47/00 (2012.01) E21B 47/04 (2012.01)**

[25] EN

[54] **DETECTING AND CORRECTING UNINTENDED FLUID FLOW BETWEEN SUBTERRANEAN ZONES**

[54] **DETECTION ET CORRECTION D'UN ECOULEMENT DE FLUIDE IMPREVU ENTRE DES ZONES SOUTERRAINES**

[72] SWEATMAN, RONALD E., US

[72] MCCOLPIN, GLENN R., US

[72] DAVIS, ERIC J., US

[72] MARSIC, SCOTT D., US

[73] LANDMARK GRAPHICS CORPORATION, US

[85] 2013-02-28

[86] 2011-05-16 (PCT/US2011/036652)

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[13] C

[51] **Int.Cl. C08J 7/00 (2006.01) C08J 3/20 (2006.01) C23C 14/34 (2006.01)**

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[54] **PROCESS FOR CHEMICAL PASSIVATION OF POLYMER SURFACES**

[54] **PROCEDE DE PASSIVATION CHIMIQUE DE SURFACES EN POLYMERE**

[72] GERROIR, PAUL J., CA
[72] VANBESIEEN, DARYL W., CA
[72] LI, PENG, CA
[73] XEROX CORPORATION, US
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA

[86] (2810203)
[87] (2810203)
[22] 2013-03-22
[30] US (13/433,980) 2012-03-29

[11] **2,811,141**
[13] C

[51] **Int.Cl. B65G 65/28 (2006.01)**

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[54] **COMPACT SPREADER**

[54] **EPANDEUR COMPACT**

[72] HUBRICH, FRANK, DE
[72] HOFFMANN, DIETER, DE
[73] TAKRAF GMBH, DE

[85] 2013-03-12
[86] 2011-05-26 (PCT/DE2011/001121)
[87] (WO2012/025074)
[30] DE (10 2010 035 214.4) 2010-08-24

[11] **2,811,359**
[13] C

[51] **Int.Cl. C10J 3/84 (2006.01) C10J 3/52 (2006.01) C10K 1/10 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR TREATING A HOT GAS FLOW CONTAINING SLAG**

[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'UN COURANT DE GAZ CHAUD CONTENANT UN LAITIER**

[72] SCHULZE, OLAF, DE
[72] RUEGER, DIETMAR, DE
[72] ALTHAPP, ANTON, DE
[72] GAETKE, MICHAEL, DE
[72] MOELLER, BURKHARD, DE
[72] GRUNWALD, REINHOLD, DE
[73] CCG ENERGY TECHNOLOGY COMPANY LTD., CN

[85] 2013-03-14
[86] 2011-09-15 (PCT/EP2011/004629)
[87] (WO2012/034700)
[30] DE (10 2010 045 482.6) 2010-09-16
[30] DE (10 2010 045 481.8) 2010-09-16

[11] **2,812,205**
[13] C

[51] **Int.Cl. G02C 7/04 (2006.01)**

[25] EN

[54] **TRANSLATING PRESBYOPIC CONTACT LENS**

[54] **LENTILLE DE CONTACT POUR PRESBYTIE A TRANSLATION**

[72] ROFFMAN, JEFFREY H., US
[72] JUBIN, PHILIPPE F., US
[72] MENEZES, EDGAR V., US
[72] GERLIGAND, PIERRE Y., US
[72] CLUTTERBUCK, TIMOTHY A., US
[72] CHEHAB, KHALED A., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US

[85] 2013-03-18
[86] 2011-09-23 (PCT/US2011/052954)
[87] (WO2012/047549)
[30] US (61/386,937) 2010-09-27

[11] **2,812,887**
[13] C

[51] **Int.Cl. A01N 43/653 (2006.01) A01N 37/50 (2006.01) A01N 47/24 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **FUNGICIDAL MIXTURES BASED ON PROTHIOCONAZOLE AND PYRACLOSTROBIN**

[54] **MELANGES FONGICIDES A BASE DE PROTHIOCONAZOL ET D'UN DERIVE DE STROBILURINE**

[72] AMMERMANN, EBERHARD, DE
[72] STIERL, REINHARD, DE
[72] LORENZ, GISELA, DE
[72] STRATHMANN, SIEGFRIED, DE
[72] SCHELBERGER, KLAUS, DE
[72] SPADAFORA, V. JAMES, US
[72] CHRISTEN, THOMAS, DE
[73] BASF AKTIENGESELLSCHAFT, DE

[86] (2812887)
[87] (2812887)
[22] 2003-02-26
[62] 2,743,460
[30] DE (102 08 838.1) 2002-03-01

[11] **2,813,310**
[13] C

[51] **Int.Cl. H03K 19/003 (2006.01) H03K 19/0948 (2006.01)**

[25] EN

[54] **SINGLE EVENT TRANSIENT AND UPSET MITIGATION FOR SILICON-ON-INSULATOR CMOS TECHNOLOGY**

[54] **TRANSITOIRE UNIQUE ET ATTENUATION DES EVENEMENTS POUR LA TECHNOLOGIE CMOS A SILICIUM SUR ISOLANT**

[72] CANNON, ETHAN, US
[72] RABAA, SALIM, US
[72] MACKLER, JOSH, US
[73] THE BOEING COMPANY, US

[86] (2813310)
[87] (2813310)
[22] 2013-04-18
[30] US (13/550,462) 2012-07-16

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[13] C

[51] **Int.Cl. E02B 17/00 (2006.01) E02B 1/00 (2006.01) E02B 17/02 (2006.01) E21B 19/00 (2006.01)**

[25] EN

[54] **ICE WORTHY JACK-UP DRILLING UNIT WITH PRE-LOADING TENSION SYSTEM**

[54] **UNITE DE FORAGE AUTO-ELEVATRICE SPECIALEMENT ADAPTEE A LA GLACE EQUIPEE D'UN SYSTEME DE TENSION DE PRE-CHARGEMENT**

[72] NOBLE, PETER G., US

[72] SHAFER, RANDALL S., US

[72] BERTA, DOMINIQUE P., US

[73] CONOCOPHILLIPS COMPANY, US

[85] 2013-04-02

[86] 2011-10-21 (PCT/US2011/057331)

[87] (WO2012/054858)

[30] US (61/405,497) 2010-10-21

[30] US (13/277,791) 2011-10-20

[11] **2,813,526**
[13] C

[51] **Int.Cl. H02P 23/14 (2006.01) B60L 15/00 (2006.01) H02P 25/16 (2006.01) H02P 27/06 (2006.01)**

[25] EN

[54] **VARIABLE-FLUX MOTOR DRIVE SYSTEM**

[54] **SYSTEME D'ENTRAINEMENT DE MOTEUR ELECTRIQUE A FLUX VARIABLE**

[72] YUUKI, KAZUAKI, JP

[72] SAKAI, KAZUTO, JP

[72] MOCHIKAWA, HIROSHI, JP

[73] KABUSHIKI KAISHA TOSHIBA, JP

[86] (2813526)

[87] (2813526)

[22] 2007-07-24

[62] 2,659,088

[30] JP (2006-200568) 2006-07-24

[30] JP (2006-218228) 2006-08-10

[30] JP (2006-304681) 2006-11-10

[30] JP (2007-177260) 2007-07-05

[11] **2,813,603**
[13] C

[51] **Int.Cl. G05D 1/02 (2006.01) B60W 50/12 (2012.01) B64C 19/00 (2006.01) B64C 25/00 (2006.01)**

[25] EN

[54] **VARIABLE GAIN CONTROL NOSE WHEEL STEERING SYSTEM**

[54] **SYSTEME DE DIRECTION DE ROULETTE DE NEZ PAR COMMANDE A GAIN VARIABLE**

[72] OYAMA, HIROKI, US

[73] HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC, US

[85] 2013-04-03

[86] 2011-10-06 (PCT/US2011/055146)

[87] (WO2012/048139)

[30] US (12/900,825) 2010-10-08

[11] **2,815,241**
[13] C

[51] **Int.Cl. E21C 35/00 (2006.01)**

[25] EN

[54] **MINING MACHINE INFORMATION COLLECTION SYSTEM**

[54] **SYSTEME DE COLLECTE D'INFORMATIONS POUR EQUIPEMENT MINIER**

[72] ITOI, TAKASHI, JP

[72] TANINAGA, TADASHI, JP

[72] FUKASU, HISATAKA, JP

[72] UEDA, TAKAHIRO, JP

[73] KOMATSU LTD., JP

[85] 2013-03-19

[86] 2012-09-13 (PCT/JP2012/073540)

[87] (WO2013/065411)

[30] JP (2011-242844) 2011-11-04

[11] **2,815,776**
[13] C

[51] **Int.Cl. H04W 28/12 (2009.01) H04W 72/12 (2009.01)**

[25] EN

[54] **DYNAMIC ASSIGNMENT OF ACK RESOURCE IN A WIRELESS COMMUNICATION SYSTEM**

[54] **ATTRIBUTION DYNAMIQUE D'UNE RESSOURCE D'ACCUSE DE RECEPTION DANS UN SYSTEME DE COMMUNICATION SANS FIL**

[72] DAMNJANOVIC, ALEKSANDAR, US

[72] DAMNJANOVIC, JELENA M., US

[72] MONTOJO, JUAN, US

[73] QUALCOMM INCORPORATED, US

[86] (2815776)

[87] (2815776)

[22] 2009-03-27

[62] 2,718,096

[30] US (61/040,609) 2008-03-28

[30] US (12/403,327) 2009-03-12

[11] **2,816,247**
[13] C

[51] **Int.Cl. G06K 7/00 (2006.01) G06K 7/015 (2006.01) G06K 9/00 (2006.01)**

[25] EN

[54] **IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, PROGRAM, AND RECORDING MEDIUM**

[54] **DISPOSITIF DE TRAITEMENT D'IMAGE, PROCEDE DE TRAITEMENT D'IMAGE, PROGRAMME ET SUPPORT D'ENREGISTREMENT**

[72] IWABUCHI, SHIGAKU, JP

[73] RAKUTEN, INC., JP

[85] 2013-05-03

[86] 2011-05-31 (PCT/JP2011/062486)

[87] (WO2012/164686)

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[11] **2,816,465**
[13] C

[51] **Int.Cl. E21B 10/60 (2006.01) E21B 17/04 (2006.01) E21B 21/06 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR IMPROVING DRILLING SPEED BY USING DRILL STRING VIBRATION**

[54] **PROCEDE ET SYSTEME POUR AMELIORER UNE VITESSE DE FORAGE PAR UTILISATION D'UNE VIBRATION DE TRAIN DE TIGES DE FORAGE**

[72] GUAN, ZHICHUAN, CN

[72] LIU, YONGWANG, CN

[72] WEI, WENZHONG, CN

[72] GUAN, BEN, CN

[72] SHI, YUCAI, CN

[72] ZHANG, HONGNING, CN

[73] CHINA UNIVERSITY OF PETROLEUM (EAST CHINA), CN

[85] 2013-04-30

[86] 2012-03-16 (PCT/CN2012/072450)

[87] (WO2012/142891)

[30] CN (201110101056.2) 2011-04-21

[30] CN (201110171384.X) 2011-06-23

[11] **2,816,509**
[13] C

[51] **Int.Cl. B64C 27/473 (2006.01) B29C 70/30 (2006.01) B64C 11/26 (2006.01) F01D 5/14 (2006.01) F03D 1/06 (2006.01) F16F 15/32 (2006.01)**

[25] EN

[54] **COMPOSITE ROTOR BLADE HAVING WEIGHTED MATERIAL FOR MASS BALANCING**

[54] **PALE DE ROTOR COMPOSITE A MATERIAU PONDERE POUR EQUILIBRAGE DE MESSE**

[72] SHERRILL, PAUL B., US

[72] STAMPS, FRANK B., US

[72] MEASOM, RONALD J., US

[73] BELL HELICOPTER TEXTRON INC., US

[85] 2013-04-30

[86] 2010-11-12 (PCT/US2010/056491)

[87] (WO2012/064335)

[11] **2,816,751**
[13] C

[51] **Int.Cl. H01R 13/629 (2006.01) H01R 13/10 (2006.01) H01R 13/73 (2006.01)**

[25] EN

[54] **PIVOTING FACE RECEPTACLE**

[54] **RECEPTACLE A FACE PIVOTANTE**

[72] DINH, CONG T., US

[72] NORWOOD, BOBBY N., US

[72] DRANE, MARK R., US

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

[86] (2816751)

[87] (2816751)

[22] 2013-05-22

[30] US (61/661,854) 2012-06-20

[30] US (13/791,030) 2013-03-08

[11] **2,817,107**
[13] C

[51] **Int.Cl. G02B 6/122 (2006.01) G02F 1/01 (2006.01) G02F 1/1334 (2006.01)**

[25] EN

[54] **TEMPERATURE SENSITIVE COMPOSITE FOR PHOTONIC CRYSTALS**

[54] **COMPOSITE THERMOSENSIBLE POUR CRISTAUX PHOTONIQUES**

[72] VANIER, NOEL R., US

[72] DECKER, ELDON L., US

[72] HELLRING, STUART D., US

[72] XU, XIANGLING, US

[72] PURDY, SEAN, US

[72] MCCOLLUM, GREGORY J., US

[73] PRC-DESOTO INTERNATIONAL, INC., US

[85] 2013-05-06

[86] 2011-11-10 (PCT/US2011/060230)

[87] (WO2012/064982)

[30] US (12/944,190) 2010-11-11

[11] **2,817,405**
[13] C

[51] **Int.Cl. A61L 24/08 (2006.01) A61L 31/04 (2006.01) A61L 31/14 (2006.01)**

[25] EN

[54] **MEDICAL ABSORBABLE HEMOSTATIC MATERIAL FOR BONE WOUNDS AND PREPARATION METHOD THEREFOR**

[54] **MATERIAU MEDICAL HEMOSTATIQUE ABSORBABLE POUR LES LESIONS OSSEUSES ET PROCEDE DE PREPARATION ASSOCIE**

[72] YANG, PENG, CN

[72] XING, FEI, CN

[72] SONG, XIANGRUI, CN

[72] SHEN, NAN, CN

[73] ZHUHAI ORTUS BIOTECHNOLOGY CO., LTD., CN

[85] 2013-05-09

[86] 2012-03-12 (PCT/CN2012/072170)

[87] (WO2012/130031)

[30] CN (201110081233.5) 2011-04-01

[11] **2,817,445**
[13] C

[51] **Int.Cl. B67D 1/08 (2006.01) B67D 7/74 (2010.01) A47J 31/41 (2006.01) A47J 31/44 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DISPENSING A BEVERAGE FROM A LIQUID CONCENTRATE**

[54] **PROCEDE ET APPAREIL DE DISTRIBUTION D'UNE BOISSON A PARTIR D'UN CONCENTRE LIQUIDE**

[72] SMELLER, DONALD W., US

[72] JENNINGS, JARRELL L., III, US

[72] ROBINSON, ROBERT L., US

[72] GOOD, MERRILL R., US

[72] HERNANDEZ, GEORGE E., US

[73] LANCER CORPORATION, US

[85] 2013-05-09

[86] 2011-11-08 (PCT/US2011/001866)

[87] (WO2012/064355)

[30] US (61/456,696) 2010-11-10

[30] US (13/317,488) 2011-10-19

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[11] **2,817,724**
[13] C

- [51] **Int.Cl. E21B 43/11 (2006.01) B23K 26/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WELLBORE PERFORATION**
[54] **PROCEDE ET DISPOSITIF POUR LA PERFORATION DE Puits DE FORAGE**
[72] KLEEFISCH, MARK, US
[72] HAWTHORN, COLIN, US
[72] REYNOLDS, HENRY DAVID, US
[72] SKINNER, NEAL GREGORY, US
[72] SURJAATMADJA, JIM BASUKI, US
[72] SCHULTZ, ROGER LYNN, US
[72] HUNTER, TIMOTHY HOLIMAN, US
[73] GAS TECHNOLOGY INSTITUTE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-05-10
[86] 2011-11-08 (PCT/US2011/001867)
[87] (WO2012/064356)
[30] US (12/944,010) 2010-11-11

[11] **2,817,946**
[13] C

- [51] **Int.Cl. A61F 5/05 (2006.01) A61F 5/01 (2006.01) A61F 5/058 (2006.01)**
[25] EN
[54] **MOLDABLE INJURY THERAPY DEVICE AND METHOD**
[54] **DISPOSITIF THERAPEUTIQUE MOULABLE POUR LESION ET METHODE ASSOCIEE**
[72] JORISSEN, KOEN JOZEF MARIA, DE
[73] BSN MEDICAL, INC., US
[85] 2013-05-14
[86] 2010-12-21 (PCT/US2010/061521)
[87] (WO2012/071053)
[30] US (61/416,066) 2010-11-22
[30] US (12/972,681) 2010-12-20

[11] **2,817,985**
[13] C

- [51] **Int.Cl. F16L 13/02 (2006.01)**
[25] EN
[54] **PIPE ARRANGEMENT AND PROCESS**
[54] **ENSEMBLE DE TUYAUX ET PROCEDE**
[72] ROSEN, HERMANN, CH
[73] ROSEN SWISS AG, CH
[85] 2013-05-15
[86] 2011-09-28 (PCT/EP2011/004837)
[87] (WO2012/069105)
[30] DE (10 2010 052 212.0) 2010-11-24

[11] **2,818,053**
[13] C

- [51] **Int.Cl. B64C 25/58 (2006.01) B60G 3/18 (2006.01) B64C 25/12 (2006.01)**
[25] EN
[54] **SEMI-LEVERED ARTICULATED LANDING GEAR SYSTEM**
[54] **SYSTEME DE TRAIN D'ATTERISSAGE ARTICULE PARTIELLEMENT MANOEUVRE**
[72] WILSON, PHILLIP K., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2818053)
[87] (2818053)
[22] 2013-06-04
[30] US (13/531,650) 2012-06-25

[11] **2,818,258**
[13] C

- [51] **Int.Cl. B60S 1/38 (2006.01)**
[25] EN
[54] **BEAM BLADE WIPER ASSEMBLY HAVING SELF-LOCKING END CAP**
[54] **ENSEMBLE ESSUIE-GLACE A BALAI PROFILE QUI COMPREND UN BOUCHON D'EXTREMITÉ AUTOBLOQUANT**
[72] THIELEN, C. JOSEPH, US
[72] MOLL, KYLE, US
[73] TRICO PRODUCTS CORPORATION, US
[85] 2013-05-15
[86] 2011-11-22 (PCT/US2011/061827)
[87] (WO2012/071401)
[30] US (61/416,953) 2010-11-24

[11] **2,818,449**
[13] C

- [51] **Int.Cl. A01D 75/00 (2006.01) A01D 84/00 (2006.01)**
[25] EN
[54] **SWATH ROLLER WITH CONTROLLED ANCHORING FORCE**
[54] **ROULEAU DE FAUCHEE AVEC FORCE D'ANCRAGE COMMANDEE**
[72] MILLER, GERRY LEE, CA
[73] BOURGAULT INDUSTRIES LTD., CA
[86] (2818449)
[87] (2818449)
[22] 2013-06-18

[11] **2,819,220**
[13] C

- [51] **Int.Cl. B64F 5/00 (2006.01)**
[25] EN
[54] **ASSEMBLY JIG FOR USE IN ASSEMBLY OF LARGE STRUCTURE**
[54] **MONTAGE D'ASSEMBLAGE UTILISE POUR ASSEMBLER UNE STRUCTURE DE GRANDE TAILLE**
[72] OZU, ICHIRO, JP
[72] IRIE, KENTARO, JP
[72] KAMIYA, KAZUNORI, JP
[72] KINUGASA, DAISUKE, JP
[72] NAGATA, JUNJI, JP
[72] TAKEYAMA, SACHIO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2013-05-28
[86] 2012-01-13 (PCT/JP2012/050612)
[87] (WO2012/108227)
[30] JP (2011-027765) 2011-02-10

[11] **2,820,082**
[13] C

- [51] **Int.Cl. F23R 3/16 (2006.01) F02C 3/14 (2006.01)**
[25] EN
[54] **GAS TURBINE COMBUSTION SYSTEM**
[54] **SYSTEME DE COMBUSTION DE TURBINE A GAZ**
[72] GENIN, FRANKLIN MARIE, CH
[72] ALURI, NARESH, CH
[72] CERNY, JAN, CH
[72] EROGLU, ADNAN, CH
[72] PASQUALOTTO, ENNIO, CH
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2820082)
[87] (2820082)
[22] 2013-07-08
[30] EP (12175593.8) 2012-07-09

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[11] **2,820,324**
[13] C

[51] **Int.Cl. C10G 1/04 (2006.01) C02F 1/52 (2006.01) C02F 11/14 (2006.01) C10G 1/00 (2006.01)**

[25] EN

[54] **ENHANCED TECHNIQUES FOR DEWATERING THICK FINE TAILINGS**

[54] **TECHNIQUES AMELIOREES DE DESHYDRATATION DE RESIDUS FINS ET EPAIS**

[72] REVINGTON, ADRIAN PETER, CA
[72] SANCHEZ, ANA CRISTINA, CA
[72] BUGG, TREVOR, CA
[72] OMOTOSO, OLADIPO, CA
[73] SUNCOR ENERGY INC., CA
[86] (2820324)
[87] (2820324)
[22] 2013-06-21
[30] US (61/662,726) 2012-06-21

[11] **2,820,443**
[13] C

[51] **Int.Cl. F28D 9/00 (2006.01)**

[25] EN

[54] **A HEAT EXCHANGER ASSEMBLY AND USE OF AN APPARATUS IN A HEAT EXCHANGER**

[54] **ENSEMBLE ECHANGEUR THERMIQUE ET UTILISATION D'UN APPAREIL DANS UN ECHANGEUR THERMIQUE**

[72] ASK, TORSTEN, SE
[72] BROAD, ROBERT, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2013-06-06
[86] 2012-01-11 (PCT/EP2012/050364)
[87] (WO2012/104118)
[30] EP (11153418.6) 2011-02-04

[11] **2,820,550**
[13] C

[51] **Int.Cl. C07D 473/00 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **PURINYLPYRIDINYLAMINO-2,4-DIFLUOROPHENYL SULFONAMIDE DERIVATIVE WITH INHIBITORY ACTIVITY AGAINST RAF KINASE**

[54] **DERIVE DE PURINYLPYRIDINYLAMINO-2,4-DIFLUOROPHENYL SULFONAMIDE, SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI, SON PROCEDE DE PREPARATION, ET COMPOSITION PHARMACEUTIQUE AY ANT UNEACTIVITE INHIBITRICE CONTRE LA RAF KINASE, LE CONTENANT COMME PRINCIPE ACTIF**

[72] SHIM, EUN KYONG, KR
[72] KIM, NAM DOO, KR
[72] SHIM, TAE BO, KR
[72] KIM, SEUNG YONG, KR
[73] MEDPACTO INC., KR
[85] 2013-05-30
[86] 2011-11-25 (PCT/KR2011/009091)
[87] (WO2012/074249)
[30] KR (10-2010-0122047) 2010-12-02
[30] KR (10-2011-0124360) 2011-11-25

[11] **2,821,120**
[13] C

[51] **Int.Cl. F16N 7/36 (2006.01) B64C 27/12 (2006.01) B64D 35/00 (2006.01) F16H 57/04 (2010.01) F16N 1/00 (2006.01)**

[25] EN

[54] **DIRECT DRIVE ROTATION DEVICE FOR PASSIVELY MOVING FLUID**

[54] **DISPOSITIF DE ROTATION A ENTRAINEMENT DIRECT POUR FLUIDE A DEPLACEMENT PASSIF**

[72] SINUSAS, ERIC A., US
[72] RILEY, WALTER WEST, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2821120)
[87] (2821120)
[22] 2013-07-11
[30] US (13/557,280) 2012-07-25

[11] **2,821,697**
[13] C

[51] **Int.Cl. H04B 7/005 (2006.01) H04B 3/10 (2006.01)**

[25] EN

[54] **TRANSMISSION CHANNEL ESTIMATING DEVICE, TRANSMISSION CHANNEL ESTIMATING METHOD AND RECEIVING APPARATUS**

[54] **DISPOSITIF ET PROCEDE D'ESTIMATION DE LIGNE DE TRANSMISSION ET RECEPTEUR**

[72] KONO RYUICHIRO, JP
[72] IDO JUN, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-06-13
[86] 2011-11-30 (PCT/JP2011/077636)
[87] (WO2012/127740)
[30] JP (2011-063901) 2011-03-23

[11] **2,821,929**
[13] C

[51] **Int.Cl. B23K 9/133 (2006.01) B23K 9/32 (2006.01) B65H 51/10 (2006.01) B65H 51/30 (2006.01)**

[25] EN

[54] **PUSHBUTTON WIRE GUIDE HOLDER FOR A WELDING WIRE FEEDER**

[54] **SUPPORT DE GUIDAGE DE FIL A BOUTON POUSSOIR POUR DISPOSITIF D'ALIMENTATION EN FIL A SOUDER**

[72] MATIASH, NICHOLAS ALEXANDER, US
[72] CHRISTOPHER, MARK R., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-06-14
[86] 2011-12-13 (PCT/US2011/064691)
[87] (WO2012/082766)
[30] US (61/423,831) 2010-12-16
[30] US (13/314,997) 2011-12-08

[11] **2,822,221**
[13] C

[51] **Int.Cl. G01G 19/387 (2006.01) G01G 11/18 (2006.01)**

[25] EN

[54] **COMBINATION WEIGHER**

[54] **BALANCE DE COMBINAISON**

[72] KOSAKA, TAICHI, JP
[73] YAMATO SCALE CO., LTD., JP
[85] 2013-06-18
[86] 2011-06-02 (PCT/JP2011/003116)
[87] (WO2012/104931)
[30] JP (2011-019844) 2011-02-01

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[11] **2,822,529**
[13] C

[51] **Int.Cl. A41D 13/05 (2006.01)**
[25] EN
[54] **PROTECTIVE GARMENT WITH RIB CUSHIONING PADS**
[54] **VETEMENT DE PROTECTION AVEC COUSSINS DE REMBOURRAGE POUR LES COTES**
[72] CASTONGUAY, ALAIN, CA
[72] SKOTTHEIM, LEIF, SE
[72] PAIEMENT, PIERRE, CA
[73] SPORT MASKA INC., CA
[86] (2822529)
[87] (2822529)
[22] 2007-07-30
[62] 2,595,697
[30] US (11/812,486) 2007-06-19

[11] **2,823,182**
[13] C

[51] **Int.Cl. A61K 47/18 (2006.01) A61K 9/127 (2006.01) A61K 31/175 (2006.01) A61K 47/08 (2006.01) A61K 47/48 (2006.01)**
[25] EN
[54] **CARRIER FOR NEGATIVELY CHARGED DRUGS COMPRISING A CATIONIC LIPID AND A PREPARATION METHOD THEREOF**
[54] **VEHICULE POUR MEDICAMENTS NEGATIVEMENT CHARGES COMPORTANT UN LIPIDE CATIONIQUE ET SON PROCEDE DE PREPARATION**
[72] CHOI, SUNG-WON, KR
[72] LA, MUHN-HO, KR
[72] SON, JI-YEON, KR
[72] SEO, MIN-HYO, KR
[73] SAMYANG BIOPHARMACEUTICALS CORPORATION, KR
[85] 2013-06-26
[86] 2011-12-30 (PCT/KR2011/010398)
[87] (WO2012/091523)
[30] KR (10-2010-0138427) 2010-12-30

[11] **2,823,185**
[13] C

[51] **Int.Cl. B64C 13/24 (2006.01) B64C 11/20 (2006.01) B64C 13/30 (2006.01) B64C 13/50 (2006.01) B64C 27/473 (2006.01) B64C 27/615 (2006.01) F16H 21/44 (2006.01)**
[25] EN
[54] **ACTUATION SYSTEM FOR AN ACTIVE ELEMENT IN A ROTOR BLADE**
[54] **SYSTEME D'ACTIONNEMENT POUR UN ELEMENT ACTIF DANS UNE LAME DE ROTOR**
[72] SCHANK, TROY C., US
[72] KINTZINGER, PETER H., US
[72] KNOLL, JONATHAN A., US
[72] FOSKEY, CHRISTOPHER E., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2823185)
[87] (2823185)
[22] 2013-08-07
[30] US (13/596,141) 2012-08-28

[11] **2,823,197**
[13] C

[51] **Int.Cl. B64C 13/24 (2006.01) B64C 11/20 (2006.01) B64C 13/30 (2006.01) B64C 13/50 (2006.01) B64C 27/473 (2006.01) B64C 27/615 (2006.01) F16H 21/44 (2006.01)**
[25] EN
[54] **ACTUATION SYSTEM FOR AN ACTIVE ELEMENT IN A ROTOR BLADE**
[54] **SYSTEME D'ACTIONNEMENT POUR UN ELEMENT ACTIF DANS UNE LAME DE ROTOR**
[72] SCHANK, TROY C., US
[72] KINTZINGER, PETER H., US
[72] KNOLL, JONATHAN A., US
[72] FOSKEY, CHRISTOPHER E., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2823197)
[87] (2823197)
[22] 2013-08-07
[30] US (13/596,110) 2012-08-28

[11] **2,824,376**
[13] C

[51] **Int.Cl. G06Q 50/22 (2012.01) G06K 17/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND ARTICLE TO PROMPT BEHAVIOR CHANGE**
[54] **SYSTEME, PROCEDE ET ARTICLE POUR ENCOURAGER UN CHANGEMENT DE COMPORTEMENT**
[72] O' REILLY, DAVID, US
[72] IONESCU, ARNA DIANA, US
[72] DUFFY, SEAN PATRICK, US
[72] SILVER, JESSE AMOS, US
[72] FETHERSTONHAUGH, DAVID RAE, US
[72] RICHTER, SCHIRIN LUCIE, US
[73] PROTEUS DIGITAL HEALTH, INC., US
[85] 2013-07-10
[86] 2012-01-06 (PCT/US2012/020542)
[87] (WO2012/096852)
[30] US (61/431,416) 2011-01-10

[11] **2,825,217**
[13] C

[51] **Int.Cl. A61L 29/16 (2006.01) A61L 29/08 (2006.01) A61M 25/00 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **ANTI-MICROBIAL CATHETER HAVING A PLURALITY OF EXIT HOLES AND AN ANTI-MICROBIAL SUBSTANCE**
[54] **CATHETER ANTIMICROBIEN COMPORTANT UNE PLURALITE DE TROUS DE SORTIE ET UNE SUBSTANCE ANTIMICROBIENNE**
[72] PORTO, JAMES DAL, US
[72] DENIEGA, JOSE CASTILLO, US
[72] MASSENGALE, ROGER, US
[72] FORREST, KEVIN, US
[72] SIMINUK, MARK, US
[72] RAKE, KENNETH W. (DECEASED), US
[73] AVENT, INC., US
[86] (2825217)
[87] (2825217)
[22] 2006-08-28
[62] 2,618,644
[30] US (11/216,534) 2005-08-31

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[11] **2,826,099**
[13] C

[51] **Int.Cl. F23R 3/60 (2006.01) F02C 7/24 (2006.01)**
[25] EN
[54] **ACOUSTIC DAMPER ARRANGEMENT FOR A COMBUSTOR**
[54] **DISPOSITIF DE VOLET ACOUSTIQUE POUR UNE CHAMBRE A COMBUSTION**
[72] BOTHIEN, MIRKO RUBEN, CH
[72] JORGENSEN, STEPHEN W., US
[72] PENNELL, DOUGLAS ANTHONY, CH
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2826099)
[87] (2826099)
[22] 2013-09-04
[30] US (61/698,958) 2012-09-10
[30] US (13/689,926) 2012-11-30

[11] **2,826,997**
[13] C

[51] **Int.Cl. B64C 27/473 (2006.01) B29C 70/68 (2006.01) B64C 3/20 (2006.01) B64C 11/26 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **METHOD OF OPTIMIZING AND CUSTOMIZING ROTOR BLADE STRUCTURAL PROPERTIES BY TAILORING LARGE CELL COMPOSITE CORE AND A ROTOR BLADE INCORPORATING THE SAME**
[54] **METHODE D'OPTIMISATION ET D'ADAPTATION DES PROPRIETES STRUCTURALES DE PALE DE ROTOR EN ADAPTANT UNE AME COMPOSITE DE GRANDE CELLULE, ET UNE PALE DE ROTOR L'INTEGRANT**
[72] OLDROYD, PAUL K., US
[72] LEE, WEI-YUEH, US
[72] HETHCOCK, JAMES D., JR., US
[72] MCCULLOUGH, JOHN R., US
[72] TISDALE, PATRICK R., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2826997)
[87] (2826997)
[22] 2013-09-13
[30] US (61/701,222) 2012-09-14
[30] US (14/022,524) 2013-09-10

[11] **2,827,162**
[13] C

[51] **Int.Cl. B65G 35/08 (2006.01) F27B 21/06 (2006.01)**
[25] EN
[54] **PALLET CAR CHANGING DEVICE**
[54] **DISPOSITIF DE CHANGEMENT DE WAGON A PALETTES**
[72] SCHULAKOW-KLASS, ANDREJ, DE
[72] EMMEL, JURGEN, DE
[72] HOLZHAUER, THOMAS, DE
[73] OUTOTEC OYJ, FI
[85] 2013-08-12
[86] 2012-03-29 (PCT/EP2012/055624)
[87] (WO2012/136558)
[30] DE (10 2011 016 467.7) 2011-04-08

[11] **2,827,207**
[13] C

[51] **Int.Cl. F16J 15/46 (2006.01) E21B 10/26 (2006.01) E21B 10/50 (2006.01)**
[25] EN
[54] **DRILL BIT SEAL AND METHOD OF USING SAME**
[54] **JOINT D'ETANCHEITE POUR OUTIL DE FORAGE ET SON PROCEDE D'UTILISATION**
[72] BURR, BRUCE HAWLEY, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-08-13
[86] 2012-02-07 (PCT/US2012/024042)
[87] (WO2012/112333)
[30] US (61/444,296) 2011-02-18

[11] **2,828,048**
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[54] **SHAPE MEMORY ALLOY ACTUATOR SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE POUR ACTIONNEUR EN ALLIAGE A MEMOIRE DE FORME**
[72] GUNTER, IAN M., US
[73] THE BOEING COMPANY, US
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[54] **HYDROGEN GENERATION PROCESSES AND APPARATUS AND CONTROL SYSTEM**
[54] **PROCEDE, APPAREIL ET SYSTEME DE CONTROLE DE GENERATION D'HYDROGENE**
[72] DOSHI, KISHORE J., US
[72] SANGER, ROBERT J., US
[73] IFP ENERGIES NOUVELLES, FR
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[87] (2829539)
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[13] C

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[25] EN
[54] **METHOD FOR OPERATING A GAS TURBINE WITH SEQUENTIAL COMBUSTION AND GAS TURBINE FOR CONDUCTING SAID METHOD**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE TURBINE A GAZ A COMBUSTION SEQUENTIELLE ET TURBINE A GAZ POUR EXECUTER LADITE METHODE**
[72] CIANI, ANDREA, CH
[72] EROGLU, ADNAN, CH
[72] PENNELL, DOUGLAS ANTHONY, CH
[72] TRAN, NICOLAS, CH
[72] FREITAG, EWALD, CH
[73] ALSTOM TECHNOLOGY LTD, CH
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[87] (2829613)
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[54] **DAMPER ARRANGEMENT FOR REDUCING COMBUSTION-CHAMBER PULSATION**
[54] **DISPOSITIF AMORTISSEUR POUR REDUIRE LA PULSATION DE LA CHAMBRE DE COMBUSTION**
[72] BOTHIEN, MIRKO RUBEN, CH
[72] HELLAT, JAAN, CH
[72] SCHUERMANS, BRUNO, CH
[73] ALSTOM TECHNOLOGY LTD, CH
[86] (2829989)
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[25] EN
[54] **A HIGH TEMPERATURE CARBON DIOXIDE CORROSION INHIBITOR**
[54] **INHIBITEUR DE CORROSION DUE AU DIOXYDE DE CARBONE A HAUTE TEMPERATURE**
[72] SUN, YONGTAO, CN
[72] MA, ZENGHUA, CN
[72] LIU, HUAJUN, CN
[72] WANG, TONG, CN
[72] LIN, TAO, CN
[72] LIU, HAITAO, CN
[72] WANG, SHAOHUA, CN
[72] SUN, YUBAO, CN
[73] CHINA NATIONAL OFFSHORE OIL CORPORATION, CN
[73] CHINA OILFIELD SERVICES LIMITED, CN
[86] (2830608)
[87] (2830608)
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[54] **COMBUSTOR TRANSITION**
[54] **JOINT DE TRANSITION POUR CHAMBRE DE COMBUSTION**
[72] DUSING, MICHAEL, CH
[72] BOTHIEN, MIRKO RUBEN, CH
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **COMBUSTOR TRANSITION**
[54] **JOINT DE TRANSITION POUR CHAMBRE DE COMBUSTION**
[72] BOTHIEN, MIRKO RUBEN, CH
[72] DUESING, MICHAEL, DE
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **ANODE FOR ELECTROWINNING AND METHOD FOR ELECTROWINNING USING SAME**
[54] **ANODE D'EXTRACTION ELECTROLYTIQUE ET PROCEDE D'EXTRACTION ELECTROLYTIQUE L'UTILISANT**
[72] MORIMITSU, MASATSUGU, JP
[73] THE DOSHISHA, JP
[85] 2013-09-24
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[25] EN
[54] **WINDOW JOINT FOR LATERAL WELLBORE CONSTRUCTION AND METHOD FOR OPENING SAME**
[54] **JOINT A FENETRE POUR CONSTRUCTION DE Puits DE FORAGE LATERAL ET SON PROCEDE D'OUVERTURE**
[72] STEELE, DAVID JOE, US
[72] HEPBURN, NEIL, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-09-27
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[30] US (13/113,747) 2011-05-23

[11] **2,832,737**

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[54] **ABSORBENT MEMBERS HAVING SKEWED DENSITY PROFILE**
[54] **ELEMENTS ABSORBANT AYANT UN PROFIL DE DENSITE EN BIAIS**
[72] MARINELLI, LUIGI, IT
[72] LAKE, KIRK WALLACE, US
[72] ORR, JILL MARLENE, US
[72] WEISMAN, PAUL THOMAS, US
[72] PRIESSMAN, KEITH ROBERT, US
[72] CIMINI, CARMINE, IT
[72] DI PILLA, MARIO, IT
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **INTEGRATED PROCESSES FOR RECOVERY OF HYDROCARBON FROM OIL SANDS**
[54] **PROCEDES INTEGRES POUR LA RECUPERATION DES HYDROCARBURES DANS LES SABLES BITUMINEUX**
[72] ADEYINKA, OLUSOLA B., CA
[72] SPEIRS, BRIAN C., CA
[72] PIERRE, FRITZ, JR., US
[72] RENNARD, DAVID C., US
[72] PACE, JUSTIN D., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **PASSIVE COOLING OF TRANSMISSION USING MAST MOUNTED HEAT PIPES**
[54] **REFROIDISSEMENT PASSIF DE TRANSMISSION AU MOYEN DE CALODUCS MONTES SUR UN MAT**
[72] EHINGER, RYAN T., US
[72] MCGLAUN, MONTE A., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2833050)
[87] (2833050)
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[30] US (13/676,954) 2012-11-14

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[13] C

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[25] EN
[54] **SUBMERSIBLE CENTRIFUGAL PUMP FOR SOLIDS-LADEN FLUID**
[54] **POMPE CENTRIFUGE SUBMERSIBLE POUR FLUIDE CHARGE DE SOLIDES**
[72] BASSETT, LONNIE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-10-18
[86] 2012-04-17 (PCT/US2012/033887)
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[54] **AIRCRAFT GEARBOX GASEOUS COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT GAZEUX D'EMBRAYAGE D'AERONEF**
[72] MCGLAUN, MONTE A., US
[72] RILEY, WALTER W., US
[73] BELL HELICOPTER TEXTRON INC., US
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[30] US (13/687,143) 2012-11-28

[11] **2,833,845**
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[25] EN
[54] **REMOTELY OPERATED SINGLE JOINT ELEVATOR**
[54] **ELEVATEUR DE MANOEUVRE TELECOMMANDE**
[72] PIETRAS, BERND-GEORG, DE
[72] WOOD, KEVIN, DE
[72] HEIDECHE, KARSTEN, DE
[72] HOOKER, JOHN D., II, DE
[72] HELMS, MARTIN, DE
[72] LIESS, MARTIN, DE
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[62] 2,702,809
[30] US (60/983,129) 2007-10-26
[30] US (12/258,357) 2008-10-24

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[13] C

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[25] EN
[54] **A METHOD USING ANODE ROD EQUIDISTANT VOLTAGE DROP TO PREDICT ANODE EFFECT**
[54] **PROCEDE FAISANT APPEL A UNE CHUTE DE TENSION EQUIDISTANTE D'UNE TIGE D'ANODE POUR PREVOIR UN EFFET D'ANODE**
[72] YANG, XIAODONG, CN
[72] ZHOU, DONGFANG, CN
[72] MA, ENJIE, CN
[72] ZHANG, QINSONG, CN
[72] FU, YONG, CN
[72] YIN, XIAOBAO, CN
[73] CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED, CN
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[25] EN
[54] **BUSBAR MODULE UNIT**
[54] **UNITE DE MODULE DE BARRE OMNIBUS**
[72] FURUYA, YOSHINOBU, JP
[72] OGASAWARA, SHIGEYUKI, JP
[72] INOUE, HIDEKI, JP
[73] YAZAKI CORPORATION, JP
[85] 2013-10-28
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[11] **2,834,957**
[13] C

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[25] EN
[54] **COATING COMPOSITIONS COMPRISING 2,2'-BIPHENOL**
[54] **COMPOSITIONS DE REVETEMENT COMPORTANT DU 2,2'-BIPHENOL**
[72] KALEEM, KAREEM, US
[72] MOUSSA, YOUSSEF, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-11-01
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[30] US (61/481,278) 2011-05-02
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[13] C

[51] **Int.Cl. F03D 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A WIND ENERGY PLANT IN ICING CONDITIONS**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE EOLIENNE DANS DES CONDITIONS DE GIVRAGE**
[72] JEPSEN, TORSTEN, DE
[73] WOBLEN PROPERTIES GMBH, DE
[85] 2013-11-08
[86] 2012-05-24 (PCT/EP2012/059769)
[87] (WO2012/168089)
[30] DE (10 2011 077 129.8) 2011-06-07

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[13] C

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[54] **METAL MATRIX COMPOSITE USED AS A HEATING ELEMENT**
[54] **COMPOSITE DE MATRICE METALLIQUE UTILISEE COMME ELEMENT CHAUFFANT**
[72] NORDMAN, PAUL S., US
[72] LOFTIS, RICHARD J., US
[72] ARMATORIO, ANDREW, US
[73] THE BOEING COMPANY, US
[86] (2835956)
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[22] 2013-12-06
[30] US (13/763,706) 2013-02-10

[11] **2,836,127**
[13] C

[51] **Int.Cl. B01D 71/64 (2006.01) B01D 53/22 (2006.01) C08G 73/10 (2006.01) C08L 79/08 (2006.01)**
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[54] **MEMBRANE DE POLYIMIDE POUR LA SEPARATION DE GAZ**
[72] LIU, CHUNQING, US
[72] BOWEN, TRAVIS C., US
[72] HARBERT, EMILY G., US
[72] MINKOV, RAISA, US
[72] FAHEEM, SYED A., US
[72] OSMAN, ZARA, US
[73] UOP LLC, US
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[25] EN
[54] **HDPE RESINS FOR USE IN PRESSURE PIPE AND RELATED APPLICATIONS**
[54] **RESINES DE PEHD UTILISABLES DANS DES TUBES PRESSION ET DES APPLICATIONS CONNEXES**
[72] KRISHNASWAMY, RAJENDRA K., US
[72] YANG, QING, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY, LP, US
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[25] EN
[54] **PATTERN SANDER DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE PONCAGE DE MOTIF**
[72] BOGGS, ROBERT BRYAN, US
[72] MILLER, JOSEPH SHANNON, US
[72] STANDRIDGE, MICHAEL SCOTT, US
[72] SHAW, JASON RICHARD, US
[73] SHAW INDUSTRIES GROUP, INC., US
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[54] **SHOULDER YIELDING
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MAKEUP**
[54] **DETECTION D'ECRASEMENT
D'EPAULEMENT PENDANT UNE
CONSTITUTION DE TUBULURE**
[72] RUEHMANN, RAINER, DE
[72] RUARK, GRAHAM MYLES, US
[73] WEATHERFORD TECHNOLOGY
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[25] EN
[54] **PILOT CYCLIC CONTROL
MARGIN DISPLAY**
[54] **AFFICHAGE DE MARGE DE
CONTROLE CYCLIQUE DE
PILOTAGE**
[72] FORTENBAUGH, ROBERT L., US
[72] CONWAY, FRANK, US
[72] GREENWOOD, JEFFERY S., US
[73] BELL HELICOPTER TEXTRON INC.,
US
[85] 2014-01-09
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[25] EN
[54] **DEVICE AND METHOD FOR
CONTROLLING THE FUEL-AIR
RATIO IN THE COMBUSTION OF
GROUND COAL IN A FIRING
SYSTEM OF A COAL-FIRED
POWER STATION**
[54] **DISPOSITIF ET PROCEDE DE
REGULATION DU RAPPORT AIR-
COMBUSTIBLE LORS DE LA
COMBUSTION DE CHARBON
BROYE, DANS UNE
INSTALLATION DE
COMBUSTION D'UNE CENTRALE
AU CHARBON**
[72] CONRADS, HANS GEORG, DE
[72] HALM, ALEXANDER, DE
[72] BOHM, MARTIN, DE
[73] PROMECON PROZESS- UND
MESSTECHNIK CONRADS GMBH,
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[85] 2014-01-13
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[30] DE (10 2011 107 195.8) 2011-07-13

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[13] C
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[25] EN
[54] **CABLE TRAY SECTION**
[54] **ELEMENT DE CHEMIN DE
CABLES**
[72] VALDES COLINA, JUSTO MANUEL,
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[73] VALDINOX, S.L., ES
[85] 2014-01-14
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[13] C
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[54] **GAS/GAS HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR
GAZ/GAZ**
[72] DAUM, KARL-HEINZ, DE
[72] STORCH, HANNES, DE
[72] SCHALK, WOLFRAM, DE
[73] OUTOTEC OYJ, FI
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[30] DE (10 2011 109 970.4) 2011-08-11

[11] **2,842,209**
[13] C
[51] **Int.Cl. B01D 61/10 (2006.01) B01D
35/30 (2006.01) B01D 61/08 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR
COUPLING WATER FILTER
MANIFOLD HEADS**
[54] **DISPOSITIF MODULAIRE DE
RACCORD DE TETES DE
COLLECTEUR DE FILTRE A EAU**
[72] KENNEDY, GREGORY, US
[72] SINKULA, DAVID, US
[72] ZIMMERMAN, JEFFREY, US
[72] KHAMIS, CHAOUKI, US
[72] STOICK, MICHAEL, US
[72] DUSHECK, NATHAN, US
[73] ECOWATER SYSTEMS, LLC, US
[86] (2842209)
[87] (2842209)
[22] 2006-01-27
[62] 2,596,225
[30] US (60/647,680) 2005-01-27

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[25] EN

[54] **SYSTEMS AND METHODS TO PERFORM ASSAYS FOR DETECTING OR QUANTIFYING ANALYTES WITHIN SAMPLES**

[54] **SYSTEMES ET PROCÉDES PERMETTANT D'EFFECTUER DES DOSAGES AFIN DE DETECTER OU DE QUANTIFIER DES ANALYTES DANS DES ECHANTILLONS**

[72] CARRICK, JAMES M., US

[72] DAVIS, CHRISTOPHER BRANDON, US

[72] HEINZ, ROBERT E., US

[72] KNIGHT, BYRON J., US

[72] LAIR, GARY D., US

[72] LI, FLORENCE F., US

[72] LI, HAITAO, US

[72] LIGHT, JAMES P., US

[72] MACIOSZEK, JERZY A., US

[72] NGUYEN, THANH N., US

[72] SCALESE, ROBERT F., US

[73] GEN-PROBE INCORPORATED, US

[86] (2842402)

[87] (2842402)

[22] 2006-03-10

[62] 2,599,576

[30] US (60/659,874) 2005-03-10

[11] **2,842,409**
[13] C

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[25] EN

[54] **SYSTEMS AND METHODS RELATED TO COLLECTION OF BIOLOGICAL FLUIDS**

[54] **SYSTEMES ET PROCÉDES LIÉS A LA COLLECTE DE FLUIDES BIOLOGIQUES**

[72] SHUBIN, STEVEN A., SR., US

[72] SHUBIN, STEVEN A., JR., US

[73] SHUBIN, STEVEN A., SR., US

[86] (2842409)

[87] (2842409)

[22] 2014-02-10

[30] US (13/796,223) 2013-03-12

[11] **2,842,661**
[13] C

[51] **Int.Cl. G02B 21/26 (2006.01) G02B 21/36 (2006.01)**

[25] EN

[54] **IMAGING SYSTEM AND TECHNIQUES**

[54] **SYSTEME ET TECHNIQUES D'IMAGERIE**

[72] LONEY, GREGORY C., US

[72] STARK, GLENN, US

[72] TODD, CHRIS, US

[72] SABATA, BIKASH, US

[73] VENTANA MEDICAL SYSTEMS, INC., US

[86] (2842661)

[87] (2842661)

[22] 2010-10-18

[62] 2,776,527

[30] US (61/252,995) 2009-10-19

[30] US (61/256,228) 2009-10-29

[30] US (61/261,251) 2009-11-13

[30] US (61/299,231) 2010-01-28

[30] US (61/367,341) 2010-07-23

[11] **2,842,989**
[13] C

[51] **Int.Cl. A01K 13/00 (2006.01)**

[25] EN

[54] **K9 CLEAN**

[54] **NETTOYANT K9 CLEAN**

[72] HAMILTON, ERIN KIMBERLEE, CA

[72] HAMILTON, RONALD HILLIS, CA

[73] HAMILTON, ERIN KIMBERLEE, CA

[73] HAMILTON, RONALD HILLIS, CA

[86] (2842989)

[87] (2842989)

[22] 2014-02-18

[30] CA (UNKNOWN) 2014-02-11

[11] **2,843,533**
[13] C

[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01) A61M 16/16 (2006.01)**

[25] EN

[54] **BREATHING ASSISTANCE APPARATUS**

[54] **APPAREIL RESPIRATOIRE**

[72] WHITE, CRAIG KARL, NZ

[72] VAN BEURDEN, JASON PETER, NZ

[72] O'DONNELL, KEVIN PETER, NZ

[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ

[86] (2843533)

[87] (2843533)

[22] 2004-05-28

[62] 2,777,608

[30] NZ (526362) 2003-05-30

[11] **2,844,156**
[13] C

[51] **Int.Cl. H05B 37/02 (2006.01) H05B 41/40 (2006.01)**

[25] EN

[54] **DYNAMIC STEP DIMMING INTERFACE**

[54] **INTERFACE DE GRADATION PAR ETAPES DYNAMIQUES**

[72] HERNANDEZ LOPEZ, ARTURO, MX

[72] ZIEGLER, MARKUS, US

[72] JARAMILLO, CARLOS DANIEL ORTEGA, MX

[73] OSRAM SYLVANIA INC., US

[86] (2844156)

[87] (2844156)

[22] 2014-02-27

[30] US (61/774,556) 2013-03-07

[30] US (14/189,359) 2014-02-25

[11] **2,844,471**
[13] C

[51] **Int.Cl. C04B 7/32 (2006.01) C04B 7/345 (2006.01) C04B 28/04 (2006.01)**

[25] EN

[54] **TERNESITE AS AN ADDITIVE TO PORTLAND CEMENT**

[54] **TERNESITE UTILISEE COMME ADDITIF DU CIMENT PORTLAND**

[72] BULLERJAHN, FRANK, DE

[72] SCHMITT, DIRK, DE

[72] BEN HAHA, MOHSEN, DE

[72] BATOG, BARBARA, PL

[72] IRBE, LINDA, DE

[73] HEIDELBERGCEMENT AG, DE

[85] 2014-02-06

[86] 2012-07-16 (PCT/EP2012/002974)

[87] (WO2013/023727)

[30] EP (11006757.6) 2011-08-18

[30] EP (11008570.1) 2011-10-26

[30] EP (12001488.1) 2012-03-05

[30] EP (12002111.8) 2012-03-26

[30] EP (12002342.9) 2012-03-30

[30] EP (12003718.9) 2012-05-10

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[11] **2,848,547**
[13] C
[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **DEVICE AND PROCESS FOR SURGERY ON THE HUMAN EYE**
[54] **DISPOSITIF ET PROCEDE POUVANT ETRE UTILISES EN CHIRURGIE OCULAIRE CHEZ L'ETRE HUMAIN**
[72] DONITZKY, CHRISTOF, DE
[72] VOGLER, KLAUS, DE
[73] WAVELIGHT GMBH, DE
[85] 2014-03-13
[86] 2011-10-10 (PCT/EP2011/005061)
[87] (WO2013/053366)

[11] **2,848,763**
[13] C
[51] **Int.Cl. A61L 2/20 (2006.01) A61L 9/015 (2006.01)**
[25] EN
[54] **BULKHEAD ASSEMBLY FOR VHP UNIT WITH REMOVABLE DIFFUSER**
[54] **ENSEMBLE CLOISON POUR UNITE DE PEROXYDE D'HYDROGENE VAPORISE COMPORTANT UN DIFFUSEUR AMOVIBLE**
[72] HILL, AARON L., US
[72] BRUSKEVITH, RYAN A., US
[72] LOGUE, LESLIE M., US
[72] WARREN, WILLIAM D., US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2014-03-13
[86] 2012-09-27 (PCT/US2012/057455)
[87] (WO2013/049284)
[30] US (61/540,052) 2011-09-28
[30] US (13/627,122) 2012-09-26

[11] **2,849,332**
[13] C
[51] **Int.Cl. E04D 13/03 (2006.01) E04D 13/035 (2006.01)**
[25] EN
[54] **A ROOF WINDOW WITH AN INSULATING ELEMENT**
[54] **FENETRE DE TOIT A ELEMENT ISOLANT**
[72] RASMUSSEN, STEN, DK
[73] VKR HOLDING A/S, DK
[85] 2014-03-20
[86] 2012-10-04 (PCT/DK2012/050372)
[87] (WO2013/050040)
[30] DK (PA 2011 70549) 2011-10-04

[11] **2,850,416**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) G06F 17/30 (2006.01) G11B 27/10 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSMITTING STREAMING MEDIA**
[54] **PROCEDE ET DISPOSITIF POUR LA TRANSMISSION DE DONNEES MULTIMEDIAS DIFFUSEES EN CONTINU**
[72] ZHANG, SHAOBO, CN
[72] WANG, XIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-03-28
[86] 2011-09-30 (PCT/CN2011/080449)
[87] (WO2012/162995)

[11] **2,850,481**
[13] C
[51] **Int.Cl. C07D 261/04 (2006.01) A01N 43/80 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **PHENYLISOXAZOLINE COMPOUND HAVING HERBICIDAL PROPERTIES AND USE THEREOF**
[54] **COMPOSE DE PHENYLISOXAZOLINE AYANT DES PROPRIETES HERBICIDES ET SON UTILISATION**
[72] KO, YOUNG KWAN, KR
[72] YON, GYU HWAN, KR
[72] RYU, JAE WOOK, KR
[72] KOO, DONG WAN, KR
[72] NAM, JUN HO, KR
[72] PYO, SUNG WAN, KR
[72] HWANG, JAE MIN, KR
[72] KOO, SUK JIN, KR
[72] HWANG, KI HWAN, KR
[72] LEE, DONG GUK, KR
[72] JEON, MAN SEOK, KR
[72] CHO, NAM GYU, KR
[72] KIM, SUNG HUN, KR
[72] LIM, JONG SU, KR
[72] CHUNG, KUN HOE, KR
[73] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
[73] MOGHU RESEARCH CENTER LTD., KR
[85] 2014-03-28
[86] 2012-05-18 (PCT/KR2012/003973)
[87] (WO2013/051776)
[30] KR (10-2011-0100842) 2011-10-04

[11] **2,852,286**
[13] C
[51] **Int.Cl. F16B 25/00 (2006.01)**
[25] EN
[54] **SCREW ELEMENT**
[54] **ELEMENT DE VIS**
[72] LANGEWIESCHE, FRANK, DE
[73] SPAX INTERNATIONAL GMBH & CO. KG, DE
[86] (2852286)
[87] (2852286)
[22] 2014-05-23
[30] EP (13169134.7) 2013-05-24

[11] **2,853,324**
[13] C
[51] **Int.Cl. F17C 3/00 (2006.01)**
[25] EN
[54] **CRYOGENIC STORAGE VESSEL**
[54] **RECIPIENT DE STOCKAGE CRYOGENIQUE**
[72] MCDONALD, ROBBI L., CA
[72] VAYEDA, ANKUR H., CA
[72] KRATSCHMAR, KENNETH W., CA
[72] EBBEHOJ, MICHAEL, CA
[73] WESTPORT POWER INC., CA
[86] (2853324)
[87] (2853324)
[22] 2014-06-03

[11] **2,853,463**
[13] C
[51] **Int.Cl. A01K 5/01 (2006.01) A01K 5/00 (2006.01)**
[25] EN
[54] **INDEXED ANIMAL FEEDER**
[54] **DISPOSITIF D'ALIMENTATION D'ANIMAUX INDEXE**
[72] ADERMANN, JAMES M., US
[72] FRANKOVICH, JOHN, US
[73] THE GSI GROUP, LLC, US
[85] 2014-04-24
[86] 2012-10-25 (PCT/US2012/061869)
[87] (WO2013/063239)
[30] US (61/551,309) 2011-10-25

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[11] **2,855,283**
[13] C

[51] **Int.Cl. A47C 3/03 (2006.01)**
[25] EN
[54] **MOBILE CHAIR, METHOD OF OPERATION ASSOCIATED THERETO, AND KIT FOR ASSEMBLING THE SAME**
[54] **FAUTEUIL MOBILE, SON PROCEDE DE FONCTIONNEMENT ET NECESSAIRE D-ASSEMBLAGE DE CELUI-CI**
[72] CHOUINARD, CHRISTIAN, CA
[73] CRINAR INC., CA
[86] (2855283)
[87] (2855283)
[22] 2014-06-27
[30] CA (2,828,044) 2013-09-20

[11] **2,859,432**
[13] C

[51] **Int.Cl. B60P 1/43 (2006.01) B62D 33/08 (2006.01)**
[25] EN
[54] **FOLDABLE EXTENSION DECK AND RAMP ASSEMBLY FOR PICKUP TRUCK**
[54] **PLATEFORME DE PROLONGEMENT PLIANTE ET ENSEMBLE DE RAMPES POUR CAMIONNETTE**
[72] MICHAUD, MICHEL, CA
[73] MICHAUD, MICHEL, CA
[86] (2859432)
[87] (2859432)
[22] 2014-08-15
[30] CA (2,823,938) 2013-08-19

[11] **2,859,461**
[13] C

[51] **Int.Cl. A22C 21/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COMPLETELY SEPARATING FROM THE CARCASS OF A GUTTED POULTRY BODY BREAST FILLETS THAT HAVE ALREADY BEEN PARTIALLY DETACHED FROM THE CARCASS**
[54] **DISPOSITIF ET PROCEDE POUR LA SEPARATION COMPLETE A PARTIR DE LA CARCASSE D'UN FILET DE POITRINE PREALABLEMENT PARTIELLEMENT SEPRE DE LA CARCASSE DE VOLAILLE EVISCEREE**
[72] LANDT, ANDREAS, DE
[72] EVERS, REINHARD, DE
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2014-06-16
[86] 2012-12-12 (PCT/EP2012/075181)
[87] (WO2013/092330)
[30] EP (11195551.4) 2011-12-23

[11] **2,860,147**
[13] C

[51] **Int.Cl. H02J 13/00 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR BLACKOUT PROTECTION**
[54] **SYSTEMES ET PROCEDES DE PROTECTION CONTRE UNE PANNE TOTALE DE COURANT**
[72] MANSON, SCOTT M., US
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[85] 2014-06-20
[86] 2012-12-11 (PCT/US2012/068962)
[87] (WO2013/115908)
[30] US (61/592,826) 2012-01-31
[30] US (13/587,068) 2012-08-16

[11] **2,862,613**
[13] C

[51] **Int.Cl. C10L 1/04 (2006.01)**
[25] EN
[54] **HYDROCARBON COMPOSITION**
[54] **COMPOSITION D'HYDROCARBURES**
[72] MCGEHEE, JAMES F., US
[72] BAUER, LORENZ J., US
[73] UOP, LLC, US
[86] (2862613)
[87] (2862613)
[22] 2010-11-29
[62] 2,773,584
[30] US (12/636,137) 2009-12-11
[30] US (12/636,135) 2009-12-11
[30] US (12/636,142) 2009-12-11

[11] **2,867,114**
[13] C

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/444 (2006.01) A61P 3/10 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **PIPERIDINE DERIVATIVES FOR GPR119 AGONIST**
[54] **DERIVES DE PIPERIDINE AGONISTES DE GPR119**
[72] LEE, CHANGSIK, KR
[72] JANG, TAEGSU, KR
[72] CHOI, DAEKYU, KR
[72] KO, MOOSUNG, KR
[72] KIM, DOHOON, KR
[72] KIM, SOYOUNG, KR
[72] MIN, JAEKI, KR
[72] KIM, WOOSIK, KR
[72] LIM, YOUNGTAE, KR
[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2014-09-11
[86] 2013-06-11 (PCT/KR2013/005096)
[87] (WO2013/187646)
[30] KR (10-2012-0062784) 2012-06-12

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[11] **2,867,839**
[13] C
[51] **Int.Cl. G06T 19/20 (2011.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING INFORMATION FROM A PATIENT-SPECIFIC MODEL OF BLOOD FLOW**
[54] **PROCEDE ET SYSTEME PERMETTANT DE FOURNIR DES INFORMATIONS PROVENANT D'UN MODELE DE DEBIT SANGUIN PROPRE A UN PATIENT**
[72] HART, GREGORY RICHARD, US
[72] STEVENS, JOHN HENRY, US
[73] HEARTFLOW, INC., US
[85] 2014-09-17
[86] 2013-05-13 (PCT/US2013/040714)
[87] (WO2013/173208)
[30] US (13/470,802) 2012-05-14

[11] **2,869,625**
[13] C
[51] **Int.Cl. B61D 17/08 (2006.01)**
[25] EN
[54] **ROLLING STOCK**
[54] **VEHICULE DE CHEMIN DE FER**
[72] KURODA, MASARU, JP
[72] NAKAO, KOJI, JP
[73] NIPPON SHARYO, LTD., JP
[85] 2014-10-03
[86] 2012-04-05 (PCT/JP2012/059317)
[87] (WO2013/150628)

[11] **2,869,811**
[13] C
[51] **Int.Cl. A22C 25/16 (2006.01)**
[25] EN
[54] **METHOD FOR PERFORMING A FILLETING CUT FOR FILLETING FISH, APPARATUS FOR PERFORMING THE FILLETING CUT ACCORDING TO THE METHOD, AND CIRCULAR KNIFE PAIR AND CIRCULAR KNIFE CONFIGURED FOR THE METHOD AND THE APPARATUS**
[54] **PROCEDE POUR REALISER UNE COUPE DE FILETS AFIN DE LEVER DES FILETS DE POISSONS, PROCEDE POUR REALISER UNE COUPE DE FILETS SELON LE PROCEDE AINSI QU'UNE PAIRE DE COUTEAUX ROTATIFS MIS AU POINT POUR LE PROCEDE ET LE DISPOSITIF ET COUTEAUX ROTATIFS**
[72] JURS, MICHAEL, DE
[72] SCHROEDER, MATTHIAS, DE
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2014-10-07
[86] 2012-04-24 (PCT/EP2012/057493)
[87] (WO2013/159814)

[11] **2,876,520**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01)**
[25] EN
[54] **AUTHENTICATING A MOBILE DEVICE BY MEANS OF DIGITAL CERTIFICATES FOR GRANTING USER ACCESS TO A SEPARATE SHARED DEVICE**
[54] **AUTHENTIFICATION D'UN DISPOSITIF MOBILE AU MOYEN DE CERTIFICATS NUMERIQUES DANS LE BUT D'ACORDER A UN UTILISATEUR L'ACCES A UN DISPOSITIF PARTAGE SEPRE**
[72] ST. CLAIR, LUKE, US
[73] FACEBOOK, INC., US
[85] 2014-12-23
[86] 2013-07-02 (PCT/US2013/049005)
[87] (WO2014/008221)
[30] US (13/541,212) 2012-07-03

[11] **2,876,942**
[13] C
[51] **Int.Cl. B02C 23/26 (2006.01) B02C 13/288 (2006.01) B02C 23/20 (2006.01)**
[25] EN
[54] **APPARATUS TO REDUCE SIZE OF MATERIAL**
[54] **APPAREIL SERVANT A REDUIRE LA TAILLE D'UN MATERIAU**
[72] PAT, BARRY, BE
[72] CALLENS, RONY, FR
[72] SCHROEDER, ERIC, BE
[73] MAYFAIR VERMOGENSVERWALTUNGS SE, DE
[85] 2014-12-16
[86] 2013-07-19 (PCT/EP2013/065267)
[87] (WO2014/016207)
[30] EP (12177485.5) 2012-07-23
[30] EP (12182187.0) 2012-08-29

[11] **2,881,041**
[13] C
[51] **Int.Cl. F21V 17/08 (2006.01) F21V 15/01 (2006.01) F21V 19/00 (2006.01) F21V 21/35 (2006.01) G09F 13/04 (2006.01) H05B 37/00 (2006.01)**
[25] EN
[54] **LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE**
[72] SELLAM, DAVID, CA
[73] MEDIA GRAPH DEPOT INC., CA
[85] 2015-02-04
[86] 2013-10-31 (PCT/CA2013/050831)
[87] (WO2014/067010)
[30] US (61/720,626) 2012-10-31

[11] **2,882,516**
[13] C
[51] **Int.Cl. F28F 9/013 (2006.01) F24H 1/08 (2006.01) F28F 1/00 (2006.01)**
[25] EN
[54] **HELICAL COIL HEATING APPARATUS AND METHOD OF OPERATION**
[54] **APPAREIL DE CHAUFFAGE DE BOBINE HELICOIDALE ET MODE D'UTILISATION**
[72] MYERHOLTZ, ROBERT M., US
[72] DANCEY, LARRY L., CA
[73] TECHNOLOGIES HOLDINGS CORP., US
[86] (2882516)
[87] (2882516)
[22] 2015-02-20

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[11] **2,883,266**
[13] C

[51] **Int.Cl. G02F 1/01 (2006.01) B82Y 20/00 (2011.01) B42D 25/36 (2014.01) B42D 25/40 (2014.01) B44F 1/10 (2006.01) G02B 5/18 (2006.01)**

[25] EN

[54] **NANO-MEDIA INFORMATION CARRIER BASED ON PIXELATED NANO-STRUCTURES COMBINED WITH AN INTENSITY CONTROL LAYER**

[54] **SUPPORT D'INFORMATIONS NANO-MEDIA BASE SUR NANOSTRUCTURES PIXELISEES COMBINEES A UNE COUCHE DE COMMANDE D'INTENSITE**

[72] JIANG, HAO, CA

[72] QAREHBAGHI, REZA, CA

[72] KAMINSKA, BOZENA, CA

[72] NAJIMINAINI, MOHAMADREZA, CA

[72] REZAEI, MOHAMAD, CA

[72] CARSON, JEFFREY J. L., CA

[73] NANOMEDIA SOLUTIONS INC., CA

[85] 2015-02-25

[86] 2014-08-08 (PCT/CA2014/050754)

[87] (WO2015/021544)

[30] US (61/864,615) 2013-08-11

[11] **2,883,302**
[13] C

[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **SOYBEAN VARIETY XB02J14**

[54] **VARIETE DE SOYA XB02J14**

[72] VAN HERK, JOHN GERARD, US

[72] KRASHENINNIK, NADIA, US

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

[86] (2883302)

[87] (2883302)

[22] 2015-02-26

[30] US (61/947,480) 2014-03-04

[30] US (14/625,749) 2015-02-19

[11] **2,883,365**
[13] C

[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **SOYBEAN VARIETY XB19S14**

[54] **VARIETE DE SOYA XB19S14**

[72] CARDEN, BRIAN A., US

[72] KYLE, DONALD, US

[72] FABRIZIUS, MARTIN, US

[72] ROACH, MICHAEL, US

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

[86] (2883365)

[87] (2883365)

[22] 2015-02-26

[30] US (61/947,544) 2014-03-04

[30] US (14/625,764) 2015-02-19

[11] **2,883,371**
[13] C

[51] **Int.Cl. C12N 5/10 (2006.01) A23K 10/30 (2016.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **SOYBEAN VARIETY XB28E14**

[54] **VARIETE DE SOJA XB28E14**

[72] CARDEN, BRIAN A., US

[72] FORTH, KATHRYN ANNE, US

[72] KYLE, DONALD, US

[72] STEPHENS, PAUL, US

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

[86] (2883371)

[87] (2883371)

[22] 2015-02-26

[30] US (61/947,517) 2014-03-04

[30] US (14/625,768) 2015-02-19

[11] **2,887,427**
[13] C

[51] **Int.Cl. H04L 12/931 (2013.01) H04L 12/12 (2006.01) H04L 12/28 (2006.01)**

[25] EN

[54] **DISTRIBUTED VIRTUAL SWITCH FOR VIRTUALIZED COMPUTER SYSTEMS**

[54] **COMMUTEUR VIRTUEL DISTRIBUE POUR DES SYSTEMES INFORMATIQUES VIRTUALISES**

[72] LAMBETH, ANDREW, US

[72] ZHOU, SHUDONG, US

[73] VMWARE, INC., US

[86] (2887427)

[87] (2887427)

[22] 2009-03-27

[62] 2,724,237

[30] US (12/126,777) 2008-05-23

[11] **2,892,839**
[13] C

[51] **Int.Cl. E06B 5/00 (2006.01) E06B 5/16 (2006.01) E06B 11/02 (2006.01)**

[25] EN

[54] **INSERT ACCESS DOOR**

[54] **PORTE D'ACCES INSERABLE**

[72] WISE, DAVID R., CA

[72] BAND, KIM THOMAS SEFTON, CA

[73] MAXAM METAL PRODUCTS LIMITED, CA

[86] (2892839)

[87] (2892839)

[22] 2015-05-21

[30] US (62/072722) 2014-10-30

[11] **2,895,892**
[13] C

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

[25] EN

[54] **AMBIGUOUS STRUCTURED SEARCH QUERIES ON ONLINE SOCIAL NETWORKS**

[54] **INTERROGATIONS DE RECHERCHE STRUCTUREES AMBIGUES SUR DES RESEAUX SOCIAUX EN LIGNE**

[72] LEE, YOFAY KARI, US

[72] PEIRIS, KEITH L., US

[72] MASCHMEYER, WILLIAM R., US

[72] RASMUSSEN, LARS EILSTRUP, US

[72] DUCK, JOSHUA KEITH, US

[73] FACEBOOK, INC., US

[85] 2015-06-26

[86] 2013-12-19 (PCT/US2013/076590)

[87] (WO2014/105640)

[30] US (13/732,101) 2012-12-31

[30] EP (13197982.5) 2013-12-18

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[11] **2,896,737**
[13] C

[51] **Int.Cl. E21C 37/12 (2006.01) E21B 43/29 (2006.01) E21B 43/40 (2006.01)**

[25] EN

[54] **SURFACE ACCESS BOREHOLE RESOURCE EXTRACTION METHOD**

[54] **PROCEDE D'EXTRACTION DE RESSOURCES DE TROU D'ACCES A LA SURFACE**

[72] HEALY, DAYLAN, CA
[72] GAGNON, LOUIS-PIERRE, CA
[72] ECKERT, SYLVAIN, FR
[72] PEDERSON, TYSON, CA
[73] AREVA RESOURCES CANADA INC., CA
[85] 2015-03-10
[86] 2013-12-31 (PCT/CA2013/001090)
[87] (WO2015/100481)

[11] **2,897,319**
[13] C

[51] **Int.Cl. G01V 7/14 (2006.01) G01B 9/02 (2006.01) G01V 8/20 (2006.01)**

[25] EN

[54] **POLARIZED BEAM, MATCHED COINCIDENT BEAM PATH, INTERFEROMETRIC GRADIOMETER APPARATUS AND METHOD**

[54] **FAISCEAU POLARISE, TRAJET DE FAISCEAU COINCIDENT ADAPTE, GRADIOMETRE INTERFEROMETRIQUE ET PROCEDE ASSOCIE**

[72] KLOPPING, FRED J., US
[72] NIEBAUER, TIMOTHY M., US
[72] BILLSON, RYAN M., US
[73] MICRO-G LACOSTE, INC., US
[85] 2015-07-06
[86] 2014-02-27 (PCT/US2014/018912)
[87] (WO2014/163922)
[30] US (13/797,451) 2013-03-12

[11] **2,897,339**
[13] C

[51] **Int.Cl. A47C 17/40 (2006.01) A47B 5/00 (2006.01) A47B 96/00 (2006.01)**

[25] EN

[54] **COUNTERBALANCING ASSEMBLY FOR FOLDING FURNITURE**

[54] **DISPOSITIF DE CONTREPOIDS POUR MEUBLE PLIANT**

[72] BURCHETT, DALE D., US
[73] C.A.B., INC, D/B/A CREATE-A-BED, US
[86] (2897339)
[87] (2897339)
[22] 2015-07-16
[30] US (14/463,913) 2014-08-20

[11] **2,907,721**
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/5575 (2006.01) A61K 47/06 (2006.01) A61K 47/14 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TOPICAL DELIVERY OF PROSTAGLANDINS TO SUBCUTANEOUS FAT**

[54] **COMPOSITIONS ET PROCEDES PERMETTANT UNE ADMINISTRATION TOPIQUE DE PROSTAGLANDINES A LA GRAISSE SOUS-CUTANEE**

[72] SINGER, MICHAEL S., US
[72] KALAYOGLU, MURAT V., US
[73] TOPOKINE THERAPEUTICS, INC., US
[85] 2015-09-18
[86] 2014-05-09 (PCT/US2014/037512)
[87] (WO2014/183045)
[30] US (61/822,139) 2013-05-10

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[21] **2,856,241**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06K 9/18 (2006.01)**
[25] EN
[54] **MEANS AND METHOD OF DOCUMENT TRACKING FOR EVENT(S)/PROJECT(S)**
[54] **MECANISME ET METHODE DE SUIVI DE DOCUMENTS RELATIFS A DES EVENEMENTS OU DES PROJETS**
[72] UNKNOWN, ZZ
[71] HUM, WAYNE, CA
[22] 2014-08-08
[41] 2016-02-08

[21] **2,856,926**
[13] A1
[51] **Int.Cl. A47C 16/00 (2006.01) A47C 3/16 (2006.01) A47C 4/54 (2006.01) A47C 7/40 (2006.01)**
[25] EN
[54] **A FRAMED AIR PILLOW FOR UPRIGHT SUPPORT SITTING, AND COMFORT SLEEPING PILLOW SYSTEM**
[54] **UN OREILLER GONFLABLE STRUCTURE DESTINE A SUPPORTER LA POSITION ASSISE ET SYSTEME D'OREILLER CONFORTABLE**
[72] GILAO, DEKA, CA
[71] GILAO, DEKA, CA
[22] 2014-08-13
[41] 2016-02-13

[21] **2,858,564**
[13] A1
[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] EN
[54] **SHOWBATTERY**
[54] **BATTERIE POUR EXPOSITION**
[72] UNKNOWN, ZZ
[71] LED SELF GENERATING STATION (SGS) SOLUTIONS INC., CA
[22] 2014-08-07
[41] 2016-02-07

[21] **2,858,612**
[13] A1
[51] **Int.Cl. B65G 25/02 (2006.01) B65G 7/00 (2006.01) B65G 7/02 (2006.01)**
[25] EN
[54] **UNLOADING A CYLINDRICAL BODY FROM A PALLET**
[54] **DECHARGEMENT D'UN CORPS CYLINDRIQUE D'UNE PALETTE**
[72] UNRAU, JACOB A., CA
[71] MUZEEN & BLYTHE LTD., CA
[22] 2014-08-07
[41] 2016-02-07

[21] **2,858,615**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SIMULATING A TRANSPORTATION EMERGENCY**
[54] **DISPOSITIF ET METHODE DE SIMULATION D'UNE URGENCE DE TRANSPORT**
[72] SWEET, RUSSELL A., US
[72] SHROYER, TRENT BRIAN, US
[72] SEITZ, NICHOLAS ROBERT, US
[71] S&S MEDICAL PRODUCTS, LLC, US
[22] 2014-08-07
[41] 2016-02-07

[21] **2,858,656**
[13] A1
[51] **Int.Cl. B09C 1/10 (2006.01) B09C 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SOIL REMEDIATION**
[54] **SYSTEMES ET PROCEDES DE RETABLISSEMENT DU SOL**
[72] CAMIRE, KASEY, CA
[71] IN-SITU REMEDIATION DEVELOPMENTS, CA
[22] 2014-08-08
[41] 2016-02-08

[21] **2,858,734**
[13] A1
[51] **Int.Cl. G01F 15/07 (2006.01) G01F 15/14 (2006.01)**
[25] EN
[54] **COUNTER MODULE ADAPTOR ASSEMBLY FOR ROTARY GAS METERS**
[54] **DISPOSITIF D'ADAPTATION DE MODULE DE COMPTEUR POUR COMPTEURS DE GAZ ROTATIFS**
[72] WANG, XINMIN, CA
[72] SMICH, ANDREW, CA
[72] JURYS, MAREK, CA
[71] WANG, XINMIN, CA
[71] SMICH, ANDREW, CA
[71] JURYS, MAREK, CA
[22] 2014-08-08
[41] 2016-02-08

[21] **2,858,774**
[13] A1
[51] **Int.Cl. A42B 3/12 (2006.01)**
[25] EN
[54] **HELMET LINER AND DISPLAY FOR REDUCING THE IMPACT OF CONCUSSIONS**
[54] **DOUBLURE DE CASQUE ET AFFICHEUR DESTINES A REDUIRE L'INCIDENCE DES COMMOTIONS CEREBRALES**
[72] EHMKE, WILLIAM, CA
[71] EHMKE, WILLIAM, CA
[22] 2014-08-07
[41] 2016-02-07

[21] **2,858,780**
[13] A1
[51] **Int.Cl. E05B 73/00 (2006.01) B25H 3/00 (2006.01)**
[25] EN
[54] **PRYLOCK**
[54] **VERROU A GALETS**
[72] STEELE, ELDEN T., CA
[72] STEELE, EVERETT A., CA
[71] STEELE, ELDEN T., CA
[71] STEELE, EVERETT A., CA
[22] 2014-08-07
[41] 2016-02-07

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[21] **2,858,782**
[13] A1

[51] **Int.Cl. B23Q 1/25 (2006.01)**
[25] EN
[54] **GUIDING ASSEMBLY FOR A WORKPIECE CUTTING APPARATUS, WORKPIECE CUTTING APPARATUS INCLUDING SAME, AND METHOD FOR DISPLACING A CUTTING ASSEMBLY ALONG A WORKPIECE CUTTING TABLE**
[54] **DISPOSITIF DE GUIDAGE POUR UN APPAREIL DE COUPE DE PIECE DE TRAVAIL, APPAREIL DE COUPE DE PIECE DE TRAVAIL COMPORTANT LE DISPOSITIF, ET METHODE DE DEPLACEMENT D'UN DISPOSITIF DE COUPE LE LONG D'UNE TABLE DE COUPE D'UNE PIECE DE TRAVAIL**
[72] GIGUERE, JEAN-FRANCOIS, CA
[71] MACHITECH AUTOMATION, CA
[22] 2014-08-07
[41] 2016-02-07

[21] **2,858,810**
[13] A1

[51] **Int.Cl. G01M 3/04 (2006.01) F16L 55/00 (2006.01) F16L 55/179 (2006.01) F17D 5/02 (2006.01)**
[25] EN
[54] **PIPELINE ELEMENT LEAK DETECTION SYSTEM AND METHOD**
[54] **MECANISME DE DETECTION DE FUIITE D'UN ELEMENT DE PIPELINE ET METHODE**
[72] HENGEN, DEREK J., CA
[71] HENGEN, DEREK J., CA
[22] 2014-08-08
[41] 2016-02-08

[21] **2,858,872**
[13] A1

[51] **Int.Cl. E04H 15/58 (2006.01) E04F 10/06 (2006.01) E04H 15/54 (2006.01) E06B 9/08 (2006.01) E06B 9/40 (2006.01)**
[25] FR
[54] **RETRACTABLE SHADES AND AWNINGS**
[54] **OMBRIERES ET AUVENTS RETRACTABLES**
[72] LARIN, DOMINIC, CA
[72] BOURDAGES, ALAIN, CA
[72] GERARD, NOEL, CA
[71] LOUNGE FACTORY INC., CA
[22] 2014-08-11
[41] 2016-02-11

[21] **2,858,887**
[13] A1

[51] **Int.Cl. E04F 15/18 (2006.01) B27M 3/06 (2006.01) E04B 1/70 (2006.01) E04B 5/00 (2006.01)**
[25] EN
[54] **SUBFLOOR COMPONENT AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSANTE DE SOUS-PLANCHER ET METHODE DE FABRICATION ASSOCIEE**
[72] AMEND, VICTOR, CA
[71] AMEND, VICTOR, CA
[22] 2014-08-11
[41] 2016-02-11

[21] **2,858,923**
[13] A1

[51] **Int.Cl. G07C 11/00 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **UNIQUELY IDENTIFIABLE DRUG DOSAGE FORM UNITS**
[54] **UNITES DE FORME DE DOSAGE DE MEDICAMENT IDENTIFIABLES DE MANIERE UNIQUE**
[72] PROKOP, DAVID, US
[71] PROKOP, DAVID, US
[22] 2014-08-08
[41] 2016-02-08

[21] **2,858,937**
[13] A1

[51] **Int.Cl. A63F 9/04 (2006.01)**
[25] EN
[54] **TARMODICE**
[54] **TARMODICE**
[72] WOOD, TYLER C., CA
[72] ST. PIERRE, JEFF, CA
[72] ST. PIERRE, JEFF, CA
[71] WOOD, TYLER C., CA
[71] ST. PIERRE, JEFF, CA
[22] 2014-08-11
[41] 2016-02-11

[21] **2,858,943**
[13] A1

[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/40 (2006.01)**
[25] EN
[54] **ADJUSTABLE WIDTH ROLLER BLIND**
[54] **STORE ENROULEUR A LARGEUR REGLABLE**
[72] UNKNOWN, ZZ
[71] PHAM, TRUNG, CA
[22] 2014-08-08
[41] 2016-02-08

[21] **2,858,953**
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 23/08 (2006.01)**
[25] EN
[54] **PROFILE SELECTIVE SYSTEM FOR DOWNHOLE TOOLS**
[54] **SYSTEME DE PROFIL SELECTIF POUR OUTIL DE FOND DE Puits**
[72] CAMPBELL, SEAN PATRICK, CA
[72] FIRMANIUK, DARRYL, CA
[72] SIHLIS, LENNARD, CA
[71] SURETECH COMPLETIONS CANADA LTD., CA
[71] STONECREEK TECHNOLOGIES INC., LU
[22] 2014-08-12
[41] 2016-02-07
[30] US (14/454,508) 2014-08-07

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[21] **2,859,097**
[13] A1

[51] **Int.Cl. B61H 11/02 (2006.01) B61H 7/00 (2006.01) B61H 13/00 (2006.01) B66C 9/18 (2006.01) F16D 63/00 (2006.01)**

[25] EN

[54] **WIND ACTIVATED BRAKE SHOE ASSEMBLY FOR RAIL CLAMPS AND PUSH DOWN RAIL BRAKES**

[54] **ASSEMBLAGE DE PATIN DE FREIN ACTIVE AU VENT POUR PINCES A RAIL ET FREINS SUR RAIL A POUSSEE VERS LE BAS**

[72] UNKNOWN, ZZ

[71] MINTCHEV, DIMITRE, CA

[22] 2014-08-11

[41] 2016-02-11

[21] **2,859,103**
[13] A1

[51] **Int.Cl. B65G 7/12 (2006.01) B66F 19/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR SECURING AND CARRYING WHITE GOODS AND FURNITURE**

[54] **APPAREIL DESTINE A SECURISER ET TRANSPORTER DES BIENS ET DES MEUBLES BLANCS**

[72] LEWIS, WARREN C., CA

[71] LEWIS, WARREN C., CA

[22] 2014-08-12

[41] 2016-02-12

[21] **2,859,187**
[13] A1

[51] **Int.Cl. A43B 3/30 (2006.01) A43B 3/00 (2006.01) A43B 11/00 (2006.01)**

[25] EN

[54] **SHOE ORIENTATION SYSTEM**

[54] **DISPOSITIF D'ORIENTATION DE CHAUSSURE**

[72] FANSHER, FRAN, CA

[71] FANSHER, FRAN, CA

[22] 2014-08-13

[41] 2016-02-13

[21] **2,859,192**
[13] A1

[51] **Int.Cl. C07C 41/01 (2006.01) B01J 23/80 (2006.01) B01J 37/08 (2006.01) C07C 41/09 (2006.01) C07C 43/04 (2006.01)**

[25] EN

[54] **CATALYST AND METHOD FOR THE DIRECT SYNTHESIS OF DIMETHYL ETHER FROM SYNTHESIS GAS**

[54] **CATALYSEUR ET PROCEDE DE SYNTHESE DIRECTE D'ETHER DIMETHYLIQUE A PARTIR DE GAZ DE SYNTHESE**

[72] SCHAFFER, ALEXANDER, DE

[72] MADON, ROSTAM JAL, DE

[72] VON FEHREN, THORSTEN, DE

[72] KAISER, KLAUS, DE

[71] BASF CORPORATION, US

[22] 2014-08-13

[41] 2016-02-13

[21] **2,859,228**
[13] A1

[51] **Int.Cl. G01F 13/00 (2006.01) E21B 41/00 (2006.01)**

[25] EN

[54] **FLUID METERING DEVICE**

[54] **DISPOSITIF DE DEBITMETRE**

[72] MOORE, DAVID, CA

[71] GRENADE TRANSPORT LTD., CA

[22] 2014-08-12

[41] 2016-02-12

[21] **2,859,250**
[13] A1

[51] **Int.Cl. F04D 13/10 (2006.01) F04D 1/06 (2006.01) F04D 5/00 (2006.01)**

[25] EN

[54] **PROGRESSIVE VORTEX PUMP**

[54] **POMPE A CANAUX PROGRESSIVE**

[72] GEREMIA, SILVINO, BR

[71] HIGRA INDUSTRIAL LTDA., BR

[22] 2014-08-12

[41] 2016-02-12

[21] **2,859,258**
[13] A1

[51] **Int.Cl. B64C 27/28 (2006.01) B64C 27/20 (2006.01) B64C 29/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR PROVIDING HIGH LIFT AT ZERO SPEED AND LOW DRAG AT HIGHER SPEED**

[54] **APPAREIL ET METHODE PERMETTANT UN SOULEVEMENT ELEVE A VITESSE NULLE ET UNE FAIBLE TRAINEE A VITESSE ELEVEE**

[72] STAN, DUSAN MILIVOI, CA

[71] STAN, DUSAN MILIVOI, CA

[22] 2014-08-11

[41] 2016-02-11

[21] **2,859,260**
[13] A1

[51] **Int.Cl. E21F 13/00 (2006.01)**

[25] EN

[54] **Z-LINK UNDERGROUND CHUTE LOADING MECHANISM THEREFOR**

[54] **MECANISME DE CHARGEMENT DE DECHARGE SOUTERRAINE A LIEN EN Z**

[72] KARNS, RYAN O., CA

[71] KARNS, RYAN O., CA

[22] 2014-08-13

[41] 2016-02-13

[21] **2,859,345**
[13] A1

[51] **Int.Cl. G02B 6/36 (2006.01) G02B 27/62 (2006.01)**

[25] EN

[54] **OPTICAL CONNECTOR SUITABLE FOR FIELD ASSEMBLY**

[54] **CONNECTEUR OPTIQUE CONVENANT A UN ASSEMBLAGE SUR PLACE**

[72] WARE, BRENT, US

[71] ROLLING RIVER, LLC DBA AMHERST PHOTONICS, US

[22] 2014-08-14

[41] 2016-02-13

[30] US (14/458,992) 2014-08-13

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[21] **2,859,902**
 [13] A1

[51] **Int.Cl. B63C 9/04 (2006.01) B63B 7/08 (2006.01) B63B 23/62 (2006.01)**
 [25] EN
 [54] **INFLATABLE LIFE RAFT ASSEMBLY**
 [54] **RADEAU DE SAUVETAGE GONFLABLE**
 [72] FALETRA, TROY, US
 [71] FALETRA, TROY, US
 [22] 2014-08-18
 [41] 2016-02-12
 [30] US (14/457,928) 2014-08-12

[21] **2,860,135**
 [13] A1

[51] **Int.Cl. F21V 29/60 (2015.01) F21V 15/01 (2006.01)**
 [25] EN
 [54] **VENTED INDUCTION LAMP**
 [54] **LAMPE A INDUCTION AEREE**
 [72] KOCHSIEK, RY, US
 [72] KOCHSIEK, WESTON, US
 [72] SLAYTON, DONALD, US
 [71] HOOKED ON PONICS LLC, US
 [22] 2014-08-08
 [41] 2016-02-08
 [30] US (14/455,638) 2014-08-08

[21] **2,863,092**
 [13] A1

[51] **Int.Cl. G08B 21/24 (2006.01) H04B 1/59 (2006.01) H04W 88/02 (2009.01) G01S 19/16 (2010.01)**
 [25] EN
 [54] **ARTICLE ANTI-LOST DEVICE AND METHOD**
 [54] **DISPOSITIF ANTI-PERTE D'ARTICLE ET METHODE**
 [72] LIN, CHAO-HUNG, TW
 [71] LIN, CHAO-HUNG, TW
 [22] 2014-09-10
 [41] 2016-02-11
 [30] TW (103127475) 2014-08-11

[21] **2,869,555**
 [13] A1

[51] **Int.Cl. A63F 9/02 (2006.01)**
 [25] EN
 [54] **SYSTEM AND METHOD FOR PLAYING A GAME**
 [54] **SYSTEME ET METHODE DE JEU**
 [72] MEDWAY, BRETT, CA
 [71] MEDWAY, BRETT, CA
 [22] 2014-10-29
 [41] 2016-02-13
 [30] US (14458500) 2014-08-13

[21] **2,870,242**
 [13] A1

[51] **Int.Cl. A63B 59/70 (2015.01)**
 [25] EN
 [54] **TWO-PART HOCKEY STICK**
 [54] **BATON DE HOCKEY A DEUX PARTIES**
 [72] DOWNING, TRAVIS, US
 [72] ALLARD, ERIC, CA
 [72] SOLA, MATTHIEU, CA
 [72] CHAMPAGNE, ETIENNE, CA
 [72] ZOU, COLIN, CA
 [71] SPORT MASKA INC., CA
 [22] 2014-11-07
 [41] 2016-02-08
 [30] US (14/455,415) 2014-08-08

[21] **2,884,612**
 [13] A1

[51] **Int.Cl. E06B 7/14 (2006.01)**
 [25] EN
 [54] **WATER-STOPPING MEMBER AND OUTER WALL STRUCTURE**
 [54] **ELEMENT D'ETANCHEISATION ET STRUCTURE DE MUR EXTERIEUR**
 [72] WATANABE, HIROAKI, JP
 [71] NICHIIHA CORPORATION, JP
 [22] 2015-03-11
 [41] 2016-02-08
 [30] JP (JP2014-163001) 2014-08-08

[21] **2,884,614**
 [13] A1

[51] **Int.Cl. E04F 13/21 (2006.01)**
 [25] EN
 [54] **OUTER WALL MOUNTING MEMBER AND OUTER WALL STRUCTURE**
 [54] **ELEMENT D'INSTALLATION DE MUR EXTERIEUR ET STRUCTURE DE MUR EXTERIEUR**
 [72] SAWADA, KOJI, JP
 [71] NICHIIHA CORPORATION, JP
 [22] 2015-03-11
 [41] 2016-02-08
 [30] JP (JP2014-162988) 2014-08-08

[21] **2,886,463**
 [13] A1

[51] **Int.Cl. E06B 3/50 (2006.01)**
 [25] EN
 [54] **PIVOT-SLIDE DOORS AND WINDOWS**
 [54] **PORTES ET FENETRES A PIVOT ET COULISSE**
 [72] GENG, BIN, CA
 [71] GENG, BIN, CA
 [22] 2015-03-26
 [41] 2016-02-08
 [30] US (14454896) 2014-08-08

[21] **2,887,467**
 [13] A1

[51] **Int.Cl. F16M 7/00 (2006.01) H02S 20/00 (2014.01) E04H 17/20 (2006.01) F16B 9/00 (2006.01) F16M 11/04 (2006.01) F24J 2/52 (2006.01)**
 [25] EN
 [54] **ADJUSTABLE COUPLING AND SYSTEM FOR SOLAR PANEL SUPPORT**
 [54] **RACCORD REGLABLE ET MECANISME DESTINES A UN SUPPORT DE PANNEAU SOLAIRE**
 [72] NAYAR, MANISH, CA
 [71] NAYAR, MANISH, CA
 [22] 2015-04-13
 [41] 2016-02-11
 [30] US (62/035,699) 2014-08-11

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[21] **2,890,882**
 [13] A1

[51] **Int.Cl. G02B 1/10 (2015.01) G02B 1/04 (2006.01) G02B 3/00 (2006.01) G02B 5/30 (2006.01) G02F 1/17 (2006.01)**

[25] EN

[54] **TINTED POLARIZED LENSES HAVING SELECTIVE FREQUENCY FILTERING**

[54] **VERRES POLARISANTS TEINTES A FILTRAGE SELECTIF DE FREQUENCE**

[72] CARLSON, ERIC, US
 [72] MACGUFFIE, SCOTT, US
 [71] SMITH OPTICS, INC., US
 [22] 2015-05-08
 [41] 2016-02-08
 [30] US (14/455,494) 2014-08-08

[21] **2,891,765**
 [13] A1

[51] **Int.Cl. B62H 7/00 (2006.01) B62J 99/00 (2009.01) B62K 17/00 (2006.01) B62K 25/04 (2006.01) G01L 1/18 (2006.01) H03K 17/95 (2006.01)**

[25] EN

[54] **APPARATUS FOR DETECTING RIDING POSTURE**

[54] **APPAREIL DE DETECTION DE POSITION DE CONDUITE**

[72] LIN, CHUNG-WEI, TW
 [72] CHEN, MIN-CHANG, TW
 [71] GIANT MANUFACTURING CO., LTD., TW
 [22] 2015-05-19
 [41] 2016-02-13
 [30] TW (103127773) 2014-08-13

[21] **2,892,109**
 [13] A1

[51] **Int.Cl. F02C 7/28 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F16C 33/80 (2006.01) F16J 15/447 (2006.01)**

[25] EN

[54] **SEAL ASSEMBLY FOR A BEARING ASSEMBLY IN A GAS TURBINE ENGINE**

[54] **DISPOSITIF DE JOINT POUR UN MECANISME DE PALIER DANS UNE TURBINE A GAZ**

[72] DESJARDINS, MICHEL, CA
 [71] PRATT & WHITNEY CANADA CORP., CA
 [22] 2015-05-20
 [41] 2016-02-07
 [30] US (14/454,064) 2014-08-07

[21] **2,892,162**
 [13] A1

[51] **Int.Cl. F01D 11/08 (2006.01) F01D 9/04 (2006.01) F01D 11/14 (2006.01)**

[25] EN

[54] **COMPRESSOR CASING**

[54] **ENVELOPPE DE COMPRESSEUR**

[72] VO, HUU DUC, CA
 [72] CEVIK, MERT, CA
 [72] ERLER, ENGIN, CA
 [71] CORPORATION DE L'ECOLE POLYTECHNIQUE DE MONTREAL, CA
 [22] 2015-05-20
 [41] 2016-02-08
 [30] US (62/034,965) 2014-08-08
 [30] US (14/541,706) 2014-11-14

[21] **2,892,727**
 [13] A1

[51] **Int.Cl. G01D 5/24 (2006.01) H02J 50/05 (2016.01) B64D 37/02 (2006.01) B64D 47/00 (2006.01) H01Q 13/12 (2006.01) H04B 7/24 (2006.01)**

[25] EN

[54] **WIRELESS FUEL SENSOR SYSTEM**

[54] **DETECTEUR DE CARBURANT SANS FIL**

[72] ZHANG, HENRY Z., US
 [72] ROBB, ANDREW M., US
 [72] BOMMER, JASON P., US
 [72] BOSTWICK, RICHARD N., US
 [71] THE BOEING COMPANY, US
 [22] 2015-05-26
 [41] 2016-02-07
 [30] US (14/453,876) 2014-08-07

[21] **2,893,206**
 [13] A1

[51] **Int.Cl. H01H 71/52 (2006.01)**

[25] EN

[54] **CIRCUIT BREAKERS WITH HANDLE BEARING PINS**

[54] **DISJONCTEURS DOTES DE TIGES PORTEUSES A POIGNEE**

[72] MALONEY, JAMES GERARD, US
 [72] GATES, DANIEL QUENTIN, US
 [71] EATON CORPORATION, US
 [22] 2015-06-02
 [41] 2016-02-13
 [30] US (14/459,013) 2014-08-13

[21] **2,893,228**
 [13] A1

[51] **Int.Cl. H01H 71/52 (2006.01)**

[25] EN

[54] **CIRCUIT BREAKERS WITH HANDLE BEARING SLEEVES**

[54] **DISJONCTEURS DOTES DE MANCHONS PORTEURS A POIGNEE**

[72] MALONEY, JAMES GERARD, US
 [72] GATES, DANIEL QUENTIN, US
 [71] EATON CORPORATION, US
 [22] 2015-06-02
 [41] 2016-02-13
 [30] US (14/458,954) 2014-08-13

[21] **2,893,978**
 [13] A1

[51] **Int.Cl. H02K 3/28 (2006.01) H02K 15/04 (2006.01)**

[25] EN

[54] **NEUTRAL RING FOR USE IN ROTATING ELECTRICAL MACHINE AND METHOD FOR MANUFACTURING THE SAME**

[54] **BAGUE NEUTRE SERVANT DANS UNE MACHINE ELECTRIQUE ROTATIVE ET METHODE DE FABRICATION ASSOCIEE**

[72] HAYASAKA, YASUSHI, JP
 [72] MATSUMOTO, MASANORI, JP
 [72] OTSUKI, YASUNORI, JP
 [72] FUJIGAKI, TETSUO, JP
 [72] YASUI, YOSHIHIRO, JP
 [72] IIZUKA, MOTONOBU, JP
 [72] ENDOU, MASAOKI, JP
 [72] FUKUNAGA, ATSUSHI, JP
 [72] NAKAYAMA, TAKESHI, JP
 [71] HITACHI, LTD., JP
 [22] 2015-06-04
 [41] 2016-02-08
 [30] JP (2014-162022) 2014-08-08

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[21] **2,894,343**
[13] A1

[51] **Int.Cl. B29C 70/70 (2006.01) B60K 15/07 (2006.01) B64D 45/02 (2006.01) F16B 33/00 (2006.01)**

[25] EN
[54] **APPARATUS AND METHODS FOR SEAL CAP INSTALLATION**
[54] **APPAREILS ET METHODES D'INSTALLATION DE CAPUCHON ETANCHE**

[72] BURGESS, ROBERT MARSHALL, US
[72] CHANEY, MATTHEW G., US
[71] THE BOEING COMPANY, US
[22] 2015-06-15
[41] 2016-02-12
[30] US (14/457,858) 2014-08-12

[21] **2,894,358**
[13] A1

[51] **Int.Cl. A47L 9/12 (2006.01)**

[25] EN
[54] **LOW PROFILE FILTER FOR VACUUM CLEANERS**
[54] **FILTRE A PROFIL BAS POUR ASPIRATEURS**

[72] SCHULTZ, DOUGLAS, US
[71] EMERSON ELECTRIC CO., US
[22] 2015-06-16
[41] 2016-02-08
[30] US (14/454,758) 2014-08-08

[21] **2,896,080**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 12/02 (2006.01) G06F 17/30 (2006.01)**

[25] EN
[54] **INTERFACING WITH REMOTE CONTENT MANAGEMENT SYSTEMS**
[54] **INTERFACE DESTINEE A DES SYSTEMES ELOIGNES DE GESTION DE CONTENU**

[72] CASSIDY, JASON WILLIAM DAVID, CA
[71] SHINYDOCS CORPORATION, CA
[22] 2015-07-02
[41] 2016-02-13
[30] US (14/458667) 2014-08-13

[21] **2,896,576**
[13] A1

[51] **Int.Cl. G06F 13/20 (2006.01) G06F 3/06 (2006.01) G06F 12/00 (2006.01) G06F 13/38 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR SEQUENTIAL STREAM I/O PROCESSING**
[54] **METHODE ET APPAREIL DESTINES AU TRAITEMENT DE FLUX SEQUENTIELS ENTRANT ET SORTANT**

[72] TRAUT, ZACHARY DAVID, US
[72] BARRELL, MICHAEL DAVID, US
[71] DOT HILL SYSTEMS CORPORATION, US
[22] 2015-07-10
[41] 2016-02-11
[30] US (14/456,328) 2014-08-11

[21] **2,896,585**
[13] A1

[51] **Int.Cl. G06F 12/00 (2006.01) G06F 3/06 (2006.01)**

[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING ASYNCHRONOUS STREAMS**
[54] **METHODE ET APPAREIL DE TRAITEMENT DE FLUX ASYNCHRONES**

[72] BARRELL, MICHAEL DAVID, US
[72] TRAUT, ZACHARY DAVID, US
[71] DOT HILL SYSTEMS CORPORATION, US
[22] 2015-07-10
[41] 2016-02-11
[30] US (14/456,328) 2014-08-11
[30] US (62/079,674) 2014-11-14
[30] US (14/628,839) 2015-02-23
[30] US (62/079,679) 2014-11-14
[30] US (14/628,882) 2015-02-23

[21] **2,897,043**
[13] A1

[51] **Int.Cl. G01V 8/02 (2006.01) E21C 39/00 (2006.01) G01S 17/48 (2006.01)**

[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING AN ASSESSMENT OF A MINE FACE**
[54] **METHODE ET SYSTEME D'EXECUTION D'UNE EVALUATION D'UN FRONT D'ATTAQUE**

[72] STANCLIFFE, RUSSELL WARREN, CA
[72] RADOVANOVIC, ROBERT, CA
[71] SUNCOR ENERGY INC., CA
[22] 2015-07-13
[41] 2016-02-07
[30] US (62/034,729) 2014-08-07

[21] **2,897,253**
[13] A1

[51] **Int.Cl. G01M 15/00 (2006.01) B64D 15/20 (2006.01) G01W 1/06 (2006.01)**

[25] EN
[54] **ICE CRYSTAL ICING ENGINE EVENT PROBABILITY ESTIMATION APPARATUS, SYSTEM, AND METHOD**
[54] **APPAREIL, SYSTEME ET METHODE D'ESTIMATION DE LA MOTEUR**

[72] GRZYCH, MATTHEW L., US
[72] MASON, JEANNE G., US
[72] PATNOE, MICHAEL, US
[71] THE BOEING COMPANY, US
[22] 2015-07-13
[41] 2016-02-07
[30] US (14/454,368) 2014-08-07

[21] **2,897,255**
[13] A1

[51] **Int.Cl. G01N 3/02 (2006.01) B32B 5/12 (2006.01) B32B 38/10 (2006.01) G01N 3/62 (2006.01)**

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[54] **COMPOSITE TEST SPECIMEN SPECIMEN DE TEST COMPOSITE**
[72] ESPOSITO, JACK J., US
[72] DUSTIN, JOSHUA S., US
[71] THE BOEING COMPANY, US
[22] 2015-07-13
[41] 2016-02-13
[30] US (14/458,961) 2014-08-13

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[21] **2,897,377**
[13] A1

[51] **Int.Cl. F23R 3/02 (2006.01) F01D 25/08 (2006.01) F02C 7/12 (2006.01) F02C 7/24 (2006.01) F23R 3/42 (2006.01)**

[25] EN
[54] **COMBUSTOR HEAT SHIELD**
[54] **BOUCLIER THERMIQUE DE COMBUSTOR**

[72] SREEKANTH, SRI, CA
[72] PAPPLE, MICHAEL, CA
[72] SZE, ROBERT, CA
[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2015-07-14
[41] 2016-02-08
[30] US (14/455,159) 2014-08-08

[21] **2,897,387**
[13] A1

[51] **Int.Cl. B64D 13/00 (2006.01) F24F 7/06 (2006.01)**

[25] EN
[54] **SPLIT VENTILATION SYSTEM**
[54] **MECANISME DE VENTILATION DIVISE**

[72] NG, CASEY Y. K., US
[72] LAVOY, GREGG G., US
[71] THE BOEING COMPANY, US

[22] 2015-07-14
[41] 2016-02-12
[30] US (14/457,178) 2014-08-12

[21] **2,897,413**
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/00 (2006.01)**

[25] EN
[54] **CLOSING SYSTEM FOR AN AGRICULTURAL IMPLEMENT**
[54] **DISPOSITIF DE FERMETURE POUR UNE MACHINE AGRICOLE**

[72] RAETZMAN, RYAN R., US
[72] ANDERSON, BRIAN JOHN, US
[72] DIENST, JOHNATHON R., US
[71] CNH INDUSTRIAL AMERICA LLC, US

[22] 2015-07-16
[41] 2016-02-07
[30] US (14/454,551) 2014-08-07

[21] **2,897,544**
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/16 (2006.01)**

[25] EN
[54] **MULTIPLE SEED-TYPE SEED METER**
[54] **DOSEUR DE SEMENCES POUR DISTRIBUTEUR DE SEMENCES DE TYPES DIFFERENTS**

[72] WENDTE, KEITH W., US
[72] ADAMS, BRIAN T., US
[71] CNH INDUSTRIAL AMERICA LLC, US

[22] 2015-07-16
[41] 2016-02-11
[30] US (14/456,788) 2014-08-11

[21] **2,897,588**
[13] A1

[51] **Int.Cl. F23R 3/00 (2006.01) F02C 7/24 (2006.01) F02C 7/28 (2006.01) F23R 3/50 (2006.01) F23R 3/60 (2006.01)**

[25] EN
[54] **COMBUSTOR HEAT SHIELD SEALING**
[54] **JOINT DE BOUCLIER THERMIQUE DE COMBUSTOR**

[72] HAYEK, DANIEL, CA
[72] HERBORTH, JASON, CA
[72] WANG, YEN-WEN, CA
[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2015-07-16
[41] 2016-02-08
[30] US (14/455,185) 2014-08-08

[21] **2,897,593**
[13] A1

[51] **Int.Cl. A61F 2/95 (2013.01)**

[25] EN
[54] **ELECTROLYTIC DETACHMENT ELEMENTS FOR IMPLANT DELIVERY SYSTEMS**
[54] **ELEMENTS DE DETACHEMENT ELECTROLYTIQUE DESTINES A DES MECANISMES D'INSTALLATION D'IMPLANTS**

[72] MA, JIANLU, US
[72] DIVINO, VINCENT, US
[71] COVIDIEN LP, US

[22] 2015-07-17
[41] 2016-02-08
[30] US (14/454,880) 2014-08-08

[21] **2,897,596**
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/04 (2013.01) A61M 25/01 (2006.01)**

[25] EN
[54] **ELECTROLYTIC AND MECHANICAL DETACHMENT FOR IMPLANT DELIVERY SYSTEMS**
[54] **DETACHEMENT ELECTROLYTIQUE ET MECANIQUE DESTINE A DES MECANISMES D'INSTALLATION D'IMPLANTS**

[72] KADAM, MADHUR, US
[71] COVIDIEN LP, US

[22] 2015-07-17
[41] 2016-02-08
[30] US (14/454,930) 2014-08-08

[21] **2,897,704**
[13] A1

[51] **Int.Cl. B65D 51/24 (2006.01)**

[25] EN
[54] **BREAD STORAGE CONTAINER**
[54] **CONTENANT D'ENTREPOSAGE DE PAIN**

[72] GROOTE, JAN-HENDRIK DE, US
[71] DART INDUSTRIES INC., US

[22] 2015-07-17
[41] 2016-02-13
[30] US (14/458,706) 2014-08-13

[21] **2,897,782**
[13] A1

[51] **Int.Cl. B64C 25/40 (2006.01) B64C 25/42 (2006.01)**

[25] EN
[54] **LANDING GEAR DRIVE SYSTEM**
[54] **MECANISME D'ENTRAINEMENT DE TRAIN D'ATTERRISSAGE**

[72] DIDEY, ARNAUD, GB
[71] AIRBUS OPERATIONS LIMITED, GB

[22] 2015-07-17
[41] 2016-02-07
[30] GB (1414051.1) 2014-08-07

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[21] **2,897,833**
[13] A1

[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 31/164 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION COMPRISING PALMITOYLETHANOLAMIDE AND CYTIDINE-DISPHTHOSPHOCHOLINE**
[54] **UNE COMPOSITION PHARMACEUTIQUE COMPORTANT DU PALMITOYLETHANOLAMIDE ET DE LA CYTIDINE-DISPHTHOSPHOCHOLINE**
[72] DELLA VALLE, FRANCESCO, IT
[72] DELLA VALLE, MARIA FEDERICA, IT
[72] MARCOLONGO, GABRIELE, IT
[72] CUZZOCREA, SALVATORE, IT
[71] EPITECH GROUP S.R.L., IT
[22] 2015-07-21
[41] 2016-02-13
[30] IT (MI2014A001495) 2014-08-13

[21] **2,897,863**
[13] A1

[51] **Int.Cl. B66F 7/26 (2006.01) B66F 3/22 (2006.01) B66F 7/14 (2006.01) B66F 7/28 (2006.01)**
[25] EN
[54] **LOW PROFILE DROP TABLE**
[54] **ABATTANT A PROFIL BAS**
[72] KNAPP, RYAN W., US
[71] THE MACTON CORPORATION, US
[22] 2015-07-15
[41] 2016-02-07
[30] US (14/454,318) 2014-08-07

[21] **2,898,377**
[13] A1

[51] **Int.Cl. G01D 18/00 (2006.01) G01D 3/06 (2006.01) H03H 7/00 (2006.01)**
[25] EN
[54] **SENSOR INTERFACE CIRCUITS**
[54] **CIRCUITS D'INTERFACE DE DETECTEUR**
[72] DURKEE, SCOTT R., US
[72] ABBOTT, MICHAEL, US
[72] POISSON, RICHARD A., US
[72] HESS, GARY L., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[71] HAMILTON SUNDRAND CORPORATION, US
[22] 2015-07-23
[41] 2016-02-12
[30] US (14/457,954) 2014-08-12

[21] **2,898,399**
[13] A1

[51] **Int.Cl. A01D 41/06 (2006.01) A01D 47/00 (2006.01) B62D 9/00 (2006.01) F15B 21/08 (2006.01)**
[25] EN
[54] **PRESSURE CONTROL FOR HYDRAULICALLY ACTUATED AGRICULTURAL HEADERS**
[54] **COMMANDE A PRESSION POUR ANDAINEUR ACTIONNEE HYDRAULIQUEMENT**
[72] TEACH, KYLE R., US
[72] NICHOLS, THOMAS A., US
[72] WRIGHT, WALTER C., US
[72] ROTOLE, DAVID V., US
[71] DEERE & COMPANY, US
[22] 2015-07-27
[41] 2016-02-08
[30] US (14/455,578) 2014-08-08

[21] **2,898,404**
[13] A1

[51] **Int.Cl. A01B 69/00 (2006.01) B62D 5/06 (2006.01) B62D 5/10 (2006.01)**
[25] EN
[54] **CHARGE PRESSURE CIRCUIT ARRANGEMENT FOR STEERING CONTROL FOR A VEHICLE**
[54] **DISPOSITION DE CIRCUIT A PRESSION DE PRECHARGE SERVANT A COMMANDER LA DIRECTION D'UN VEHICULE**
[72] NICHOLS, THOMAS A., US
[72] BEBERNES, THOMAS D., US
[72] ROTOLE, DAVID V., US
[72] TEACH, KYLE R., US
[71] DEERE & COMPANY, US
[22] 2015-07-27
[41] 2016-02-08
[30] US (14/455,734) 2014-08-08

[21] **2,898,407**
[13] A1

[51] **Int.Cl. A01B 69/00 (2006.01) B62D 15/00 (2006.01)**
[25] EN
[54] **AUTOMATED RE-CENTERING OF STEERING SYSTEM**
[54] **RECENTRAGE AUTOMATISE D'UN MECANISME DE DIRECTION**
[72] BEBERNES, THOMAS D., US
[72] POTTER, BENJAMIN C., US
[71] DEERE & COMPANY, US
[22] 2015-07-27
[41] 2016-02-08
[30] US (14/455,746) 2014-08-08

[21] **2,898,487**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01) A61F 2/06 (2013.01)**
[25] EN
[54] **EMBOLIC COIL DELIVERY SYSTEM WITH RETRACTABLE MECHANICAL RELEASE MECHANISM**
[54] **DISPOSITIF DE MISE EN PLACE D'UNE SPIRE METALLIQUE POUR EMBOLISATION AVEC MECANISME DE LIBERATION MECANIQUE RETRACTABLE**
[72] LORENZO, JUAN, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[22] 2015-07-27
[41] 2016-02-08
[30] US (14/454,773) 2014-08-08

[21] **2,898,738**
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR-BLADE EXTENSION BODY, AND WIND TURBINE**
[54] **CORPS D'EXTENSION D'AUBE DE ROTOR, ET EOLIENNE**
[72] ERBSLOH, SASCHA, DE
[72] KORJAHN, CHRISTOPH MATTHIAS, DE
[72] TREDE, ALF, DE
[71] SENVION GMBH, DE
[22] 2015-07-29
[41] 2016-02-12
[30] DE (10 2014 215 966.0) 2014-08-12

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[21] **2,898,934**
[13] A1

[51] **Int.Cl. H02M 7/797 (2006.01) H02M 1/32 (2007.01)**

[25] EN

[54] **MODULAR MULTI-LEVEL POWER CONVERSION SYSTEM WITH DC FAULT CURRENT LIMITING CAPABILITY**

[54] **DISPOSITIF DE CONVERSION D'ENERGIE MULTINIVEAU MODULAIRE DOTE D'UNE CAPACITE DE LIMITATION DE COURANT DE DEFAUT C. C.**

[72] RAJU, RAVISEKHAR NADIMPALLI, US

[72] GARCES, LUIS JOSE, US

[72] GUPTA, RANJAN KUMAR, US

[72] ZHANG, DI, US

[72] ROCKHILL, ANDREW ALLEN, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2015-07-30

[41] 2016-02-07

[30] US (14/453,637) 2014-08-07

[21] **2,898,935**
[13] A1

[51] **Int.Cl. G01R 19/00 (2006.01) G01R 22/00 (2006.01)**

[25] EN

[54] **SENSOR DEVICES AND METHODS FOR USE IN SENSING CURRENT THROUGH A CONDUCTOR**

[54] **DISPOSITIFS DE DETECTION ET METHODES D'UTILISATION VISANT LA DETECTION DE COURANT DANS UN CONDUCTEUR**

[72] BIETZ, STEVEN LEE, US

[72] CHAMARTI, SUBRAMANYAM SATYASURYA, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2015-07-30

[41] 2016-02-08

[30] US (14/454,861) 2014-08-08

[21] **2,898,936**
[13] A1

[51] **Int.Cl. H02M 7/483 (2007.01) H02M 7/537 (2006.01)**

[25] EN

[54] **MULTILEVEL CONVERTER**

[54] **CONVERTISSEUR MULTINIVEAU**

[72] XU, YONG, CN

[72] ZHANG, FAN, CN

[72] SCHROEDER, STEFAN, DE

[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD., GB

[22] 2015-07-30

[41] 2016-02-11

[30] CN (201410392191.0) 2014-08-11

[21] **2,899,060**
[13] A1

[51] **Int.Cl. C08J 3/05 (2006.01) C09D 5/02 (2006.01)**

[25] EN

[54] **COMPOSITION COMPRISING A LATEX AND A HEUR THICKENER**

[54] **COMPOSITION RENFERMANT UN LATEX ET UN EPAISSISSEUR HEUR**

[72] BROWNELL, ARNOLD S., US

[72] TIWARY, YOGESH, US

[71] ROHM AND HAAS COMPANY, US

[22] 2015-07-27

[41] 2016-02-08

[30] US (62/034824) 2014-08-08

[21] **2,899,096**
[13] A1

[51] **Int.Cl. A61M 25/01 (2006.01) A61M 25/09 (2006.01) A61M 29/00 (2006.01)**

[25] EN

[54] **STEP FEATURE FOR STEERABLE GUIDEWIRES**

[54] **CARACTERISTIQUE D'INCREMENT POUR GUIDES-FILS ORIENTABLES**

[72] LORENZO, JUAN, US

[71] DEPUY SYNTHES PRODUCTS, INC., US

[22] 2015-07-30

[41] 2016-02-08

[30] US (14/454,780) 2014-08-08

[21] **2,899,219**
[13] A1

[51] **Int.Cl. A61B 5/18 (2006.01) B60K 28/06 (2006.01)**

[25] EN

[54] **COMPUTER-READABLE RECORDING MEDIUM AND AROUSAL-LEVEL DETERMINING APPARATUS**

[54] **SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR ET APPAREIL DE DETERMINATION DE NIVEAU D'EXCITATION**

[72] NAKANO, YASUHIKO, JP

[72] SANO, SATOSHI, JP

[71] FUJITSU LIMITED, JP

[22] 2015-07-31

[41] 2016-02-07

[30] JP (2014-161920) 2014-08-07

[21] **2,899,304**
[13] A1

[51] **Int.Cl. B29C 39/00 (2006.01) B29D 99/00 (2010.01) A63B 59/20 (2015.01)**

[25] EN

[54] **LACROSSE HEAD POCKET AND RELATED METHOD OF MANUFACTURE**

[54] **POCHETTE DE TETE DE BATON DE CROSSE ET METHODE DE FABRICATION CONNEXE**

[72] MORROW, DAVID K., US

[72] HUFFA, BRUCE, US

[72] BURNS, THOMAS H., US

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[72] SLATER, SEAN J., US

[72] KOHLER, DALE W., US

[72] HERMAN, CRAIG M., US

[72] PAQUETTE, ADAM D., US

[71] WARRIOR SPORTS, INC., US

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 [54] **TUBULAR CHOKED WAVEGUIDE APPLICATOR**
 [54] **APPLICATEUR DE GUIDE D'ONDE A ETRANGLEMENT TUBULAIRE**
 [72] WILBER, WILLIAM D., US
 [72] SHUPING, DONALD B., US
 [71] INDUSTRIAL MICROWAVE SYSTEMS, L.L.C., US
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 [54] **SYSTEM AND METHOD FOR FREQUENCY DRIFT COMPENSATION FOR A DIELECTRIC RESONATOR OSCILLATOR**
 [54] **DISPOSITIF ET METHODE DE COMPENSATION DE DERIVE DE FREQUENCE POUR UN OSCILLATEUR RESONATEUR DIELECTRIQUE**
 [72] MA, FU, US
 [71] HONEYWELL INTERNATIONAL INC., US
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 [54] **COLLAPSIBLE WATERCRAFT ASSEMBLY**
 [54] **EMBARCATION ECRASABLE**
 [72] FULOP, JOSEPH W., CA
 [72] FULOP, ANTHONY, CA
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 [54] **TELESCOPIC HANDLING DEVICE COMPRISING AT LEAST TWO ELEMENTS MOUNTED SO AS TO SLIDE RELATIVE TO ONE ANOTHER**
 [54] **DISPOSITIF DE MANIPULATION TELESCOPIQUE COMPORTANT AU MOINS DEUX ELEMENTS INSTALLES DE SORTE A COULISSER L'UN PAR RAPPORT A L'AUTRE**
 [72] ROBERT, JEAN-MICHEL, FR
 [71] MANITOU BF, FR
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 [25] EN
 [54] **EXTRUDED PROFILE FOR A FITTED PANEL AND FITTED PANEL COMPRISING SAID PROFILE**
 [54] **PROFIL EXTRUDE POUR UN PANNEAU ADAPTE ET PANNEAU ADAPTE COMPORTANT LEDIT PROFIL**
 [72] MOLteni, PIERO, IT
 [71] UNIFOR S.P.A., IT
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 [25] EN
 [54] **HYDROGEN PRODUCTION SYSTEM AND METHOD FOR PRODUCING HYDROGEN**
 [54] **MECANISME DE PRODUCTION D'HYDROGENE ET METHODE DE PRODUCTION D'HYDROGENE**
 [72] KOMAI, MASAFUMI, JP
 [72] YAMADA, MASAHIKO, JP
 [72] KAMEDA, TSUNEJI, JP
 [72] KAWAJIRI, YUKO, JP
 [72] FUJIWARA, SEIJI, JP
 [72] WATANABE, HISAO, JP
 [72] YAMAUCHI, HIROYUKI, JP
 [72] TAKAGI, YASUO, JP
 [71] KABUSHIKI KAISHA TOSHIBA, JP
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 [72] WINDENBERGER, LAURENT, FR
 [71] A L T PARTNERS, FR
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 [54] **HANDLE FOR A DOOR OR WINDOW WITH TWO OR THREE POINT LATCH**
 [54] **POIGNEE DE PORTE OU DE FENETRE DOTEE D'UN VERROU EN DEUX OU TROIS POINTS**
 [72] SCARCELLA, PAOLO, IT
 [71] OPACMARE S.R.L., IT
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 [54] **BICYCLE WHEEL**
 [54] **ROUE DE BICYCLETTE**
 [72] CHEN, I-TEH, CN
 [72] HSU, CHE-WEI, CN
 [72] SU, HUI-YUAN, CN
 [71] GIANT MANUFACTURING CO., LTD., TW
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 [25] EN
 [54] **SYSTEM AND METHOD FOR IMPROVING LIFT CYLINDER BUCKLING RESISTANCE**
 [54] **MECANISME ET METHODE PERMETTANT D'AMELIORER LA CONTRAINTE DE FLAMBEMENT D'UN CYLINDRE DE LEVAGE**
 [72] GONCALVES, FERNANDO D., US
 [72] DOAK, WILLIAM, US
 [72] FINNEGAN, PAUL F., US
 [71] THE RAYMOND CORPORATION, US
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 [54] **AUDITING SYSTEM WITH HISTORIC SALE DEVIATION DATABASE**
 [54] **SYSTEME DE VERIFICATION COMPORTANT UNE BASE DE DONNEES HISTORIQUES DE DEVIATION DES VENTES**
 [72] PASQUINI, ILARIA, FR
 [72] COGNET, SIMON, FR
 [72] SANDAMIANI, ANAIS, FR
 [72] LEFOUILI, MEHDI, US
 [72] ARAGONE, MATTEO, IT
 [71] AMADEUS S.A.S., FR
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 [54] **TRI DE BOIS VERT**
 [72] STANISH, MARK A., US
 [71] WEYERHAEUSER NR COMPANY, US
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 [54] **RALLONGE DE FILTRE DE SAC**
 [72] KRAUSE, MICHAEL T., US
 [72] GORMAN, JOSEPH J., US
 [72] RUMPLER, THOMAS ALAN, US
 [71] CAMFIL USA, INC., US
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 [54] **BRA INCORPORATING SHAPE MEMORY POLYMERS AND METHOD OF MANUFACTURE THEREOF**
 [54] **SOUTIEN-GORGE INTEGRANT DES POLYMERES A MEMOIRE DE FORME ET METHODE DE FABRICATION ASSOCIEE**
 [72] RANDALL, TRACEY, US
 [72] MUHLENFELD, STEPHANIE KRISTIN, US
 [72] HAYASHI, SHUNICHI, JP
 [72] VANSIA, MAYUR, US
 [71] MAST INDUSTRIES (FAR EAST) LIMITED, HK
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 [30] US (62/036,723) 2014-08-13
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 [25] EN
 [54] **COMBUSTOR SLIDING JOINT TO PREVENT IGNITER/AXIAL RETAINING PINS FRETTING**
 [54] **JOINT COULISSANT DE COMBUSTOR SERVANT A EMPECHER L'USURE DE CONTACT DE TIGES DE RETENUE AXIALES D'UN DISPOSITIF D'ALLUMAGE**
 [72] STASTNY, HONZA, CA
 [72] SZE, ROBERT, CA
 [71] PRATT & WHITNEY CANADA CORP., CA
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[54] **DEPALLETISER FOR TRAYS OF EGGS**
[54] **DEPALLETISEUR POUR PLATEAUX D'OEUFES**
[72] DALLA TORRE, MARCO, IT
[71] SANOVO TECHNOLOGY ITALIA S.R.L., IT
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[25] EN
[54] **METHOD FOR MOUNTING A VORTEX GENERATOR AND MOUNTING APPARATUS FOR CARRYING OUT THE METHOD**
[54] **METHODE D'INSTALLATION D'UN GENERATEUR DE TOURBILLON ET APPAREIL D'INSTALLATION PERMETTANT DE REALISER LA METHODE**
[72] WINDBICHLER, RALPH, DE
[71] SENVIION GMBH, DE
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[25] EN
[54] **A SYSTEM AND METHOD FOR SECURITY ENHANCEMENT**
[54] **SYSTEME ET METHODE D'AMELIORATION DE LA SECURITE**
[72] GOYAL, PUNEET, IN
[72] KHANNA, NITIN, IN
[71] GOYAL, PUNEET, IN
[71] THE REGISTRAR, GRAPHIC ERA UNIVERSITY, IN
[22] 2015-08-06
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[25] EN
[54] **SYSTEM FOR DELIVERY OF FLUIDS SUCH AS AMMONIA NITROGEN 13**
[54] **MECANISME DE LIVRAISON DE LIQUIDES COMME L'AZOTE AMMONIACAL 13**
[72] BARS, EROL, US
[71] BARS, EROL, US
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[54] **CHILD-RESISTANT CLOSURE MECHANISM AND PACKAGING**
[54] **MECANISME DE FERMETURE ET EMBALLAGE SECURITE-ENFANTS**
[72] WOLOVECK, TRENT, US
[72] SCHOETTLE, JOSHUA PAUL, US
[71] HOLLISTER & BLACKSMITH, INC., US
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[54] **SELF-SEALING BUTT HINGE**
[54] **CHARNIERE AUTO-SCELLANTE**
[72] GRAMSTAD, DEREK RONALD, US
[71] TRUTH HARDWARE CORPORATION, US
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[54] **VENTILATED CIRCUIT BREAKERS, VENTILATED CIRCUIT BREAKER HOUSINGS, AND OPERATIONAL METHODS**
[54] **DISJONCTEURS AERES, LOGEMENTS DE DISJONCTEURS AERES ET METHODES FONCTIONNELLES**
[72] WATFORD, RUSSELL THOMAS, US
[71] SIEMENS INDUSTRY, INC, US
[22] 2015-08-07
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[30] US (14/456,147) 2014-08-11

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01)**
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[54] **PYRROLO[2,3-D]PYRIMIDINE DERIVATIVES**
[54] **DERIVES DE PYRROLO[2,3-D]PYRIMIDINE**
[72] COFFMAN, KAREN J., US
[72] DUERR, JAMES M., US
[72] KAILA, NEELU, US
[72] PARIKH, MIHIR D., US
[72] REESE, MATTHEW R., US
[72] SAMAD, TAREK, US
[72] SCIABOLA, SIMONE, US
[72] TUTTLE, JAMISON B., US
[72] VAZQUEZ, MICHAEL L., US
[72] VERHOEST, PATRICK ROBERT, US
[71] PFIZER INC., US
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[54] **AQUEOUS TRANSFIX BLANKET DESIGN USING SCREEN GEOMETRY**

[54] **MODELE DE COUCHE TRANSFIXIANTE AQUEUSE EMPLOYANT LA GEOMETRIE DE MAILLES**

[72] CONDELLO, ANTHONY S., US

[71] XEROX CORPORATION, US

[22] 2015-08-06

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[13] A1

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[25] EN

[54] **CONCRETE PRODUCTS LOCKING CAGE SPACER**

[54] **ESPACEUR DE CAGE BLOQUANT POUR PRODUITS DE BETON**

[72] STRABALA, DAVE, US

[72] GRIMM, CURT, US

[71] HAWKEYE CONCRETE PRODUCTS CO., US

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[30] US (62/034,405) 2014-08-07

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[54] **FABRIC ATTACHMENT SYSTEM**

[54] **DISPOSITIF DE FIXATION DE TISSU**

[72] HOUGH, JUSTIN B., US

[71] DOWCO, INC., US

[22] 2015-08-07

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[54] **INTEGRATING DATA FROM MULTIPLE DEVICES**

[54] **PROVENANT DE DONNEES DISPOSITIFS**

[72] ARAYA, SIMON, US

[72] DAVIS, TED MICHAEL, US

[72] MCKEEMAN, ROBERT STEWART, US

[71] UTILITY ASSOCIATES, INC., US

[22] 2015-08-07

[41] 2016-02-08

[30] US (62/035,292) 2014-08-08

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[13] A1

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[54] **METHOD OF VIDEO SURVEILLANCE USING CELLULAR COMMUNICATION**

[54] **METHODE DE SURVEILLANCE VIDEO EMPLOYANT LA COMMUNICATION CELLULAIRE**

[72] VOURKOUTIOTIS, ALEXANDROS JOHN, CA

[71] VOURKOUTIOTIS, ALEXANDROS JOHN, CA

[22] 2015-08-10

[41] 2016-02-11

[30] US (62035753) 2014-08-11

[21] **2,900,025**
[13] A1

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[25] EN

[54] **AN ANCHORING ASSEMBLY FOR ANCHORING A LINER OF A CURED LINING MATERIAL, A FERRULE SUITABLE FOR USE WITH THE ANCHORING ASSEMBLY, AN ANCHORING MOUNTING ASSEMBLY FURTHER COMPRISING AFERRULE HOLDER AND THE USE OF THE ANCHORING ASSEMBLY**

[54] **UN MECANISME D'ANCRAGE SERVANT A ANCRER UNE DOUBLURE D'UN MATERIAU DE DOUBLURE DURCI, UNE FERULE CONVENANT AU MECANISME D'ANCRAGE, UN DISPOSITIF D'INSTALLATION D'ANCRAGE COMPORTANT EGALEMENT UN SUPPORT DE FERULE, ET L'UTILISATION DU MECANISME D'ANCRAGE**

[72] GAROT, JEROME MICHAEL, NL

[72] GAROT, DANIELLE FRANCESCA, NL

[72] GAROT, WOUTER, NL

[71] SILICON HOLDING B.V., NL

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[30] NL (2014812) 2015-05-18

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[25] EN

[54] **ROOF ERECTION SYSTEM AND ASSEMBLY KIT**

[54] **SYSTEME D'ERECTION DE TOITURE ET TROUSSE D'ASSEMBLAGE**

[72] SMITH, DALE, CA

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[25] EN

[54] **APPARATUS FOR CHOPPING AND DISCHARGING STRAW FROM A COMBINE HARVESTER**

[54] **APPAREIL DESTINE A COUPER ET A EVACUER LA PAILLE D'UNE MOISSONNEUSE-BATTEUSE**

[72] MAYERLE, DEAN, CA

[71] MAYERLE, DEAN, CA

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[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ONLINE EVALUATION AND UNDERWRITING OF LOAN PRODUCTS**

[54] **SYSTEME ET METHODE D'EVALUATION EN LIGNE ET D'ASSURANCE DE PRODUITS DE PRET**

[72] RAESSLER, KENDALL, CA

[72] PALLISTER, GUY, CA

[71] RAESSLER, KENDALL, CA

[71] PALLISTER, GUY, CA

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[41] 2016-02-07

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[13] A1

[51] **Int.Cl. B32B 27/04 (2006.01) B32B 27/02 (2006.01) B32B 27/12 (2006.01) B32B 27/20 (2006.01) B32B 27/36 (2006.01)**

[25] EN

[54] **COMPOSITE FILM AND METHOD FOR FABRICATING SAME**

[54] **PELLICULE COMPOSITE ET METHODE DE FABRICATION ASSOCIEE**

[72] XING, PEIXIANG, US

[71] RAVEN INDUSTRIES, INC., US

[22] 2015-08-10

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[30] US (62/035,836) 2014-08-11

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[13] A1

[51] **Int.Cl. A47J 42/02 (2006.01) A47J 42/06 (2006.01) A47J 42/10 (2006.01)**

[25] EN

[54] **GRINDER FOR GRINDING COFFEE BEANS AS WELL AS COFFEE MACHINE COMPRISING SUCH A GRINDER**

[54] **MOULIN DESTINE A MOUDRE DES GRAINS DE CAFE ET MACHINE A CAFE COMPORTANT UN TEL MOULIN**

[72] SAHLI, GEORG, CH

[72] PROBST, STEPHAN, CH

[72] BUTTIKER, PHILIPP, CH

[71] JURA ELEKTROAPPARATE AG, CH

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[13] A1

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[25] EN

[54] **AUTOMATIC DUST SUPPRESSION SYSTEM AND METHOD**

[54] **SYSTEME DE SUPPRESSION AUTOMATIQUE DE LA POUSSIERE ET METHODE**

[72] KUIPER, ERIC J., US

[71] HARNISCHFEGER TECHNOLOGIES, INC., US

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[30] US (62/037,081) 2014-08-13

[21] **2,900,165**
[13] A1

[51] **Int.Cl. E04F 13/075 (2006.01) E04F 13/08 (2006.01)**

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[54] **INSULATING PANEL**

[54] **PANNEAU ISOLANT**

[72] YODER, CLARENCE, US

[72] HOLT, JOHN TIMOTHY, US

[72] BEACH, RYAN, US

[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US

[22] 2015-08-11

[41] 2016-02-13

[30] US (62/036,859) 2014-08-13

[21] **2,900,071**
[13] A1

[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/042 (2006.01)**

[25] EN

[54] **LINE OF BLOCK DETECTION**

[54] **DETECTION DE BLOC-LIGNE**

[72] BAR-TAL, MEIR, IL

[72] HOUBEN, RICHARD P. M., BE

[72] ZRIHAM, YANIV BEN, IL

[72] URMAN, ROY, IL

[72] AUERBACH, SHMUEL, IL

[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL

[22] 2015-08-10

[41] 2016-02-12

[30] US (62/036,270) 2014-08-12

[30] US (14/800,883) 2015-07-16

[21] **2,900,109**
[13] A1

[51] **Int.Cl. B65D 59/00 (2006.01) B65D 81/03 (2006.01) F16L 57/00 (2006.01)**

[25] EN

[54] **PIPE THREAD PROTECTOR WITH AN INNER TAPERED GROOVE**

[54] **PROTECTEUR DE FILETS DE TUYAU COMPORTANT UNE RAINURE CONIQUE INTERNE**

[72] DANNEFFEL, MAX, CA

[72] DANNEFFEL, JOHN, CA

[71] UNIVERSAL MOULDING CO. LTD., CA

[22] 2015-08-11

[41] 2016-02-11

[30] US (62/036,092) 2014-08-11

[21] **2,900,173**
[13] A1

[51] **Int.Cl. C23C 24/04 (2006.01)**

[25] EN

[54] **ABRADABLE COATINGS FOR GAS TURBINE ENGINE COMPONENTS**

[54] **REVETEMENTS ABRADABLES POUR COMPOSANTES DE TURBINE A GAZ**

[72] CHEUNG, KIN-LEUNG, CA

[71] PRATT & WHITNEY CANADA CORP., CA

[22] 2015-08-11

[41] 2016-02-13

[30] US (14/458,471) 2014-08-13

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[21] **2,900,174**
[13] A1

[51] **Int.Cl. E21B 7/02 (2006.01) E21B 15/00 (2006.01)**
 [25] EN
 [54] **FLUID COUPLING DRIVE SYSTEM FOR A DRILL RIG AIR COMPRESSOR**
 [54] **MECANISME D'ENTRAINEMENT DE RACCORD DE FLUIDE POUR UN COMPRESSEUR A AIR D'APPAREIL DE FORAGE**
 [72] LAW, ARNOLD, US
 [72] WARR, OWEN J., US
 [71] HARNISCHFEGER TECHNOLOGIES, INC., US
 [22] 2015-08-07
 [41] 2016-02-07
 [30] US (62/034,623) 2014-08-07

[21] **2,900,175**
[13] A1

[51] **Int.Cl. F23R 3/46 (2006.01) F02C 7/22 (2006.01)**
 [25] EN
 [54] **GAS TURBINE FUEL NOZZLE AIR FLOW ARRANGEMENT**
 [54] **DISPOSITIF D'ECOULEMENT D'AIR D'INJECTEUR DE CARBURANT DE TURBINE A GAZ**
 [72] MCCALDON, KIAN, CA
 [72] MORENKO, OLEG, CA
 [71] PRATT & WHITNEY CANADA CORP., CA
 [22] 2015-08-11
 [41] 2016-02-13
 [30] US (14/458,533) 2014-08-13

[21] **2,900,191**
[13] A1

[51] **Int.Cl. H01Q 3/26 (2006.01) H01Q 3/40 (2006.01)**
 [25] EN
 [54] **FEED NETWORK ARRANGEMENT FOR GENERATING A MULTI-ANTENNAE SIGNAL**
 [54] **DISPOSITION DE RESEAU D'ALIMENTATION PERMETTANT DE GENERER UN SIGNAL MULTIANTENNE**
 [72] HUNSDORFER, SIGURD, DE
 [72] BEHR, CHRISTIAN, DE
 [72] SCHEFFEL, ANDREAS, DE
 [72] ZEDLER, MICHAEL, DE
 [71] TESAT-SPACECOM GMBH & CO. KG, DE
 [22] 2015-08-12
 [41] 2016-02-13
 [30] DE (10 2014 011 883.5) 2014-08-13

[21] **2,900,196**
[13] A1

[51] **Int.Cl. G06K 11/00 (2006.01) G06F 3/047 (2006.01)**
 [25] EN
 [54] **NANOWIRE ENABLED PAPER BASED HAPTIC INTERFACES**
 [54] **INTERFACES HAPTIQUES FONDEES SUR DU PAPIER ACTIVE PAR NANOFIL**
 [72] LIU, XINYU, CA
 [72] WANG, YU-HSUAN, CA
 [72] LI, XIAO, CA
 [71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY, CA
 [22] 2015-08-13
 [41] 2016-02-13
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[21] **2,900,202**
[13] A1

[51] **Int.Cl. B65D 5/43 (2006.01)**
 [25] EN
 [54] **TAMPER RESISTANT CARTON**
 [54] **CARTON INVOLABLE**
 [72] BRANDOW, BYRON C., US
 [71] HUB FOLDING BOX COMPANY, INC., US
 [22] 2015-08-12
 [41] 2016-02-13
 [30] US (14/459,294) 2014-08-13

[21] **2,900,204**
[13] A1

[51] **Int.Cl. G08B 21/02 (2006.01) H04W 4/04 (2009.01) H04W 4/22 (2009.01) G10L 25/78 (2013.01) H04B 5/02 (2006.01) G06F 3/16 (2006.01)**
 [25] EN
 [54] **EMERGENCY ALERT NOTIFICATION DEVICE, SYSTEM, AND METHOD**
 [54] **DISPOSITIF DE NOTIFICATION D'ALERTE D'URGENCE, SYSTEME ET METHODE**
 [72] WEBB, STACY EUGENE, US
 [71] VALCOM, INC., US
 [22] 2015-08-12
 [41] 2016-02-12
 [30] US (62/036,318) 2014-08-12
 [30] US (14/823,651) 2015-08-11

[21] **2,900,210**
[13] A1

[51] **Int.Cl. E05F 15/632 (2015.01) E05F 15/70 (2015.01)**
 [25] EN
 [54] **POWERED WINDOW SYSTEM**
 [54] **MECANISME DE FENETRE ELECTRIQUE**
 [72] RAAP, DAN, US
 [72] HAGEMEYER, BRUCE, US
 [72] TAGTOW, GARY E., US
 [72] MAY, MICHAEL MARTIN, US
 [72] SEASER, JAMES GERARD, US
 [71] AMESBURY GROUP, INC., US
 [22] 2015-08-12
 [41] 2016-02-12
 [30] US (62/036,481) 2014-08-12

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[21] **2,900,250**
[13] A1

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[25] EN
[54] **WIRELESSLY COMMUNICATING CONFIGURATION DATA FOR INTERACTIVE DISPLAY DEVICES**
[54] **DONNEES DE CONFIGURATION DE COMMUNICATION SANS FIL POUR DISPOSITIFS D’AFFICHAGE INTERACTIFS**
[72] MCGIBNEY, GRANT, CA
[72] THOMAS, ANGELA, CA
[72] ARANETA, LEONARDO MIGUEL, CA
[72] BENSON, PHILLIP WARREN, CA
[71] SMART TECHNOLOGIES ULC, CA
[22] 2015-08-12
[41] 2016-02-13
[30] US (14/459,023) 2014-08-13

[21] **2,900,788**
[13] A1

[51] **Int.Cl. A47F 10/02 (2006.01) A47F 9/04 (2006.01)**
[25] EN
[54] **MODULAR CHECK-IN AND BAGGAGE HANDLING SYSTEM AND METHOD**
[54] **SYSTEME D’ENREGISTREMENT MODULAIRE ET DE TRAITEMENT DES BAGAGES ET METHODE**
[72] LOOZE, MARIE CLAIRE, NL
[72] BOS, ARIE, NL
[71] EVANS CONSOLES CORPORATION, CA
[22] 2015-08-13
[41] 2016-02-13
[30] US (62/036,679) 2014-08-13

[21] **2,914,565**
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) B01D 21/01 (2006.01) B03B 9/02 (2006.01) C08J 3/00 (2006.01) C08L 95/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ENHANCING SOLIDS REDUCTION IN BITUMEN PROCESSING**
[54] **PROCEDE D’AMELIORATION DE REDUCTION DE SOLIDES DANS LE TRAITEMENT DU BITUME**
[72] AL-SABAWI, MUSTAFA, CA
[72] BERGERON, SEBASTIEN, CA
[72] SURY, KEN N. (DECEASED), CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2015-12-09
[41] 2016-02-08

[21] **2,914,893**
[13] A1

[51] **Int.Cl. B02C 13/28 (2006.01)**
[25] EN
[54] **IMPACT HAMMERS**
[54] **MARTEAUX A PERCUSSION**
[72] OBAIA, KHALED, CA
[72] TIEU, JOHN, CA
[72] MACNEIL, DANIEL, CA
[72] CHIOVELLI, STEFANO, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2015-12-07
[41] 2016-02-10

[21] **2,917,027**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01) G06Q 30/04 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING A CLINICAL INTERVENTION REPORT**
[54] **PROCEDE ET SYSTEME DE PRODUCTION D’UN RAPPORT D’INTERVENTION CLINIQUE**
[72] ODUMODU, EDWARD, CA
[72] CHUA, JACKY, CA
[71] BRIGHTON HEALTH MANAGAMENT INC., CA
[22] 2016-01-08
[41] 2016-02-09

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[13] A1
[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/88 (2006.01) F16B 23/00 (2006.01) F16B 25/00 (2006.01)**
[25] EN
[54] **FLEXIBLE SCREW AND METHODS FOR SYNDESOSIS REPAIR**
[54] **VIS SOUPLE ET PROCEDE DE REPARATION PAR SYNDESMOSE**
[72] CUMMINGS, SHANNON D., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-03-16
[86] 2014-08-11 (PCT/US2014/050560)
[87] (2896937)

[21] **2,902,708**
[13] A1
[51] **Int.Cl. B05D 1/40 (2006.01) B05C 7/08 (2006.01)**
[25] EN
[54] **METHOD TO LINE PIPE HOMOGENEOUSLY**
[54] **METHODE DESTINEE A ALIGNER DES TUYAUX DE MANIERE HOMOGENE**
[72] THOROGOOD, BRIAN, CA
[72] LILLIE, KEVIN, CA
[72] HOCHFELLNER, JOHN, CA
[71] ENVIROLOGICS ENGINEERING INC., CA
[85] 2015-09-02
[86] 2014-08-08 (PCT/CA2014/050753)
[87] (2902708)

[21] **2,905,655**
[13] A1
[51] **Int.Cl. A61F 5/058 (2006.01)**
[25] EN
[54] **ELEMENT WITH VARIABLE STIFFNESS CONTROLLED BY NEGATIVE PRESSURE**
[54] **ELEMENT A RIGIDITE VARIABLE COMMANDEE PAR PRESSION NEGATIVE**
[72] BUREAU, MAXIME, ES
[72] KELLER, THIERRY, ES
[72] VENEMAN, JAN F., ES
[72] VERA MARTIN, CAROLINA, ES
[71] TEXTIA INNOVATIVE SOLUTIONS, S.L., ES
[85] 2015-09-11
[86] 2013-03-15 (PCT/ES2013/070177)
[87] (WO2014/140389)

[21] **2,907,184**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) A61K 45/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **FALZ FOR USE AS A TARGET FOR THERAPIES TO TREAT CANCER**
[54] **ANTIGENE FALZ DESTINE A ETRE UTILISE COMME CIBLE POUR THERAPIES DESTINEES A TRAITER LE CANCER**
[72] KASHANI-SABET, MOHAMMED, US
[72] DAR, ALTAF A., US
[71] SUTTER WEST BAY HOSPITALS, US
[85] 2015-09-15
[86] 2014-03-15 (PCT/US2014/029986)
[87] (WO2014/145254)
[30] US (61/790,153) 2013-03-15

[21] **2,916,782**
[13] A1
[51] **Int.Cl. F02N 11/12 (2006.01) F21L 4/00 (2006.01) F21V 33/00 (2006.01) H02J 7/00 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **PORTABLE VEHICLE BATTERY JUMP START APPARATUS WITH SAFETY PROTECTION**
[54] **APPAREIL PORTABLE D'ASSISTANCE AU DEMARRAGE POUR BATTERIE DE VEHICULE AVEC PROTECTION DE SURETE**
[72] NOOK, JONATHAN LEWIS, US
[72] NOOK, WILLIAM KNIGHT, US
[72] STANFIELD, JAMES RICHARD, US
[72] UNDERHILL, DEREK MICHAEL, US
[71] THE NOCO COMPANY, US
[85] 2015-10-20
[86] 2014-07-03 (PCT/US2014/045434)
[87] (WO2016/003471)

[21] **2,917,950**
[13] A1
[51] **Int.Cl. B65D 51/16 (2006.01) B65D 51/18 (2006.01)**
[25] EN
[54] **VENTED OVERCAP AND LID**
[54] **COUVERCLE ET SURBOUCHON A EVENTS**
[72] CHISHOLM, BRIAN J., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2016-01-11
[86] 2014-06-19 (PCT/US2014/043071)
[87] (WO2015/006029)
[30] US (13/937,835) 2013-07-09

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[21] **2,918,430**
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/745 (2015.01) A23L 33/135 (2016.01) A23C 9/12 (2006.01) A61P 3/04 (2006.01)**

[25] EN

[54] **NOVEL STRAIN OF BIFIDOBACTERIUM ANIMALIS SUBSP. LACTIS CECT 8145 AND USE THEREOF FOR THE TREATMENT AND/OR PREVENTION OF EXCESS WEIGHT AND OBESITY AND ASSOCIATED DISEASES**

[54] **NOUVELLE SOUCHE DE BIFIDOBACTERIUM ANIMALIS SUBSP. CECT 8145 ET SON UTILISATION POUR LE TRAITEMENT ET/OU LA PREVENTION DU SURPOIDS ET DE L'OBESITE ET DE MALADIES ASSOCIEES**

[72] MARTORELL GUEROLA, PATRICIA, ES

[72] CHENOLL CUADROS, MA EMPAR, ES

[72] RAMON VIDAL, DANIEL, ES

[72] ORTIZ SERRANO, PEPE, ES

[72] LLOPIS PLA, SILVIA, ES

[72] GONZALEZ MARTINEZ, NURIA, ES

[72] GENOVES MARTINEZ, SALVADOR, ES

[72] CASINOS RAMO, BEATRIZ, ES

[72] SILVA ANGULO, ANGELA, ES

[72] ALEIXANDRE, AMAYA, ES

[71] BIOPOLIS, S.L., ES

[85] 2016-01-15

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[87] (WO2015/007941)

[30] ES (P201331088) 2013-07-18

[21] **2,918,457**
[13] A1

[51] **Int.Cl. A23L 33/10 (2016.01) A23L 33/115 (2016.01) A23L 33/135 (2016.01) A23L 33/16 (2016.01) A23L 33/17 (2016.01) A23C 9/20 (2006.01) A61K 31/385 (2006.01) A61K 33/30 (2006.01) A61K 38/40 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **METHODS FOR PROMOTING NEURONAL DEVELOPMENT AND/OR HEALTH**

[54] **PROCEDES POUR FAVORISER LE DEVELOPPEMENT NEURONAL ET/OU LA SANTE NEURONALE**

[72] KUANG, CHENZHONG, US

[72] XIAO, YAN, US

[72] POELS, EDUARD K., US

[72] JOUNI, ZEINA, US

[72] HONDMANN, DIRK, US

[71] MJN U.S. HOLDINGS LLC, US

[85] 2016-01-15

[86] 2014-06-21 (PCT/US2014/043531)

[87] (WO2015/009406)

[30] US (13/942,794) 2013-07-16

[21] **2,918,531**
[13] A1

[51] **Int.Cl. A61B 34/30 (2016.01) A61B 46/10 (2016.01) A61B 1/313 (2006.01)**

[25] EN

[54] **ROBOTIC SURGICAL DEVICES, SYSTEMS AND RELATED METHODS**

[54] **DISPOSITIFS CHIRURGICAUX ROBOTIQUES, SYSTEMES ET PROCEDES APPARENTES**

[72] FARRITOR, SHANE, US

[72] SANTORO, CHRISTOPHER, US

[72] SHASHO, JEFFREY, US

[72] KUMAR, NISHANT, US

[72] SZCZESIAK, MATEUSZ, US

[72] HERMAN, JASON, US

[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US

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[86] 2014-07-17 (PCT/US2014/047062)

[87] (WO2015/009949)

[30] US (61/847,394) 2013-07-17

[21] **2,918,535**
[13] A1

[51] **Int.Cl. C12N 15/869 (2006.01) A61K 35/76 (2015.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/38 (2006.01)**

[25] EN

[54] **NON-TOXIC HSV VECTORS FOR EFFICIENT GENE DELIVERY APPLICATIONS AND COMPLEMENTING CELLS FOR THEIR PRODUCTION**

[54] **VECTEURS VHS NON TOXIQUES POUR L'ADMINISTRATION EFFICACE DE GENES ET CELLULES DE COMPLEMENTATION POUR LES PRODUIRE**

[72] GLORIOSO, JOSEPH C., III, US

[72] COHEN, JUSTUS, US

[72] MIYAGAWA, YOSHITAKA, US

[72] KRISKY, DAVID, US

[72] WECHUCK, JAMES, US

[72] WOLFE, DARREN, US

[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US

[71] GLORIOSO, JOSEPH C., III, US

[71] COHEN, JUSTUS, US

[71] MIYAGAWA, YOSHITAKA, US

[71] KRISKY, DAVID, US

[71] WECHUCK, JAMES, US

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[85] 2016-01-15

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[87] (WO2015/009952)

[30] US (61/847,405) 2013-07-17

[21] **2,918,549**
[13] A1

[51] **Int.Cl. G06F 13/42 (2006.01) H04L 12/951 (2013.01) H04L 29/06 (2006.01)**

[25] EN

[54] **STORAGE SYSTEM, METHOD, AND APPARATUS FOR PROCESSING OPERATION REQUEST**

[54] **SYSTEME DE STOCKAGE, METHODE ET APPAREIL DE TRAITEMENT D~UNE DEMANDE D~OPERATION**

[72] CHANG, SHENG, CN

[72] HOU, XINYU, CN

[72] GUO, HAITAO, CN

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2016-01-22

[86] 2014-08-13 (PCT/CN2014/084255)

[87] (2918549)

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[51] **Int.Cl. A23C 9/14 (2006.01) A23C 9/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE PRODUCTION OF MULTI-STRAINED YOGHURT**
[54] **SYSTEME DE PRODUCTION DE YAOURT EGOUTTE PLUSIEURS FOIS**
[72] ANASTASIADIS, ACHILLEAS, GR
[72] KOUMANOUDIS, NICOLAOS, GR
[72] PITSINIS, NICOLAOS, GR
[72] HATZIGEORGIOU, ARTEMIS, GR
[71] DELTA S.A. INDUSTRIAL AND COMMERCIAL COMPANY OF FOOD PRODUCTS, GR
[85] 2016-01-18
[86] 2014-07-17 (PCT/GR2014/000041)
[87] (WO2015/008099)
[30] GR (20130100422) 2013-07-18

[21] **2,918,598**
[13] A1

[51] **Int.Cl. A47L 15/00 (2006.01)**
[25] EN
[54] **IMPROVED DEVICE FOR WASHING A GLASS**
[54] **DISPOSITIF AMELIORE POUR LAVER UN VERRE**
[72] CELLI, GOFFREDO, IT
[71] CELLI S.P.A., IT
[85] 2016-01-18
[86] 2015-01-20 (PCT/IT2015/000007)
[87] (WO2015/107560)
[30] IT (RM2014A000025) 2014-01-20

[21] **2,918,809**
[13] A1

[51] **Int.Cl. B65G 49/00 (2006.01)**
[25] EN
[54] **CONVEYING SYSTEMS AND METHODS OF ASSOCIATING DATA WITH AN ITEM TRANSPORTED BY A CONVEYING SYSTEM**
[54] **SYSTEMES D'ACHEMINEMENT ET PROCEDES D'ASSOCIATION DE DONNEES A UN ARTICLE TRANSPORTE PAR UN SYSTEME D'ACHEMINEMENT**
[72] DANELSKI, DARIN, US
[71] MATTHEWS RESOURCES, INC., US
[85] 2016-01-19
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[87] (WO2015/020976)
[30] US (61/863,409) 2013-08-07

[21] **2,918,888**
[13] A1

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[25] EN
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[54] **DERIVE QUINOLEINE**
[72] INUKAI, TAKAYUKI, JP
[72] TAKEUCHI, JUN, JP
[72] YASUHIRO, TOMOKO, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2016-01-21
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[87] (WO2015/012298)
[30] JP (2013-153350) 2013-07-24

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[13] A1

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[25] EN
[54] **PARTIAL MELT CO-CRYSTALLIZATION COMPOSITIONS**
[54] **COMPOSITIONS CO-CRISTALLISEES A FUSION PARTIELLE**
[72] LIAO, SHYHYUAN, US
[72] PANARISI, JOSEPH R., US
[72] CATANI, STEVEN J., US
[71] MCNEIL NUTRITIONALS, LLC, US
[85] 2016-01-22
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[87] (WO2015/012987)
[30] US (61/857,934) 2013-07-24

[21] **2,919,165**
[13] A1

[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/10 (2016.01) A61B 90/98 (2016.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE LOCATION AND ORIENTATION OF A FIDUCIAL REFERENCE**
[54] **PROCEDE PERMETTANT DE DETERMINER L'EMPLACEMENT ET L'ORIENTATION D'UN REPERE DE REFERENCE**
[72] DAON, EHUD UDI, CA
[72] BECKETT, MARTIN GREGORY, CA
[72] MEDINA RODRIGUEZ, ALVARO ANDRES, CA
[71] NAVIGATE SURGICAL TECHNOLOGIES, INC., CA
[85] 2016-01-22
[86] 2014-08-12 (PCT/EP2014/067279)
[87] (WO2015/022338)
[30] US (61/865,508) 2013-08-13

[21] **2,919,236**
[13] A1

[51] **Int.Cl. F24F 3/14 (2006.01) F01K 9/00 (2006.01) F28C 1/00 (2006.01) F28D 21/00 (2006.01)**
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[54] **HEAT DISSIPATION SYSTEMS WITH HYGROSCOPIC WORKING FLUID**
[54] **SYSTEMES DE DISSIPATION DE CHALEUR A FLUIDE ACTIF HYGROSCOPIQUE**
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[71] ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION, US
[85] 2016-01-22
[86] 2014-07-18 (PCT/US2014/047230)
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[30] US (13/953,332) 2013-07-29

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[13] A1

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[54] **SYSTEMES LUMINEUX**
[72] HORNER, M. GLENN, US
[72] KINGSLEY, EDWARD D., US
[72] AGRAWAL, SATISH, US
[72] CINCOTTA, LOUIS, US
[71] PERFORMANCE INDICATOR, LLC, US
[85] 2016-01-27
[86] 2014-07-29 (PCT/US2014/048576)
[87] (WO2015/020834)
[30] US (13/963,032) 2013-08-09

[21] **2,919,699**
[13] A1

[51] **Int.Cl. H04L 12/22 (2006.01) H04L 9/32 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **AUTOMATIC BLOCKING OF BAD ACTORS**
[54] **BLOPAGE AUTOMATIQUE DE MAUVAIS ACTEURS**
[72] UNDERNEHR, GLEN THOMAS, US
[72] COURTRIGHT, CHARLES ALLEN, US
[71] WAL-MART STORES, INC., US
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[13] A1

[51] **Int.Cl. B23Q 1/66 (2006.01)**
[25] EN
[54] **MACHINE TOOL HAVING A LOADING AND UNLOADING DEVICE**
[54] **MACHINE-OUTIL COMPRENANT UN DISPOSITIF DE CHANGEMENT DE PIECE A USINER**
[72] BURKHARDT, RAINER, DE
[72] FEIFEL, HANS, DE
[72] GOGGERLE, MARKUS, DE
[72] HEIERMANN, ULRICH, DE
[72] KRIEGER, MANFRED, DE
[72] STRAUB, ULRICH, DE
[71] ALFING KESSLER SONDERMASCHINEN GMBH, DE
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[13] A1

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[25] EN
[54] **OXYGEN ION CONDUCTORS AND RELATED COMPOSITES AND DEVICES**
[54] **CONDUCTEURS D'IONS OXYGENE, COMPOSITES ET DISPOSITIFS ASSOCIES**
[72] GOODENOUGH, JOHN B., US
[72] SINGH, PREETAM, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[86] 2014-08-12 (PCT/US2014/050765)
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[13] A1

[51] **Int.Cl. C23F 11/18 (2006.01)**
[25] EN
[54] **PROPPANT MATERIAL INCORPORATING FLY ASH AND METHOD OF MANUFACTURE**
[54] **MATERIAU DE SOUTÈNEMENT CONTENANT DES CENDRES VOLANTES ET SON PROCÈDE DE FABRICATION**
[72] ENDERLE, RALPH, DE
[71] EPROPP, LLC, US
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[86] 2014-08-13 (PCT/US2014/050806)
[87] (WO2015/026585)
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[21] **2,919,708**
[13] A1

[51] **Int.Cl. H01M 4/131 (2010.01) H01M 4/505 (2010.01) H01M 4/525 (2010.01) H01M 10/0525 (2010.01)**
[25] EN
[54] **LITHIUM-RICH LAYERED OXIDE CATHODES AND RECHARGEABLE BATTERIES CONTAINING LITHIUM-RICH LAYERED OXIDES**
[54] **CATHODES A BASE D'OXYDE STRATIFIE RICHE EN LITHIUM ET BATTERIES RECHARGEABLES CONTENANT DES OXYDES STRATIFIES RICHES EN LITHIUM**
[72] MANTHIRAM, ARUMUGAM, US
[72] LEE, EUN SUNG, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-01-27
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[13] A1

[51] **Int.Cl. G06N 3/06 (2006.01) G06N 3/08 (2006.01) G06N 3/10 (2006.01) G06F 11/30 (2006.01) G06F 11/36 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IMPLEMENTING A BREAKPOINT DETERMINATION UNIT IN AN ARTIFICIAL NERVOUS SYSTEM**
[54] **PROCEDES ET APPAREIL POUR METTRE EN ŒUVRE UNE UNITE DE DETERMINATION DE POINT DE RUPTURE DANS UN SYSTEME NERVEUX ARTIFICIEL**
[72] CANOY, MICHAEL-DAVID NAKAYOSHI, US
[72] BELL, WILLIAM RICHARD, II, US
[72] KINTADA, RAMAKRISHNA, US
[72] RANGAN, VENKAT, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **SYSTEM AND METHOD FOR ALIGNMENT AND COMPATIBILITY DETECTION FOR A WIRELESS POWER TRANSFER SYSTEM**
[54] **SYSTEME ET PROCEDE D'ALIGNEMENT ET DE DETECTION DE COMPATIBILITE POUR UN SYSTEME DE TRANSFERT DE PUISSANCE SANS FIL**
[72] KEELING, NICHOLAS ATHOL, US
[72] KISSIN, MICHAEL LE GALLAIS, US
[72] HUANG, CHANG-YU, US
[72] BEAVER, JONATHAN, US
[72] BUDHIA, MICKEL BIPIN, US
[71] QUALCOMM INCORPORATED, US
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[13] A1

[51] **Int.Cl. G06K 7/10 (2006.01)**
[25] EN
[54] **WIRELESS SMART CARD DETECTION AND SELECTION**
[54] **DETECTION ET SELECTION DE CARTE A PUCE INTELLIGENTE SANS FIL**
[72] BUSCH-SORENSEN, THOMAS, US
[71] CUBIC CORPORATION, US
[85] 2016-01-27
[86] 2014-08-20 (PCT/US2014/051898)
[87] (WO2015/026946)
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[30] US (14/463,383) 2014-08-19

[21] **2,919,724**
[13] A1

[51] **Int.Cl. G01N 21/49 (2006.01)**
[25] EN
[54] **CHARACTERIZATION OF POLYMER AND COLLOID SOLUTIONS**
[54] **CARACTERISATION DE SOLUTIONS POLYMERIQUE ET COLLOIDALE**
[72] REED, WAYNE FREDERICK, US
[72] DRENSKI, MICHAEL FELIX, US
[72] REED, ALEX WAYNE, US
[71] ADVANCED POLYMER MONITORING TECHNOLOGIES, INC., US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2016-01-27
[86] 2014-08-20 (PCT/US2014/051953)
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[30] US (62/002,111) 2014-05-22

[21] **2,919,727**
[13] A1

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[25] EN
[54] **DYNAMIC APPLICATION SECURITY VERIFICATION**
[54] **VERIFICATION DE LA SECURITE D'APPLICATIONS DYNAMIQUES**
[72] JOHANSSON, JESPER MIKAEL, US
[72] BRANDWINE, ERIC JASON, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-01-27
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[30] US (14/012,520) 2013-08-28

[21] **2,919,729**
[13] A1

[51] **Int.Cl. H04L 12/28 (2006.01) G01D 4/00 (2006.01)**
[25] EN
[54] **IN-PREMISES MANAGEMENT OF HOME AREA NETWORKS**
[54] **GESTION DANS LES LOCAUX DE RESEAUX DOMESTIQUES**
[72] SHUDARK, JEFF, US
[72] SALAZAR CARDOZO, RUBEN EMILIO, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2016-01-27
[86] 2014-09-23 (PCT/US2014/056855)
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[21] **2,919,731**
[13] A1

[51] **Int.Cl. A61K 31/513 (2006.01) A61K 31/519 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATIONS OF A BTK INHIBITOR AND FLUOROURACIL FOR TREATING CANCERS**
[54] **ASSOCIATIONS D'UN INHIBITEUR DE TYROSINE KINASE DE BRUTON (BTK) ET DU FLUOROURACILE POUR LE TRAITEMENT DE CANCERS**
[72] LAVITRANO, MARIALUISA, IT
[72] GRASSILLI, EMANUELA, IT
[72] GIOVANNONI, ROBERTO, IT
[72] PISANO, FABIO, IT
[72] ROMANO, GABRIELE, IT
[72] MASIERO, LAURA, IT
[72] CERRITO, MARIA GRAZIA, IT
[71] BIONSIL S.R.L. IN LIQUIDAZIONE, IT
[85] 2016-02-02
[86] 2014-08-04 (PCT/EP2014/066724)
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[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) G01N 21/78 (2006.01) G01N 33/02 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **FOOD ALLERGEN DETECTION METHODS AND SYSTEMS USING MOLECULARLY IMPRINTED POLYMERS**

[54] **PROCEDES ET SYSTEMES DE DETECTION D'ALLERGENES ALIMENTAIRES AU MOYEN DE POLYMERES A EMPREINTE MOLECULAIRE**

[72] BARNES, ABIGAIL, US
[72] BELBRUNO, JOSEPH J., US
[71] A. BARNES, LLC, US
[85] 2016-01-27
[86] 2014-07-29 (PCT/US2014/048676)
[87] (WO2015/017442)
[30] US (61/859,556) 2013-07-29

[21] **2,919,778**
[13] A1

[51] **Int.Cl. A61K 31/215 (2006.01) A61K 31/22 (2006.01) A61K 31/225 (2006.01) A61P 21/06 (2006.01)**

[25] EN

[54] **KETONE BODY AND KETONE BODY ESTER FOR REDUCING MUSCLE BREAKDOWN**

[54] **CORPS CETONIQUE ET ESTER DE CORPS CETONIQUE POUR REDUIRE LA DEGRADATION MUSCULAIRE**

[72] CLARKE, KIERAN, GB
[72] COX, PETER, GB
[71] TDELTA LIMITED, GB
[85] 2016-01-28
[86] 2014-08-07 (PCT/EP2014/067027)
[87] (WO2015/018913)
[30] GB (1314127.0) 2013-08-07

[21] **2,919,779**
[13] A1

[51] **Int.Cl. G06T 19/20 (2011.01) G06T 17/20 (2006.01)**

[25] FR

[54] **METHOD FOR ADAPTING A MESH MODEL OF A GEOLOGICAL SUBSURFACE**

[54] **PROCEDE D'ADAPTATION D'UNE REPRESENTATION GEOLOGIQUE D'UN SOUS-SOL**

[72] FORGE, AURELE, FR
[72] PIVOT, FREDERICK, FR
[71] TOTAL SA, FR
[85] 2016-01-28
[86] 2014-07-21 (PCT/FR2014/051860)
[87] (WO2015/015086)
[30] FR (13 57564) 2013-07-31

[21] **2,919,780**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) G01S 7/00 (2006.01)**

[25] EN

[54] **PASSIVE DATA TRANSMISSION**

[54] **TRANSMISSION PASSIVE DE DONNEES**

[72] PALT, YORAM, IL
[71] PALT, YORAM, IL
[85] 2016-01-28
[86] 2014-08-08 (PCT/IB2014/002540)
[87] (WO2015/019196)
[30] US (61/864,216) 2013-08-09

[21] **2,919,803**
[13] A1

[51] **Int.Cl. H04S 7/00 (2006.01) H04M 3/56 (2006.01) H04R 5/02 (2006.01)**

[25] EN

[54] **MULTIDIMENSIONAL VIRTUAL LEARNING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE D'APPRENTISSAGE VIRTUEL MULTIDIMENSIONNEL**

[72] GLEIM, GARRETT WILLIAM, US
[71] GLEIM CONFERENCING, LLC, US
[85] 2016-02-03
[86] 2014-08-15 (PCT/US2014/051221)
[87] (WO2015/031074)
[30] US (61/872,068) 2013-08-30
[30] US (14/460,575) 2014-08-15

[21] **2,919,805**
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[51] **Int.Cl. H03M 13/25 (2006.01)**

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[54] **OPTIMIZED CODE TABLE SIGNALING**

[54] **SIGNALISATION DE TABLE DE CODES OPTIMISEE**

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[71] OPTCTS, INC., US
[85] 2016-02-03
[86] 2014-06-27 (PCT/US2014/044661)
[87] (WO2015/020737)
[30] US (61/862,745) 2013-08-06
[30] US (14/062,535) 2013-10-24
[30] US (14/099,180) 2013-12-06
[30] US (14/243,438) 2014-04-02
[30] US (14/243,426) 2014-04-02
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[21] **2,919,806**
[13] A1

[51] **Int.Cl. C09J 183/06 (2006.01) C09D 133/00 (2006.01) C09D 133/24 (2006.01) C09D 163/00 (2006.01) C09J 183/00 (2006.01)**

[25] EN

[54] **COATING COMPOSITION FOR METAL SURFACE PRE-TREATMENT, ITS PREPARATION AND USE THEREOF**

[54] **COMPOSITION DE REVETEMENT POUR PRETRAITEMENT DE SURFACE METALLIQUE, SA PREPARATION ET SON UTILISATION**

[72] QIU, XUETING, CN
[71] HENKEL AG & CO. KGAA, DE
[85] 2016-01-03
[86] 2013-08-06 (PCT/CN2013/080922)
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[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/78 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR LUBRICATING BEARINGS OF ROTATING EQUIPMENT IN GAS PROCESSING SYSTEMS**

[54] **SYSTEMES ET PROCESDES POUR LA LUBRIFICATION DES ROULEMENTS D'UN EQUIPEMENT ROTATIF DANS DES SYSTEMES DE TRAITEMENT DE GAZ**

[72] KRISH, PREM, US
[72] MARTIN, JEREMY GRANT, US
[71] ENERGY RECOVERY, INC., US
[85] 2016-01-28
[86] 2014-10-02 (PCT/IB2014/065025)
[87] (WO2015/015478)
[30] US (61/861,851) 2013-08-02
[30] US (14/504,198) 2014-10-01

[21] **2,919,809**
[13] A1

[51] **Int.Cl. H01R 4/18 (2006.01) H01B 5/10 (2006.01) H01B 7/00 (2006.01) H01R 4/62 (2006.01)**

[25] EN

[54] **CRIMP TERMINAL AND ELECTRIC WIRE WITH CRIMP TERMINAL**

[54] **TERMINAL DE SERTISSAGE ET FIL ELECTRIQUE DOTE D'UN TERMINAL DE SERTISSAGE**

[72] KAMOSHIDA, SHINICHI, JP
[72] MIONO, TADAAKI, JP
[72] HATTORI, YASUNORI, JP
[72] SHIMIZU, TAKESHI, JP
[72] SUZUKI, MITSURU, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2016-01-28
[86] 2013-08-08 (PCT/JP2013/071489)
[87] (WO2015/019462)
[30] JP (2013-163171) 2013-08-06

[21] **2,919,820**
[13] A1

[51] **Int.Cl. C08J 5/22 (2006.01) C02F 1/46 (2006.01)**

[25] EN

[54] **ANION EXCHANGE MEMBRANE FOR ELECTRODIALYSIS APPLICATIONS AND PROCESS FOR THE PREPARATION THEREOF**

[54] **MEMBRANE ECHANGEUSE D'ANIONS POUR DES APPLICATIONS D'ELECTRODIALYSE ET PROCEDE POUR LA PREPARER**

[72] CHATTERJEE, UMA, IN
[72] JEWRAJKA, SURESH KUMAR, IN
[72] THAMPY, SREEKUMARAN, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
[85] 2016-01-28
[86] 2014-07-30 (PCT/IN2014/000501)
[87] (WO2015/015513)
[30] IN (2294/DEL/2013) 2013-07-31

[21] **2,919,808**
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01) A61F 9/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PREPARATION AND INSERTION OF AN INTRAOCULAR LENS INTO THE EYE OF A PATIENT**

[54] **PROCEDE ET APPAREIL PERMETTANT LA PREPARATION ET L'INTRODUCTION D'UNE LENTILLE INTRAOCULAIRE DANS L'OEIL D'UN PATIENT**

[72] AHARONI, ELI, IL
[72] BELOUSOV, VLADIMIR, IL
[71] VISIONCARE OPHTHALMIC TECHNOLOGIES INC., US
[85] 2016-01-28
[86] 2014-11-03 (PCT/IL2014/050955)
[87] (WO2015/063778)
[30] US (14/070,958) 2013-11-04
[30] US (62/031,255) 2014-07-31

[21] **2,919,817**
[13] A1

[51] **Int.Cl. A61K 31/423 (2006.01) A61K 31/202 (2006.01) A61K 31/232 (2006.01) A61P 3/06 (2006.01)**

[25] EN

[54] **THERAPEUTIC AGENT FOR DYSLIPIDEMIA**

[54] **AGENT THERAPEUTIQUE POUR DYSLIPIDEMIE**

[72] TAKIZAWA, TOSHIKI, JP
[71] KOWA COMPANY, LTD., JP
[85] 2016-01-28
[86] 2014-08-27 (PCT/JP2014/072380)
[87] (WO2015/030033)
[30] JP (2013-176364) 2013-08-28

[21] **2,919,823**
[13] A1

[51] **Int.Cl. B21D 22/20 (2006.01) B21D 24/00 (2006.01)**

[25] EN

[54] **COOLING METHOD FOR HOT PRESS FORMING AND HOT PRESS FORMING APPARATUS**

[54] **PROCEDE DE REFROIDISSEMENT D'ESTAMPAGE A CHAUD ET DISPOSITIF D'ESTAMPAGE A CHAUD**

[72] FUKUCHI, HIROSHI, JP
[72] NOMURA, NARUHIKO, JP
[72] SETO, ATSUSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-01-28
[86] 2014-09-11 (PCT/JP2014/074056)
[87] (WO2015/037657)
[30] JP (2013-189218) 2013-09-12

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[13] A1

[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/024 (2006.01)**
[25] EN
[54] **STAGE FLOOR ASSEMBLY AND METHOD OF MAKING THE SAME**
[54] **ENSEMBLE PLANCHER DE SCENE ET PROCEDE PERMETTANT DE FABRIQUER CE DERNIER**
[72] PARKS, STEVEN, US
[71] PARKS, STEVEN, US
[85] 2016-01-28
[86] 2014-07-29 (PCT/US2014/048745)
[87] (WO2015/017470)
[30] US (13/954,971) 2013-07-30

[21] **2,919,826**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **FLUIDIC MODULATORS**
[54] **MODULATEURS FLUIDIQUES**
[72] CONN, DAVID KIRK, US
[72] REED, CHRISTOPHER PAUL, US
[72] PARRY, ANDREW J., FR
[72] DOREL, ALAIN P., RU
[72] ERIKSSON, STAFFAN, GB
[72] JAMES, JONATHAN, GB
[72] KOLBE, STUART ALAN, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-01-28
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[87] (WO2015/017512)
[30] US (61/860,206) 2013-07-30
[30] US (61/913,347) 2013-12-08
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[30] US (14/445,062) 2014-07-29
[30] US (14/445,063) 2014-07-29
[30] US (14/445,064) 2014-07-29

[21] **2,919,827**
[13] A1

[51] **Int.Cl. C01F 7/00 (2006.01) B01J 20/04 (2006.01) B01J 20/08 (2006.01) C01G 49/00 (2006.01) C02F 1/28 (2006.01) C02F 1/42 (2006.01) H01F 1/34 (2006.01)**
[25] EN
[54] **MAGNETIC HYDROTALCITE COMPOSITE AND PRODUCTION METHOD THEREOF**
[54] **COMPOSITE MAGNETIQUE HYDROTALCITE ET SON PROCEDE DE FABRICATION**
[72] WANG, XING DONG, JP
[72] IWAMOTO, YOSHIHITO, JP
[72] NEDACHI, KOICHI, JP
[71] KYOWA CHEMICAL INDUSTRY CO., LTD., JP
[85] 2016-01-28
[86] 2014-12-02 (PCT/JP2014/082352)
[87] (WO2015/083840)
[30] JP (2013-249807) 2013-12-03

[21] **2,919,828**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) C08F 293/00 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **BLOCK COPOLYMERS AND THEIR CONJUGATES OR COMPLEXES WITH OLIGONUCLEOTIDES**
[54] **COPOLYMERES SEQUENCES ET LEUR CONJUGUES OU COMPLEXES AVEC DES OLIGONUCLEOTIDES**
[72] MONAHAN, SEAN D., US
[72] DECLUE, MICHAEL S., US
[72] HARVIE, PIERROT, US
[72] JOHNSON, RUSSELL N., US
[72] PASCHAL, AMBER E., US
[72] PRIEVE, MARY G., US
[72] ROY, DEBASHISH, US
[72] DIAB, CHARBEL, US
[72] HOUSTON, MICHAEL E., JR., US
[72] GALPERIN, ANNA, US
[72] QABAR, MAHER, US
[71] PHASERX, INC., US
[85] 2016-01-28
[86] 2014-07-30 (PCT/US2014/048839)
[87] (WO2015/017519)
[30] US (61/860,136) 2013-07-30
[30] US (61/868,122) 2013-08-21

[21] **2,919,829**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **MOVEABLE ELEMENT TO CREATE PRESSURE SIGNALS IN A FLUIDIC MODULATOR**
[54] **ELEMENT MOBILE PERMETTANT DE CREER DES SIGNAUX DE PRESSION DANS UN MODULATEUR DE FLUIDE**
[72] KOLBE, STUART ALAN, GB
[72] JAMES, JONATHAN, GB
[72] REED, CHRISTOPHER PAUL, US
[72] CONN, DAVID KIRK, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-01-28
[86] 2014-07-30 (PCT/US2014/048844)
[87] (WO2015/017522)
[30] US (61/860,206) 2013-07-30
[30] US (61/913,347) 2013-12-08
[30] US (62/002,901) 2014-05-25
[30] US (62/002,904) 2014-05-25
[30] US (14/445,062) 2014-07-29
[30] US (14/445,063) 2014-07-29
[30] US (14/445,064) 2014-07-29

[21] **2,919,830**
[13] A1

[51] **Int.Cl. H04L 27/34 (2006.01)**
[25] EN
[54] **NON-UNIFORM CONSTELLATIONS**
[54] **CONSTELLATIONS NON UNIFORMES**
[72] MOUHOUCHE, BELKACEM, GB
[72] ANSORREGUI LOBETE, DANIEL, GB
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-01-28
[86] 2014-07-08 (PCT/KR2014/006125)
[87] (WO2015/005657)
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[30] GB (GB1313419.2) 2013-07-26
[30] GB (GB1315740.9) 2013-09-04
[30] GB (GB1319202.6) 2013-10-30
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[13] A1

[51] **Int.Cl. F16B 13/08 (2006.01) B25B 31/00 (2006.01) E01B 9/10 (2006.01) E01B 9/14 (2006.01)**

[25] EN

[54] **PROCESS FOR INSTALLATION OF ANCHOR DEVICES AND APPARATUS FOR CARRYING OUT SUCH PROCESS**

[54] **PROCEDE POUR INSTALLATION DE DISPOSITIFS D'ANCRE ET APPAREIL POUR METTRE EN ŒUVRE UN TEL PROCEDE**

[72] GUALCO, MARIO, IT

[72] CONTESINI, PARIDE, IT

[71] GUALCO, MARIO, IT

[71] CONTESINI, PARIDE, IT

[85] 2016-01-28

[86] 2013-07-30 (PCT/IT2013/000209)

[87] (WO2015/015520)

[21] **2,919,832**
[13] A1

[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 34/06 (2006.01)**

[25] EN

[54] **FLUIDIC MODULATORS AND ALONG STRING SYSTEMS**

[54] **MODULATEURS FLUIDIQUES ET SYSTEMES PARALLELES A LA COLONNE DE TUBAGE**

[72] REED, CHRISTOPHER PAUL, US

[72] CONN, DAVID KIRK, US

[72] KOLBE, STUART ALAN, GB

[72] JAMES, JONATHAN, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-01-28

[86] 2014-07-30 (PCT/US2014/048864)

[87] (WO2015/017526)

[30] US (61/860,206) 2013-07-30

[30] US (61/913,347) 2013-12-08

[30] US (62/002,901) 2014-05-25

[30] US (62/002,904) 2014-05-25

[30] US (14/445,062) 2014-07-29

[30] US (14/445,063) 2014-07-29

[30] US (14/445,064) 2014-07-29

[21] **2,919,833**
[13] A1

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

[25] EN

[54] **QUANTITATIVE DNA-BASED IMAGING AND SUPER-RESOLUTION IMAGING**

[54] **IMAGERIE A TRES HAUTE RESOLUTION ET IMAGERIE REPOSANT SUR L'ADN QUANTITATIF**

[72] JUNGMANN, RALF, US

[72] YIN, PENG, US

[72] DAI, MINGJIE, US

[72] AVENDANO, MAIER, US

[72] WOEHRSTEIN, JOHANNES B., US

[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2016-01-28

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[87] (WO2015/017586)

[30] US (61/859,891) 2013-07-30

[30] US (61/884,126) 2013-09-29

[30] US (61/934,759) 2014-02-01

[21] **2,919,834**
[13] A1

[51] **Int.Cl. H04N 7/08 (2006.01) H04N 21/234 (2011.01)**

[25] EN

[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**

[54] **APPAREIL D'EMISSION DE SIGNAUX A DIFFUSION GENERALE, APPAREIL DE RECEPTION DE SIGNAUX A DIFFUSION GENERALE, PROCEDE D'EMISSION DE SIGNAUX A DIFFUSION GENERALE ET PROCEDE DE RECEPTION DE SIGNAUX A DIFFUSION GENERALE**

[72] KIM, BYOUNGGILL, KR

[72] KIM, JAEHYUNG, KR

[72] KO, WOOSUK, KR

[72] HONG, SUNGRYONG, KR

[71] LG ELECTRONICS INC., KR

[85] 2016-01-28

[86] 2014-08-21 (PCT/KR2014/007773)

[87] (WO2015/026177)

[30] US (61/869,074) 2013-08-23

[21] **2,919,835**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR AND METHODS OF TREATING AND PREVENTING CANCER TARGETING TUMOR ASSOCIATED CARBOHYDRATE ANTIGENS**

[54] **COMPOSITIONS ET METHODES PERMETTANT DE TRAITER ET DE PREVENIR LE CANCER PAR CIBLAGE DES ANTIGENES GLUCIDIQUES ASSOCIES A LA TUMEUR**

[72] KIEBER-EMMONS, THOMAS, US

[72] PASHOV, ANASTAS, US

[72] KARBASSI, BEHJATOLAH, US

[71] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US

[85] 2016-01-28

[86] 2014-07-31 (PCT/US2014/049309)

[87] (WO2015/017734)

[30] US (61/860,827) 2013-07-31

[21] **2,919,836**
[13] A1

[51] **Int.Cl. F25D 23/02 (2006.01) E05D 7/00 (2006.01) E05D 11/06 (2006.01) E05D 11/08 (2006.01)**

[25] EN

[54] **REFRIGERATOR**

[54] **REFRIGERATEUR**

[72] CHOI, SUNG PIL, KR

[72] SHIN, DONG IN, KR

[72] NO, HYO SEOK, KR

[72] MOON, YOUNG KYU, KR

[72] SUN, MU YEOL, KR

[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2016-01-28

[86] 2014-11-17 (PCT/KR2014/011006)

[87] (WO2015/072793)

[30] KR (10-2013-0139646) 2013-11-18

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[21] **2,919,837**
[13] A1

[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/4535 (2006.01) A61K 31/496 (2006.01) A61K 31/7048 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING DISEASE STATES ASSOCIATED WITH ACTIVATED T CELLS AND/OR B CELLS**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'ETATS PATHOLOGIQUES ASSOCIES A DES LYMPHOCYTES T ET/OU A DES LYMPHOCYTES B ACTIVES**

[72] JORDAN, MICHAEL, US

[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US

[85] 2016-01-28

[86] 2014-08-01 (PCT/US2014/049444)

[87] (WO2015/017803)

[30] US (61/861,556) 2013-08-02

[21] **2,919,839**
[13] A1

[51] **Int.Cl. G06F 9/455 (2006.01)**

[25] EN

[54] **VIRTUAL COMPUTING INSTANCE MIGRATION**

[54] **MIGRATION D'INSTANCE INFORMATIQUE VIRTUELLE**

[72] DIPPENAAR, ANDRIES PETRUS JOHANNES, US

[72] LATEGAN, FRANS ADRIAAN, US

[72] GREENFIELD, JAMES ALFRED GORDON, US

[71] AMAZON TECHNOLOGIES, INC., US

[85] 2016-01-28

[86] 2014-08-01 (PCT/US2014/049476)

[87] (WO2015/020909)

[30] US (13/959,550) 2013-08-05

[21] **2,919,840**
[13] A1

[51] **Int.Cl. A47J 31/52 (2006.01) G07F 9/02 (2006.01)**

[25] EN

[54] **BEVERAGE PREPARATION SYSTEM AND METHOD FOR PREPARING A BEVERAGE**

[54] **SYSTEME DE PREPARATION DE BOISSON ET PROCEDE POUR PREPARER UNE BOISSON**

[72] WESSELS, HENDRIKUS CHRISTINUS MARIA, NL

[72] VAN NIEKERK, KOEN JOSEF, NL

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

[85] 2016-01-28

[86] 2014-07-28 (PCT/NL2014/050524)

[87] (WO2015/016709)

[30] NL (2011234) 2013-07-29

[21] **2,919,841**
[13] A1

[51] **Int.Cl. B29D 11/00 (2006.01) B29D 11/02 (2006.01) B29C 45/26 (2006.01)**

[25] EN

[54] **INSERT ASSEMBLY FOR MANUFACTURING INTRAOCULAR LENSES**

[54] **ENSEMBLE INSERT POUR LA FABRICATION DE LENTILLES INTRAOCULAIRES**

[72] VAN DIJK, EMERENTIUS MARIA JOSEPHUS ANTONIUS, NL

[71] INNOVALENS B.V., NL

[85] 2016-01-28

[86] 2014-07-30 (PCT/NL2014/050529)

[87] (WO2015/016711)

[30] NL (2011239) 2013-07-30

[21] **2,919,844**
[13] A1

[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/454 (2006.01) A61P 27/02 (2006.01) C07D 401/12 (2006.01)**

[25] EN

[54] **UREA COMPOUNDS AND THEIR USE AS FAAH ENZYME INHIBITORS**

[54] **COMPOSES D'UREE ET LEUR UTILISATION COMME INHIBITEURS DE L'ENZYME FAAH**

[72] KISS, LASZLO ERNO, PT

[72] GUSMAO DE NORONHA, RITA, PT

[72] ROSA, CARLA PATRICIA DA COSTA PEREIRA, PT

[72] PINTO, RUI, PT

[71] BIAL - PORTELA & CA, S.A., PT

[85] 2016-01-28

[86] 2014-08-01 (PCT/PT2014/000051)

[87] (WO2015/016728)

[30] GB (1313786.4) 2013-08-01

[30] GB (1409466.8) 2014-05-28

[21] **2,919,845**
[13] A1

[51] **Int.Cl. F01D 9/04 (2006.01) F01D 5/28 (2006.01)**

[25] EN

[54] **MOUNTING APPARATUS FOR LOW-DUCTILITY TURBINE NOZZLE**

[54] **APPAREIL DE MONTAGE POUR TUYERE DE TURBINE A FAIBLE DUCTILITE**

[72] TUERTSCHER, MICHAEL RAY, US

[72] SENILE, DARRELL GLENN, US

[72] PHELPS, GREG, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2016-01-28

[86] 2014-08-06 (PCT/US2014/049843)

[87] (WO2015/021086)

[30] US (61/862,818) 2013-08-06

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[21] **2,919,850**
[13] A1

[51] **Int.Cl. A61F 13/26 (2006.01) A61F 13/20 (2006.01)**

[25] EN

[54] **A VISUALLY PERCEPTIBLE TAMPON HOUSED WITHIN AN APPLICATOR**

[54] **TAMPON PERCEPTIBLE VISUELLEMENT RECU DANS UN APPLICATEUR**

[72] DE SOTO-BURT, WIDALYS LUZ, US

[72] ALMOND, NANDA CHRISTINE, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-01-28

[86] 2014-08-06 (PCT/US2014/050004)

[87] (WO2015/031012)

[30] US (14/014,624) 2013-08-30

[21] **2,919,851**
[13] A1

[51] **Int.Cl. B27D 1/06 (2006.01) B27M 3/04 (2006.01) E04F 15/04 (2006.01)**

[25] EN

[54] **A METHOD FOR PRODUCING A LAMELLA CORE**

[54] **PROCEDE POUR PRODUIRE UN NOYAU DE LAMELLE**

[72] BRANNSTROM, HANS, SE

[72] BERGELIN, MARCUS, SE

[72] PALSSON, AGNE, SE

[71] VALINGE INNOVATION AB, SE

[85] 2016-01-28

[86] 2014-08-26 (PCT/SE2014/050969)

[87] (WO2015/030654)

[30] SE (1350979-9) 2013-08-27

[21] **2,919,853**
[13] A1

[51] **Int.Cl. G06Q 20/12 (2012.01) G06Q 20/32 (2012.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR FACILITATING E-COMMERCE PAYMENTS**

[54] **PROCEDES ET SYSTEMES PERMETTANT DE FACILITER DES PAIEMENTS DE COMMERCE ELECTRONIQUE**

[72] ANDERSON, JOHN, US

[72] HIGAKI, YUJI, US

[72] LIU, DEBORAH, US

[71] FACEBOOK, INC., US

[85] 2016-01-28

[86] 2013-09-26 (PCT/US2013/061845)

[87] (WO2015/023305)

[30] US (61/866,033) 2013-08-14

[30] EP (13 185 982.9) 2013-09-25

[30] US (14/037,349) 2013-09-25

[21] **2,919,854**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) B65B 1/30 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR MONITORING DELIVERIES**

[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE LIVRAISONS**

[72] ZWAKHALS, MICHELE, GB

[72] KEIRSTEAD, WILLIAM C., US

[72] RIEGEL, JEFFREY J., US

[72] HOWER, SCOTT LEE, US

[72] JANI, VALERIE KAYE, US

[71] AIR PRODUCTS AND CHEMICALS, INC., US

[85] 2016-01-28

[86] 2014-08-07 (PCT/US2014/050175)

[87] (WO2015/021295)

[30] US (13/963,527) 2013-08-09

[21] **2,919,856**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 17/03 (2006.01) A61B 17/12 (2006.01)**

[25] EN

[54] **INTRA-ABDOMINAL PRESSURE TO PROMOTE HEMOSTASIS AND SURVIVAL**

[54] **PRESSION INTRA-ABDOMINALE POUR FAVORISER L'HEMOSTASE ET LA SURVIE**

[72] RAGO, ADAM, US

[72] MARINI, JOHN, US

[72] ZUGATES, GREGORY T., US

[72] HELMICK, MARC, US

[72] SHARMA, UPMA, US

[71] ARSENAL MEDICAL, INC., US

[71] RAGO, ADAM, US

[71] MARINI, JOHN, US

[71] ZUGATES, GREGORY T., US

[71] HELMICK, MARC, US

[71] SHARMA, UPMA, US

[85] 2016-01-28

[86] 2014-08-08 (PCT/US2014/050332)

[87] (WO2015/021375)

[30] US (61/864,368) 2013-08-09

[21] **2,919,857**
[13] A1

[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/32 (2012.01)**

[25] EN

[54] **DYNAMICALLY PROVIDING A THIRD-PARTY CHECKOUT OPTION**

[54] **FOURNIR DYNAMIQUEMENT UNE OPTION DE REGLEMENT PAR TIERCE PARTIE**

[72] VERNAL, MICHAEL, US

[72] HIGAKI, YUJI, US

[72] LIU, DEBORAH, US

[71] FACEBOOK, INC., US

[85] 2016-01-28

[86] 2013-09-26 (PCT/US2013/061856)

[87] (WO2015/023306)

[30] US (61/866,032) 2013-08-14

[30] US (14/037,357) 2013-09-25

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[21] **2,919,858**
[13] A1

[51] **Int.Cl. G01F 1/58 (2006.01)**
[25] EN
[54] **IMPROVED MAGNETIC CORE CONFIGURATION FOR MAGNETIC FLOWMETERS**
[54] **CONFIGURATION AMELIOREE DE NOYAU MAGNETIQUE POUR DEBITMETRES MAGNETIQUES**
[72] ROGERS, STEVEN BRUCE, US
[72] MAYER, MICHAEL JOHN, US
[72] MESSENGER, SAMUEL ETHAN, US
[72] MIKOLICHECK, MICHAEL JEFFREY, US
[71] ROSEMOUNT INC., US
[85] 2016-01-28
[86] 2014-08-25 (PCT/US2014/052464)
[87] (WO2015/047617)
[30] US (14/038,296) 2013-09-26

[21] **2,919,859**
[13] A1

[51] **Int.Cl. H04N 5/225 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSFORMING AN IMAGE**
[54] **SYSTEMES ET PROCEDES POUR TRANSFORMER UNE IMAGE**
[72] RESTREPO, ALEX, US
[72] SYSTROM, KEVIN, US
[71] FACEBOOK, INC., US
[85] 2016-01-28
[86] 2013-10-30 (PCT/US2013/067578)
[87] (WO2015/016955)
[30] US (13/958,451) 2013-08-02
[30] EP (13190578.8) 2013-10-29

[21] **2,919,860**
[13] A1

[51] **Int.Cl. G01V 13/00 (2006.01) E21B 49/00 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **STATIC EARTH MODEL CALIBRATION METHODS AND SYSTEMS USING PERMEABILITY TESTING**
[54] **PROCEDE D'ETALONNAGE DE MODELE TERRESTRE STATIQUE ET SYSTEMES AYANT RECOURS A DES TESTS DE PERMEABILITE**
[72] RAMSAY, TRAVIS ST. GEORGE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-28
[86] 2013-08-07 (PCT/US2013/054035)
[87] (WO2015/020650)

[21] **2,919,861**
[13] A1

[51] **Int.Cl. G06F 3/041 (2006.01) B29C 59/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ASSIGNING AND IMPRINTING TOUCH ICONS OF A TOUCH PAD**
[54] **PROCEDE ET APPAREIL POUR L'ATTRIBUTION ET L'IMPRESSION D'ICONES TACTILES D'UNE TOUCHE A EFFLEUREMENT**
[72] ELBERBAUM, DAVID, JP
[71] ELBEX VIDEO LTD., JP
[85] 2016-01-28
[86] 2014-07-18 (PCT/US2014/047192)
[87] (WO2015/017142)
[30] US (13/952,808) 2013-07-29

[21] **2,919,862**
[13] A1

[51] **Int.Cl. A47F 13/06 (2006.01) G08B 17/00 (2006.01)**
[25] EN
[54] **SMOKE ALARM MOUNTING AND DISMOUNTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MONTAGE ET DE DEMONTAGE D'UN DETECTEUR DE FUMEE**
[72] LEATHERBY, DARIN VINCENT, AU
[71] HOLY SMOKE ALARMS PTY LTD, AU
[85] 2016-01-29
[86] 2014-04-24 (PCT/AU2014/000467)
[87] (WO2014/121349)
[30] AU (2013903247) 2013-08-27

[21] **2,919,863**
[13] A1

[51] **Int.Cl. F02M 21/02 (2006.01) F16K 31/40 (2006.01) F16K 39/02 (2006.01)**
[25] EN
[54] **PILOT-OPERATED VALVE**
[54] **VANNE A ACTIONNEMENT PILOTE**
[72] ZEINER, ROBERT WILLIAM, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2016-01-28
[86] 2014-08-28 (PCT/US2014/053189)
[87] (WO2015/031633)
[30] US (61/870,985) 2013-08-28

[21] **2,919,864**
[13] A1

[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **SHAPED ELECTROCHEMICAL CELL**
[54] **CELLULE ELECTROCHIMIQUE FACONNEE**
[72] SIBILIA, GIAMPAOLO, IT
[71] NUVERA FUEL CELLS, INC., US
[85] 2016-01-28
[86] 2014-07-24 (PCT/US2014/047993)
[87] (WO2015/017241)
[30] US (61/860,118) 2013-07-30
[30] US (14/336,115) 2014-07-21

[21] **2,919,865**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01)**
[25] EN
[54] **HANDLE ASSEMBLY FOR IMPLANT DELIVERY APPARATUS COMPRISING A FORCE LIMITER, A DISPLACEMENT LIMITER AND/OR A BRAKE FRAME ASSEMBLY**
[54] **ENSEMBLE MANCHE POUR APPAREIL DE POSE D'IMPLANT COMPRENANT UN LIMITEUR DE FORCE, UN LIMITEUR DE DEPLACEMENT ET/OU UN ENSEMBLE CADRE DE FREIN**
[72] LIM, HOU-SEN, SG
[72] GOTZ, WOLFGANG, DE
[71] TRANSCATHETER TECHNOLOGIES GMBH, DE
[85] 2016-01-29
[86] 2014-07-31 (PCT/EP2014/066478)
[87] (WO2015/014931)
[30] EP (13178717.8) 2013-07-31

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[21] **2,919,866**
[13] A1

[51] **Int.Cl. H04R 1/10 (2006.01) H04B 5/00 (2006.01) H04R 25/00 (2006.01)**

[25] EN

[54] **TRANSMITTER WITH IMPROVED SENSITIVITY AND SHIELDING**

[54] **EMETTEUR AVEC UNE SENSIBILITE ET UN BLINDAGE AMELIORES**

[72] PARKINS, JOHN W., US

[71] RED TAIL HAWK CORPORATION, US

[85] 2016-01-28

[86] 2013-08-27 (PCT/US2013/056819)

[87] (WO2014/077927)

[30] US (61/694,481) 2012-08-29

[30] US (13/796,480) 2013-03-12

[21] **2,919,867**
[13] A1

[51] **Int.Cl. B65D 47/04 (2006.01) B65D 47/08 (2006.01)**

[25] EN

[54] **OVERSIZED ACTUATOR AND ACTUATOR ASSEMBLY FOR A PRESSURIZED PLASTIC VESSEL**

[54] **ACTIONNEUR SURDIMENSIONNE ET DISPOSITIF ACTIONNEUR DESTINE A UN CONTENANT EN PLASTIQUE SOUS PRESSION**

[72] CARPENTER, MICHAEL SCOTT, US

[72] CLAY, JOHN KEVIN, US

[72] PEREZ, RICARDO FELIX, US

[72] STERLING, DANIEL PETER, US

[71] MSD CONSUMER CARE, INC., US

[85] 2016-01-28

[86] 2014-07-28 (PCT/US2014/048359)

[87] (WO2015/017306)

[30] US (61/860,500) 2013-07-31

[21] **2,919,868**
[13] A1

[51] **Int.Cl. A61L 29/16 (2006.01) A61B 17/03 (2006.01) A61B 17/12 (2006.01) A61K 9/12 (2006.01) A61L 29/08 (2006.01) A61M 25/00 (2006.01) A61M 25/14 (2006.01)**

[25] EN

[54] **DELIVERY CATHETERS FOR IN SITU FORMING FOAMS**

[54] **CATHETERS D'APPORT DE MOUSSES A FORMATION IN SITU**

[72] FREYMAN, TOBY, US

[72] MORTENSEN, JENNIFER, US

[72] GROOM, JEFFREY, US

[71] ARSENAL MEDICAL, INC., US

[71] FREYMAN, TOBY, US

[71] MORTENSEN, JENNIFER, US

[71] GROOM, JEFFREY, US

[85] 2016-01-28

[86] 2014-08-29 (PCT/US2014/053388)

[87] (WO2015/031742)

[30] US (61/872,102) 2013-08-30

[21] **2,919,871**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/50 (2006.01)**

[25] EN

[54] **A GEOSTATISTICAL PROCEDURE FOR SIMULATION OF THE 3D GEOMETRY OF A NATURAL FRACTURE NETWORK CONDITIONED BY WELL BORE OBSERVATIONS**

[54] **PROCEDE GEOSTATISTIQUE DE SIMULATION DE LA GEOMETRIE 3D D'UN RESEAU DE FRACTURES NATURELLES CONDITIONNEE PAR DES OBSERVATIONS DE PUIITS DE FORAGE**

[72] SRIVASTAVA, RAE MOHAN, CA

[72] YARUS, JEFFREY MARC, US

[71] LANDMARK GRAPHICS CORPORATION, US

[85] 2016-01-28

[86] 2013-08-30 (PCT/US2013/057639)

[87] (WO2015/030809)

[21] **2,919,872**
[13] A1

[51] **Int.Cl. A01K 15/02 (2006.01) A63B 39/00 (2006.01) A63H 33/18 (2006.01)**

[25] EN

[54] **ANIMAL TRAINING AIDS AND TOYS**

[54] **ACCESSOIRES ET JOUETS DE DRESSAGE D'ANIMAUX**

[72] CAMPBELL, GEORGE GILES, AU

[72] DALEY, JUSTIN ANTHONY, AU

[71] MY CLEVER DOG PTY LTD, AU

[85] 2016-01-29

[86] 2015-02-27 (PCT/AU2015/000112)

[87] (WO2015/127502)

[30] AU (2014900641) 2014-02-27

[21] **2,919,873**
[13] A1

[51] **Int.Cl. F41G 1/46 (2006.01) F41B 5/14 (2006.01) F41G 1/467 (2006.01)**

[25] EN

[54] **AUTOMATIC PIN ADJUSTMENT FOR ARCHERY SIGHTS**

[54] **INDICATEUR DE REGLAGE DE MIRE AUTOMATIQUE POUR APPAREILS DE VISEE AU TIR A L'ARC**

[72] WASSMER, JEFFREY ALAN, US

[72] HAHN, DAVID EUGENE, US

[72] SIDEBOTTOM, JOSH, US

[71] BEAR ARCHERY, INC., US

[85] 2016-01-28

[86] 2014-09-15 (PCT/US2014/055590)

[87] (WO2015/041972)

[30] US (61/878,822) 2013-09-17

[30] US (62/015,776) 2014-06-23

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[21] **2,919,874**
[13] A1

[51] **Int.Cl. C09K 8/524 (2006.01) E21B 31/03 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **ASPHALTENE-DISSOLVING OIL-EXTERNAL EMULSION FOR ACIDIZATION AND METHODS OF USING THE SAME**

[54] **EMULSION A PHASE CONTINUE HUILEUSE DISSOLVANT LES ASPHALTENES POUR L'ACIDIFICATION ET SES PROCEDES D'UTILISATION**

[72] ALAM, MD MONSUR, US

[72] OLIVEIRA, HUMBERTO ALMEIDA, US

[72] LI, WEIMING, US

[72] MAXEY, JASON, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-01-28

[86] 2013-09-11 (PCT/US2013/059255)

[87] (WO2015/038117)

[21] **2,919,875**
[13] A1

[51] **Int.Cl. H01M 8/04 (2016.01) H01M 4/86 (2006.01) H01M 8/10 (2016.01)**

[25] EN

[54] **FUEL CELL FLOW CHANNELS AND FLOW FIELDS**

[54] **CANAUX D'ECOULEMENT DE PILE A COMBUSTIBLE ET CHAMPS D'ECOULEMENT**

[72] LEGER, DAVID EARL, CA

[72] MONTIE, GREG JOHN, CA

[71] POWERDISC DEVELOPMENT CORPORATION LTD., CA

[85] 2016-01-29

[86] 2013-08-14 (PCT/CA2013/050627)

[87] (WO2014/026288)

[30] US (61/683,156) 2012-08-14

[30] US (61/712,010) 2012-10-10

[30] US (61/712,236) 2012-10-10

[21] **2,919,876**
[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) E21B 7/12 (2006.01)**

[25] EN

[54] **SPONGE PRESSURE EQUALIZATION SYSTEM**

[54] **SYSTEME D'EGALISATION DE PRESSION D'EPONGE**

[72] DELMAR, LUDOVIC, BE

[72] CHE, KHAC NGUYEN, BE

[72] CHAUVIERE, AURELIEN, BE

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-01-28

[86] 2013-09-13 (PCT/US2013/059700)

[87] (WO2015/038143)

[21] **2,919,877**
[13] A1

[51] **Int.Cl. C23C 28/00 (2006.01) C23C 18/16 (2006.01) C25D 5/18 (2006.01)**

[25] EN

[54] **SINGLE SOLUTION FOR ELECTRO-ELECTROLESS DEPOSITION OF METALS**

[54] **SOLUTION UNIQUE POUR DEPOT ELECTROLYTIQUE ET AUTOCATALYTIQUE DE METAUX**

[72] SCHLESINGER, MORDECHAY, CA

[72] PETRO, ROBERT, CA

[71] UNIVERSITY OF WINDSOR, CA

[85] 2016-01-29

[86] 2014-06-02 (PCT/CA2014/000472)

[87] (WO2015/017913)

[30] US (61/864,135) 2013-08-09

[21] **2,919,878**
[13] A1

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

[25] EN

[54] **REFINING SEARCH QUERY RESULTS**

[54] **AFFINAGE DE RESULTATS DE REQUETE DE RECHERCHE**

[72] WEEKS, ANDREW, US

[71] TD AMERITRADE IP COMPANY, INC., US

[85] 2016-01-28

[86] 2013-09-19 (PCT/US2013/060647)

[87] (WO2015/023304)

[30] US (13/964,483) 2013-08-12

[21] **2,919,879**
[13] A1

[51] **Int.Cl. B24B 23/00 (2006.01) B24B 55/10 (2006.01)**

[25] EN

[54] **SANDING DEVICE, AND SANDING ASSEMBLY INCLUDING THE SAME**

[54] **DISPOSITIF DE SABLAGE, ET ENSEMBLE DE SABLAGE COMPRENANT CELUI-CI**

[72] ARVINTE, ROMEO, CA

[72] PANFILI, FRANCOIS, CA

[71] A. RICHARD TOOLS CO./OUTILS A. RICHARD CO., CA

[85] 2016-01-29

[86] 2014-05-05 (PCT/CA2014/050427)

[87] (WO2015/013810)

[30] US (61/861,193) 2013-08-01

[30] CA (2822631) 2013-08-01

[21] **2,919,880**
[13] A1

[51] **Int.Cl. H04L 12/853 (2013.01) H04L 12/835 (2013.01)**

[25] EN

[54] **COMMUNICATIONS TERMINAL AND METHOD**

[54] **TERMINAL ET PROCEDE DE COMMUNICATION**

[72] WAKABAYASHI, HIDEJI, GB

[72] WEBB, MATTHEW WILLIAM, GB

[71] SONY CORPORATION, JP

[85] 2016-01-29

[86] 2014-07-02 (PCT/GB2014/052000)

[87] (WO2015/019042)

[30] EP (13179483.6) 2013-08-06

[21] **2,919,881**
[13] A1

[51] **Int.Cl. A47L 9/04 (2006.01)**

[25] EN

[54] **CLEANER HEAD FOR A VACUUM CLEANER**

[54] **TETE DE NETTOYAGE POUR ASPIRATEUR**

[72] MCVEY, THOMAS MICHAEL, GB

[71] DYSON TECHNOLOGY LIMITED, GB

[85] 2016-01-29

[86] 2014-07-24 (PCT/GB2014/052257)

[87] (WO2015/015165)

[30] GB (1313705.4) 2013-07-31

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[21] **2,919,882**
[13] A1

[51] **Int.Cl. A47L 9/04 (2006.01) A47L 9/06 (2006.01)**
[25] EN
[54] **CLEANER HEAD FOR A VACUUM CLEANER**
[54] **TETE DE NETTOYAGE POUR ASPIRATEUR**
[72] ISLEY, DAVID ANDREW, GB
[72] MCVEY, THOMAS MICHAEL, GB
[72] COURTNEY, STEPHEN BENJAMIN, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2016-01-29
[86] 2014-07-24 (PCT/GB2014/052259)
[87] (WO2015/015167)
[30] GB (1313707.0) 2013-07-31

[21] **2,919,883**
[13] A1

[51] **Int.Cl. F01D 21/04 (2006.01)**
[25] EN
[54] **FAN TRACK LINER**
[54] **CHEMISAGE POUR VOIE DE SOUFFLANTE**
[72] GRAINGER, PHILIP STANLEY, GB
[71] COMPOSITE TECHNOLOGY AND APPLICATIONS LIMITED, GB
[85] 2016-01-29
[86] 2014-07-30 (PCT/GB2014/052343)
[87] (WO2015/015208)
[30] GB (1313594.2) 2013-07-30

[21] **2,919,884**
[13] A1

[51] **Int.Cl. A47C 17/04 (2006.01) A47C 17/02 (2006.01) A47C 17/14 (2006.01) A47C 17/16 (2006.01) A47C 23/00 (2006.01)**
[25] EN
[54] **BED TO A SOFA CONVERSION FRAME**
[54] **STRUCTURE DE CONVERSION D'UN LIT EN CANAPE**
[72] NAULT, BRIAN, US
[71] BED TO A SOFA CONVERSION COMPANY, LLC, US
[85] 2016-01-28
[86] 2014-07-28 (PCT/US2014/048410)
[87] (WO2015/017323)
[30] US (61/859,649) 2013-07-29

[21] **2,919,885**
[13] A1

[51] **Int.Cl. A61L 2/18 (2006.01) C11D 17/04 (2006.01) D21H 21/36 (2006.01) G06Q 50/22 (2012.01) A01N 25/34 (2006.01) A61L 2/28 (2006.01) G09F 3/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR DECONTAMINATING MEDICAL EQUIPMENT ITEMS AND TRACKING DECONTAMINATION PROCESS**
[54] **SYSTEME DE DECONTAMINATION D'EQUIPEMENTS MEDICAUX ET DE SUIVI DU PROCESSUS DE DECONTAMINATION**
[72] SWINNEY, PAUL, GB
[71] TRISTEL PLC, GB
[85] 2016-01-29
[86] 2014-09-10 (PCT/GB2014/052743)
[87] (WO2015/040366)
[30] GB (1316519.6) 2013-09-17

[21] **2,919,886**
[13] A1

[51] **Int.Cl. F04C 2/107 (2006.01) F04C 13/00 (2006.01)**
[25] EN
[54] **IMPROVED STATOR ASSEMBLY FOR PROGRESSIVE CAVITY PUMPING SYSTEMS**
[54] **ENSEMBLE DE STATOR AMELIORE POUR SYSTEMES DE POMPAGE A CAVITE PROGRESSIVE**
[72] KAEFER, MARTIN, CA
[72] GRENKE, WESLEY, CA
[72] MARSHALL, EVERETT, CA
[71] LUFKIN INDUSTRIES, LLC, US
[85] 2016-01-28
[86] 2014-07-29 (PCT/US2014/048524)
[87] (WO2015/017358)
[30] US (61/861,802) 2013-08-02

[21] **2,919,887**
[13] A1

[51] **Int.Cl. B60G 7/00 (2006.01) B60G 9/00 (2006.01) F16F 1/38 (2006.01)**
[25] EN
[54] **CROSS ARM BUSHING ASSEMBLY USEFUL FOR VEHICLE SUSPENSION**
[54] **ENSEMBLE DOUILLE DE CROISSILLON UTILE POUR UNE SUSPENSION DE VEHICULE**
[72] NOBLE, SHAWN D., US
[72] VAN METER, MATTHEW J., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2016-01-28
[86] 2014-07-29 (PCT/US2014/048541)
[87] (WO2015/017369)
[30] US (13/956,590) 2013-08-01

[21] **2,919,888**
[13] A1

[51] **Int.Cl. C07F 5/02 (2006.01) A61K 31/69 (2006.01) A61P 31/04 (2006.01) A61P 31/06 (2006.01)**
[25] EN
[54] **TRICYCLIC BENZOXABOROLE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DE BENZOXABOROLE TRICYCLIQUE ET LEURS UTILISATIONS**
[72] ALLEY, M.R.K. (DICKON), US
[72] HERNANDEZ, VINCENT S., US
[72] PLATTNER, JACOB J., US
[72] LI, XIANFENG, US
[72] BARROS-AGUIRRE, DAVID, US
[72] GIORDANO, ILARIA, US
[71] ANACOR PHARMACEUTICALS, INC., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2016-01-28
[86] 2014-08-08 (PCT/US2014/050370)
[87] (WO2015/021396)
[30] US (61/864,496) 2013-08-09
[30] US (61/918,976) 2013-12-20

PCT Applications Entering the National Phase

[21] **2,919,889**
[13] A1

[51] **Int.Cl. B65D 83/14 (2006.01) C08L 67/02 (2006.01) C09K 3/30 (2006.01)**
[25] EN
[54] **AEROSOL PLASTIC CONTAINER MADE FROM AN ISOSORBIDE CONTAINING COPOLYESTER AND AEROSOL DISPENSER COMPRISING SAID AEROSOL PLASTIC CONTAINER**
[54] **RECIPIENT EN MATIERE PLASTIQUE POUR AEROSOL FABRIQUE A PARTIR D'UN COPOLYESTER CONTENANT UN ISOSORBIDE ET DISTRIBUTEUR D'AEROSOL COMPRENANT LEDIT RECIPIENT EN MATIERE PLASTIQUE POUR AEROSOL**
[72] DEGROOTE, LAURENT, FR
[72] DESSAINT, ALAIN, BE
[72] JANSEN, COR, NL
[71] PLASTIPAK BAWT S.A.R.L., LU
[85] 2016-01-28
[86] 2014-08-07 (PCT/EP2014/066958)
[87] (WO2015/022254)
[30] EP (13180376.9) 2013-08-14

[21] **2,919,890**
[13] A1

[51] **Int.Cl. B65G 69/28 (2006.01)**
[25] EN
[54] **SAFETY SYSTEMS FOR VERTICALLY STORING DOCK LEVELERS**
[54] **SYSTEMES DE SECURITE POUR STOCKER VERTICALEMENT DES DISPOSITIFS DE MISE A NIVEAU DE QUAI**
[72] SVEUM, MATTHEW, US
[72] MUHL, TIMOTHY, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2016-01-28
[86] 2014-08-12 (PCT/US2014/050716)
[87] (WO2015/023666)
[30] US (13/965,730) 2013-08-13

[21] **2,919,891**
[13] A1

[51] **Int.Cl. B65G 69/28 (2006.01)**
[25] EN
[54] **SAFETY SYSTEMS FOR VERTICALLY STORING DOCK LEVELERS**
[54] **SYSTEMES DE SECURITE POUR STOCKER VERTICALEMENT DES RAMPES DE MISE A NIVEAU**
[72] SVEUM, MATTHEW, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2016-01-28
[86] 2014-08-12 (PCT/US2014/050721)
[87] (WO2015/023669)
[30] US (13/965,730) 2013-08-13
[30] US (14/204,987) 2014-03-11

[21] **2,919,892**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 31/485 (2006.01) A61K 47/30 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **EXTRUDED IMMEDIATE RELEASE ABUSE DETERRENT PILL**
[54] **COMPRIME EXTRUDE ANTI-ABUS A LIBERATION IMMEDIATE**
[72] THOMPSON, EDWIN R., US
[72] THOMPSON, ERIC R., US
[72] MYSLINSKI, NICHOLAS R., US
[72] KEMENY, STEVEN F., US
[71] PHARMACEUTICAL MANUFACTURING RESEARCH SERVICES, INC., US
[85] 2016-01-28
[86] 2014-08-12 (PCT/US2014/050737)
[87] (WO2015/023675)
[30] US (61/864,926) 2013-08-12
[30] US (61/980,242) 2014-04-16
[30] US (14/457,714) 2014-08-12

[21] **2,919,894**
[13] A1

[51] **Int.Cl. E02D 17/20 (2006.01) E02B 3/12 (2006.01) E02B 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR STABILIZING SLOPES AND EMBANKMENTS WITH SOIL LOAD TRANSFER PLATES**
[54] **PROCEDE ET APPAREIL POUR STABILISER DES PENTES ET DES TALUS AVEC DES PLAQUES DE TRANSFERT DE CHARGE DE SOL**
[72] PRASHAR, YOGESH, US
[72] SHORT, RICHARD, US
[72] SMITH, MIRIAM, US
[71] GEOPIER FOUNDATION COMPANY, INC., US
[85] 2016-01-28
[86] 2014-08-14 (PCT/US2014/050999)
[87] (WO2015/023812)
[30] US (61/865,758) 2013-08-14

[21] **2,919,896**
[13] A1

[51] **Int.Cl. A61M 1/10 (2006.01) F04D 29/041 (2006.01) F04D 29/18 (2006.01)**
[25] EN
[54] **IMPELLER FOR AXIAL FLOW PUMP**
[54] **HELICE POUR POMPE A FLUX AXIAL**
[72] TASKIN, MUSTAFA ERTAN, US
[71] HEARTWARE, INC., US
[85] 2016-01-28
[86] 2014-08-14 (PCT/US2014/051069)
[87] (WO2015/023850)
[30] US (61/865,672) 2013-08-14
[30] US (62/013,271) 2014-06-17

Demandes PCT entrant en phase nationale

[21] **2,919,899**
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **UPLINK CONTROL INFORMATION SENDING METHOD, AND USER EQUIPMENT AND BASE STATION**

[54] **PROCEDE D'ENVOI D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE, ET EQUIPEMENT UTILISATEUR ET STATION DE BASE**

[72] YANG, WEIWEI, CN
[72] DAI, BO, CN
[72] LIANG, CHUNLI, CN
[72] XIA, SHUQIANG, CN
[72] FANG, HUIYING, CN
[71] ZTE CORPORATION, CN
[85] 2016-01-29
[86] 2014-05-22 (PCT/CN2014/078144)
[87] (WO2014/173351)
[30] CN (201310332687.4) 2013-08-01

[21] **2,919,902**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **GROUND-TRANSPORTATION NETWORK REPRESENTATION**

[54] **REPRESENTATION DE RESEAU DE TRANSPORT TERRESTRE**

[72] COMI, MARCO, FR
[72] GALLIERA, MIKE, CA
[72] SANCHEZ, CLAUDI, FR
[72] CORDESSES, JOEL, FR
[71] AMADEUS S.A.S., FR
[85] 2016-01-29
[86] 2014-08-12 (PCT/EP2014/002213)
[87] (WO2015/024639)
[30] EP (13 290 194.3) 2013-08-19
[30] US (13/969,856) 2013-08-19

[21] **2,919,903**
[13] A1

[51] **Int.Cl. F23J 1/00 (2006.01) F23J 11/00 (2006.01)**
[25] EN
[54] **CONVECTIVE HEAT TRANSFER FLUE**

[54] **CONDUIT DE TRANSFERT DE CHALEUR CONVECTIF**

[72] MA, CHENGGUO, CN
[71] MA, CHENGGUO, CN
[85] 2016-01-29
[86] 2014-08-01 (PCT/CN2014/083532)
[87] (WO2015/014314)
[30] CN (201310343824.4) 2013-08-02

[21] **2,919,904**
[13] A1

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 9/44 (2006.01) G06F 13/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OBTAINING A CONFIGURATION PROFILE**

[54] **PROCEDE ET SYSTEME D'OBTENTION DE PROFIL DE CONFIGURATION**

[72] MAO, JOSEPH WENHOW, US
[72] SLATER, RICHARD LEE, US
[71] INTUIT INC., US
[85] 2016-01-29
[86] 2013-07-31 (PCT/US2013/053025)
[87] (WO2015/016910)
[30] US (13/954,871) 2013-07-30

[21] **2,919,905**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/517 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) C07D 401/06 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **OXOQUINAZOLINYL-BUTANAMIDE DERIVATIVES**

[54] **DERIVES OXOQUINAZOLINYL-BUTANAMIDE**

[72] DORSCH, DIETER, DE
[72] BUCHSTALLER, HANS-PETER, DE
[71] MERCK PATENT GMBH, DE
[85] 2016-01-29
[86] 2014-07-10 (PCT/EP2014/001895)
[87] (WO2015/014442)
[30] EP (13003815.1) 2013-07-31

[21] **2,919,906**
[13] A1

[51] **Int.Cl. C09D 5/26 (2006.01) C09D 11/00 (2014.01)**
[25] EN
[54] **INTERACTIVE COATING FOR END PRINTING**

[54] **REVETEMENT INTERACTIF POUR IMPRESSION FINALE**

[72] OWEN, TIMOTHY J., US
[71] CHROMATIC TECHNOLOGIES INC., US
[85] 2016-01-29
[86] 2013-08-01 (PCT/US2013/053288)
[87] (WO2014/022703)
[30] US (61/678,552) 2012-08-01

[21] **2,919,907**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/385 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **PEPTIDE VACCINES BASED ON THE EGFRVIII SEQUENCE FOR THE TREATMENT OF TUMORS**

[54] **VACCINS PEPTIDIQUES BASES SUR LA SEQUENCE EGFRVIII DANS LE TRAITEMENT DE TUMEURS**

[72] WONG, ALBERT J., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2016-01-29
[86] 2013-08-02 (PCT/US2013/053521)
[87] (WO2014/022835)
[30] US (61/678,800) 2012-08-02

[21] **2,919,908**
[13] A1

[51] **Int.Cl. D21H 21/42 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **OPTICALLY VARIABLE SECURITY THREADS AND STRIPES**

[54] **FILS ET BANDES DE SECURITE A VARIATION OPTIQUE**

[72] RITTER, GEBHARD, CH
[72] LI, XIANG, CN
[72] DEGOTT, PIERRE, CH
[72] YUAN, FANG, CN
[71] SICPA HOLDING SA, CH
[71] CHINA BANKNOTE SICPA SECURITY INK CO., LTD., CN
[85] 2016-01-29
[86] 2013-10-11 (PCT/CN2013/085015)
[87] (WO2015/051523)

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[21] **2,919,910**
[13] A1

[51] **Int.Cl. G01S 7/35 (2006.01) G01F 23/284 (2006.01) G01S 7/40 (2006.01) G01S 13/34 (2006.01) G01S 13/88 (2006.01)**

[25] EN

[54] **DISPERSION CORRECTION FOR FMCW RADAR IN A PIPE OR TUBE**

[54] **CORRECTION DE DISPERSION DE RADAR FMCW DANS UN TUYAU OU UN TUBE**

[72] MALINOVSKIY, ALEXEY, DE

[72] PFLUGER, STEFAN, DE

[72] MAYER, WINFRIED, DE

[71] ENDRESS+HAUSER GMBH+CO. KG, DE

[85] 2016-01-29

[86] 2014-07-08 (PCT/EP2014/064572)

[87] (WO2015/018586)

[30] DE (10 2013 108 490.7) 2013-08-07

[21] **2,919,911**
[13] A1

[51] **Int.Cl. H04L 1/02 (2006.01) H04L 1/08 (2006.01)**

[25] EN

[54] **COMMUNICATIONS SYSTEM, INFRASTRUCTURE EQUIPMENT AND METHOD**

[54] **SYSTEME DE COMMUNICATIONS, EQUIPEMENT D'INFRASTRUCTURE ET PROCEDE**

[72] MORIOKA, YUICHI, GB

[71] SONY CORPORATION, JP

[85] 2016-01-29

[86] 2014-07-16 (PCT/EP2014/065285)

[87] (WO2015/018616)

[30] EP (13179490.1) 2013-08-06

[21] **2,919,913**
[13] A1

[51] **Int.Cl. B65G 21/12 (2006.01) B02C 21/02 (2006.01)**

[25] EN

[54] **MOBILE BULK MATERIAL PROCESSING APPARATUS WITH SLEWING CONVEYOR**

[54] **DISPOSITIF MOBILE DE TRAITEMENT DE MATIERES EN VRAC A CONVOYEUR ORIENTABLE**

[72] MCDEVITT, TERRY, IE

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[85] 2016-01-29

[86] 2014-06-26 (PCT/EP2014/063528)

[87] (WO2015/022111)

[30] EP (13180378.5) 2013-08-14

[21] **2,919,914**
[13] A1

[51] **Int.Cl. G05B 19/042 (2006.01)**

[25] EN

[54] **ELECTRONIC DEVICE PROTECTED AGAINST TAMPERING**

[54] **DISPOSITIF ELECTRONIQUE PROTEGE CONTRE L'ALTERATION**

[72] FINK, NIKOLAI, CH

[72] UMKEHRER, ALFRED, DE

[72] KRETZLER, TIMO, DE

[72] STAUDT, WILHELM, CH

[71] ENDRESS+HAUSER FLOWTEC AG, CH

[85] 2016-01-29

[86] 2014-07-08 (PCT/EP2014/064576)

[87] (WO2015/024699)

[30] DE (10 2013 109 096.6) 2013-08-22

[21] **2,919,920**
[13] A1

[51] **Int.Cl. H04L 1/02 (2006.01) H04L 1/08 (2006.01)**

[25] EN

[54] **USER DEVICE FOR COMMUNICATING DATA AND METHOD**

[54] **DISPOSITIF UTILISATEUR PERMETTANT DE COMMUNIQUER DES DONNEES, ET PROCEDE ASSOCIE**

[72] MORIOKA, YUICHI, GB

[71] SONY CORPORATION, JP

[85] 2016-01-29

[86] 2014-07-16 (PCT/EP2014/065296)

[87] (WO2015/018617)

[30] EP (13179486.9) 2013-08-06

[21] **2,919,922**
[13] A1

[51] **Int.Cl. B32B 7/12 (2006.01) B60R 13/06 (2006.01) B62D 25/24 (2006.01) B29C 73/10 (2006.01)**

[25] EN

[54] **BLANK, IN PARTICULAR FOR PERMANENTLY CLOSING HOLES**

[54] **PIECE DECOUPEE, EN PARTICULIER DESTINEE A L'OBTURATION PERMANENTE DE TROUS**

[72] NIEMEYER, THOMAS, DE

[72] STRICKER, RAINER, DE

[71] TESA SE, DE

[85] 2016-01-29

[86] 2014-07-23 (PCT/EP2014/065807)

[87] (WO2015/024725)

[30] DE (102013216778.4) 2013-08-23

[21] **2,919,924**
[13] A1

[51] **Int.Cl. G01N 21/25 (2006.01) E21B 49/08 (2006.01) G01N 21/33 (2006.01) C09K 8/528 (2006.01)**

[25] EN

[54] **CONCENTRATION DETERMINING METHOD AND SYSTEM**

[54] **METHODE ET SYSTEME POUR DETERMINER UNE CONCENTRATION**

[72] HURST, SHAUN RAYMOND, GB

[72] JONES, RODERIC LEWIS, GB

[71] BP EXPLORATION OPERATING COMPANY LIMITED, GB

[85] 2016-01-29

[86] 2014-07-23 (PCT/EP2014/065857)

[87] (WO2015/014694)

[30] EP (13178796.2) 2013-07-31

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[21] **2,919,927**
[13] A1

[51] **Int.Cl. B61F 1/00 (2006.01)**
[25] FR
[54] **STRUCTURE MADE FROM COMPOSITE MATERIALS FOR A CARRIAGE CHASSIS**
[54] **STRUCTURE EN MATERIAUX COMPOSITES POUR CHASSIS DE WAGON**
[72] VALVERDE, JACQUES, FR
[72] FUCHS, JEAN-FRANCOIS, FR
[72] AUBERON, MARCEL, FR
[71] AIRBUS DEFENSE AND SPACE SAS, FR
[85] 2016-01-29
[86] 2014-07-29 (PCT/EP2014/066236)
[87] (WO2015/014819)
[30] FR (1357688) 2013-08-02

[21] **2,919,928**
[13] A1

[51] **Int.Cl. G02C 5/00 (2006.01)**
[25] EN
[54] **SHEET FOR MANUFACTURING ARTICLES, PARTICULARLY GLASSES AND THE LIKE, AND ASSOCIATED MANUFACTURING PROCESS**
[54] **FEUILLE POUR LA FABRICATION D'ARTICLES, EN PARTICULIER DES VERRES ET ANALOGUES, ET PROCEDE DE FABRICATION ASSOCIE**
[72] BUFFA, FEDERICO GIANLUIGI, IT
[71] LUXOTTICA S.R.L., IT
[85] 2016-01-29
[86] 2014-07-29 (PCT/EP2014/066249)
[87] (WO2015/018692)
[30] IT (MI2013A001336) 2013-08-05

[21] **2,919,932**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF ANTI-MUC1 MAYTANSINOID IMMUNOCONJUGATE ANTIBODY FOR THE TREATMENT OF SOLID TUMORS**
[54] **UTILISATION D'UN ANTICORPS D'IMMUNOCONJUGUE ANTI-MUC1 MAYTANSINOIDE POUR LE TRAITEMENT DE TUMEURS SOLIDES**
[72] ASSADOURIAN, SYLVIE, FR
[72] MIGNARD, DOMINIQUE, FR
[71] SANOFI, FR
[85] 2016-01-29
[86] 2014-07-30 (PCT/EP2014/066345)
[87] (WO2015/014879)
[30] EP (13306119.2) 2013-08-02

[21] **2,919,939**
[13] A1

[51] **Int.Cl. C12P 19/02 (2006.01) C08H 7/00 (2011.01) C08B 1/00 (2006.01)**
[25] EN
[54] **PROCESSES AND APPARATUS FOR LIGNIN SEPARATION IN BIOREFINERIES**
[54] **PROCEDES ET APPAREIL POUR SEPARER LA LIGNINE EN BIORAFFINERIES**
[72] RETSINA, THEODORA, US
[72] PYLKKANEN, VESA, US
[72] NELSON, KIMBERLY, US
[72] SZCZEPANIK, MARK, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
[85] 2016-01-29
[86] 2013-08-06 (PCT/US2013/053673)
[87] (WO2014/025710)
[30] US (61/679,793) 2012-08-06
[30] US (13/959,705) 2013-08-05

[21] **2,919,942**
[13] A1

[51] **Int.Cl. C12N 11/04 (2006.01) B82Y 5/00 (2011.01) B82Y 30/00 (2011.01) A61K 38/00 (2006.01) B01J 13/14 (2006.01) C12N 9/96 (2006.01) C12N 11/14 (2006.01)**
[25] EN
[54] **BIOCATALYTICAL COMPOSITION**
[54] **COMPOSITION BIOCATALYTIQUE**
[72] SHAHGALDIAN, PATRICK, FR
[72] CORRERO-SHAHGALDIAN, MARIA-RITA, FR
[72] CUMBO, ALESSANDRO, CH
[72] CORVINI, PHILIPPE FRANCOIS-XAVIER, FR
[71] INOFEA GMBH, CH
[85] 2016-01-29
[86] 2014-07-30 (PCT/EP2014/066365)
[87] (WO2015/014888)
[30] EP (13178504.0) 2013-07-30

[21] **2,919,944**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/44 (2006.01)**
[25] FR
[54] **SYSTEM FOR PRODUCING BEVERAGES BY INFUSION**
[54] **SYSTEME DE PRODUCTION DE BOISSONS PAR INFUSION**
[72] BLANC, JEAN-PIERRE, FR
[72] THIBAUT, BERTRAND, FR
[71] COMPAGNIE MEDITERRANEENNE DES CAFES, FR
[85] 2016-01-29
[86] 2014-07-30 (PCT/EP2014/066439)
[87] (WO2015/014916)
[30] FR (1357545) 2013-07-30

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[21] **2,919,945**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01)**

[25] EN

[54] **HANDLE ASSEMBLY FOR IMPLANT DELIVERY APPARATUS COMPRISING A FORCE LIMITER, A DISPLACEMENT LIMITER AND/OR A BRAKE FRAME ASSEMBLY**

[54] **ENSEMBLE POIGNEE POUR APPAREIL DE POSE D'IMPLANT COMPRENANT UN LIMITEUR DE FORCE, UN LIMITEUR DE DEPLACEMENT ET/OU UN ENSEMBLE CADRE DE FREINAGE**

[72] LIM, HOU-SEN, SG

[72] GOTZ, WOLFGANG, DE

[71] TRANSCATHETER TECHNOLOGIES GMBH, DE

[85] 2016-01-29

[86] 2014-07-31 (PCT/EP2014/066479)

[87] (WO2015/014932)

[30] EP (13178715.2) 2013-07-31

[21] **2,919,946**
[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) G01N 21/17 (2006.01)**

[25] EN

[54] **DRILLING FLUID ANALYSIS USING TIME-OF-FLIGHT MASS SPECTROMETRY**

[54] **ANALYSE DES BOUES DE FORAGE PAR SPECTROMETRIE DE MASSE A TEMPS DE VOL**

[72] ROWE, MATHEW D., US

[72] MUIRHEAD, DAVID, GB

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-01-29

[86] 2013-08-22 (PCT/US2013/056297)

[87] (WO2015/026361)

[21] **2,919,947**
[13] A1

[51] **Int.Cl. D06P 1/00 (2006.01) D06B 11/00 (2006.01) D06M 11/00 (2006.01)**

[25] EN

[54] **RING DYED POLYMER TREATED MATERIALS**

[54] **MATIERES TRAITÉES AU MOYEN D'UN POLYMERE PAR COLORATION EN ANNEAU**

[72] FINLEY, RANDOLPH L., US

[71] TEXSTREAM TECHNOLOGIES LLC, US

[85] 2016-01-29

[86] 2013-08-23 (PCT/US2013/056371)

[87] (WO2014/035817)

[30] US (61/693,263) 2012-08-25

[21] **2,919,948**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/517 (2006.01) C07D 239/91 (2006.01) C07D 401/04 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **NOVEL QUINAZOLINONES AS BROMODOMAIN INHIBITORS**

[54] **NOUVELLES QUINAZOLONES EN TANT QU'INHIBITEURS DE BROMODOMAINE**

[72] QUINN, JOHN FREDERICK, US

[72] KHLEBNIKOV, VLADIMIR, CA

[71] ZENITH EPIGENETICS CORP., CA

[85] 2016-01-29

[86] 2014-07-30 (PCT/IB2014/002510)

[87] (WO2015/015318)

[30] US (61/860,403) 2013-07-31

[21] **2,919,949**
[13] A1

[51] **Int.Cl. H01L 31/052 (2014.01) F24J 2/00 (2014.01)**

[25] EN

[54] **THREE-DIMENSIONAL THERMAL OR PHOTOVOLTAIC SOLAR PANEL WITH INTEGRAL HOLOGRAPH**

[54] **PANNEAU SOLAIRE TRIDIMENSIONNEL THERMIQUE OU PHOTOVOLTAIQUE A HOLOGRAPHIE INCORPOREE**

[72] CALO LOPEZ, ANTONIO, ES

[72] VILLAMARIN VILLEGAS, AYALID MIRLYDETH, ES

[72] RODRIGUEZ SAN SEGUNDO, HUGO JOSE, ES

[71] INSTITUTO HOLOGRAFICO ANDALUZ, S.L., ES

[85] 2016-01-29

[86] 2014-08-01 (PCT/ES2014/070630)

[87] (WO2015/015041)

[30] ES (P201331199) 2013-08-01

[21] **2,919,950**
[13] A1

[51] **Int.Cl. C02F 9/00 (2006.01) C02F 1/44 (2006.01) E04H 4/00 (2006.01) C02F 1/00 (2006.01) C02F 1/52 (2006.01) C02F 1/72 (2006.01)**

[25] EN

[54] **FLOATING LAKE SYSTEM AND METHODS OF TREATING WATER WITHIN A FLOATING LAKE**

[54] **SYSTEME DE LAC FLOTTANT ET PROCEDES DE TRAITEMENT DE L'EAU DANS UN LAC FLOTTANT**

[72] FISCHMANN, FERNANDO BENJAMIN, CL

[71] CRYSTAL LAGOONS (CURACAO) B.V., NL

[85] 2016-01-29

[86] 2014-11-04 (PCT/IB2014/002991)

[87] (WO2015/068042)

[30] US (61/900,308) 2013-11-05

[30] US (14/531,395) 2014-11-03

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[21] **2,919,952**
[13] A1

[51] **Int.Cl. A61K 31/404 (2006.01) A61K 31/185 (2006.01) A61K 38/17 (2006.01) A61P 21/00 (2006.01) C07D 209/12 (2006.01)**

[25] EN

[54] **METHODS OF TREATING MUSCULAR DYSTROPHY**

[54] **METHODES DE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE**

[72] BURKIN, DEAN, US

[72] WUEBBLES, RYAN, US

[71] BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION, ON BEHALF OF THE UNIVERSITY OF NEVADA, RENO, US

[85] 2016-01-29

[86] 2014-03-14 (PCT/US2014/029085)

[87] (WO2014/144606)

[30] US (61/798,479) 2013-03-15

[21] **2,919,953**
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **NOVEL INDAZOLE COMPOUNDS AND A PROCESS FOR THE PREPARATION THEREOF**

[54] **NOUVEAUX COMPOSES D'INDAZOLE ET LEUR PROCEDE DE PREPARATION**

[72] REDDY, DUMBALA SRINIVASA, IN

[72] SAXENA, CHAITANYA, IN

[72] KOMIRISHETTY, KASHINATH, IN

[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN

[71] SHANTANI PROTEOME ANALYTICS PVT. LTD, IN

[85] 2016-01-29

[86] 2014-07-31 (PCT/IN2014/000507)

[87] (WO2015/015519)

[30] IN (2296/DEL/2013) 2013-07-31

[21] **2,919,954**
[13] A1

[51] **Int.Cl. G01N 33/564 (2006.01)**

[25] EN

[54] **METHOD FOR PROGNOSIS OF THE EFFICACY OF ORAL IMMUNOTHERAPY FOR THE TREATMENT OF ALLERGY TO PROTEINS IN COW'S MILK**

[54] **METHODE PERMETTANT DE PRONOSTIQUER L'EFFICACITE DE L'IMMUNOTHERAPIE PAR VOIE ORALE POUR LE TRAITEMENT DE L'ALLERGIE AUX PROTEINES DU LAIT DE VACHE**

[72] DE LA HOZ CABALLER, MA BELEN, ES

[72] MARTINEZ BOTAS, JAVIER, ES

[72] CERECEDO CARBALLO, INMACULADA, ES

[72] FERNANDEZ RIVAS, MONTSERRAT, ES

[72] RODRIGUEZ ALVAREZ, MONICA, ES

[71] FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO RAMON Y CAJAL, ES

[71] FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL CLINICO SAN CARLOS, ES

[85] 2016-01-29

[86] 2014-08-01 (PCT/ES2014/070634)

[87] (WO2015/015043)

[30] ES (P201331200) 2013-08-01

[21] **2,919,955**
[13] A1

[51] **Int.Cl. B64D 25/14 (2006.01)**

[25] EN

[54] **EVACUATION SYSTEM PACKING DEVICE**

[54] **DISPOSITIF D'EMBALLAGE D'UN SYSTEME D'EVACUATION**

[72] DESHPANDE, JAYANT V., US

[72] CORONEL, MICHAEL, US

[71] GOODRICH CORPORATION, US

[85] 2016-01-29

[86] 2014-05-30 (PCT/US2014/040271)

[87] (WO2015/017020)

[30] US (13/955,452) 2013-07-31

[21] **2,919,956**
[13] A1

[51] **Int.Cl. B07C 5/342 (2006.01)**

[25] FR

[54] **AUTOMATIC METHOD AND FACILITY FOR CHARACTERISING AND/OR SORTING PACKAGES**

[54] **PROCEDE ET INSTALLATION AUTOMATIQUE POUR LA CARACTERISATION ET/OU LE TRI D'EMBALLAGES**

[72] BOURELY, ANTOINE, FR

[71] PELLENC SELECTIVE TECHNOLOGIES (SOCIETE ANONYME), FR

[85] 2016-01-29

[86] 2014-07-28 (PCT/FR2014/051949)

[87] (WO2015/015105)

[30] FR (1357657) 2013-08-01

[21] **2,919,957**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/95 (2013.01)**

[25] EN

[54] **HANDLE ASSEMBLY FOR IMPLANT DELIVERY APPARATUS COMPRISING A FORCE LIMITER, A DISPLACEMENT LIMITER AND/OR A BRAKE FRAME ASSEMBLY**

[54] **ENSEMBLE POIGNEE POUR APPAREIL DE POSE D'IMPLANT COMPRENANT UN LIMITEUR DE FORCE, UN LIMITEUR DE DEPLACEMENT ET/OU UN ENSEMBLE CADRE DE FREIN**

[72] LIM, HOU-SEN, SG

[72] GOTZ, WOLFGANG, DE

[71] TRANSCATHETER TECHNOLOGIES GMBH, DE

[85] 2016-01-29

[86] 2014-07-31 (PCT/EP2014/066481)

[87] (WO2015/014933)

[30] EP (13178719.4) 2013-07-31

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[21] **2,919,958**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) A61B 1/07 (2006.01)**
[25] EN
[54] **OCT PROBE WITH PIVOTING FIBER**
[54] **SONDE OCT COMPRENANT UNE FIBRE ROTATIVE**
[72] WHEATLEY, BARRY LYNN, US
[72] PARTO, KAMBIZ, US
[71] NOVARTIS AG, CH
[85] 2016-01-29
[86] 2014-06-03 (PCT/US2014/040742)
[87] (WO2015/038202)
[30] US (61/878,311) 2013-09-16
[30] US (14/267,548) 2014-05-01

[21] **2,919,959**
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING METHANOL USING AN INTEGRATED OXYGEN TRANSPORT MEMBRANE BASED REFORMING SYSTEM**
[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION DE METHANOL PAR UTILISATION D'UN SYSTEME INTEGRE DE REFORMAGE A BASE D'UNE MEMBRANE DE TRANSPORT D'OXYGENE**
[72] STUCKERT, INES C., US
[72] CHAKRAVARTI, SHRIKAR, US
[72] DRNEVICH, RAYMOND F., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2016-01-29
[86] 2014-06-18 (PCT/US2014/042917)
[87] (WO2015/034565)
[30] US (61/874,077) 2013-09-05

[21] **2,919,960**
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **SET COMPRISING A CATHETER AND A VALVE SUPPORTING IMPLANT**
[54] **ENSEMBLE COMPRENANT UN CATHETER ET UN IMPLANT SUPPORTANT UNE VALVE**
[72] LIM, HOU-SEN, SG
[72] GOTZ, WOLFGANG, DE
[71] TRANSCATHETER TECHNOLOGIES GMBH, DE
[85] 2016-01-29
[86] 2014-07-31 (PCT/EP2014/066537)
[87] (WO2015/014960)
[30] EP (13178718.6) 2013-07-31
[30] EP (13178719.4) 2013-07-31
[30] EP (13178717.8) 2013-07-31
[30] EP (13178715.2) 2013-07-31
[30] EP (14160061.9) 2014-03-14
[30] EP (14160065.0) 2014-03-14

[21] **2,919,961**
[13] A1

[51] **Int.Cl. H01J 37/20 (2006.01)**
[25] EN
[54] **ELECTRON MICROSCOPY SAMPLE SUPPORT COMPRISING POROUS METAL FOIL**
[54] **SUPPORT D'ECHANTILLON DE MICROSCOPIE ELECTRONIQUE COMPRENANT UNE FEUILLE DE METAL POREUSE**
[72] PASSMORE, LORI, GB
[72] RUSSO, CHRISTOPHER, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2016-01-29
[86] 2014-08-12 (PCT/GB2014/052454)
[87] (WO2015/022510)
[30] US (61/865,365) 2013-08-13
[30] GB (1319070.7) 2013-10-29
[30] GB (PCT/GB2014/051896) 2014-06-20

[21] **2,919,962**
[13] A1

[51] **Int.Cl. F28F 25/08 (2006.01)**
[25] EN
[54] **COOLING TOWER FILL**
[54] **REPLISSAGE DE TOUR DE REFROIDISSEMENT**
[72] SHIN, YOON K., US
[72] HARRISON, RICHARD H., US
[72] CHARLTON, RAYMOND, US
[72] EGOLF, KEVIN, US
[71] BALTIMORE AIRCOIL COMPANY, INC., US
[85] 2016-01-29
[86] 2014-06-26 (PCT/US2014/044257)
[87] (WO2015/017056)
[30] US (13/955,767) 2013-07-31

[21] **2,919,963**
[13] A1

[51] **Int.Cl. B21D 26/06 (2006.01) B21D 26/12 (2006.01)**
[25] FR
[54] **ELECTRO-HYDRAULIC FORMING MACHINE FOR THE PLASTIC DEFORMATION OF A PROJECTILE PART OF THE WALL OF A WORKPIECE TO BE FORMED**
[54] **MACHINE D'ELECTRO-HYDROFORMAGE POUR LA DEFORMATION PLASTIQUE D'UNE PARTIE PROJECTILE DE LA PAROI D'UNE PIECE A FORMER**
[72] PRIEM, DIDIER, FR
[72] RACINEUX, GUILLAUME, FR
[72] MANOHARAN, PRABU, FR
[71] ECOLE CENTRALE DE NANTES, FR
[85] 2016-01-29
[86] 2014-07-29 (PCT/FR2014/051964)
[87] (WO2015/015114)
[30] FR (1357632) 2013-08-01

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[21] **2,919,965**
[13] A1

[51] **Int.Cl. B60L 15/20 (2006.01) B60K 6/52 (2007.10) B60K 6/54 (2007.10) B60W 10/16 (2012.01) B60W 30/045 (2012.01) B60K 7/00 (2006.01) B60K 17/348 (2006.01) B60K 17/356 (2006.01) B60W 10/08 (2006.01) B60W 20/00 (2016.01) F16H 48/06 (2006.01) F16H 48/22 (2006.01)**

[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] HONDA, TOMOKAZU, JP
[72] KOBAYASHI, AKIYOSHI, JP
[72] YOSHIMI, SHINTARO, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2016-01-29
[86] 2014-07-30 (PCT/JP2014/069998)
[87] (WO2015/016236)
[30] JP (2013-159612) 2013-07-31

[21] **2,919,967**
[13] A1

[51] **Int.Cl. E21B 12/00 (2006.01) E21B 41/00 (2006.01) H02K 5/12 (2006.01)**

[25] EN
[54] **SUBMERSIBLE ELECTRICAL MACHINE AND METHOD**
[54] **MACHINE ELECTRIQUE SUBMERSIBLE ET PROCEDE**
[72] MILES, JEROME, US
[72] DAHLGREN, SCOTT, US
[72] BOSWELL, CRAIG, US
[72] WOLSTON, SCOTT, US
[72] ORBAN, JACQUES, US
[72] MADSEN, DANIEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-01-29
[86] 2014-07-11 (PCT/US2014/046262)
[87] (WO2015/017110)
[30] US (13/954,865) 2013-07-30

[21] **2,919,970**
[13] A1

[51] **Int.Cl. H04N 21/236 (2011.01) H04H 20/28 (2009.01) H04H 60/07 (2009.01) H04N 21/2389 (2011.01) H04N 21/4385 (2011.01)**

[25] EN
[54] **TRANSMITTING APPARATUS, TRANSMITTING METHOD, RECEIVING APPARATUS AND RECEIVING METHOD**
[54] **APPAREIL DE TRANSMISSION, PROCEDE DE TRANSMISSION, APPAREIL DE RECEPTION ET PROCEDE DE RECEPTION**
[72] KITAZATO, NAOHISA, JP
[71] SONY CORPORATION, JP
[85] 2016-01-29
[86] 2014-07-11 (PCT/JP2014/068644)
[87] (WO2015/022827)
[30] JP (2013-167605) 2013-08-12

[21] **2,919,966**
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01) H04M 3/56 (2006.01)**

[25] EN
[54] **INFORMATION PROCESSING APPARATUS AND DETERMINATION RESULT PROVIDING METHOD**
[54] **APPAREIL DE TRAITEMENT D'INFORMATION ET METHODE FOURNISSANT LA DETERMINATION DU RESULTAT**
[72] KATO, YOSHINAGA, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-01-29
[86] 2014-08-05 (PCT/JP2014/070602)
[87] (WO2015/020043)
[30] JP (2013-163166) 2013-08-06

[21] **2,919,968**
[13] A1

[51] **Int.Cl. G02F 1/025 (2006.01)**

[25] EN
[54] **OPTICAL MODULATOR WITH PLASMON BASED COUPLING**
[54] **MODULATEUR OPTIQUE A COUPLAGE A BASE DE PLASMON**
[72] WHELAN-CURTIN, WILLIAM, GB
[72] DEBNATH, KAPIL, GB
[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
[85] 2016-01-29
[86] 2014-06-16 (PCT/GB2014/051844)
[87] (WO2015/015148)
[30] GB (1313592.6) 2013-07-30

[21] **2,919,971**
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 8/02 (2006.01) A61K 8/06 (2006.01) A61K 8/14 (2006.01) A61K 8/55 (2006.01) A61K 8/67 (2006.01) A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61Q 17/04 (2006.01) A61Q 19/08 (2006.01)**

[25] EN
[54] **VESICLES**
[54] **VESICULES**
[72] GARRAWAY, RICHARD WOLF, GB
[72] HENRY, WILLIAM, GB
[71] SEQUESSOME TECHNOLOGY HOLDINGS LIMITED, MT
[85] 2016-01-29
[86] 2014-07-31 (PCT/EP2014/066545)
[87] (WO2015/014965)
[30] GB (1313734.4) 2013-07-31
[30] GB (1313735.1) 2013-07-31

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[13] A1

[51] **Int.Cl. B60R 21/207 (2006.01) B60R 21/2346 (2011.01) B60N 2/427 (2006.01)**

[25] EN
[54] **VEHICLE SIDE AIRBAG DEVICE FOR VEHICLE SEAT**
[54] **DISPOSITIF DE COUSSIN DE SECURITE GONFLABLE LATERAL POUR VEHICULE, ET SIEGE POUR VEHICULE**
[72] FUJIWARA, YUSUKE, JP
[71] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP
[85] 2016-01-29
[86] 2014-06-10 (PCT/JP2014/065373)
[87] (WO2015/015912)
[30] JP (2013-159709) 2013-07-31

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[21] **2,919,972**
[13] A1

[51] **Int.Cl. B65B 25/14 (2006.01) B65B 35/36 (2006.01)**
[25] EN
[54] **SHEET PRODUCT WRAPPING APPARATUS**
[54] **APPAREIL D'EMBALLAGE DE PRODUIT EN FEUILLE**
[72] TOTANI, MIKIO, JP
[71] TOTANI CORPORATION, JP
[85] 2016-01-29
[86] 2014-08-07 (PCT/JP2014/070886)
[87] (WO2015/020150)
[30] JP (2013-166696) 2013-08-09

[21] **2,919,973**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **A SUPPORT DEVICE WITH A CONTAINED CUSHIONING ELEMENT**
[54] **DISPOSITIF DE SUPPORT AYANT UN ELEMENT D'AMORTISSEMENT CONTENU**
[72] KARIM, NAIMUL, US
[72] EISENBERG, PETER M., US
[72] HU, JIA, US
[72] HANSON, JENNIFER N., US
[72] SANGHI, SHILPI K., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049148)
[87] (WO2015/020875)
[30] US (61/862,143) 2013-08-05

[21] **2,919,974**
[13] A1

[51] **Int.Cl. C22B 1/02 (2006.01) C22B 34/32 (2006.01) C22C 35/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ENHANCED PRE-REDUCTION OF CHROMITE**
[54] **PROCEDE POUR LA PREREDUCTION AMELIOREE DE CHROMITE**
[72] BEUKES, JOHAN PAUL, ZA
[72] VAN ZYL, PIETER GIDEON, ZA
[72] NEIZEL, BRYSON, ZA
[71] NORTH-WEST UNIVERSITY, ZA
[85] 2016-01-29
[86] 2013-08-01 (PCT/IB2013/056313)
[87] (WO2015/015250)

[21] **2,919,975**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IDENTIFYING A RISK OF CANCER IN A SUBJECT**
[54] **COMPOSITIONS ET PROCEDES D'IDENTIFICATION D'UN RISQUE DE DEVELOPPEMENT D'UN CANCER CHEZ UN PATIENT**
[72] FRANZMANN, ELIZABETH, US
[72] SAINT-VICTOR, SANDRA, US
[71] UNIVERSITY OF MIAMI, US
[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049223)
[87] (WO2015/017692)
[30] US (61/860,669) 2013-07-31
[30] US (62/009,175) 2014-06-07
[30] US (62/021,998) 2014-07-08

[21] **2,919,976**
[13] A1

[51] **Int.Cl. C07D 295/13 (2006.01) A61K 31/167 (2006.01) A61K 31/40 (2006.01) A61K 31/4402 (2006.01) A61K 31/4453 (2006.01) A61K 31/495 (2006.01) A61K 31/5375 (2006.01) C07C 237/40 (2006.01) C07D 213/40 (2006.01)**
[25] EN
[54] **2-BENZOYLAMINO BENZAMIDE DERIVATIVES AS BCL-3 INHIBITORS**
[54] **DERIVES DE 2-BENZOYLAMINO BENZAMIDE CONVENANT COMME INHIBITEURS DE LA BCL3**
[72] WESTWELL, ANDREW DAVID, GB
[72] BRANCALE, ANDREA, GB
[72] CLARKSON, RICHARD WILLIAM ERNEST, GB
[72] SOUKUPOVA, JITKA, CZ
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
[85] 2016-01-29
[86] 2014-07-31 (PCT/EP2014/066564)
[87] (WO2015/014972)
[30] GB (1313664.3) 2013-07-31

[21] **2,919,977**
[13] A1

[51] **Int.Cl. H04N 21/238 (2011.01) H04N 21/235 (2011.01) H04N 21/654 (2011.01)**
[25] EN
[54] **CONTENT SUPPLY DEVICE, CONTENT SUPPLY METHOD, PROGRAM, TERMINAL DEVICE, AND CONTENT SUPPLY SYSTEM**
[54] **DISPOSITIF D'APPROVISIONNEMENT DE CONTENU, METHODE D'APPROVISIONNEMENT DE CONTENU, PROGRAMME, DISPOSITIF TERMINAL ET SYSTEME D'APPROVISIONNEMENT DE CONTENU**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-01-29
[86] 2014-08-12 (PCT/JP2014/071262)
[87] (WO2015/029768)
[30] JP (2013-174133) 2013-08-26

[21] **2,919,978**
[13] A1

[51] **Int.Cl. A47D 9/02 (2006.01)**
[25] EN
[54] **INFANT CALMING/SLEEP-AID, SIDS PREVENTION DEVICE, AND METHOD OF USE**
[54] **DISPOSITIF DE PREVENTION CONTRE LA MORT SUBITE DU NOURRISSON, D'AIDE AU SOMMEIL/AU CALME DE BEBE ET PROCEDE D'UTILISATION**
[72] KARP, HARVEY NEIL, US
[72] BERLIN, MATTHEW R., US
[72] GRAY, JESSE V., US
[72] WASHABAUGH, BILL WALTER, US
[72] ROY, DEB KUMAR, US
[71] HAPPIEST BABY, INC., US
[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049253)
[87] (WO2015/017709)
[30] US (61/860,752) 2013-07-31
[30] US (61/975,541) 2014-04-04

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[13] A1

[51] **Int.Cl. A61K 31/439 (2006.01) A61P 17/00 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS FOR TREATMENT OF EXCESSIVE SWEATING AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS TOPIQUES POUR LE TRAITEMENT D'UNE SUDATION EXCESSIVE ET PROCEDE POUR LES UTILISER**
[72] PENE-DUMITRESCU, TEODORA X., US
[72] HUSSEY, ELIZABETH K., US
[72] LARM, MARIA GRAZIELLA, AU
[72] LENN, JON, US
[72] LOUPENOK, LEON, AU
[72] LUKE, MICHAEL R., AU
[72] SANTOS, LEANDRO L., US
[72] SCHMITH, VIRGINIA D., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2016-01-29
[86] 2014-07-30 (PCT/IB2014/063564)
[87] (WO2015/015446)
[30] US (61/859,947) 2013-07-30
[30] US (61/952,238) 2014-03-13
[30] US (62/021,878) 2014-07-08

[21] **2,919,980**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) A61K 31/397 (2006.01) A61K 45/00 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) G01N 33/15 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **EVALUATION METHOD AND SCREENING METHOD FOR S1P1 RECEPTOR AGONIST**
[54] **METHODE D'EVALUATION ET METHODE DE DEPISTAGE DE L'AGONISTE DU RECEPTEUR S1P1**
[72] NINOMIYA, TOMOHISA, JP
[72] YOSHIDA, SATOSHI, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2016-01-29
[86] 2014-08-20 (PCT/JP2014/071737)
[87] (WO2015/025871)
[30] JP (2013-170383) 2013-08-20

[21] **2,919,981**
[13] A1

[51] **Int.Cl. A61M 5/168 (2006.01)**
[25] EN
[54] **UNITARY BODY SYSTEMS AND DEVICES AND METHODS TO USE THE SAME FOR RETROPERFUSION**
[54] **SYSTEMES ET DISPOSITIFS DE CORPS UNITAIRES ET PROCEDES POUR LES UTILISER POUR UNE RETROPERFUSION**
[72] CHOI, HYO WON, US
[72] KASSAB, GHASSAN S., US
[71] CVDEVICES, LLC, US
[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049270)
[87] (WO2015/017714)
[30] US (61/860,395) 2013-07-31
[30] US (61/866,280) 2013-08-15
[30] US (61/917,018) 2013-12-17

[21] **2,919,982**
[13] A1

[51] **Int.Cl. H01R 13/53 (2006.01) H01R 13/52 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **COMPACT HIGH VOLTAGE CONNECTOR**
[54] **CONNECTEUR HAUTE TENSION COMPACT**
[72] REVOL, GERARD, FR
[72] DIXNEUF, GEORGES, FR
[72] MURRIS, ERIC, FR
[72] LALLOUETTE, TERRENCE, FR
[72] BOUTAHAR, SAMIR, FR
[71] SINGLE BUOY MOORINGS INC., CH
[85] 2016-01-29
[86] 2014-08-01 (PCT/EP2014/066593)
[87] (WO2015/014985)
[30] EP (13178953.9) 2013-08-01

[21] **2,919,983**
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATIC WEBSITE OPTIMIZATION**
[54] **PROCEDE ET APPAREIL D'OPTIMISATION AUTOMATIQUE DE SITES WEB**
[72] SAMPATH-KUMAR, SRIHARI P., US
[72] MUKHERJEE, ANINDO, US
[71] CAPTORA INC., US
[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049278)
[87] (WO2015/017717)
[30] US (61/860,715) 2013-07-31
[30] US (14/207,388) 2014-03-12

[21] **2,919,984**
[13] A1

[51] **Int.Cl. H04W 16/04 (2009.01) H04W 16/32 (2009.01)**
[25] EN
[54] **COMMUNICATION CONTROL APPARATUS, COMMUNICATION CONTROL METHOD, RADIO COMMUNICATION SYSTEM AND TERMINAL APPARATUS**
[54] **APPAREIL DE CONTROLE DE COMMUNICATION, METHODE DE CONTROLE DE COMMUNICATION, SYSTEME DE COMMUNICATION RADIO ET APPAREIL TERMINAL**
[72] TSUDA, SHINICHIRO, JP
[72] TAKANO, HIROAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-01-29
[86] 2014-06-24 (PCT/JP2014/066746)
[87] (WO2015/022814)
[30] JP (2013-167755) 2013-08-12
[30] JP (2014-075987) 2014-04-02

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[21] **2,919,985**
[13] A1

[51] **Int.Cl. G02B 26/10 (2006.01) H01J 37/26 (2006.01)**

[25] EN

[54] **APERTURE SCANNING FOURIER PTYCHOGRAPHIC IMAGING**

[54] **IMAGERIE PTYCHOGRAPHIQUE DE FOURIER A BALAYAGE A OUVERTURE**

[72] HORSTMAYER, ROARKE, US

[72] ZHENG, GUOAN, US

[72] OU, XIAOZE, US

[72] YANG, CHANGHUEI, US

[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2016-01-29

[86] 2014-07-31 (PCT/US2014/049297)

[87] (WO2015/017730)

[30] US (61/860,786) 2013-07-31

[30] US (61/868,967) 2013-08-22

[21] **2,919,986**
[13] A1

[51] **Int.Cl. F03D 3/00 (2006.01) F03D 3/04 (2006.01)**

[25] EN

[54] **WIND POWER GENERATION TOWER PROVIDED WITH GYROMILL TYPE WIND TURBINE**

[54] **TOUR DE PRODUCTION D'ENERGIE EOLIENNE DOTEE D'UNE EOLIENNE DE TYPE GYROMILL**

[72] SONG, SOO YUN, KR

[71] ODIN ENERGY CO., LTD., KR

[85] 2016-01-29

[86] 2013-12-30 (PCT/KR2013/012378)

[87] (WO2015/016444)

[30] KR (10-2013-0091877) 2013-08-02

[30] KR (10-2013-0157070) 2013-12-17

[30] KR (10-2013-0157071) 2013-12-17

[30] KR (10-2013-0157075) 2013-12-17

[21] **2,919,987**
[13] A1

[51] **Int.Cl. A23G 9/42 (2006.01) A23G 9/36 (2006.01) A23L 3/36 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DELIVERING HEALTH-PROMOTING SUBSTANCES INTO A HUMAN BODY**

[54] **SYSTEME ET PROCEDE POUR ADMINISTRER DES SUBSTANCES FAVORABLES A LA SANTE DANS UN CORPS HUMAIN**

[72] DERIN, ANATOLY, US

[71] DERIN, ANATOLY, US

[85] 2016-01-29

[86] 2014-08-01 (PCT/US2014/049354)

[87] (WO2015/017753)

[30] US (61/860,934) 2013-08-01

[30] US (61/861,468) 2013-08-02

[21] **2,919,988**
[13] A1

[51] **Int.Cl. F03D 3/04 (2006.01)**

[25] EN

[54] **WIND POWER GENERATION TOWER**

[54] **DISPOSITIF DE PRODUCTION D'ENERGIE EOLIENNE**

[72] SONG, SOO YUN, KR

[71] ODIN ENERGY CO., LTD., KR

[85] 2016-01-29

[86] 2013-12-30 (PCT/KR2013/012379)

[87] (WO2015/016445)

[30] KR (10-2013-0091876) 2013-08-02

[21] **2,919,989**
[13] A1

[51] **Int.Cl. E21B 19/08 (2006.01) E21C 47/06 (2006.01)**

[25] EN

[54] **SUBSEA CONTAINER TRANSPORT SYSTEM FOR DEEP-SEA MINING**

[54] **SYSTEME DE TRANSPORT DE CONTENEUR SOUS-MARIN POUR PERMETTRE UNE EXPLOITATION MINIERE EN EAUX PROFONDES**

[72] LUCIEER, PIETER ABRAHAM, NL

[72] STOFFERS, HARMEN DERK, NL

[72] DE JONGE, LAURENS JAN, NL

[71] IHC HOLLAND IE B.V., NL

[85] 2016-01-29

[86] 2014-07-31 (PCT/NL2014/050531)

[87] (WO2015/016712)

[30] NL (2011251) 2013-08-01

[21] **2,919,990**
[13] A1

[51] **Int.Cl. F16B 4/00 (2006.01) F16B 37/04 (2006.01)**

[25] FR

[54] **FLOATING NUT**

[54] **ECROU FLOTTANT**

[72] VERDIER, FLORENT, FR

[71] LISI AEROSPACE, FR

[85] 2016-01-29

[86] 2014-08-01 (PCT/EP2014/066619)

[87] (WO2015/018756)

[30] FR (1357772) 2013-08-05

[21] **2,919,991**
[13] A1

[51] **Int.Cl. A24D 1/18 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND THEIR USE FOR SMOKING CESSATION AND OTHER TREATMENTS**

[54] **COMPOSITIONS ET LEUR UTILISATION POUR LE SEVRAGE TABAGIQUE ET AUTRES TRAITEMENTS**

[72] TIMOKHINA, INNA S., US

[72] VON BORSTEL, REID, US

[72] TAN, DENNIS, US

[72] SIVERLING, JOHN, US

[71] SENTIENS, LLC, US

[85] 2016-01-29

[86] 2014-08-01 (PCT/US2014/049374)

[87] (WO2015/017761)

[30] US (61/861,865) 2013-08-02

[21] **2,919,992**
[13] A1

[51] **Int.Cl. A61K 38/07 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR PREVENTING OR TREATING LEBER'S HEREDITARY OPTIC NEUROPATHY**

[54] **METHODES ET COMPOSITIONS POUR PREVENIR OU TRAITER LA NEUROPATHIE OPTIQUE HEREDITAIRE DE LEBER**

[72] WILSON, D. TRAVIS, US

[71] STEALTH BIOTHERAPEUTICS CORP, MC

[85] 2016-01-29

[86] 2014-08-01 (PCT/US2014/049410)

[87] (WO2015/017781)

[30] US (61/861,244) 2013-08-01

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[21] **2,919,994**
[13] A1

[51] **Int.Cl. E04H 12/18 (2006.01) H04B 10/112 (2013.01) H01Q 1/12 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR REDUCING THE PROBABILITY OF DETECTION OF A COMMUNICATION AND SENSOR MAST**

[54] **SYSTEME ET PROCEDE POUR LA REDUCTION DE LA PROBABILITE DE DETECTION D'UNE COMMUNICATION ET MAT DE DETECTEUR**

[72] DYBVIK, TOR MATHIAS, AE

[72] SJOBERG, JAN OVE, SE

[71] COMROD AS, NO

[85] 2016-01-29

[86] 2014-08-06 (PCT/NO2014/050139)

[87] (WO2015/020533)

[30] US (61/863,995) 2013-08-09

[30] US (61/955,512) 2014-03-19

[21] **2,919,995**
[13] A1

[51] **Int.Cl. C12N 15/86 (2006.01) A61K 48/00 (2006.01) C07K 14/47 (2006.01)**

[25] EN

[54] **RECOMBINANT AAV-CRUMBS HOMOLOGUE COMPOSITION AND METHODS FOR TREATING LCA-8 AND PROGRESSIVE RP**

[54] **COMPOSITION D'HOMOLOGUES DE CRUMBS ET VAA RECOMBINANTS ET PROCEDES POUR TRAITER LA LCA-8 ET LA RP PROGRESSIVE**

[72] WIJNHOLDS, JAN, NL

[72] PELLISSIER, LUCIE PIERRETTE FRANCOISE, NL

[71] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LEIDS UNIVERSITAIR MEDISCH CENTRUM, NL

[85] 2016-01-29

[86] 2014-08-05 (PCT/NL2014/050549)

[87] (WO2015/020522)

[30] EP (13179254.1) 2013-08-05

[21] **2,919,996**
[13] A1

[51] **Int.Cl. A61K 31/52 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **METHODS FOR THE TREATMENT OF SOLID TUMORS**

[54] **METHODES PERMETTANT DE TRAITER DES TUMEURS SOLIDES**

[72] BALASUBRAMANIAN, SRIRAM, US

[71] PHARMACYCLICS LLC, US

[85] 2016-01-29

[86] 2014-08-01 (PCT/US2014/049459)

[87] (WO2015/017812)

[30] US (61/861,853) 2013-08-02

[21] **2,919,997**
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**

[25] EN

[54] **IN VITRO METHOD FOR DETERMINING THE STABILITY OF COMPOSITIONS COMPRISING SOLUBLE FC GAMMA RECEPTOR(S)**

[54] **PROCEDE IN VITRO DE DETERMINATION DE LA STABILITE DE COMPOSITIONS COMPRENANT UN OU DES RECEPTEURS GAMMA FC SOLUBLES**

[72] SONDERMANN, PETER, DE

[72] POHL, THOMAS, DE

[72] TER MEER, DOMINIK, DE

[71] SUPPREMOL GMBH, DE

[85] 2016-01-29

[86] 2014-08-01 (PCT/EP2014/066646)

[87] (WO2015/015001)

[30] EP (13003835.9) 2013-08-01

[21] **2,919,998**
[13] A1

[51] **Int.Cl. C11D 3/30 (2006.01) C11D 3/37 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING ALKOXYLATED POLYAMINES HAVING LOW MELTING POINTS**

[54] **COMPOSITIONS COMPRENANT DES POLYAMINES ALCOXYLEES A BAS POINTS DE FUSION**

[72] HULSKOTTER, FRANK, DE

[72] LOUGHNANE, BRIAN JOSEPH, US

[72] EBERT, SOPHIA, DE

[72] LUDOLPH, BJOERN, DE

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2016-01-29

[86] 2014-07-11 (PCT/US2014/046267)

[87] (WO2015/030941)

[30] US (61/869,843) 2013-08-26

[21] **2,919,999**
[13] A1

[51] **Int.Cl. H02P 23/06 (2016.01) H02K 41/06 (2006.01)**

[25] EN

[54] **RELUCTANCE MOTOR SYSTEM**

[54] **SYSTEME DE MOTEUR A RELUCTANCE**

[72] CAMERON, DOUGLAS C., US

[72] BENSON, CHRISTOPHER PETE, US

[71] THE BOEING COMPANY, US

[85] 2016-01-29

[86] 2014-07-14 (PCT/US2014/046545)

[87] (WO2015/050616)

[30] US (14/043,612) 2013-10-01

[21] **2,920,000**
[13] A1

[51] **Int.Cl. B62M 6/40 (2010.01) B62M 6/55 (2010.01) B62K 13/00 (2006.01)**

[25] EN

[54] **MOUNTING SYSTEM FOR ATTACHING AN ELECTRIC DRIVE SYSTEM TO BICYCLES**

[54] **SYSTEME DE MONTAGE POUR ATTACHER UN SYSTEME D'ENTRAINEMENT ELECTRIQUE A UNE BICYCLETTE**

[72] PREINING, MARIO, AT

[72] PREINING, DANIEL, AT

[71] EGO SPORTS GMBH, AT

[85] 2016-01-29

[86] 2014-08-04 (PCT/EP2014/066739)

[87] (WO2015/015014)

[30] AT (GM 252/2013) 2013-08-02

PCT Applications Entering the National Phase

[21] **2,920,001**
[13] A1

[51] **Int.Cl. A63C 5/00 (2006.01)**
[25] EN
[54] **RIDABLE BOARD ASSEMBLIES AND COMPONENTS THEREOF**
[54] **ENSEMBLES DE PLANCHE DE GLISSE ET LEURS COMPOSANTS**
[72] ELPHICK, DAVID, AU
[71] ELPHICK, DAVID, AU
[85] 2016-02-01
[86] 2014-08-01 (PCT/AU2014/000769)
[87] (WO2015/013750)
[30] AU (2013902864) 2013-08-01

[21] **2,920,002**
[13] A1

[51] **Int.Cl. C11D 3/30 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING ALKOXYLATED POLYALKYLENEIMINES HAVING LOW MELTING POINTS**
[54] **COMPOSITIONS COMPRENANT DES POLYALKYLENE-IMINES ALCOXYLES A BAS POINTS DE FUSION**
[72] HULSKOTTER, FRANK, DE
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] EBERT, SOPHIA, DE
[72] LUDOLPH, BJOERN, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-29
[86] 2014-07-11 (PCT/US2014/046263)
[87] (WO2015/030940)
[30] US (61/869,843) 2013-08-26

[21] **2,920,003**
[13] A1

[51] **Int.Cl. H04W 52/36 (2009.01) H04W 52/14 (2009.01) H04W 52/28 (2009.01) H04W 52/38 (2009.01)**
[25] EN
[54] **UPLINK POWER SHARING CONTROL**
[54] **COMMANDE DE PARTAGE DE PUISSANCE EN LIAISON MONTANTE**
[72] BLANKENSHIP, YUFEI WU, US
[72] GAO, SHIWEI, CA
[72] XU, HUA, CA
[71] BLACKBERRY LIMITED, CA
[85] 2016-01-29
[86] 2014-07-23 (PCT/US2014/047756)
[87] (WO2015/017205)
[30] US (13/957,620) 2013-08-02

[21] **2,920,005**
[13] A1

[51] **Int.Cl. C07K 14/31 (2006.01)**
[25] EN
[54] **C5 BINDING POLYPEPTIDES**
[54] **POLYPEPTIDES SE LIANT A C5**
[72] NORDLING, ERIK, SE
[72] NILSSON, JOAKIM, SE
[72] STROMBERG, PATRIK, SE
[71] AFFIBODY AB, SE
[85] 2016-01-29
[86] 2014-08-28 (PCT/EP2014/068259)
[87] (WO2015/028550)
[30] EP (13182022.7) 2013-08-28

[21] **2,920,006**
[13] A1

[51] **Int.Cl. C09D 11/101 (2014.01) C09D 11/322 (2014.01) C09D 11/324 (2014.01) C09D 11/40 (2014.01)**
[25] EN
[54] **RADIATION CURABLE COMPOSITIONS FOR FOOD PACKAGING**
[54] **COMPOSITIONS DURCISSABLES PAR UN RAYONNEMENT POUR L'EMBALLAGE ALIMENTAIRE**
[72] DE MONDT, ROEL, BE
[72] LOCCUFIER, JOHAN, BE
[71] AGFA GRAPHICS NV, BE
[85] 2016-01-29
[86] 2014-09-16 (PCT/EP2014/069693)
[87] (WO2015/036615)
[30] EP (13184521.6) 2013-09-16

[21] **2,920,007**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM FOR NEUROBEHAVIOURAL ANIMATION**
[54] **SYSTEME D'ANIMATION NEURO-COMPORTEMENTAL**
[72] BULLIVANT, DAVID PETER, AU
[72] ROBERTSON, PAUL BURTON, AU
[72] SAGAR, MARK ANDREW, AU
[71] AUCKLAND UNISERVICES LIMITED, NZ
[71] BULLIVANT, DAVID PETER, AU
[71] ROBERTSON, PAUL BURTON, AU
[71] SAGAR, MARK ANDREW, AU
[85] 2016-01-29
[86] 2014-08-04 (PCT/NZ2014/000156)
[87] (WO2015/016723)
[30] NZ (613938) 2013-08-02
[30] US (62/005,195) 2014-05-30

[21] **2,920,008**
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE GENERATION AND APPLICATION OF ANISOTROPIC ELASTIC PARAMETERS IN HORIZONTAL TRANSVERSE ISOTROPIC (HTI) MEDIA**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE GENERER ET D'APPLIQUER DES PARAMETRES ELASTIQUES ANISOTROPES DANS DES MILIEUX ISOTROPES TRANSVERSES HORIZONTAUX**
[72] MESDAG, PETER, FR
[72] DEBEYE, HARRY, FR
[72] BORNARD, RAPHAEL, FR
[71] CGG SERVICES SA, FR
[85] 2016-01-28
[86] 2014-07-25 (PCT/EP2014/066101)
[87] (WO2015/014762)
[30] US (61/859,361) 2013-07-29

[21] **2,920,009**
[13] A1

[51] **Int.Cl. B41M 3/14 (2006.01) B41M 1/10 (2006.01)**
[25] EN
[54] **ROTOGRAVURE PRINTING PROCESSES FOR PRODUCING OPTICALLY VARIABLE SECURITY FEATURES**
[54] **PROCEDES D'IMPRESSON PAR ROTOGRAVURE AFIN DE PRODUIRE DES CARACTERISTIQUES DE SECURITE OPTIQUEMENT VARIABLES**
[72] GARNIER, CHRISTOPHE, FR
[72] VUILLEUMIER, LUCIEN, CH
[72] PASQUIER, CECILE, CH
[71] SICPA HOLDING SA, CH
[85] 2016-01-29
[86] 2014-10-09 (PCT/EP2014/071665)
[87] (WO2015/055504)
[30] EP (13189087.3) 2013-10-17

Demandes PCT entrant en phase nationale

[21] **2,920,010**
[13] A1

[51] **Int.Cl. H01L 21/02 (2006.01) C01B 31/02 (2006.01) C23C 16/02 (2006.01) H01L 29/16 (2006.01)**

[25] EN

[54] **METHOD TO TRANSFER TWO DIMENSIONAL FILM GROWN ON METAL-COATED WAFER TO THE WAFER ITSELF IN A FACE-TO-FACE MANNER**

[54] **PROCEDE DE TRANSFERT FACE A FACE D'UNE COUCHE BIDIMENSIONNELLE DEVELOPEE SUR UNE TRANCHE REVETUE D'UNE COUCHE METALLIQUE, SUR LA TRANCHE ELLE-MEME**

[72] LOH, KIAN PING, SG
[72] GAO, LIBO, SG
[72] CASTRO NETO, ANTONIO HELIO, SG

[71] NATIONAL UNIVERSITY OF SINGAPORE, SG

[85] 2016-01-29
[86] 2014-07-31 (PCT/SG2014/000366)
[87] (WO2015/020610)
[30] US (61/862,127) 2013-08-05

[21] **2,920,011**
[13] A1

[51] **Int.Cl. F41G 1/38 (2006.01) G02B 23/00 (2006.01)**

[25] EN

[54] **FEEDBACK DISPLAY FOR RIFLESCOPE**

[54] **AFFICHAGE DE RETROACTION POUR LUNETTE DE VISEE**

[72] DAVIDSON, AARON SKIP, US
[72] LYNN, DANEN MARK, US
[72] THOMAS, CHRISTOPHER RYAN, US

[71] GUNWERKS, LLC, US

[85] 2016-01-29
[86] 2014-07-25 (PCT/US2014/048312)
[87] (WO2015/017289)
[30] US (61/860,224) 2013-07-30
[30] US (14/326,350) 2014-07-08

[21] **2,920,013**
[13] A1

[51] **Int.Cl. H01J 49/26 (2006.01) G01N 1/28 (2006.01) G01N 23/225 (2006.01) G01N 27/62 (2006.01) G01N 30/72 (2006.01) H01J 37/252 (2006.01)**

[25] EN

[54] **INTERMITTENT MASS SPECTROMETER INLET**

[54] **ENTREE DE SPECTROMETRE DE MASSE A ALIGNEMENT INTERMITTENT**

[72] BERKOUT, VADYM, US
[71] SMITHS DETECTION INC., US

[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049036)
[87] (WO2015/017612)
[30] US (61/860,781) 2013-07-31

[21] **2,920,014**
[13] A1

[51] **Int.Cl. A61M 31/00 (2006.01) A61M 25/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DRUG DELIVERY, TREATMENT, AND MONITORING**

[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION DE MEDICAMENT, DE TRAITEMENT ET DE SURVEILLANCE**

[72] SINGH, DEEP ARJUN, US
[72] ANAND, PJ, US
[72] EAST, ANDREW, US
[71] ALCYONE LIFESCIENCES, INC., US

[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049031)
[87] (WO2015/017609)
[30] US (61/860,402) 2013-07-31

[21] **2,920,015**
[13] A1

[51] **Int.Cl. H04L 12/12 (2006.01) G06F 9/445 (2006.01)**

[25] EN

[54] **DYNAMIC SENSOR DRIVER LOADING OVER A WIRELESS NETWORK**

[54] **CHARGEMENT DYNAMIQUE DE PILOTES DE CAPTEURS VIA UN RESEAU SANS FIL**

[72] WROBLEWSKI, FRANK, US
[72] BRUNS, TRAVIS, US
[72] GOLDMAN, HEATHER, US
[72] GIROD, BOB, US
[72] MCLOUGHLIN, JOHN, US
[72] MILLER, WILLIAM, US
[72] EDWARDS, JOHN, US
[71] SMITHS DETECTION INC., US

[85] 2016-01-29
[86] 2014-07-31 (PCT/US2014/049074)
[87] (WO2015/017628)
[30] US (61/860,776) 2013-07-31

[21] **2,920,016**
[13] A1

[51] **Int.Cl. A61K 39/145 (2006.01) C07K 14/11 (2006.01) C12N 7/04 (2006.01)**

[25] EN

[54] **INFLUENZA HEMAGGLUTININ PROTEINS AND METHODS OF USE THEREOF**

[54] **PROTEINES D'HEMAGGLUTININE DE LA GRIPPE ET METHODES D'UTILISATION ASSOCIEES**

[72] MARSHALL, CHRISTOPHER PATRICK, US
[72] ALFF, PETER JOSEPH, US
[72] BERTUCCIOLI, CLAUDIO, US
[72] YONDOLA, MARK ANDREW, US
[71] AVATAR MEDICAL, LLC, US

[85] 2016-01-29
[86] 2014-08-02 (PCT/US2014/049509)
[87] (WO2015/020913)
[30] US (61/861,989) 2013-08-03

PCT Applications Entering the National Phase

[21] **2,920,017**
[13] A1

[51] **Int.Cl. C07J 9/00 (2006.01) A61K 31/575 (2006.01) A61P 1/16 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07J 41/00 (2006.01)**

[25] EN

[54] **INHIBITORS OF THE FARNESOID X RECEPTOR AND USES IN MEDICINE**

[54] **INHIBITEURS DU RECEPTEUR FARNESOIDE X ET LEURS UTILISATIONS EN MEDECINE**

[72] GONZALEZ, FRANK J., US

[72] JIANG, CHANGTAO, US

[72] XIE, CEN, US

[72] PATTERSON, ANDREW D., US

[72] LI, FEI, US

[72] MITCHELL, JAMES B., US

[72] AMIN, SHANTU, US

[72] DESAI, DHIMANT, US

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

[71] THE PENN STATE RESEARCH FOUNDATION, US

[85] 2016-01-29

[86] 2014-08-01 (PCT/US2014/049460)

[87] (WO2015/017813)

[30] US (61/861,109) 2013-08-01

[30] US (62/004,436) 2014-05-29

[21] **2,920,018**
[13] A1

[51] **Int.Cl. H04W 84/18 (2009.01) H04B 1/713 (2011.01)**

[25] EN

[54] **INTERLEAVING LOW TRANSMISSION POWER AND MEDIUM TRANSMISSION POWER CHANNELS IN COMPUTER NETWORKS**

[54] **ENTRELACEMENT DE CANAUX A FAIBLE PUISSANCE DE TRANSMISSION ET DE CANAUX A PUISSANCE DE TRANSMISSION MOYENNE DANS DES RESEAUX D'ORDINATEURS**

[72] HUI, JONATHAN W., US

[72] HONG, WEI, US

[72] VASSEUR, JEAN-PHILIPPE, FR

[71] CISCO TECHNOLOGY, INC., US

[85] 2016-02-04

[86] 2014-05-29 (PCT/US2014/040052)

[87] (WO2015/020717)

[30] US (13/960,663) 2013-08-06

[21] **2,920,019**
[13] A1

[51] **Int.Cl. C21D 1/18 (2006.01) C21D 1/667 (2006.01)**

[25] EN

[54] **SPRAY QUENCH SYSTEMS FOR HEAT TREATED METAL PRODUCTS**

[54] **SYSTEMES DE TREMPE PAR PULVERISATION DESTINES A DES PRODUITS METALLIQUES TRAITES THERMIQUEMENT**

[72] NALLEN, MICHAEL A., US

[72] SCOTT, PAUL F., US

[71] THERMATOOL CORP., US

[85] 2016-01-29

[86] 2014-08-03 (PCT/US2014/049512)

[87] (WO2015/020915)

[30] US (13/958,581) 2013-08-04

[21] **2,920,020**
[13] A1

[51] **Int.Cl. A61K 38/00 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR THE PREVENTION AND TREATMENT OF FRIEDREICH'S ATAXIA**

[54] **METHODES ET COMPOSITIONS POUR LA PREVENTION ET LE TRAITEMENT DE L'ATAXIE DE FRIEDREICH**

[72] WILSON, D. TRAVIS, US

[71] STEALTH BIOTHERAPEUTICS CORP, MC

[85] 2016-01-29

[86] 2014-08-04 (PCT/US2014/049633)

[87] (WO2015/017861)

[30] US (61/861,806) 2013-08-02

[21] **2,920,021**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01)**

[25] EN

[54] **BI-SPECIFIC MONOVALENT FC DIABODIES THAT ARE CAPABLE OF BINDING CD32B AND CD79B AND USES THEREOF**

[54] **ANTICORPS DIMERIQUES MONOVALENTS BISPECIFIQUES A REGION FC CAPABLES DE SE LIER A CD32B ET A CD79B ET LEURS UTILISATIONS**

[72] JOHNSON, LESLIE S., US

[72] HUANG, LING, US

[72] SHAH, KALPANA, US

[72] BONVINI, EZIO, US

[72] MOORE, PAUL A., US

[72] CHEN, WEI, US

[71] MACROGENICS, INC., US

[85] 2016-01-29

[86] 2014-08-06 (PCT/US2014/049848)

[87] (WO2015/021089)

[30] US (61/864,217) 2013-08-09

[30] US (61/866,416) 2013-08-15

[30] US (61/869,519) 2013-08-23

[30] US (61/907,525) 2013-11-22

[21] **2,920,022**
[13] A1

[51] **Int.Cl. C10M 133/56 (2006.01) C10M 141/06 (2006.01) C10M 159/18 (2006.01) C10M 163/00 (2006.01)**

[25] EN

[54] **REDUCED ENGINE DEPOSITS FROM DISPERSANT TREATED WITH COPPER**

[54] **DEPOTS REDUITS DANS UN MOTEUR PROVENANT D'AGENT DISPERSANT TRAITE AU CUIVRE**

[72] GIESELMAN, MATTHEW D., US

[72] COX, ADAM, US

[72] PROUST, NICOLAS, US

[72] SHAH, MAYUR P., US

[72] EVELAND, RENEE, US

[71] THE LUBRIZOL CORPORATION, US

[85] 2016-01-29

[86] 2014-08-06 (PCT/US2014/049917)

[87] (WO2015/021135)

[30] US (61/863,977) 2013-08-09

Demandes PCT entrant en phase nationale

[21] **2,920,023**
[13] A1

[51] **Int.Cl. C10M 133/56 (2006.01) C10M 141/06 (2006.01) C10M 159/18 (2006.01) C10M 163/00 (2006.01)**

[25] EN

[54] **REDUCED ENGINE DEPOSITS FROM DISPERSANT TREATED WITH COBALT**

[54] **DEPOTS DE MOTEUR REDUITS GRACE A UN AGENT DE DISPERSION TRAITE AU COBALT**

[72] GIESELMAN, MATTHEW D., US
[72] COX, ADAM, US
[72] PROUST, NICOLAS, US
[72] SHAH, MAYUR P., US
[72] EVELAND, RENEE A., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-01-29
[86] 2014-08-06 (PCT/US2014/049908)
[87] (WO2015/021129)
[30] US (61/863,973) 2013-08-09

[21] **2,920,024**
[13] A1

[51] **Int.Cl. G01N 21/64 (2006.01) G01N 33/483 (2006.01)**

[25] EN

[54] **COMPARING THE STRUCTURES OF TWO BIOMOLECULES**

[54] **COMPARAISON DES STRUCTURES DE DEUX BIOMOLECULES**

[72] NIAZI, SARFARAZ, US
[71] THERAPEUTIC PROTEINS INTERNATIONAL, LLC, US
[85] 2016-01-29
[86] 2014-08-06 (PCT/US2014/049993)
[87] (WO2015/021190)
[30] US (13/961,571) 2013-08-07

[21] **2,920,025**
[13] A1

[51] **Int.Cl. G01N 27/327 (2006.01) A61B 5/145 (2006.01)**

[25] EN

[54] **WASHABLE ANALYTE METERS, SEALED CONNECTORS, AND METHODS OF MANUFACTURING AND USING SAME**

[54] **DISPOSITIF DE MESURE D'ANALYTE LAVABLE, CONNECTEURS SCELLES ET LEURS PROCÉDES DE FABRICATION ET D'UTILISATION**

[72] PRAIS, EUGENE, US
[72] HUANG, DAVID, US
[72] JOHNSON, JAMES A., US
[72] GOFMAN, IGOR, US
[72] CHEN, JUN, US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2016-01-29
[86] 2014-08-11 (PCT/US2014/050605)
[87] (WO2015/023611)
[30] US (61/864,958) 2013-08-12

[21] **2,920,027**
[13] A1

[51] **Int.Cl. G02B 6/02 (2006.01) G02B 6/036 (2006.01) G02B 6/14 (2006.01) H01S 3/067 (2006.01)**

[25] EN

[54] **A SPATIALLY MODULATED CLADDING MODE STRIPPER AND OPTICAL FIBER THEREWITH**

[54] **SUPPRESSEUR DE MODE DE GAINÉ A MODULATION SPATIALE ET FIBRE OPTIQUE EQUIPEE DE CELUI-CI**

[72] LAPOINTE, MARC-ANDRE, CA
[72] DOUCET, SERGE, CA
[72] MARAN, JEAN-NOEL, CA
[71] CORACTIVE HIGH-TECH INC., CA
[85] 2016-02-01
[86] 2013-08-07 (PCT/CA2013/000704)
[87] (WO2015/017909)

[21] **2,920,028**
[13] A1

[51] **Int.Cl. C12P 17/14 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01)**

[25] EN

[54] **MICROORGANISMS ENGINEERED TO USE UNCONVENTIONAL SOURCES OF PHOSPHORUS OR SULFUR**

[54] **MICRO-ORGANISMES MODIFIES POUR UTILISER DES SOURCES NON CONVENTIONNELLES DE PHOSPHORE OU DU SOUFRE**

[72] SHAW, ARTHUR J., US
[72] SOUTH, COLIN R., US
[72] VAN DIJKEN, JOHANNES PIETER, NL
[71] NOVOGY, INC., US
[85] 2016-01-29
[86] 2014-08-27 (PCT/US2014/052841)
[87] (WO2015/031441)
[30] US (61/870,469) 2013-08-27

[21] **2,920,031**
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) A01H 1/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12N 15/00 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **INSECTICIDAL POLYPEPTIDES HAVING BROAD SPECTRUM ACTIVITY AND USES THEREOF**

[54] **POLYPEPTIDES INSECTICIDES AYANT UN SPECTRE D'ACTIVITE LARGE ET LEURS UTILISATIONS**

[72] ABAD, ANDRE R., US
[72] WOLFE, THOMAS CHAD, US
[72] ZHOU, LAN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2016-01-29
[86] 2014-08-06 (PCT/US2014/049923)
[87] (WO2015/021139)
[30] US (61/863,761) 2013-08-08
[30] US (61/863,763) 2013-08-08

PCT Applications Entering the National Phase

[21] **2,920,033**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **GENERATING A MULTI-COLUMN INDEX FOR RELATIONAL DATABASES BY INTERLEAVING DATA BITS FOR SELECTIVITY**
[54] **GENERATION D'UN INDEX MULTI-COLONNES POUR BASES DE DONNEES RELATIONNELLES PAR ENTRELACEMENT DE BITS DE DONNEES POUR SELECTIVITE**
[72] GUPTA, ANURAG WINDLASS, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-01-29
[86] 2014-07-29 (PCT/US2014/048531)
[87] (WO2015/017361)
[30] US (13/953,432) 2013-07-29

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[25] EN
[54] **FRONT LOADING CUTLERY DISPENSER**
[54] **DISTRIBUTEUR DE COUVERTS A CHARGEMENT FRONTAL**
[72] OAKES, SHAWN ALLEN, US
[71] DIXIE CONSUMER PRODUCTS LLC, US
[85] 2016-01-29
[86] 2014-08-07 (PCT/US2014/050166)
[87] (WO2015/021288)
[30] US (61/863,484) 2013-08-08

[21] **2,920,036**
[13] A1

[51] **Int.Cl. B60K 23/08 (2006.01) B60K 17/02 (2006.01) B60K 17/26 (2006.01) B60K 17/344 (2006.01)**
[25] EN
[54] **TRUE FOUR WHEEL DRIVE SYSTEM FOR VEHICLE**
[54] **TRANSMISSION FIDELE A QUATRE ROUES MOTRICES POUR VEHICULE**
[72] KNICKERBOCKER, HOWARD J., US
[72] OCHAB, DAVID C., US
[72] BREWER, BRENDAN J., US
[72] PALMER, JAMES E., US
[71] THE HILLIARD CORPORATION, US
[85] 2016-01-29
[86] 2014-07-29 (PCT/US2014/048660)
[87] (WO2015/017432)
[30] US (13/955,248) 2013-07-31

[21] **2,920,037**
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[51] **Int.Cl. B42D 15/02 (2006.01)**
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[54] **CARD**
[54] **CARTE**
[72] VINECOMBE, BARBARA JEAN, AU
[71] VINECOMBE, BARBARA JEAN, AU
[85] 2016-02-01
[86] 2013-08-28 (PCT/AU2013/000974)
[87] (WO2014/032109)
[30] US (13/597,190) 2012-08-28

[21] **2,920,039**
[13] A1

[51] **Int.Cl. E05B 65/00 (2006.01) F16B 41/00 (2006.01)**
[25] EN
[54] **SECURING APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL, SYSTEME ET PROCEDE DE FIXATION**
[72] TODD, TYLER DEAN, II, US
[72] DEWALCH, NORMAN BINZ, US
[72] EVANS, MICHAEL ANDRE, US
[71] DEWALCH TECHNOLOGIES, INC., US
[85] 2016-01-29
[86] 2014-07-29 (PCT/US2014/048669)
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[30] US (13/953,734) 2013-07-29

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[25] EN
[54] **WORK CAGE**
[54] **NACELLE DE TRAVAIL**
[72] HORA, CHRISTIAN, AT
[71] PALFINGER AG, AT
[85] 2016-01-29
[86] 2014-07-22 (PCT/AT2014/000147)
[87] (WO2015/013732)
[30] AT (GM 254/2013) 2013-08-02

[21] **2,920,041**
[13] A1

[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **ORTHOPEDIC BRACE SECURING AND TENSIONING SYSTEM**
[54] **SYSTEME DE FIXATION ET DE TENSION D'ATTELLE ORTHOPEDIQUE**
[72] MASON, JEFFREY T., US
[72] MOIR, RUSSELL S., US
[72] BOWMAN, BRYAN K., US
[71] UNITED SURGICAL ASSOCIATES, INC., US
[85] 2016-01-29
[86] 2014-07-29 (PCT/US2014/048735)
[87] (WO2015/017462)
[30] US (61/860,215) 2013-07-30

[21] **2,920,042**
[13] A1

[51] **Int.Cl. B60B 7/10 (2006.01)**
[25] EN
[54] **ELASTOMERIC FASTENER SYSTEM FOR WHEEL DEVICES**
[54] **SYSTEME DE FIXATION ELASTOMERE POUR DISPOSITIFS DE ROUE**
[72] STUCK, LARRY W., US
[72] VOGEL, COLIN GEHRIS, US
[72] TABONE, CHARLES JOSEPH, US
[71] HUTCHINSON S.A., FR
[85] 2016-01-29
[86] 2014-07-30 (PCT/US2014/048816)
[87] (WO2015/017505)
[30] US (61/859,857) 2013-07-30

[21] **2,920,043**
[13] A1

[51] **Int.Cl. A43B 3/04 (2006.01)**
[25] EN
[54] **BOOT AND BOOT FITTING SYSTEM**
[54] **BOTTE ET SYSTEME D'AJUSTEMENT DE BOTTE**
[72] CRAWFORD, PENNY, AU
[72] LISTON, JONATHAN LEE, AU
[71] TERA BOOTS PTY LTD, AU
[85] 2016-02-01
[86] 2014-08-11 (PCT/AU2014/000798)
[87] (WO2015/021494)
[30] AU (2013903031) 2013-08-12
[30] AU (2014900281) 2014-01-30

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[25] EN	[25] EN	[25] EN
[54] SYNTHESIS OF ACETAL COMPOUNDS USING ZWITTERIONIC CATALYSTS	[54] DEVICE, SYSTEM AND METHODS FOR AUTOMATIC DEVELOPMENT AND OPTIMIZATION OF POSITIONING PATHS FOR MULTI-AXIS NUMERICALLY CONTROLLED MACHINING	[54] OCT PROBE WITH BOWING FLEXOR
[54] SYNTHESE DE COMPOSES ACETAL A L'AIDE DE CATALYSEURS ZWITTERIONIQUES	[54] DISPOSITIF, SYSTEME ET PROCEDES DESTINES AU DEVELOPPEMENT ET A L'OPTIMISATION AUTOMATIQUES DE TRAJECTOIRES DE POSITIONNEMENT POUR UN USINAGE A COMMANDE NUMERIQUE MULTIAXIAL	[54] SONDE OCT A FLECHISSEUR ARQUE
[72] LOCCUFIER, JOHAN, BE	[72] BARAKCHI FARD, MOHAMMAD JAVAD, CA	[72] WHEATLEY, BARRY LYNN, US
[71] AGFA GRAPHICS NV, BE	[72] FRANCIS, BRIAN R., CA	[71] NOVARTIS AG, CH
[85] 2016-01-29	[72] NOWAK, ADAM, CA	[85] 2016-01-29
[86] 2014-10-22 (PCT/EP2014/072643)	[71] ICAM RESEARCH CORPORATION, CA	[86] 2014-08-14 (PCT/US2014/051092)
[87] (WO2015/062935)	[85] 2016-02-01	[87] (WO2015/038278)
[30] EP (13190842.8) 2013-10-30	[86] 2014-05-26 (PCT/CA2014/000452)	[30] US (61/877,368) 2013-09-13
	[87] (WO2015/013800)	[30] US (14/267,692) 2014-05-01
	[30] US (13/957,949) 2013-08-02	
	[30] CA (2,822,563) 2013-08-02	
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[51] Int.Cl. C40B 30/04 (2006.01) C12Q 1/00 (2006.01) C40B 30/06 (2006.01)	[51] Int.Cl. G01N 31/22 (2006.01) G01N 33/18 (2006.01) G01N 33/52 (2006.01)	[51] Int.Cl. C12N 15/113 (2010.01)
[25] EN	[25] EN	[25] EN
[54] METHOD OF TREATMENT	[54] BORATE DETECTOR COMPOSITION AND ASSAY SOLUTION	[54] RECOMBINANT VECTOR WITH OPTIMIZED A-BULGE
[54] PROCEDE DE TRAITEMENT	[54] COMPOSITION POUR LA DETECTION DE BORATE ET SOLUTION D'ESSAI	[54] VECTEUR RECOMBINANT AYANT UN RENFLEMENT A OPTIMISE
[72] BEGLEY, C., GLENN, US	[72] DRAGNA, JUSTIN M., US	[72] LIN, AMY H., US
[72] CHUNDURU, SRINIVAS, US	[72] WEST, TYLER, US	[72] GRUBER, HARRY E., US
[72] MCKINLAY, MARK, US	[71] WATER LENS, LLC, US	[72] IBANEZ, CARLOS, US
[72] MINDERMAN, HANS, US	[85] 2016-01-29	[72] JOLLY, DOUGLAS J., US
[72] MITSUUCHI, YASUHIRO, US	[86] 2014-07-30 (PCT/US2014/048852)	[71] TOCAGEN INC., US
[72] WENG, DAVID, US	[87] (WO2015/017524)	[85] 2016-01-28
[71] HEALTH RESEARCH INC., US	[30] US (61/860,220) 2013-07-30	[86] 2014-08-05 (PCT/US2014/049831)
[71] TETRALOGIC BIRINAPANT UK LTD, GB	[30] US (61/970,194) 2014-03-25	[87] (WO2015/021077)
[85] 2016-01-29	[30] US (14/446,800) 2014-07-30	[30] US (61/862,433) 2013-08-05
[86] 2014-07-30 (PCT/US2014/048841)		
[87] (WO2015/017520)		
[30] US (61/859,898) 2013-07-30		
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		[25] EN
		[54] IMAGE DISPLAY METHOD AND APPARATUS
		[54] PROCEDE ET DISPOSITIF D'AFFICHAGE D'IMAGES
		[72] CHEN, PU, CN
		[72] XU, TIANXI, CN
		[71] HUAWEI TECHNOLOGIES, CO., LTD., CN
		[85] 2016-02-01
		[86] 2013-08-02 (PCT/CN2013/080728)
		[87] (WO2015/013981)

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[13] A1

[51] **Int.Cl. H04W 28/26 (2009.01) H04W 88/06 (2009.01)**

[25] EN

[54] **ROBUST INTER-RADIO ACCESS TECHNOLOGY OPERATIONS IN UNLICENSED SPECTRUM**

[54] **OPERATIONS ROBUSTES ENTRE DES TECHNOLOGIES D'ACCES RADIO DANS UN SPECTRE SANS LICENCE**

[72] SADEK, AHMED KAMEL, US

[71] QUALCOMM INCORPORATED, US

[85] 2016-01-29

[86] 2014-09-03 (PCT/US2014/053926)

[87] (WO2015/034944)

[30] US (61/873,599) 2013-09-04

[30] US (14/475,033) 2014-09-02

[21] **2,920,052**
[13] A1

[51] **Int.Cl. H04L 5/00 (2006.01) H04L 5/14 (2006.01)**

[25] EN

[54] **HARQ FEEDBACK USING CARRIER AGGREGATION**

[54] **RETROACTION HARQ UTILISANT UNE AGREGATION DE PORTEUSES**

[72] BERGGREN, FREDRIK, SE

[72] CHENG, YAN, SE

[72] XUE, LIXIA, SE

[72] MAZZARESE, DAVID, SE

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2016-02-01

[86] 2013-09-27 (PCT/EP2013/070288)

[87] (WO2015/043667)

[21] **2,920,055**
[13] A1

[51] **Int.Cl. H02B 13/035 (2006.01) H02B 1/30 (2006.01) H01H 1/00 (2006.01) H01H 9/02 (2006.01)**

[25] EN

[54] **GAS INSULATED SWITCHING DEVICE AND CAMERA SYSTEM FOR OPTICAL CHECK OF SWITCHING POSITION IN THE SWITCHING DEVICE**

[54] **DISPOSITIF DE COMMUTATION A ISOLATION GAZEUSE ET SYSTEME DE CAMERA POUR UN CONTROLE OPTIQUE D'UNE POSITION DE COMMUTATION DANS LE DISPOSITIF DE COMMUTATION**

[72] CHICHY, SIEGMUND, DE

[71] ABB TECHNOLOGY AG, CH

[85] 2016-02-01

[86] 2014-02-25 (PCT/EP2014/000490)

[87] (WO2015/014416)

[30] EP (13003867.2) 2013-08-02

[21] **2,920,056**
[13] A1

[51] **Int.Cl. E04H 5/12 (2006.01) E04H 12/00 (2006.01) E04H 12/18 (2006.01) F28F 9/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR COOLING TOWER FAN MOUNTING FOR REMOVAL FROM INSIDE THE TOWER**

[54] **PROCEDE ET APPAREIL DE MONTAGE DE VENTILATEUR DE TOUR DE REFROIDISSEMENT PERMETTANT UN DEMONTAGE A PARTIR DE L'INTERIEUR DE LA TOUR**

[72] VADDER, DAVEY J., US

[72] MYERS, JACOB P., US

[71] EVAPCO, INC., US

[85] 2016-01-29

[86] 2014-09-12 (PCT/US2014/055371)

[87] (WO2015/038879)

[30] US (61/877,233) 2013-09-12

[30] US (14/484,600) 2014-09-12

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[13] A1

[51] **Int.Cl. H01L 31/042 (2014.01) E02B 3/00 (2006.01) G02B 6/00 (2006.01)**

[25] EN

[54] **A DEVICE FOR GENERATING ELECTRIC ENERGY**

[54] **DISPOSITIF DE GENERATION D'ENERGIE ELECTRIQUE**

[72] VASILIEV, MKHAIL, AU

[72] ALAMEH, KAMAL, AU

[72] ROSENBERG, VICTOR, AU

[71] TROPIGLAS TECHNOLOGIES LTD, AU

[85] 2016-02-01

[86] 2014-08-15 (PCT/AU2014/000814)

[87] (WO2015/024046)

[30] AU (2013903127) 2013-08-19

[30] AU (2013904275) 2013-11-05

[30] AU (2013904952) 2013-12-18

[30] AU (2014901916) 2014-05-22

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[21] **2,920,058**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) C01B 3/52 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR SOUR GAS SCRUBBING**

[54] **PROCEDE ET DISPOSITIF DE LAVAGE DE GAZ ACIDE**

[72] KERESTECIOGLU, ULVI, DE

[72] BRANDL, ALEXANDER, DE

[71] LINDE AKTIENGESELLSCHAFT, DE

[85] 2016-02-01

[86] 2014-08-19 (PCT/EP2014/002277)

[87] (WO2015/043707)

[30] DE (10 2013 015 849.4) 2013-09-24

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/506 (2006.01) C07D 401/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED AMINOPYRIMIDINE COMPOUNDS AND METHODS OF USE**

[54] **COMPOSES D'AMINOPYRIMIDINE SUBSTITUEE ET PROCEDES D'UTILISATION**

[72] XI, NING, US

[72] WANG, LIANG, CN

[72] WANG, TINGJIN, CN

[71] CALITOR SCIENCES, LLC, US

[71] SUNSHINE LAKE PHARMA CO., LTD., CN

[85] 2016-01-29

[86] 2014-09-17 (PCT/US2014/055967)

[87] (WO2015/042078)

[30] US (61/880,974) 2013-09-22

[30] US (61/983,444) 2014-04-23

[21] **2,920,060**
[13] A1

[51] **Int.Cl. F16D 65/12 (2006.01) F16D 65/092 (2006.01)**

[25] EN

[54] **FRICITION RING BODY FOR A RAIL WHEEL BRAKE AND RAIL WHEEL BRAKE**

[54] **CORPS DE BAGUE DE FRICTION POUR UN FREIN DE ROUE FERROVIAIRE ET FREIN DE ROUE FERROVIAIRES**

[72] KRAUSE, HENRIK, DE

[72] WURTH, SEBASTIAN, DE

[72] MEHLAN, ANDREAS, DE

[71] FAIVELEY TRANSPORT WITTEN GMBH, DE

[85] 2016-02-01

[86] 2014-06-24 (PCT/EP2014/063291)

[87] (WO2015/014542)

[30] DE (20 2013 103 487.8) 2013-08-02

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[13] A1

[51] **Int.Cl. A01N 65/08 (2009.01) A01N 37/44 (2006.01) A01N 51/00 (2006.01) A01P 17/00 (2006.01)**

[25] EN

[54] **BIOPESTICIDE COMPOSITIONS COMPRISING WATER SOLUBLE POLYOLS**

[54] **COMPOSITIONS DE BIOPESTICIDES COMPRENANT DES POLYOLS HYDROSOLUBLES**

[72] HETHERINGTON, MARK ANDREW, CA

[72] ROBINSON, JAMES, CA

[71] MPT MUSTARD PRODUCTS & TECHNOLOGIES INC., CA

[85] 2016-02-01

[86] 2014-08-01 (PCT/CA2014/000601)

[87] (WO2015/013808)

[30] US (61/861,518) 2013-08-02

[21] **2,920,062**
[13] A1

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

[25] EN

[54] **SIGNATURE OF CYCLING HYPOXIA AND USE THEREOF FOR THE PROGNOSIS OF CANCER**

[54] **SIGNATURE D'HYPOXIE CYCLIQUE ET SON UTILISATION POUR LE PRONOSTIC DU CANCER**

[72] FERON, OLIVIER, BE

[72] BOIDOT, ROMAIN, FR

[72] BRANDERS, SAMUEL, BE

[72] DUPONT, PIERRE, BE

[72] HELLEPUTTE, THIBAUT, BE

[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE

[85] 2016-02-01

[86] 2014-08-01 (PCT/EP2014/066643)

[87] (WO2015/015000)

[30] EP (13179071.9) 2013-08-02

[21] **2,920,063**
[13] A1

[51] **Int.Cl. F03B 13/14 (2006.01) F03B 13/24 (2006.01)**

[25] FR

[54] **SYSTEM FOR CONVERTING OF SWELL OR OF WAVE ENERGY**

[54] **SYSTEME DE CONVERSION D'ENERGIE DE LA HOULE OU DES VAGUES**

[72] STANEK, JEAN LUC, FR

[71] STANEK, JEAN LUC, FR

[85] 2016-02-01

[86] 2013-08-07 (PCT/FR2013/051909)

[87] (WO2014/023920)

[30] FR (1202196) 2012-08-07

[21] **2,920,065**
[13] A1

[51] **Int.Cl. B60R 22/32 (2006.01)**

[25] FR

[54] **DEVICE FOR CUTTING A BELT**

[54] **DISPOSITIF DE DECOUPE D'UNE CEINTURE**

[72] FLEGAR, MATTHIAS, FR

[72] DARDINIER, LAURENT, FR

[71] AGUILA TECHNOLOGIE, FR

[85] 2016-02-01

[86] 2014-07-31 (PCT/FR2014/051996)

[87] (WO2015/015125)

[30] FR (1357557) 2013-07-31

[21] **2,920,066**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) A61K 31/22 (2006.01)**

[25] EN

[54] **MARKER FOR STATIN TREATMENT STRATIFICATION IN HEART FAILURE**

[54] **MARQUEUR POUR LA STRATIFICATION D'UN TRAITEMENT PAR LES STATINES DANS LE CAS D'UNE INSUFFISANCE CARDIAQUE**

[72] BLOCK, DIRK, DE

[72] BRUNNER, HANSPETER, CH

[72] DIETERLE, THOMAS, DE

[72] WIENHUES-THELEN, URSULA-HENRIKE, DE

[72] ZAUGG, CHRISTIAN, CH

[72] ZIEGLER, ANDRE, CH

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

[85] 2016-02-01

[86] 2014-08-26 (PCT/EP2014/068090)

[87] (WO2015/028469)

[30] EP (13181687.8) 2013-08-26

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[21] **2,920,068**
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4353 (2006.01) A61K 31/437 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **IMIDAZO[1,2-A]PYRIDIN-7-AMINES AS IMAGING TOOLS**

[54] **IMIDAZO[1,2-A]PYRIDIN-7-AMINES EN TANT QU'OUTILS D'IMAGERIE**

[72] GOBBI, LUCA, CH

[72] KNUST, HENNER, DE

[72] KOERNER, MATTHIAS, DE

[72] MURI, DIETER, CH

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

[85] 2016-02-01

[86] 2014-09-23 (PCT/EP2014/070162)

[87] (WO2015/044095)

[30] EP (13186074.4) 2013-09-26

[21] **2,920,069**
[13] A1

[51] **Int.Cl. G21F 9/30 (2006.01) C03B 1/00 (2006.01) F23G 5/32 (2006.01) F23G 7/00 (2006.01) F27B 14/06 (2006.01) G21F 9/32 (2006.01)**

[25] FR

[54] **METHOD AND FACILITY FOR INCINERATING, MELTING AND VITRIFYING ORGANIC AND METAL WASTE**

[54] **PROCEDE ET INSTALLATION D'INCINERATION, FUSION ET VITRIFICATION DE DECHETS ORGANIQUES ET METALLIQUES**

[72] BOEN, ROGER, FR

[72] CHARVIN, PATRICE, FR

[72] LEMONT, FLORENT, FR

[72] RUSSELLO, ALDO, FR

[71] AREVA NC, FR

[85] 2016-02-01

[86] 2014-08-07 (PCT/EP2014/067012)

[87] (WO2015/018905)

[30] FR (13 57894) 2013-08-08

[21] **2,920,070**
[13] A1

[51] **Int.Cl. C07D 207/273 (2006.01)**

[25] EN

[54] **PROCESS**

[54] **PROCEDE**

[72] GRASSMANN, OLAF, DE

[72] HILDBRAND, STEFAN, CH

[72] MEIER, ROLAND, CH

[72] SCALONE, MICHELANGELO, CH

[72] SCHWITTER, URS, CH

[72] WIRZ, BEAT, CH

[72] ZUTTER, ULRICH, CH

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

[85] 2016-02-01

[86] 2014-10-27 (PCT/EP2014/072934)

[87] (WO2015/063001)

[30] EP (13190612.5) 2013-10-29

[21] **2,920,071**
[13] A1

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

[25] EN

[54] **ANTI-ACTIVIN A ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS ANTI-ACTIVINE A ET LEURS UTILISATIONS**

[72] GROMADA, JESPER, US

[72] LATRES, ESTHER, US

[72] MURPHY, ANDREW J., US

[72] YANCOPOULOS, GEORGE D., US

[72] MORTON, LORI C., US

[71] REGENERON PHARMACEUTICALS, INC., US

[85] 2016-01-25

[86] 2014-07-30 (PCT/US2014/048957)

[87] (WO2015/017576)

[30] US (61/859,926) 2013-07-30

[30] US (61/864,036) 2013-08-09

[30] US (61/911,834) 2013-12-04

[30] US (61/913,885) 2013-12-09

[21] **2,920,072**
[13] A1

[51] **Int.Cl. G01J 3/10 (2006.01) G01J 3/02 (2006.01)**

[25] FR

[54] **METHOD OF FABRICATING A LIGHT EMITTER**

[54] **PROCEDE DE FABRICATION D'UN EMETTEUR DE LUMIERE**

[72] NCIRI, MEJDI, FR

[72] BELARBRE, ERIC CHRISTIAN, FR

[71] ARCHIMEJ TECHNOLOGY, FR

[85] 2016-02-01

[86] 2014-08-05 (PCT/EP2014/066854)

[87] (WO2015/018844)

[30] FR (1357872) 2013-08-08

[21] **2,920,073**
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **BOOSTING THE EFFECT OF METHOTREXATE THROUGH THE COMBINED USE WITH LIPOPHILIC STATINS**

[54] **POTENTIALISATION DE L'EFFET DU METHOTREXATE PAR UTILISATION COMBINEE AVEC DES STATINES LIPOPHILES**

[72] GARCIA CASTELLANO, JOSE MANUEL, ES

[71] DALANA3, S.L., ES

[85] 2016-02-01

[86] 2014-08-01 (PCT/ES2014/070628)

[87] (WO2015/015039)

[30] ES (P 201331207) 2013-08-02

[21] **2,920,074**
[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01)**

[25] EN

[54] **METHOD FOR STEERING A DIRECTION OF A DRILLING DEVICE DRILLING A HOLE INTO THE GROUND**

[54] **PROCEDE DE COMMANDE DE DIRECTION D'UN DISPOSITIF DE FORAGE FORANT UN TROU DANS LE SOL**

[72] JUVANI, KIMMO, FI

[71] GEONEX OY, FI

[85] 2016-02-01

[86] 2014-08-05 (PCT/FI2014/000018)

[87] (WO2015/018969)

[30] FI (20130224) 2013-08-05

[21] **2,920,075**
[13] A1

[51] **Int.Cl. E01D 22/00 (2006.01) B66F 11/04 (2006.01) E04G 3/00 (2006.01) E06C 9/06 (2006.01)**

[25] EN

[54] **SCAFFOLD**

[54] **ECHAFAUDAGE**

[72] HYVONEN, ANTTI, FI

[72] SILTALA, TIMO, FI

[71] FAST BEAM OY, FI

[85] 2016-02-01

[86] 2014-08-06 (PCT/FI2014/050610)

[87] (WO2015/018979)

[30] FI (20135815) 2013-08-06

Demandes PCT entrant en phase nationale

[21] **2,920,076**
[13] A1

[51] **Int.Cl. C11D 3/00 (2006.01) C11D 3/26 (2006.01) C11D 3/37 (2006.01) C11D 17/04 (2006.01)**

[25] EN

[54] **FUGITIVE DYE CATCHING MATERIAL**

[54] **MATERIAU PIEGEUR DE COLORANTS FUGITIFS**

[72] FANTINI, DIEGO, FR

[72] MERLET, SAMUEL, FR

[71] AHLSTROM CORPORATION, FI

[85] 2016-02-01

[86] 2014-08-11 (PCT/FI2014/050616)

[87] (WO2015/018981)

[30] EP (13179996.7) 2013-08-09

[21] **2,920,077**
[13] A1

[51] **Int.Cl. C03C 17/09 (2006.01) C03C 17/245 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCING A PANE WITH AN ELECTRICALLY CONDUCTIVE COATING WITH ELECTRICALLY ISOLATED DEFECTS**

[54] **PROCEDE DE FABRICATION D'UNE VITRE DOTEE D'UN REVETEMENT ELECTROCONDUCTEUR COMPORTANT DES IMPERFECTIONS ELECTRIQUEMENT ISOLEES**

[72] LETOCART, PHILIPPE, BE

[72] YEH, LI-YA, DE

[72] BEHMKE, MICHAEL, DE

[71] SAINT-GOBAIN GLASS FRANCE, FR

[85] 2016-02-01

[86] 2014-07-15 (PCT/EP2014/065104)

[87] (WO2015/032535)

[30] EP (13182931.9) 2013-09-04

[21] **2,920,078**
[13] A1

[51] **Int.Cl. B29C 73/10 (2006.01) B32B 7/12 (2006.01) B60R 13/06 (2006.01) B62D 25/24 (2006.01)**

[25] EN

[54] **BLANK, IN PARTICULAR FOR PERMANENTLY CLOSING HOLES**

[54] **PIECE DECOUPEE PERMETTANT EN PARTICULIER LA FERMETURE PERMANENTE DE TROUS**

[72] DIETZE, SEBASTIAN, DE

[72] MEYER, KATJA, DE

[72] SCHUMANN, UWE, DE

[72] SEIBERT, MATTHIAS, DE

[71] TESA SE, DE

[85] 2016-02-01

[86] 2014-07-23 (PCT/EP2014/065809)

[87] (WO2015/024726)

[30] DE (10 2013 216 782.2) 2013-08-23

[21] **2,920,079**
[13] A1

[51] **Int.Cl. H02M 7/483 (2007.01)**

[25] EN

[54] **MULTILEVEL POWER CONVERSION DEVICE**

[54] **DISPOSITIF DE CONVERSION ELECTRIQUE MULTI-NIVEAU**

[72] HASEGAWA, ISAMU, JP

[72] KODAMA, TAKASHI, JP

[72] KONDO, TAKESHI, JP

[72] URUSHIBATA, SHOTA, JP

[72] SAKO, HIROMI, JP

[72] KOBORI, KENJI, JP

[72] HAMADA, SHIZUNORI, JP

[72] KODACHI, KEIICHI, JP

[71] MEIDENSHA CORPORATION, JP

[85] 2016-02-01

[86] 2014-05-28 (PCT/JP2014/064105)

[87] (WO2015/015885)

[30] JP (2013-160999) 2013-08-02

[30] JP (2013-240681) 2013-11-21

[21] **2,920,080**
[13] A1

[51] **Int.Cl. C07D 498/22 (2006.01)**

[25] EN

[54] **A PROCESS FOR PREPARING RIFAXIMIN K**

[54] **PROCEDE DE PREPARATION DE RIFAXIMINE ?**

[72] VIGANO', ENRICO, IT

[72] MOLTENI, RENATO, IT

[72] LANFRANCONI, SIMONA, IT

[72] ARRIGHI, MASSIMILIANO, IT

[72] GATTI, FABIO, IT

[71] CLAROCHEM IRELAND LTD., IE

[85] 2016-02-01

[86] 2014-08-01 (PCT/EP2014/066592)

[87] (WO2015/014984)

[30] IT (MI2013A001307) 2013-08-02

[21] **2,920,081**
[13] A1

[51] **Int.Cl. B29D 7/01 (2006.01) B29C 41/00 (2006.01) B29C 41/48 (2006.01) B29C 55/00 (2006.01) B32B 3/00 (2006.01) B32B 3/10 (2006.01) B32B 3/26 (2006.01) C08J 5/18 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF A STRUCTURED FILM**

[54] **PROCEDE DE PRODUCTION D'UN FILM STRUCTURE**

[72] ZAGGL, ALEXANDER, DE

[72] HELLER, BERNADETTE, US

[72] HARTMANN, ANDRE, DE

[71] W.L. GORE & ASSOCIATES GMBH, DE

[85] 2016-01-29

[86] 2014-08-21 (PCT/EP2014/002294)

[87] (WO2015/024662)

[30] EP (13004168.4) 2013-08-23

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[21] **2,920,083**
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **SMALL VOLUME BIOREACTORS WITH SUBSTANTIALLY CONSTANT WORKING VOLUMES AND ASSOCIATED SYSTEMS AND METHODS**
[54] **BIOREACTEURS DE PETIT VOLUME PRESENTANT DES VOLUMES DE TRAVAIL SENSIBLEMENT CONSTANTS, SYSTEMES ET PROCEDES ASSOCIES**
[72] GOH, SHIREEN, SG
[72] RAM, RAJEEV JAGGA, US
[72] CANZONERI, MICHELANGELO, FR
[72] BLUM, HORST, FR
[71] SANOFI, FR
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2016-01-29
[86] 2014-08-22 (PCT/US2014/052252)
[87] (WO2015/027140)
[30] US (61/869,116) 2013-08-23
[30] EP (14306161.2) 2014-07-17

[21] **2,920,084**
[13] A1

[51] **Int.Cl. C08G 63/48 (2006.01) C09D 167/08 (2006.01)**
[25] FR
[54] **BIOSOURCED ALKYD RESIN AND METHOD FOR MANUFACTURING SUCH AN ALKYD RESIN**
[54] **RESINE ALKYDE BIOSOURCEE ET PROCEDE DE FABRICATION D'UNE TELLE RESINE ALKYDE**
[72] BARQUANT, CYRIL, FR
[72] ROUSSEL, JOEL, FR
[72] BUFFE, CLOTHILDE, FR
[72] CROWTHER-ALWYN, LAURA, FR
[71] A ET A MADER, FR
[71] ROQUETTE FRERES, FR
[85] 2016-02-01
[86] 2014-08-05 (PCT/FR2014/052037)
[87] (WO2015/019020)
[30] FR (13 57761) 2013-08-05

[21] **2,920,085**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **HORIZONTAL UNIT FOR MAKING BEVERAGES USING CAPSULES CONTAINING POWDERED FOOD SUBSTANCES**
[54] **UNITE HORIZONTALE POUR PRODUIRE DES BOISSONS AU MOYEN DE CAPSULES CONTENANT DES SUBSTANCES ALIMENTAIRES EN POUDRE**
[72] CASIDDU, FRANCO, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2016-02-01
[86] 2014-07-31 (PCT/IB2014/063578)
[87] (WO2015/019249)
[30] IT (VR2013A000195) 2013-08-09

[21] **2,920,086**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **HORIZONTAL UNIT FOR MAKING BEVERAGES USING CAPSULES CONTAINING POWDERED FOOD SUBSTANCES**
[54] **UNITE HORIZONTALE POUR LA PREPARATION DE BOISSONS AU MOYEN DE CAPSULES CONTENANT DES SUBSTANCES ALIMENTAIRES EN POUDRE**
[72] CASIDDU, FRANCO, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2016-02-01
[86] 2014-07-31 (PCT/IB2014/063579)
[87] (WO2015/019250)
[30] IT (VR2013A000196) 2013-08-09

[21] **2,920,098**
[13] A1

[51] **Int.Cl. G01N 1/10 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SAMPLE COLLECTION DEVICE**
[54] **DISPOSITIF DE COLLECTE D'ECHANTILLONS**
[72] CHAHINE, KENNETH G., US
[72] OYLER, BENJAMIN J., US
[72] BALL, CATHERINE ANN, US
[72] GAETA, FEDERICO C. A., US
[71] ANCESTRY.COM DNA, LLC, US
[85] 2016-02-01
[86] 2014-07-31 (PCT/US2014/049236)
[87] (WO2015/017701)
[30] US (61/861,329) 2013-08-01

[21] **2,920,099**
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **USER EXPERIENCE/USER INTERFACE BASED ON INTERACTION HISTORY**
[54] **EXPERIENCE D'UTILISATEUR/INTERFACE UTILISATEUR EN FONCTION D'UN HISTORIQUE D'INTERACTION**
[72] SHARON, EYAL MICHAEL, US
[72] JOHNSON, MICHAEL DUDLEY, US
[71] FACEBOOK, INC., US
[85] 2016-02-03
[86] 2014-08-06 (PCT/US2014/049891)
[87] (WO2015/021118)
[30] US (13/963,801) 2013-08-09

[21] **2,920,100**
[13] A1

[51] **Int.Cl. A61K 38/46 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/5513 (2006.01) A61K 31/675 (2006.01) A61K 38/48 (2006.01) A61K 47/48 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **DRUG DELIVERY METHOD**
[54] **PROCEDE D'ADMINISTRATION DE MEDICAMENT**
[72] SIEGEL, RONALD A., US
[72] CLOYD, JAMES, US
[72] WINTER, TATE, US
[72] KAPOOR, MAMTA, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2016-02-01
[86] 2014-07-31 (PCT/US2014/049272)
[87] (WO2015/017715)
[30] US (61/861,273) 2013-08-01

Demandes PCT entrant en phase nationale

[21] **2,920,101**
[13] A1

[51] **Int.Cl. A61M 1/10 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **IMPLANTABLE SYSTEM WITH SECURE REMOTE CONTROL**
[54] **SYSTEME IMPLANTABLE AYANT UNE COMMANDE A DISTANCE SECURISEE**
[72] MARSEILLE, OLIVER, DE
[72] LEHMANN, KIRK A., DE
[72] SCHLEICHER, TOBIAS, DE
[72] FLAHERTY, J. CHRISTOPHER, US
[71] CIRCULITE, INC., US
[85] 2016-02-01
[86] 2014-08-01 (PCT/US2014/049393)
[87] (WO2015/017770)
[30] US (61/861,704) 2013-08-02
[30] US (14/449,423) 2014-08-01

[21] **2,920,102**
[13] A1

[51] **Int.Cl. H04L 12/741 (2013.01) H04N 21/61 (2011.01) H04L 12/721 (2013.01)**
[25] EN
[54] **PACKETIZED CONTENT DELIVERY APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE DISTRIBUTION DE CONTENU EN PAQUETS**
[72] PANAGOS, JAMES, US
[72] FORBES, JASON, US
[72] SPENCER, JEREMY, US
[71] TIME WARNER CABLE ENTERPRISES LLC, US
[85] 2016-02-01
[86] 2014-08-01 (PCT/US2014/049463)
[87] (WO2015/017816)
[30] US (13/958,467) 2013-08-02

[21] **2,920,103**
[13] A1

[51] **Int.Cl. G01W 1/00 (2006.01)**
[25] EN
[54] **REAL-TIME AUTONOMOUS WEATHER AND SPACE WEATHER MONITORING**
[54] **SURVEILLANCE METEOROLOGIQUE ET SURVEILLANCE DE LA METEOROLOGIE DE L'ESPACE AUTONOMES ET EN TEMPS REEL**
[72] REYNOLDS, ADAM SCOTT, US
[72] AZEEM, SYED MOHAMMED IRFAN, US
[72] CROWLEY, GEOFFREY, US
[71] ATMOSPHERIC & SPACE TECHNOLOGY RESEARCH ASSOCIATES LLC, US
[85] 2016-02-01
[86] 2014-08-01 (PCT/US2014/049472)
[87] (WO2015/017824)
[30] US (61/861,948) 2013-08-02
[30] US (61/901,426) 2013-11-07

[21] **2,920,104**
[13] A1

[51] **Int.Cl. H02K 33/00 (2006.01) F25B 9/14 (2006.01)**
[25] EN
[54] **CRYOCOOLER WITH MAGNETIC RECIPROCATING PISTON**
[54] **REFROIDISSEUR CRYOGENIQUE A PISTON ALTERNATIF MAGNETIQUE**
[72] COREY, JOHN A., US
[72] WILCOX II, DOUGLAS ALAN, US
[71] CHART INC., US
[85] 2016-02-01
[86] 2014-08-01 (PCT/US2014/049484)
[87] (WO2015/017830)
[30] US (61/861,588) 2013-08-02

[21] **2,920,105**
[13] A1

[51] **Int.Cl. F16K 1/34 (2006.01) F16K 31/12 (2006.01)**
[25] EN
[54] **A FLOW CONTROL SYSTEM AND CONTROL VALVE HAVING CLOSURE ASSISTANCE**
[54] **SYSTEME DE REGULATION DU DEBIT ET SOUPEPE DE REGULATION COMPRENANT UNE ASSISTANCE A LA FERMETURE**
[72] LOGA, THOMAS HENRY, US
[72] SEILER, DAVID J., US
[72] CROUCH, JUSTIN BLAKE, US
[72] Zahr, MICHAEL RICHARD ADIB, US
[72] ALMAZAN, RAUL H., US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2016-02-01
[86] 2014-08-04 (PCT/US2014/049545)
[87] (WO2015/017849)
[30] US (61/861,771) 2013-08-02
[30] US (62/000,079) 2014-05-19

[21] **2,920,106**
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04W 4/06 (2009.01) H04W 4/12 (2009.01) H04W 12/08 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSMITTING CONDITIONAL ACCESS INFORMATION**
[54] **SYSTEMES ET PROCEDES DE TRANSMISSION D'INFORMATIONS D'ACCES CONDITIONNEL**
[72] MICHALSKI, RICHARD ANDREW, US
[72] RINDSBERG, MARK, US
[72] VADEKAR, ASHOK, CA
[72] MARKO, PAUL, US
[72] WADIN, CRAIG, US
[71] SIRIUS XM RADIO INC., US
[85] 2016-02-01
[86] 2014-08-04 (PCT/US2014/049650)
[87] (WO2015/017867)
[30] US (61/861,678) 2013-08-02
[30] US (61/947,955) 2014-03-04

PCT Applications Entering the National Phase

[21] **2,920,107**
[13] A1

[51] **Int.Cl. A23G 1/02 (2006.01)**
[25] EN
[54] **PROCESSES FOR MAKING SPROUTED WHOLE GRAINS AND PRODUCTS COMPRISING SPROUTED WHOLE GRAINS**
[54] **PROCEDES POUR PRODUIRE DES CEREALES COMPLETES GERMEES ET PRODUITS COMPRENANT CES CEREALES COMPLETES GERMEES**
[72] CHRISTIANSEN, KATRINA, US
[72] YIN, XIANG, US
[71] CARGILL, INCORPORATED, US
[85] 2016-02-01
[86] 2014-08-05 (PCT/US2014/049739)
[87] (WO2015/021025)
[30] US (61/863,369) 2013-08-07

[21] **2,920,108**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/4045 (2006.01)**
[25] EN
[54] **SUSTAINED RELEASE DOSAGE FORMS FOR A JAK1 INHIBITOR**
[54] **FORMES GALENIQUES A LIBERATION PROLONGEE POUR UN INHIBITEUR JAK1**
[72] YELESWARAM, KRISHNASWAMY, US
[72] PARIKH, BHAVNISH, US
[72] MODI, DILIP P., US
[72] SHETH, TRUPTI, US
[71] INCYTE CORPORATION, US
[85] 2016-02-01
[86] 2014-08-06 (PCT/US2014/049940)
[87] (WO2015/021153)
[30] US (61/863,325) 2013-08-07
[30] US (61/913,066) 2013-12-06

[21] **2,920,109**
[13] A1

[51] **Int.Cl. G06F 11/30 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **ROOTKIT DETECTION IN A COMPUTER NETWORK**
[54] **DETECTION DE PROGRAMMES MALVEILLANTS FURTIFS DANS UN RESEAU INFORMATIQUE**
[72] QUINN, MITCHELL N., US
[71] TRIUMFANT, INC., US
[85] 2016-02-01
[86] 2014-08-07 (PCT/US2014/050072)
[87] (WO2015/034619)
[30] US (61/874,433) 2013-09-06
[30] US (14/451,725) 2014-08-05

[21] **2,920,110**
[13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61K 9/14 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS TOPIQUES ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] DOXEY, RYAN, US
[72] BAO, JIAN, US
[71] NOVAN, INC., US
[85] 2016-02-01
[86] 2014-08-08 (PCT/US2014/050345)
[87] (WO2015/021382)
[30] US (61/863,541) 2013-08-08
[30] US (61/868,139) 2013-08-21

[21] **2,920,111**
[13] A1

[51] **Int.Cl. B60S 5/04 (2006.01) B60C 25/14 (2006.01)**
[25] EN
[54] **INFLATOR WITH REACTIVE TIRE PRESSURE MONITORING**
[54] **GONFLEUR AVEC CONTROLE DE PRESSION DE PNEU REACTIF**
[72] LAWSON, LAWRENCE, J., US
[72] CLARK, BARRY, A., US
[71] ANDROID INDUSTRIES LLC, US
[85] 2016-02-01
[86] 2014-08-08 (PCT/US2014/050359)
[87] (WO2015/023535)
[30] US (61/865,388) 2013-08-13
[30] US (14/454,575) 2014-08-07

[21] **2,920,112**
[13] A1

[51] **Int.Cl. C09K 8/62 (2006.01)**
[25] EN
[54] **A SLURRY CONCENTRATE AND ASSOCIATED METHODS OF USE**
[54] **CONCENTRE DE BOUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] DINO, DAVID, US
[72] THOMPSON, JEFFREY, US
[71] ELEMENTIS SPECIALTIES, INC., US
[85] 2016-02-01
[86] 2014-08-13 (PCT/US2014/050857)
[87] (WO2015/023736)
[30] US (13/966,907) 2013-08-14

[21] **2,920,113**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A01N 43/90 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) C07K 14/475 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **TREATING CANCER WITH A COMBINATION OF A PD-1 ANTAGONIST AND DINACICLIB**
[54] **TRAITEMENT DU CANCER AVEC UNE COMBINAISON D'UN ANTAGONISTE DE PD-1 ET DU DINACICLIB**
[72] STRACK, PETER RICHARD, US
[72] BOOHER, ROBERT, US
[72] SRIRAM, VENKATARAMAN, US
[72] PHILLIPS, JOSEPH H., US
[71] MERCK SHARPE & DOHME CORP., US
[85] 2016-02-01
[86] 2014-08-15 (PCT/US2014/051171)
[87] (WO2015/026634)
[30] US (61/867,760) 2013-08-20

Demandes PCT entrant en phase nationale

[21] **2,920,114**
[13] A1

[51] **Int.Cl. C12N 1/22 (2006.01) C12N 9/24 (2006.01) C12N 15/81 (2006.01)**

[25] EN

[54] **METHODS FOR THE IMPROVEMENT OF PRODUCT YIELD AND PRODUCTION IN A MICROORGANISM THROUGH GLYCEROL RECYCLING**

[54] **PROCEDES POUR L'AMELIORATION DU RENDEMENT DE PRODUCTION ET DE LA PRODUCTION DANS UN MICRO-ORGANISME PAR RECYCLAGE DE GLYCEROL**

[72] ARGYROS, AARON, US
[72] KENEALY, WILLIAM R., US
[72] STONEHOUSE, EMILY, US
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU

[85] 2016-02-01
[86] 2014-08-15 (PCT/US2014/051355)
[87] (WO2015/023989)
[30] US (61/866,338) 2013-08-15

[21] **2,920,115**
[13] A1

[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/19 (2006.01) A61K 8/25 (2006.01) A61K 8/30 (2006.01) A61Q 1/00 (2006.01) A61Q 1/10 (2006.01)**

[25] EN

[54] **GEL VOLUME MASCARA**

[54] **MASCARA VOLUME A BASE DE GEL**

[72] ALLEN, NYKOL, US
[72] SORTINO, JULIANNE, US
[71] COTY INC., US

[85] 2016-02-01
[86] 2014-08-18 (PCT/US2014/051493)
[87] (WO2015/026721)
[30] US (61/868,206) 2013-08-21

[21] **2,920,116**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01) C07K 17/14 (2006.01)**

[25] EN

[54] **BI-SPECIFIC MONOVALENT DIABODIES THAT ARE CAPABLE OF BINDING CD123 AND CD3, AND USES THEREOF**

[54] **DIABODIES MONOVALENTS BI-SPECIFIQUES QUI SONT CAPABLES DE SE LIER A CD 123 ET CD 3, ET LEURS UTILISATIONS**

[72] BONVINI, EZIO, US
[72] JOHNSON, LESLIE S., US
[72] HUANG, LING, US
[72] MOORE, PAUL A., US
[72] CHICHILI, GURUNADH REDDY, US
[72] ALDERSON, RALPH FROMAN, US
[71] MACROGENICS, INC., US

[85] 2016-02-01
[86] 2014-08-20 (PCT/US2014/051790)
[87] (WO2015/026892)
[30] US (61/869,510) 2013-08-23
[30] US (61/907,749) 2013-11-22
[30] EP (13198784) 2013-12-20
[30] US (61/990,475) 2014-05-08

[21] **2,920,117**
[13] A1

[51] **Int.Cl. B60Q 1/00 (2006.01) C07K 16/00 (2006.01) C12P 21/08 (2006.01) G06F 7/00 (2006.01)**

[25] EN

[54] **BI-SPECIFIC MONOVALENT DIABODIES THAT ARE CAPABLE OF BINDING TO GPA33 AND CD3, AND USES THEREOF**

[54] **ANTICORPS DIMERIQUES (DIABODIES) MONOVALENTS BI-SPECIFIQUES QUI SONT APTE A SE LIER A GPA33 ET CD3, ET LEURS UTILISATIONS**

[72] MOORE, PAUL A., US
[72] LI, JONATHAN, US
[72] CHEN, FRANCINE ZHIFEN, US
[72] JOHNSON, LESLIE S., US
[72] SHAH, KALPANA, US
[72] BONVINI, EZIO, US
[71] MACROGENICS, INC., US

[85] 2016-02-01
[86] 2014-08-20 (PCT/US2014/051793)
[87] (WO2015/026894)
[30] US (61/869,528) 2013-08-23
[30] US (61/907,691) 2013-11-22
[30] EP (13198859) 2013-12-20

[21] **2,920,118**
[13] A1

[51] **Int.Cl. H04W 72/08 (2009.01) H04W 52/24 (2009.01) H04W 88/10 (2009.01)**

[25] EN

[54] **CHANNEL SELECTION TO REDUCE INTERFERENCE TO A WIRELESS LOCAL AREA NETWORK FROM A CELLULAR NETWORK**

[54] **SELECTION DE CANAL POUR REDUIRE DES INTERFERENCES D'UN RESEAU CELLULAIRE VERS UN RESEAU LOCAL SANS FIL**

[72] SADEK, AHMED KAMEL, US
[72] TOKGOZ, YELIZ, US
[72] YAVUZ, MEHMET, US
[72] KADOUS, TAMER ADEL, US
[72] FAN, MINGXI, US
[72] VALLIAPPAN, NACHIAPPAN, US
[71] QUALCOMM INCORPORATED, US

[85] 2016-02-01
[86] 2014-09-04 (PCT/US2014/054006)
[87] (WO2015/034993)
[30] US (61/873,554) 2013-09-04
[30] US (61/914,626) 2013-12-11
[30] US (14/475,773) 2014-09-03

[21] **2,920,119**
[13] A1

[51] **Int.Cl. E21B 10/46 (2006.01) B24D 3/10 (2006.01) E21B 10/573 (2006.01)**

[25] EN

[54] **MECHANICALLY LOCKING POLYCRYSTALLINE DIAMOND ELEMENT AND INDUSTRIAL DEVICE**

[54] **ELEMENT DE DIAMANT POLYCRISTALLIN A BLOCAGE MECANIQUE ET DISPOSITIF INDUSTRIEL**

[72] BIRD, JAY S., US
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-02-01
[86] 2013-09-30 (PCT/US2013/062564)
[87] (WO2015/047376)

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[21] **2,920,120**
[13] A1

[51] **Int.Cl. E21B 21/12 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **MUD LIFT PUMP FOR DUAL DRILL STRING**
[54] **POMPE ASPIRANTE POUR LA BOUE POUR DOUBLE TRAIN DE TIGES DE FORAGE**
[72] VESTAVIK, OLA M., NO
[72] SYSE, HARALD, NO
[71] REELWELL, AS, NO
[85] 2016-01-27
[86] 2014-07-23 (PCT/EP2014/065804)
[87] (WO2015/014685)
[30] US (13/952,703) 2013-07-29

[21] **2,920,122**
[13] A1

[51] **Int.Cl. H04L 29/14 (2006.01) H04M 3/00 (2006.01) H04M 3/56 (2006.01)**
[25] EN
[54] **PROGRAM, COMMUNICATION QUALITY ESTIMATION METHOD, INFORMATION PROCESSING APPARATUS, COMMUNICATION QUALITY ESTIMATION SYSTEM, AND STORAGE MEDIUM**
[54] **PROGRAMME, PROCEDE D'ESTIMATION DE QUALITE DE COMMUNICATION, APPAREIL DE TRAITEMENT D'INFORMATIONS, SYSTEME D'ESTIMATION DE QUALITE DE COMMUNICATION ET SUPPORT D'INFORMATIONS**
[72] KANDA, HIROYUKI, JP
[72] ASAI, TAKAHIRO, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2016-02-01
[86] 2014-07-10 (PCT/JP2014/068507)
[87] (WO2015/019793)
[30] JP (2013-165114) 2013-08-08

[21] **2,920,129**
[13] A1

[51] **Int.Cl. H01M 8/02 (2016.01)**
[25] EN
[54] **POWDER METALLURGICAL MOULDING**
[54] **PIECE MOULEE EN METALLURGIE DES POUDRES FORMANT UN INTERCONNECTEUR OU UNE PLAQUE D'EXTREMITÉ POUR UNE CELLULE ELECTROCHIMIQUE**
[72] BRANDNER, MARCO, DE
[72] O'SULLIVAN, MICHAEL, AT
[72] LEITER, THOMAS, AT
[72] HIRSCH, OLIVER, AT
[72] KRAUSSLER, WOLFGANG, AT
[71] PLANSEE SE, AT
[85] 2016-02-02
[86] 2014-08-19 (PCT/AT2014/000158)
[87] (WO2015/027254)
[30] AT (GM 282/2013) 2013-09-02

[21] **2,920,130**
[13] A1

[51] **Int.Cl. B02C 7/12 (2006.01) A47J 31/00 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01) A47J 42/16 (2006.01) B02C 7/08 (2006.01)**
[25] EN
[54] **MILL AND BEVERAGE PREPARATION APPARATUS INCLUDING THE SAME**
[54] **MORTIER ET DISPOSITIF DE FABRICATION DE BOISSON ASSOCIE**
[72] MISUMI, MASARU, JP
[72] SHIMA, HIDEKAZU, JP
[72] SAWADA, TAKESHI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2016-02-01
[86] 2014-08-04 (PCT/JP2014/070445)
[87] (WO2015/019986)
[30] JP (2013-162478) 2013-08-05
[30] JP (2014-016472) 2014-01-31

[21] **2,920,132**
[13] A1

[51] **Int.Cl. G01N 15/14 (2006.01) G01B 11/24 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DEFORMING AND ANALYZING PARTICLES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DEFORMER ET D'ANALYSER DES PARTICULES**
[72] DI CARLO, DINO, US
[72] GOSSETT, DANIEL R., US
[72] TSE, HENRY T.K., US
[72] CHUNG, ARAM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-02-01
[86] 2013-10-18 (PCT/US2013/065747)
[87] (WO2014/113110)
[30] US (61/718,077) 2012-10-24
[30] US (61/718,092) 2012-10-24
[30] US (61/719,171) 2012-10-26

[21] **2,920,135**
[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/40 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **AGITATION BLADE, AGITATION APPARATUS, BEVERAGE PREPARATION APPARATUS, AND AGITATION PORTION**
[54] **LAME D'AGITATION, DISPOSITIF D'AGITATION, DISPOSITIF DE FABRICATION DE BOISSON ET PIECE D'AGITATION**
[72] SHIMA, HIDEKAZU, JP
[72] MISUMI, MASARU, JP
[72] SAWADA, TAKESHI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2016-02-01
[86] 2014-08-04 (PCT/JP2014/070447)
[87] (WO2015/019988)
[30] JP (2013-162316) 2013-08-05
[30] JP (2014-016471) 2014-01-31

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[21] **2,920,138**
[13] A1

[51] **Int.Cl. A61K 31/765 (2006.01) A61K 31/513 (2006.01) A61K 31/7068 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **MEDICINE FOR PREVENTING OR SUPPRESSING ENGRAFTMENT OF CANCER CELLS INCLUDING AN ORGANIC ACID POLYMER AS ACTIVE INGREDIENT**

[54] **MEDICAMENT POUR PREVENIR OU SUPPRIMER LA SURVIE DE CELLULES CANCEREUSES ET AYANT UN POLYMERE D'ACIDE ORGANIQUE COMME INGREDIENT ACTIF**

[72] NAKAYAMA, KEIICHI, JP
[72] YUMIMOTO, KANAE, JP
[72] JOMORI, TAKAHITO, JP
[71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP

[85] 2016-02-01
[86] 2014-08-05 (PCT/JP2014/070598)
[87] (WO2015/020040)
[30] JP (2013-162872) 2013-08-06

[21] **2,920,139**
[13] A1

[51] **Int.Cl. H04W 28/20 (2009.01) H04W 74/04 (2009.01) H04W 80/04 (2009.01) H04N 21/2343 (2011.01) H04N 19/177 (2014.01) H04N 19/40 (2014.01)**

[25] EN

[54] **WIRELESS TRANSMISSION OF REAL-TIME MEDIA**

[54] **TRANSMISSION SANS FIL DE CONTENU MULTIMEDIA EN TEMPS REEL**

[72] SMADI, MOHAMMED NAWAF, CA
[72] BADAWY, GHADA, CA
[71] BLACKBERRY LIMITED, CA

[85] 2016-02-02
[86] 2014-06-26 (PCT/CA2014/050613)
[87] (WO2015/013811)
[30] US (13/957,730) 2013-08-02

[21] **2,920,140**
[13] A1

[51] **Int.Cl. G01N 27/414 (2006.01) G01N 27/327 (2006.01)**

[25] EN

[54] **BIOSENSOR**

[54] **BIOCAPTEUR**

[72] SAKATA, TOSHIYA, JP
[72] KAJISA, TAIRA, JP
[72] MIYAZAWA, YUYA, JP
[72] UEMATSU, YUTA, JP
[71] THE UNIVERSITY OF TOKYO, JP

[85] 2016-02-01
[86] 2014-08-07 (PCT/JP2014/070823)
[87] (WO2015/020131)
[30] JP (2013-165086) 2013-08-08

[21] **2,920,142**
[13] A1

[51] **Int.Cl. A61F 5/56 (2006.01) A61C 7/08 (2006.01)**

[25] EN

[54] **APPLIANCE FOR REDUCING FACIAL AGEING AND/OR ORAL PARAFUNCTIONAL ACTIVITY**

[54] **APPAREIL DE REDUCTION DU VIEILLISSEMENT FACIAL ET/OU DE L'ACTIVITE PARAFONCTIONNELLE ORALE**

[72] MOHINDRA, NARESH KUMAR, GB
[71] MOHINDRA, NARESH KUMAR, GB

[85] 2016-02-02
[86] 2014-07-31 (PCT/GB2014/052359)
[87] (WO2015/019060)
[30] GB (1314053.8) 2013-08-06

[21] **2,920,143**
[13] A1

[51] **Int.Cl. H01M 8/02 (2016.01) B29C 43/02 (2006.01)**

[25] EN

[54] **FUEL CELL SEPARATOR**

[54] **SEPARATEUR POUR PILE A COMBUSTIBLE**

[72] MATSUMOTO, NOBUYUKI, JP
[71] NISSHINBO CHEMICAL INC., JP

[85] 2016-02-01
[86] 2014-08-07 (PCT/JP2014/070858)
[87] (WO2015/020146)
[30] JP (2013-165183) 2013-08-08

[21] **2,920,144**
[13] A1

[51] **Int.Cl. H04N 19/156 (2014.01) H04W 72/04 (2009.01)**

[25] EN

[54] **WIRELESS TRANSMISSION OF REAL-TIME MEDIA**

[54] **TRANSMISSION SANS FIL DE MEDIA EN TEMPS REEL**

[72] SMADI, MOHAMMED NAWAF, CA
[72] KEZYS, VYTAUTAS ROBERTAS, CA
[72] PAVEL, SANDY, CA
[71] BLACKBERRY LIMITED, CA

[85] 2016-02-02
[86] 2014-07-08 (PCT/CA2014/050648)
[87] (WO2015/013812)
[30] US (13/957,786) 2013-08-02

[21] **2,920,145**
[13] A1

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

[25] EN

[54] **ASSAY FOR THE DETECTION OF INFECTION-CAUSING E. COLI STRAINS**

[54] **DOSAGE POUR LA DETECTION DES SOUCHES E.COLI RESPONSABLES D'INFECTIONS**

[72] DOUMITH, MICHEL, GB
[72] DAY, MICHAELA, GB
[72] WOODFORD, NEIL, GB
[71] THE SECRETARY OF STATE FOR HEALTH, GB

[85] 2016-02-02
[86] 2014-08-29 (PCT/GB2014/052615)
[87] (WO2015/028807)
[30] GB (1315527.0) 2013-08-30

[21] **2,920,147**
[13] A1

[51] **Int.Cl. C07K 7/00 (2006.01) A61K 38/04 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PEPTIDES CAPABLE OF REACTIVATING P53 MUTANTS**

[54] **PEPTIDES CAPABLES DE REACTIVER DES PROTEINES P53 MUTANTES**

[72] OREN, MOSHE, IL
[72] ROTTER, VARDA, IL
[72] TAL, PERRY, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL

[85] 2016-02-02
[86] 2014-08-07 (PCT/IB2014/063777)
[87] (WO2015/019318)
[30] US (61/862,977) 2013-08-07

PCT Applications Entering the National Phase

[21] **2,920,149**
[13] A1

[51] **Int.Cl. A47J 37/06 (2006.01) A47J 33/00 (2006.01)**
[25] EN
[54] **DISPOSABLE GRILER SET**
[54] **SET DE CUISSON JETABLE**
[72] HONG, GIL MONG, KR
[71] HONG, GIL MONG, KR
[85] 2016-02-01
[86] 2014-07-30 (PCT/KR2014/006982)
[87] (WO2015/016601)
[30] KR (10-2013-0091860) 2013-08-02

[21] **2,920,152**
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A23J 1/20 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **BETA-CASEIN A2 AND BLOOD GLUCOSE LEVELS**
[54] **BETA-CASEINE A2 ET NIVEAUX DE GLYCEMIE**
[72] CLARKE, ANDREW JOHN, NZ
[71] THE A2 MILK COMPANY LIMITED, NZ
[85] 2016-02-01
[86] 2014-08-22 (PCT/NZ2014/000172)
[87] (WO2015/026245)
[30] US (61/869,213) 2013-08-23

[21] **2,920,153**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE FOR MAKING BEVERAGES**
[54] **CAPSULE POUR REALISER DES BOISSONS**
[72] ACCURSI, GIOVANNI, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2016-02-02
[86] 2014-10-31 (PCT/IB2014/065739)
[87] (WO2015/092563)
[30] IT (VR2013A000285) 2013-12-17

[21] **2,920,154**
[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **OCULAR COLLAR STENT FOR TREATING NARROWING OF THE IRIDOCORNEAL ANGLE**
[54] **ENDOPROTHESE A COLLIER OCULAIRE POUR TRAITER UN RETRECISSEMENT DE L'ANGLE IRIDO-CORNEEN**
[72] RENKE, PETER, CA
[71] REGENEYE, L.L.C., US
[85] 2016-02-01
[86] 2013-08-07 (PCT/US2013/053916)
[87] (WO2014/025862)
[30] US (61/680,453) 2012-08-07
[30] US (13/960,416) 2013-08-06

[21] **2,920,155**
[13] A1

[51] **Int.Cl. E21B 10/43 (2006.01) E21B 45/00 (2006.01)**
[25] EN
[54] **DRILLING TOOL INCLUDING MULTI-STEP DEPTH OF CUT CONTROL**
[54] **OUTIL DE PERCAGE INCLUANT UN DISPOSITIF DE COMMANDE DE PROFONDEUR DE COUPE A ETAGES MULTIPLES**
[72] CHEN, SHILIN, US
[72] ARFELE, ROBERT W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-01
[86] 2013-09-03 (PCT/US2013/057840)
[87] (WO2015/034465)

[21] **2,920,156**
[13] A1

[51] **Int.Cl. C09K 8/62 (2006.01) C09K 8/68 (2006.01) E21B 43/04 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FRACTURING FLUIDS COMPRISING FIBERS TREATED WITH CROSSLINKABLE, HYDRATABLE POLYMERS AND RELATED METHODS**
[54] **FLUIDES DE FRACTURATION COMPRENANT DES FIBRES TRAITÉES AVEC DES POLYMERES HYDRATABLES RETICULABLES ET PROCEDES S'Y RAPPORTANT**
[72] NGUYEN, PHILIP D., US
[72] VO, LOAN K., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-01
[86] 2013-09-04 (PCT/US2013/057931)
[87] (WO2015/034476)

[21] **2,920,157**
[13] A1

[51] **Int.Cl. G01J 5/08 (2006.01) G01D 5/353 (2006.01) G01K 11/32 (2006.01) G02B 6/02 (2006.01)**
[25] EN
[54] **TWO-CORE OPTICAL FIBERS FOR DISTRIBUTED FIBER SENSORS AND SYSTEMS**
[54] **FIBRES OPTIQUES A DEUX CŒURS POUR CAPTEURS REPARTIS A FIBRE ET SYSTEMES ASSOCIES**
[72] HOOVER, BRETT JASON, US
[72] LI, MING-JUN, US
[72] LI, SHENPING, US
[71] CORNING INCORPORATED, US
[85] 2016-02-02
[86] 2013-08-01 (PCT/US2013/053228)
[87] (WO2014/025614)
[30] US (61/681,402) 2012-08-09
[30] US (13/658,991) 2012-10-24

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[21] **2,920,161**
[13] A1

[51] **Int.Cl. B21D 19/08 (2006.01) B21D 5/00 (2006.01) B21D 22/00 (2006.01) B21D 37/16 (2006.01)**

[25] EN

[54] **DEVICE FOR FORMING METALS**

[54] **DISPOSITIF PERMETTANT DE FACONNER DES METAUX**

[72] WOLF, MICHAEL, DE

[72] MIHM, MATTHIAS, DE

[72] MULLER, ALEXANDER, DE

[72] LEHR, OTTMAR, DE

[71] ALLGAIER WERKE GMBH, DE

[85] 2016-02-08

[86] 2014-07-23 (PCT/EP2014/065822)

[87] (WO2015/014689)

[30] DE (10 2013 012 684.3) 2013-07-31

[21] **2,920,162**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PROVIDING PROACTIVE MONITORING, INTERVENTION, AND CARRIER LIABILITY COVERAGE SERVICES IN A PACKAGE DELIVERY NETWORK**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DES SERVICES DE SURVEILLANCE, D'INTERVENTION ET D'ASSURANCE DE LA RESPONSABILITE D'UN TRANSPORTEUR PROACTIFS DANS UN RESEAU DE LIVRAISON DE COLIS**

[72] SHARMA, KRANTI, US

[71] UNITED PARCEL SERVICE OF AMERICA, INC., US

[85] 2016-02-01

[86] 2014-03-19 (PCT/US2014/031193)

[87] (WO2015/016982)

[30] US (13/957,542) 2013-08-02

[21] **2,920,164**
[13] A1

[51] **Int.Cl. F02C 1/08 (2006.01) F02C 3/34 (2006.01) F02C 7/047 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR AN OXIDANT HEATING SYSTEM**

[54] **SYSTEME ET PROCEDE POUR UN SYSTEME DE CHAUFFAGE D'OXYDANT**

[72] VAEZI, VAHID, US

[72] MITTRICKER, FRANKLIN F., US

[72] HUNTINGTON, RICHARD A., US

[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2016-02-01

[86] 2014-06-26 (PCT/US2014/044469)

[87] (WO2015/017059)

[30] US (61/860,853) 2013-07-31

[30] US (14/314,601) 2014-06-25

[21] **2,920,165**
[13] A1

[51] **Int.Cl. B01J 35/02 (2006.01) B01J 31/24 (2006.01)**

[25] EN

[54] **CATALYST SYSTEMS FOR USE IN CONTINUOUS FLOW REACTORS AND METHODS OF MANUFACTURE AND USE THEREOF**

[54] **SYSTEMES DE CATALYSEURS POUR UTILISATION DANS DES REACTEURS A FLUX CONTINU ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] BERGENS, STEVEN H., CA

[72] MCGINITIE, ELIZABETH, CA

[72] NEPAL, PRABIN, CA

[72] KALAPUGAMA, SUNETH, CA

[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA

[85] 2016-02-02

[86] 2014-08-04 (PCT/CA2014/050732)

[87] (WO2015/013829)

[30] US (61/861,656) 2013-08-02

[21] **2,920,167**
[13] A1

[51] **Int.Cl. B60N 2/28 (2006.01)**

[25] EN

[54] **CHILD CAR SEAT**

[54] **SIEGE AUTO POUR ENFANT**

[72] ZHOU, BINQING, CN

[72] KUANG, ZHIYONG, CN

[71] GOODBABY CHILD PRODUCTS CO., LTD, CN

[85] 2016-02-02

[86] 2013-09-17 (PCT/CN2013/083614)

[87] (WO2015/014008)

[30] CN (201310334844.5) 2013-08-02

[21] **2,920,168**
[13] A1

[51] **Int.Cl. F16L 3/127 (2006.01) F16B 2/20 (2006.01)**

[25] EN

[54] **ADJUSTABLE SANITARY HOUSE DONUT**

[54] **COLLIER REGLABLE POUR TUYAUX FLEXIBLES SANITAIRES**

[72] BOYANICH, JOHN ROBERT, US

[71] BOYANICH, JOHN ROBERT, US

[85] 2016-02-01

[86] 2013-09-05 (PCT/US2013/058169)

[87] (WO2014/051952)

[30] US (61/705,182) 2012-09-25

[21] **2,920,169**
[13] A1

[51] **Int.Cl. G01V 13/00 (2006.01)**

[25] EN

[54] **SURFACE CALIBRATION OF A WELLBORE RESISTIVITY LOGGING TOOL**

[54] **ETALONNAGE DE SURFACE D'UN OUTIL DE DIAGNOSTIC DE RESISTIVITE DE Puits DE FORAGE**

[72] DONDERICI, BURKAY, US

[71] HALLIBURTON ENERGY SERVICES, INC, US

[85] 2016-02-01

[86] 2013-09-10 (PCT/US2013/059066)

[87] (WO2015/038102)

PCT Applications Entering the National Phase

[21] **2,920,172**
[13] A1

[51] **Int.Cl. C07F 5/02 (2006.01) A61K 31/505 (2006.01) A61K 31/69 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **2-[5-[N-(4-FLUOROPHENYL)CARBAMOYL]PYRIMIDIN-2-YLSULFANYLMETHYL]-4-(TRIFLUOROMETHOXY)PHENYL]BORONIC ACID**

[54] **ACIDE 2-[5-[N-(4-FLUOROPHENYL)CARBAMOYL]PYRIDIN-2-YLSULFANYLMETHYL]-4-(TRIFLUOROMETHOXY)PHENYL]BORONIQUE**

[72] ZEBALA, JOHN A., US
[72] MAEDA, DEAN Y., US
[72] SCHULER, AARON D., US
[71] SYNTRIX BIOSYSTEMS, INC., US
[85] 2016-02-02
[86] 2013-08-02 (PCT/US2013/053376)
[87] (WO2015/016938)

[21] **2,920,173**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **ANTIBODY BINDING SITES SPECIFIC FOR EGFRVIII**

[54] **SITES DE LIAISON D'ANTICORPS SPECIFIQUES D'EGFRVIII**

[72] ELLWANGER, KRISTINA, DE
[72] REUSCH, UWE, DE
[72] FUCEK, IVICA, DE
[72] KNACKMUSS, STEFAN, DE
[72] MOLKENTHIN, VERA, DE
[72] LITTLE, MELVYN, DE
[72] ZHUKOVKSY, EUGENE, DE
[71] AFFIMED THERAPEUTICS AG, DE
[85] 2016-02-02
[86] 2014-08-07 (PCT/EP2014/002177)
[87] (WO2015/018527)
[30] EP (13179630.2) 2013-08-07
[30] EP (13189599.7) 2013-10-21

[21] **2,920,174**
[13] A1

[51] **Int.Cl. B65B 21/24 (2006.01) B65B 35/46 (2006.01) B65H 16/10 (2006.01) B65H 23/185 (2006.01)**

[25] EN

[54] **DEVICE FOR APPLYING AROUND GROUPS OF TWO OR MORE CONTAINERS A TAPE PROVIDED ON ONE SURFACE WITH ADHESIVE WITHOUT DISCONTINUITIES**

[54] **DISPOSITIF D'APPLICATION D'UN RUBAN DOTE D'UN ADHESIF SUR UNE SURFACE SANS DISCONTINUITES AUTOUR DE GROUPES DE DEUX OU PLUS DE DEUX CONTENANTS**

[72] BALLAROTTI, MARIO, IT
[72] SCHINELLI, NICOLA, IT
[71] P.E. LABELLERS S.P.A., IT
[85] 2016-02-02
[86] 2014-04-10 (PCT/EP2014/057246)
[87] (WO2015/018538)
[30] IT (VR2013A000193) 2013-08-08

[21] **2,920,180**
[13] A1

[51] **Int.Cl. A61L 9/03 (2006.01) A01M 1/20 (2006.01)**

[25] EN

[54] **DISPENSING DEVICE WITH FAN DIRECTED AIR STREAM**

[54] **DISPOSITIF DE DISTRIBUTION AVEC FLUX D'AIR DIRIGE PAR VENTILATEUR**

[72] SHAPIRO, STEPHEN, US
[72] PAGANETTI, TOM, US
[71] THERMACELL REPELLENTS, INC., US
[85] 2016-02-02
[86] 2013-09-16 (PCT/US2013/059989)
[87] (WO2014/043639)
[30] US (61/701,089) 2012-09-14

[21] **2,920,181**
[13] A1

[51] **Int.Cl. E21B 17/07 (2006.01) E21B 21/08 (2006.01)**

[25] EN

[54] **REMOVAL OF STICK-SLIP VIBRATIONS IN A DRILLING ASSEMBLY**

[54] **ENLEVEMENT DE VIBRATIONS DE GLISSEMENT SACCADÉ DANS UN ENSEMBLE DE FORAGE**

[72] DYKSTRA, JASON D., US
[72] BU, FANPING, US
[72] XUE, YUZHEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-02
[86] 2013-09-17 (PCT/US2013/060162)
[87] (WO2015/041630)

[21] **2,920,182**
[13] A1

[51] **Int.Cl. E21B 43/27 (2006.01) E21B 43/08 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **CYCLICAL DIVERSION TECHNIQUES IN SUBTERRANEAN FRACTURING OPERATIONS**

[54] **TECHNIQUES DE DEVIATION CYCLIQUE DANS DES OPERATIONS DE FRACTURATION SOUTERRAINE**

[72] WALTERS, HAROLD G., US
[72] ALLISON, DAVID B., US
[72] DUSTERHOFT, RONALD G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-02
[86] 2013-09-17 (PCT/US2013/060174)
[87] (WO2015/041633)

Demandes PCT entrant en phase nationale

[21] **2,920,183**
[13] A1

[51] **Int.Cl. C09K 8/42 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **CEMENT BLENDS INCLUDING INERT MICROPARTICLES**
[54] **MELANGES DE CIMENT COMPRENANT DES MICROPARTICULES INERTES**
[72] BROTHERS, LANCE E., US
[72] MORGAN, RONNIE GLEN, US
[72] OTIENO, PAULINE AKINYI, US
[72] BOUL, PETER JAMES, US
[72] AGAPIOU, KYRIACOS, US
[72] PISKLAK, THOMAS J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-02
[86] 2013-09-20 (PCT/US2013/060867)
[87] (WO2015/041667)

[21] **2,920,185**
[13] A1

[51] **Int.Cl. E21B 47/117 (2012.01) E21B 43/08 (2006.01)**
[25] EN
[54] **THREADED SAFETY CAP**
[54] **BOUCHON DE SECURITE FILETE**
[72] VOS, ANDREW DAVID, US
[72] MATTHEWS, KENNETH HEIDT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-02
[86] 2013-09-23 (PCT/US2013/061128)
[87] (WO2015/041692)

[21] **2,920,187**
[13] A1

[51] **Int.Cl. B60T 15/52 (2006.01)**
[25] EN
[54] **DIFFERENTIAL RELAY TYPE BRAKE CYLINDER MAINTAINING VALVE**
[54] **VALVE DE MAINTIEN DE CYLINDRE DE FREIN DU TYPE A RELAIS DIFFERENTIEL**
[72] VAUGHN, LAWRENCE E., US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2016-02-02
[86] 2013-10-16 (PCT/US2013/065243)
[87] (WO2015/034540)
[30] US (14/018,529) 2013-09-05

[21] **2,920,189**
[13] A1

[51] **Int.Cl. G01S 5/30 (2006.01) G01S 1/72 (2006.01) G01S 11/14 (2006.01) G01S 11/16 (2006.01)**
[25] EN
[54] **DETECTION OF MULTIPATH AND TRANSMIT LEVEL ADAPTATION THERETO FOR ULTRASONIC LOCATIONING**
[54] **DETECTION DE TRAJETS MULTIPLES ET ADAPTATION DE NIVEAU DE TRANSMISSION A CEUX-CI POUR LOCALISATION PAR ULTRASONS**
[72] CALVARESE, RUSSELL E., US
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2016-02-01
[86] 2014-07-15 (PCT/US2014/046635)
[87] (WO2015/017120)
[30] US (13/956,891) 2013-08-01

[21] **2,920,191**
[13] A1

[51] **Int.Cl. C12N 15/86 (2006.01)**
[25] EN
[54] **METHODS OF IMPROVING TITER IN TRANSFECTION-BASED PRODUCTION SYSTEMS USING EUKARYOTIC CELLS**
[54] **PROCEDES D'AMELIORATION DE TITRE DANS DES SYSTEMES DE PRODUCTION REPOSANT SUR LA TRANSFECTION, FAISANT APPEL A DES CELLULES EUCARYOTES**
[72] VAN DER LOO, JOHANNES, US
[72] MALIK, PUNAM, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2016-02-01
[86] 2014-07-18 (PCT/US2014/047211)
[87] (WO2015/010030)
[30] US (61/847,897) 2013-07-18

[21] **2,920,194**
[13] A1

[51] **Int.Cl. C08L 33/10 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR PRODUCING A TEXTURED ACRYLIC SURFACE**
[54] **COMPOSITION ET PROCEDE POUR PRODUIRE UNE SURFACE ACRYLIQUE TEXTUREE**
[72] GATMAN, MARK, US
[72] LAFOLLETTE, SCOTT, US
[72] CALDWELL, NEIL, US
[72] FIELDS, JEFF, US
[71] ARISTECH SURFACES LLC, US
[85] 2016-02-02
[86] 2014-08-04 (PCT/US2014/049606)
[87] (WO2015/020959)
[30] US (61/861,970) 2013-08-03

[21] **2,920,192**
[13] A1

[51] **Int.Cl. C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-TROP-2 ANTIBODY-DRUG CONJUGATES AND USES THEREOF**
[54] **CONJUGUES ANTICORPS ANTI-TROP-2-MEDICAMENT ET LEURS UTILISATIONS**
[72] GOVINDAN, SERENGULAM V., US
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[85] 2016-02-02
[86] 2014-07-01 (PCT/US2014/045074)
[87] (WO2015/047510)
[30] US (14/040,024) 2013-09-27
[30] US (14/258,228) 2014-04-22
[30] US (14/259,469) 2014-04-23

[21] **2,920,193**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGE CLASSIFICATION BY CORRELATING CONTEXTUAL CUES WITH IMAGES**
[54] **SYSTEMES ET PROCEDES DE CLASSIFICATION D'IMAGES PAR CORRELATION D'INDICES CONTEXTUELS A DES IMAGES**
[72] BOURDEV, LUBOMIR, US
[72] PALURI, BALAMANOHAR, US
[71] FACEBOOK, INC., US
[85] 2016-02-02
[86] 2014-02-11 (PCT/US2014/015887)
[87] (WO2015/020691)
[30] US (13/959,446) 2013-08-05

[21] **2,920,194**
[13] A1

[51] **Int.Cl. C08L 33/10 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR PRODUCING A TEXTURED ACRYLIC SURFACE**
[54] **COMPOSITION ET PROCEDE POUR PRODUIRE UNE SURFACE ACRYLIQUE TEXTUREE**
[72] GATMAN, MARK, US
[72] LAFOLLETTE, SCOTT, US
[72] CALDWELL, NEIL, US
[72] FIELDS, JEFF, US
[71] ARISTECH SURFACES LLC, US
[85] 2016-02-02
[86] 2014-08-04 (PCT/US2014/049606)
[87] (WO2015/020959)
[30] US (61/861,970) 2013-08-03

PCT Applications Entering the National Phase

[21] **2,920,195**
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01)**
[25] EN
[54] **CHEST DRAINAGE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DRAINAGE THORACIQUE**
[72] PEATFIELD, GREGORY, US
[71] ATRIUM MEDICAL CORPORATION, US
[85] 2016-02-01
[86] 2014-07-18 (PCT/US2014/047328)
[87] (WO2015/010110)
[30] US (61/856,427) 2013-07-19

[21] **2,920,197**
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01) B01J 8/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING A SYNTHESIS GAS USING AN OXYGEN TRANSPORT MEMBRANE BASED REFORMING SYSTEM WITH SECONDARY REFORMING AND AUXILIARY HEAT SOURCE**
[54] **PROCEDE ET SYSTEME D'OBTENTION D'UN GAZ DE SYNTHESE A L'AIDE D'UN SYSTEME DE REFORMAGE A BASE DE MEMBRANE TRANSPORTEUSE D'OXYGENE A REFORMAGE SECONDAIRE ET SOURCE DE CHALEUR AUXILIAIRE**
[72] CHAKRAVARTI, SHRIKAR, US
[72] STUCKERT, INES C., US
[72] DRNEVICH, RAYMOND F., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2016-02-02
[86] 2014-04-25 (PCT/US2014/035430)
[87] (WO2015/034556)
[30] US (61/874,077) 2013-09-05
[30] US (61/910,697) 2013-12-02

[21] **2,920,198**
[13] A1

[51] **Int.Cl. B21D 5/12 (2006.01) B21D 11/06 (2006.01)**
[25] EN
[54] **ROLLED TUBULAR CENTRALIZER**
[54] **CENTREUR TUBULAIRE ROULE**
[72] BUYTAERT, JEAN, US
[72] PLUCHECK, CLAYTON, US
[72] KUBIAK, JEFFREY, US
[71] ANTELOPE TOOLS & MFG., CO., LLC, US
[85] 2016-02-01
[86] 2014-07-23 (PCT/US2014/047837)
[87] (WO2015/017212)
[30] US (13/957,016) 2013-08-01
[30] US (14/283,947) 2014-05-21

[21] **2,920,199**
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **COMPOUNDING SYSTEMS AND METHODS FOR SAFE MEDICAMENT TRANSPORT**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE MELANGER ET DE TRANSPORTER UN MEDICAMENT EN TOUTE SECURITE**
[72] GARFIELD, JARED, US
[72] LYON, GREGORY, US
[71] J&J SOLUTIONS, INC. D.B.A CORVIDA MEDICAL, US
[85] 2016-02-02
[86] 2014-08-04 (PCT/US2014/049609)
[87] (WO2015/017858)
[30] US (61/861,680) 2013-08-02
[30] US (61/984,144) 2014-04-25

[21] **2,920,202**
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 21/00 (2013.01)**
[25] EN
[54] **MANAGING CONFIGURATIONS OF COMPUTING TERMINALS**
[54] **GESTION DE CONFIGURATIONS DE TERMINAUX INFORMATIQUES**
[72] COOK, RANDALL R., US
[72] HURREN, JEREMY, US
[72] MANN, BRIAN, US
[72] GOODMAN, KEVIN, US
[71] FSLOGIX, INC., US
[85] 2016-02-01
[86] 2014-07-30 (PCT/US2014/048978)
[87] (WO2015/017587)
[30] US (61/860,189) 2013-07-30

[21] **2,920,204**
[13] A1

[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/064 (2006.01)**
[25] EN
[54] **INTENSIFIER RAM BLOWOUT PREVENTER**
[54] **OBTURATEUR A MACHOIRES A MULTIPLICATEUR DE PRESSION**
[72] READ, HERBERT JAY, US
[72] ALLEY, MARK, US
[71] BOP TECHNOLOGIES, LLC, US
[85] 2016-02-01
[86] 2014-07-31 (PCT/US2014/049156)
[87] (WO2015/017662)
[30] US (61/861,095) 2013-08-01

[21] **2,920,206**
[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ON DEMAND BUSINESS RESOURCES**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES RESSOURCES D'ENTREPRISE SUR DEMANDE**
[72] SEGAL, ADAM, US
[72] SCOTT, JEREMY, US
[71] LIVELYHOOD, INC., US
[85] 2016-02-01
[86] 2014-07-31 (PCT/US2014/049160)
[87] (WO2015/017664)
[30] US (61/860,791) 2013-07-31

Demandes PCT entrant en phase nationale

[21] **2,920,220**
[13] A1
[51] **Int.Cl. C07K 1/113 (2006.01) C07K 1/107 (2006.01) C07K 5/02 (2006.01) C07K 5/083 (2006.01) C07K 5/087 (2006.01) C07K 5/103 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SYNTHESIS OF PEPTIDE EPOXY KETONES**
[54] **SYNTHESE DE CETONES EPOXY PEPTIDIQUES**
[72] HOFERL-PRANTZ, KATHRIN, AT
[72] WILHELM, THORSTEN, AT
[71] SANDOZ AG, CH
[85] 2016-02-02
[86] 2014-08-20 (PCT/EP2014/067727)
[87] (WO2015/032621)
[30] EP (13183304.8) 2013-09-06

[21] **2,920,221**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **SACCHARIDE VACCINE FORMULATION**
[54] **FORMULATION DE VACCIN A BASE DE SACCHARIDES**
[72] TOROSSIAN, KRIKOR, US
[72] WESTON, ERIN, US
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[85] 2016-01-28
[86] 2014-08-01 (PCT/EP2014/066591)
[87] (WO2015/018753)
[30] GB (1314248.4) 2013-08-08
[30] US (61/865,166) 2013-08-13

[21] **2,920,222**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DRIVING AN ULTRASONIC HANDPIECE AS A FUNCTION OF THE MECHANICAL IMPEDANCE OF THE HANDPIECE**
[54] **SYSTEME ET PROCEDE D'ENTRAINEMENT D'UNE PIECE A MAIN A ULTRASONS EN TANT QUE FONCTION DE L'IMPEDANCE MECANIQUE DE LA PIECE A MAIN**
[72] DOWNEY, ADAM, US
[72] OWEN, MATTHEW, US
[71] STRYKER CORPORATION, US
[85] 2016-02-01
[86] 2014-08-07 (PCT/US2014/050034)
[87] (WO2015/021216)
[30] US (61/863,152) 2013-08-07

[21] **2,920,223**
[13] A1
[51] **Int.Cl. F17C 13/02 (2006.01) F17D 5/00 (2006.01) G01L 19/00 (2006.01)**
[25] EN
[54] **PRESSURE ISOLATION MANIFOLD**
[54] **COLLECTEUR D'ISOLEMENT DE PRESSION**
[72] HEDTKE, ROBERT C., US
[71] ROSEMOUNT INC., US
[85] 2016-02-01
[86] 2014-09-26 (PCT/US2014/057792)
[87] (WO2015/048500)
[30] US (14/037,856) 2013-09-26

[21] **2,920,224**
[13] A1
[51] **Int.Cl. F04B 17/04 (2006.01) F04B 43/04 (2006.01) F04B 49/06 (2006.01) F04B 51/00 (2006.01) F15B 19/00 (2006.01) G05B 13/04 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING HYDRAULIC PARAMETERS IN A DISPLACEMENT PUMP**
[54] **PROCEDE DE DETERMINATION DE PARAMETRES HYDRAULIQUES DANS UNE POMPE VOLUMETRIQUE**
[72] LIU, STEVEN, DE
[72] KENNEL, FABIAN, DE
[71] PROMINENT GMBH, DE
[85] 2016-02-02
[86] 2014-08-21 (PCT/EP2014/067817)
[87] (WO2015/028386)
[30] DE (10 2013 109 411.2) 2013-08-29

[21] **2,920,225**
[13] A1
[51] **Int.Cl. H01H 9/04 (2006.01) H01H 9/34 (2006.01) H01H 85/00 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKERS HAVING ENLARGED PRESSURE RELIEF VALVES AND RELATED ELECTRICAL DISTRIBUTION PANELS AND SYSTEMS**
[54] **INTERRUPTEURS DE CIRCUIT EQUIPES DE SOUPAPES DE DECHARGE AGRANDIES ET PANNEAUX ET SYSTEMES DE DISTRIBUTION ELECTRIQUES ASSOCIES**
[72] MALONEY, JAMES G., US
[72] GIBSON, JEFFREY S., US
[71] EATON CORPORATION, US
[85] 2016-02-01
[86] 2014-10-28 (PCT/US2014/062503)
[87] (WO2015/065934)
[30] US (14/068,678) 2013-10-31

PCT Applications Entering the National Phase

[21] **2,920,227**
[13] A1

[51] **Int.Cl. C07D 455/03 (2006.01) A61K 31/4745 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **TETRAHYDROPROTOBERBINE COMPOUNDS AND USES THEREOF IN THE TREATMENT OF NEUROLOGICAL, PSYCHIATRIC AND NEURODEGENERATIVE DISEASES**

[54] **COMPOSES TETRAHYDROPROTOBERBINES ET LEURS UTILISATIONS DANS LE TRAITEMENT DE MALADIES NEUROLOGIQUES, PSYCHIATRIQUES ET NEURODEGENERATIVES**

[72] MILLER, JAMES JACKSON, CA
[72] PHILLIPS, ANTHONY GEORGE, CA
[72] LAPISH, CHRISTOPHER COURT, US
[72] SAMMIS, GLENN MARTIN, CA
[71] MILLER, JAMES JACKSON, CA
[71] PHILLIPS, ANTHONY GEORGE, CA
[71] LAPISH, CHRISTOPHER COURT, US
[71] SAMMIS, GLENN MARTIN, CA
[85] 2016-02-02
[86] 2012-08-02 (PCT/CA2012/050526)
[87] (WO2013/020229)

[21] **2,920,228**
[13] A1

[51] **Int.Cl. G06F 19/18 (2011.01) G06F 19/26 (2011.01)**

[25] EN

[54] **HAPLOTYPING AND COPY NUMBER TYPING USING POLYMORPHIC VARIANT ALLELIC FREQUENCIES**

[54] **HAPLOTYPAGE ET TYPAGE DU NOMBRE DE COPIES A L'AIDE DE FREQUENCES D'ALLELES DE VARIANT POLYMORPHIQUE**

[72] ZAMANI ESTEKI, MASOUD, BE
[72] VERMEESCH, JORIS, BE
[72] VOET, THIERRY, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2016-02-02
[86] 2014-08-28 (PCT/EP2014/068315)
[87] (WO2015/028576)
[30] US (61/871,228) 2013-08-28
[30] US (61/960,922) 2013-09-30
[30] GB (1318369.4) 2013-10-17
[30] US (61/915,406) 2013-12-12

[21] **2,920,229**
[13] A1

[51] **Int.Cl. F16K 37/00 (2006.01)**

[25] FR

[54] **METHOD FOR MONITORING A VALVE OF AN AIRCRAFT ENGINE**

[54] **PROCEDE DE SURVEILLANCE D'UNE VANNE D'UN MOTEUR D'AERONEF**

[72] BENSE, WILLIAM, FR
[71] SNECMA, FR
[85] 2016-02-02
[86] 2014-08-04 (PCT/FR2014/052024)
[87] (WO2015/019010)
[30] FR (1357916) 2013-08-09

[21] **2,920,230**
[13] A1

[51] **Int.Cl. A63B 69/36 (2006.01)**

[25] EN

[54] **REMOTE CONTROLLED GOLF BALL MARKER PUTTING-ALIGNMENT DEVICE**

[54] **DISPOSITIF D'ALIGNEMENT DE ROULER DE MARQUEUR DE BALLE DE GOLF COMMANDE A DISTANCE**

[72] HORNUNG, WILLIAM V., US
[71] HORNUNG, WILLIAM V., US
[85] 2016-02-02
[86] 2014-07-18 (PCT/US2014/047323)
[87] (WO2015/020779)
[30] US (61/863,808) 2013-08-08
[30] US (14/269,645) 2014-05-05

[21] **2,920,248**
[13] A1

[51] **Int.Cl. C12M 1/12 (2006.01) C12M 1/14 (2006.01)**

[25] EN

[54] **FABRICATION OF HIERARCHICAL SILICA NANOMEMBRANES AND USES THEREOF FOR SOLID PHASE EXTRACTION OF NUCLEIC ACIDS**

[54] **FABRICATION DE NANOMEMBRANES HIERARCHIQUES EN SILICE ET LEURS UTILISATIONS POUR L'EXTRACTION SUR PHASE SOLIDE D'ACIDES NUCLEIQUES**

[72] WANG, TZA-HUEI, US
[72] ZHANG, YI, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2016-02-02
[86] 2014-07-28 (PCT/US2014/048352)
[87] (WO2015/020818)
[30] US (61/862,319) 2013-08-05

[21] **2,920,249**
[13] A1

[51] **Int.Cl. C09K 8/74 (2006.01)**

[25] EN

[54] **PROPPANTS AND ANTI-FLOWBACK ADDITIVES INCLUDING KAOLIN CLAY**

[54] **AGENTS DE SOUTENEMENT ET ADDITIFS ANTI-REFLUX COMPORTANT DE L'ARGILE DE KAOLIN**

[72] ANSCHUTZ, DONALD ALLEN, US
[72] BURGESS, MICHAEL, US
[72] PRUETT, ROBERT J., US
[71] IMERYS OILFIELD MINERALS, INC., US
[85] 2016-02-02
[86] 2014-08-01 (PCT/US2014/049343)
[87] (WO2015/017750)
[30] US (61/861,815) 2013-08-02

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[21] **2,920,250**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DNA SEQUENCING AND EPIGENOME ANALYSIS**
[54] **SEQUENCAGE D'ADN ET ANALYSE DE L'EPIGENOME**
[72] EDWARDS, JEREMY SCOTT, US
[71] STC.UNM, US
[71] EDWARDS, JEREMY SCOTT, US
[85] 2016-02-02
[86] 2014-08-01 (PCT/US2014/049372)
[87] (WO2015/017759)
[30] US (61/861,622) 2013-08-02

[21] **2,920,251**
[13] A1

[51] **Int.Cl. G01C 11/00 (2006.01) G01C 11/36 (2006.01) G06K 9/80 (2006.01) G06T 7/00 (2006.01) H04N 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING FEATURES IN AERIAL IMAGES USING DISPARITY MAPPING AND SEGMENTATION TECHNIQUES**
[54] **SYSTEME ET PROCEDE POUR DETECTER DES ELEMENTS DANS DES IMAGES AERIENNES A L'AIDE DE TECHNIQUES DE CARTOGRAPHIE D'ECART ET DE SEGMENTATION**
[72] TAYLOR, JEFFREY, US
[72] WEBECKE, EDMUND, US
[71] XACTWARE SOLUTIONS, INC., US
[85] 2016-02-02
[86] 2014-08-04 (PCT/US2014/049605)
[87] (WO2015/017855)
[30] US (61/861,610) 2013-08-02

[21] **2,920,252**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS FOR THE DETECTION AND TREATMENT OF LEUKEMIAS THAT ARE RESPONSIVE TO DOTIL INHIBITION**
[54] **METHODES DE DETECTION ET DE TRAITEMENT DE LEUCEMIES QUI SONT SENSIBLES A L'INHIBITION DE DOTIL**
[72] ARMSTRONG, SCOTT A., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2016-02-02
[86] 2014-08-04 (PCT/US2014/049641)
[87] (WO2015/017863)
[30] US (61/861,923) 2013-08-02
[30] US (61/885,947) 2013-10-02

[21] **2,920,253**
[13] A1

[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/87 (2006.01) C40B 40/06 (2006.01)**
[25] EN
[54] **PROCESSES AND HOST CELLS FOR GENOME, PATHWAY, AND BIOMOLECULAR ENGINEERING**
[54] **PROCEDES ET CELLULES HOTES POUR INGENIERIE BIOMOLECULAIRE, GENOMIQUE ET DE LA VOIE**
[72] KONIECZKA, JAY H., US
[72] SPOONAMORE, JAMES E., US
[72] WAPINSKI, ILAN N., US
[72] ISAACS, FARREN J., US
[72] FOLEY, GREGORY B., US
[71] ENEVOLV, INC., US
[85] 2016-02-02
[86] 2014-08-04 (PCT/US2014/049649)
[87] (WO2015/017866)
[30] US (61/861,805) 2013-08-02
[30] US (61/883,131) 2013-09-26
[30] US (61/935,265) 2014-02-03
[30] US (61/938,933) 2014-02-12

[21] **2,920,254**
[13] A1

[51] **Int.Cl. F16K 37/00 (2006.01) G05B 23/00 (2006.01)**
[25] EN
[54] **PROVIDING DIAGNOSTIC AND/OR PROGNOSTIC CAPABILITIES IN A PROCESS CONTROL SYSTEM**
[54] **UTILISATION DE CAPACITES DE DIAGNOSTIC ET/OU DE PRONOSTIC DANS UN SYSTEME DE COMMANDE DE PROCEDE**
[72] ANDERSON, SHAWN W., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-02-02
[86] 2014-08-05 (PCT/US2014/049665)
[87] (WO2015/020986)
[30] US (13/963,590) 2013-08-09

[21] **2,920,255**
[13] A1

[51] **Int.Cl. F16D 65/28 (2006.01)**
[25] EN
[54] **BRAKING SYSTEM WITH NON-SPRING PARKING BRAKE ACTUATOR**
[54] **SYSTEME DE FREINAGE AVEC ACTIONNEUR DE FREIN DE STATIONNEMENT SANS RESSORT**
[72] PLANTAN, RONALD S., US
[72] EBERLING, CHARLES E., US
[72] HOFFMAN, FRED W., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2016-02-02
[86] 2014-08-05 (PCT/US2014/049796)
[87] (WO2015/021050)
[30] US (13/961,022) 2013-08-07

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[21] **2,920,256**
[13] A1

[51] **Int.Cl. C02F 1/469 (2006.01)**
[25] EN
[54] **WATER TREATMENT SYSTEMS AND ASSOCIATED METHODS**
[54] **SYSTEMES DE TRAITEMENT DE L'EAU ET PROCEDES ASSOCIES**
[72] GOVINDAN, PRAKASH NARAYAN, US
[72] LAM, STEVEN, US
[72] ST. JOHN, MAXIMUS G., US
[71] GRADIANT CORPORATION, US
[85] 2016-02-02
[86] 2014-08-05 (PCT/US2014/049812)
[87] (WO2015/021062)
[30] US (61/862,188) 2013-08-05
[30] US (61/881,365) 2013-09-23
[30] US (61/906,620) 2013-11-20
[30] US (61/908,263) 2013-11-25
[30] US (61/988,034) 2014-05-02

[21] **2,920,258**
[13] A1

[51] **Int.Cl. B65D 90/12 (2006.01)**
[25] EN
[54] **DUNNAGE CONTAINER HAVING NON-LINEAR TRACK**
[54] **RECIPIENT DE FARDAGE AYANT UNE PISTE NON LINEAIRE**
[72] DOBRINSKI, BRIAN T., US
[72] SANGER, MATTHEW S., US
[72] FAZIO, JUSTIN V., US
[71] BRADFORD COMPANY, US
[85] 2016-02-02
[86] 2014-08-07 (PCT/US2014/050112)
[87] (WO2015/057292)
[30] US (14/054,271) 2013-10-15

[21] **2,920,259**
[13] A1

[51] **Int.Cl. F04C 19/00 (2006.01) B01D 19/00 (2006.01) B64D 37/00 (2006.01) F04D 5/00 (2006.01)**
[25] EN
[54] **FUEL SYSTEM WITH LIQUID RING PUMP WITH CENTRIFUGAL AIR/FUEL SEPARATOR**
[54] **CIRCUIT DE CARBURANT AVEC POMPE ANNULAIRE A LIQUIDE DOTEE D'UN SEPARATEUR AIR/CARBURANT CENTRIFUGE**
[72] MUELLER, AUSTIN WADE, US
[72] BARYSHNIKOV, DMITRIY, US
[71] WOODWARD, INC., US
[85] 2016-02-02
[86] 2014-08-07 (PCT/US2014/050130)
[87] (WO2015/069345)
[30] US (13/962,043) 2013-08-08

[21] **2,920,260**
[13] A1

[51] **Int.Cl. F04C 19/00 (2006.01) F04D 5/00 (2006.01) F04D 9/04 (2006.01)**
[25] EN
[54] **SIDE CHANNEL LIQUID RING PUMP AND IMPELLER FOR SIDE CHANNEL LIQUID RING PUMP**
[54] **POMPE A ANNEAU LIQUIDE A CONDUIT LATERAL ET ROTOR POUR POMPE A ANNEAU LIQUIDE A CONDUIT LATERAL**
[72] MUELLER, AUSTIN WADE, US
[71] WOODWARD, INC., US
[85] 2016-02-02
[86] 2014-08-07 (PCT/US2014/050146)
[87] (WO2015/069346)
[30] US (13/962,008) 2013-08-08

[21] **2,920,261**
[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **CLAMP DEVICE FOR MINIMALLY INVASIVE PROCEDURES AND USES THEREOF**
[54] **DISPOSITIF DE SERRAGE POUR PROCEDURES MINI-INVASIVES ET UTILISATIONS DE CE DERNIER**
[72] CABRERA AQUINO, JOSE GUSTAVO, MX
[72] SEGURA PACHECO, BLANCA ANGELICA, MX
[72] MASTERSON, STEVEN, US
[72] ROZENBERG, ALLAN, US
[72] FAUCHER, PAUL, US
[72] HOFFMAN, JOHN, US
[71] GLOBAL BIO THERAPEUTICS, INC., US
[85] 2016-02-02
[86] 2014-08-08 (PCT/US2014/050441)
[87] (WO2015/021443)
[30] US (61/863,903) 2013-08-08

[21] **2,920,274**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **A CARGO SHIPMENT ROUTE DETERMINATION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE DETERMINATION DU TRAJET D'EXPEDITION D'UNE CARGAISON**
[72] SCHREIBER, ZVI, IL
[71] TRADEOS LIMITED, CN
[85] 2016-02-02
[86] 2014-03-10 (PCT/IL2014/050239)
[87] (WO2015/019340)
[30] US (61/863,100) 2013-08-07

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[13] A1

[51] **Int.Cl. G01S 7/524 (2006.01) G01S 15/89 (2006.01) G10K 11/34 (2006.01)**
[25] EN
[54] **SONAR SYSTEM WITH CURVED ANTENNA OR ANTENNA CONFIGURED TO TRANSMIT THE SAME TRANSMISSION PATTERN AS THE CURVED ANTENNA**
[54] **SYSTEME SONAR A ANTENNE COURBE OU CONFIGUREE POUR EMETTRE LE MEME DIAGRAMME D'EMISSION QUE L'ANTENNE COURBE**
[72] GUTHMANN, PIERRE, FR
[72] MANDELERT, NICOLAS, FR
[72] FERRARA, PATRICK, FR
[71] THALES, FR
[85] 2016-02-02
[86] 2014-07-24 (PCT/EP2014/065972)
[87] (WO2015/014723)
[30] FR (13/01864) 2013-08-02

[21] **2,920,276**
[13] A1

[51] **Int.Cl. F41H 5/04 (2006.01)**
[25] EN
[54] **BALLISTIC PROTECTION WITH MULTI-LAYERED STRUCTURE INCLUDING A PLURALITY OF RIGID ELEMENTS**
[54] **PROTECTION BALISTIQUE A STRUCTURE MULTICOUCHES COMPRENANT UNE PLURALITE D'ELEMENTS RIGIDES**
[72] CITTERIO, GIORGIO CELESTE, IT
[71] F.LLI CITTERIO SPA, IT
[85] 2016-02-02
[86] 2013-08-12 (PCT/IT2013/000225)
[87] (WO2015/022708)

[21] **2,920,277**
[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01)**
[25] EN
[54] **BLADE OR VANE ARRANGEMENT FOR A GAS TURBINE ENGINE**
[54] **AGENCEMENT DE PALE OU D'AUBE POUR TURBINE A GAZ**
[72] LI, YAN SHENG, GB
[72] TEUBER, ROY, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-02-02
[86] 2014-07-29 (PCT/EP2014/066259)
[87] (WO2015/024741)
[30] GB (1315078.4) 2013-08-23

[21] **2,920,278**
[13] A1

[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **MEASUREMENT DATA PROVIDING SERVICE SYSTEM**
[54] **SYSTEME DE SERVICE DE FOURNITURE DE DONNEES DE MESURE**
[72] AZUMA, NAOMI, JP
[72] KONDO, SHIRO, JP
[71] FUJI ELECTRIC CO., LTD., JP
[85] 2016-02-02
[86] 2014-02-21 (PCT/JP2014/054130)
[87] (WO2015/125268)

[21] **2,920,282**
[13] A1

[51] **Int.Cl. B63B 21/10 (2006.01) B63B 21/66 (2006.01)**
[25] EN
[54] **TOWING DEVICE WITH A TWO-PIECE FAIRLEAD**
[54] **DISPOSITIF DE REMORQUAGE A CHAUMARD EN DEUX PARTIES**
[72] BOREL, CHRISTOPHE, FR
[72] COSSON, OLIVIER, FR
[71] THALES, FR
[85] 2016-02-02
[86] 2014-07-30 (PCT/EP2014/066359)
[87] (WO2015/014886)
[30] FR (1301860) 2013-08-02

[21] **2,920,283**
[13] A1

[51] **Int.Cl. A61G 5/00 (2006.01)**
[25] EN
[54] **ROBOT**
[54] **ROBOT**
[72] TAMAI, HIROFUMI, JP
[72] TAMAI, SATOSHI, JP
[71] MUSCLE CORPORATION, JP
[85] 2016-02-02
[86] 2014-03-14 (PCT/JP2014/057950)
[87] (WO2015/056460)
[30] JP (2013-216861) 2013-10-18
[30] JP (2013-258661) 2013-12-13

[21] **2,920,284**
[13] A1

[51] **Int.Cl. A61K 31/5585 (2006.01) A61K 9/70 (2006.01) A61K 47/04 (2006.01) A61K 47/10 (2006.01) A61K 47/18 (2006.01) A61K 47/32 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **BERAPROST-CONTAINING PATCH**
[54] **TIMBRE TRANSDERMIQUE COMPRENANT DU BERAPROST**
[72] KAWAKAMI, SATOSHI, JP
[72] SOGABE, MANABU, JP
[72] SHIBATA, TAIKI, JP
[71] TEIKOKU SEIYAKU CO., LTD., JP
[85] 2016-02-02
[86] 2014-08-07 (PCT/JP2014/070899)
[87] (WO2015/020153)
[30] JP (2013-166302) 2013-08-09

[21] **2,920,285**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **SCHEDULING PROCEDURES SUCH AS TOILETING**
[54] **PLANIFICATION DE PROCEDURES, TELLES QUE LA TOILETTE**
[72] MASHIN-CHI, HADI, AU
[72] CURRAN, PETER, AU
[72] AIGNER, PETER HUBERTUS, AU
[71] FRED BERGMAN HEALTHCARE PTY LTD, AU
[85] 2016-02-01
[86] 2014-07-30 (PCT/AU2014/000768)
[87] (WO2015/013749)
[30] AU (2013902853) 2013-07-31

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[13] A1

[51] **Int.Cl. A61L 12/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DISINFECTING AND CLEANING CONTACT LENSES**
[54] **COMPOSITIONS ET METHODES DE DESINFECTION ET NETTOYAGE DE LENTILLES DE CONTACT**
[72] MUYA, LEROY WAINAINA, US
[72] KETELSON, HOWARD ALLEN, US
[71] NOVARTIS AG, CH
[85] 2016-02-02
[86] 2014-09-25 (PCT/US2014/057354)
[87] (WO2015/048223)
[30] US (61/883,365) 2013-09-27

[21] **2,920,287**
[13] A1

[51] **Int.Cl. C12N 5/0793 (2010.01) A61K 35/12 (2015.01) A61L 27/00 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DOPAMINERGIC NEURONS**
[54] **METHODE DE PRODUCTION DE NEURONES DOPAMINERGIQUES**
[72] SHOJI, MASANOBU, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2016-02-02
[86] 2014-08-06 (PCT/JP2014/071352)
[87] (WO2015/020234)
[30] JP (2013-163062) 2013-08-06

[21] **2,920,288**
[13] A1

[51] **Int.Cl. C01B 3/50 (2006.01) C01B 3/38 (2006.01) H01M 8/06 (2016.01) H01M 8/14 (2006.01)**
[25] EN
[54] **CATHODE COMBUSTION FOR ENHANCED FUEL CELL SYNGAS PRODUCTION**
[54] **COMBUSTION A LA CATHODE POUR LA PRODUCTION AMELIOREE D'UN GAZ DE SYNTHESE DANS UNE PILE A COMBUSTIBLE**
[72] BARCKHOLTZ, TIMOTHY ANDREW, US
[72] BERLOWITZ, PAUL J., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2016-02-02
[86] 2014-09-29 (PCT/US2014/058009)
[87] (WO2015/048623)
[30] US (61/884,605) 2013-09-30
[30] US (61/884,635) 2013-09-30
[30] US (61/884,586) 2013-09-30
[30] US (61/884,376) 2013-09-30
[30] US (61/884,545) 2013-09-30
[30] US (61/884,565) 2013-09-30
[30] US (61/889,757) 2013-10-11
[30] US (14/197,391) 2014-03-05
[30] US (14/197,430) 2014-03-05
[30] US (14/197,613) 2014-03-05
[30] US (14/197,551) 2014-03-05
[30] US (14/207,697) 2014-03-13
[30] US (14/207,687) 2014-03-13
[30] US (14/207,691) 2014-03-13
[30] US (14/207,706) 2014-03-13
[30] US (14/207,693) 2014-03-13
[30] US (14/207,712) 2014-03-13
[30] US (14/207,686) 2014-03-13
[30] US (14/207,710) 2014-03-13
[30] US (14/207,690) 2014-03-13
[30] US (14/207,714) 2014-03-13
[30] US (14/207,699) 2014-03-13
[30] US (14/207,711) 2014-03-13
[30] US (14/207,721) 2014-03-13
[30] US (14/207,726) 2014-03-13
[30] US (14/207,708) 2014-03-13
[30] US (14/207,698) 2014-03-13
[30] US (14/207,728) 2014-03-13
[30] US (14/315,527) 2014-06-26
[30] US (14/315,507) 2014-06-26
[30] US (14/315,479) 2014-06-26
[30] US (14/315,419) 2014-06-26
[30] US (14/315,439) 2014-06-26
[30] US (14/486,177) 2014-09-15

[21] **2,920,289**
[13] A1

[51] **Int.Cl. E02D 5/30 (2006.01) E02D 27/00 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURE**
[54] **STRUCTURE COMPOSITE**
[72] KOBASHI, TOMOKI, JP
[72] TAENAKA, SHINJI, JP
[72] SHIMIZU, NOBUTAKA, JP
[72] NAITO, HIROKO, JP
[72] KANNO, RYOICHI, JP
[72] HANYA, KOJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-02-02
[86] 2014-09-10 (PCT/JP2014/073921)
[87] (WO2015/045872)
[30] JP (2013-197688) 2013-09-25

[21] **2,920,291**
[13] A1

[51] **Int.Cl. G10D 3/02 (2006.01) G10D 1/00 (2006.01)**
[25] EN
[54] **LAMINATE FACED HONEYCOMB BRACING STRUCTURE FOR STRINGED INSTRUMENT**
[54] **STRUCTURE DE BARRAGE EN NID D'ABEILLE A FACE STRATIFIEE POUR INSTRUMENT A CORDES**
[72] SEAL, ELLIS C., US
[71] MCP IP, LLC, US
[85] 2016-02-02
[86] 2014-10-16 (PCT/US2014/060913)
[87] (WO2015/057972)
[30] US (14/055,534) 2013-10-16

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[21] **2,920,292**
[13] A1

[51] **Int.Cl. H04B 1/10 (2006.01) H04B 1/7097 (2011.01)**

[25] EN

[54] **A MULTIUSER COMMUNICATIONS SYSTEM**

[54] **SYSTEME DE COMMUNICATION MULTIUTILISATEUR**

[72] GRANT, ALEXANDER JAMES, AU

[72] LECHNER, GOTTFRIED, AU

[72] POLLOK, ANDRE, AU

[72] MCKILLIAM, ROBERT GEORGE, AU

[72] LAND, INGMAR RUDIGER, AU

[72] HALEY, DAVID VICTOR LAWRIE, AU

[72] COWLEY, WILLIAM GEORGE, AU

[72] DAVIS, LINDA MARY, AU

[72] BARBULESCU, SORIN ADRIAN, AU

[72] BUETEFUER, JOHN LAWRENCE, AU

[72] LAVENANT, MARC PIERRE DENIS, AU

[71] UNIVERSITY OF SOUTH AUSTRALIA, AU

[85] 2016-02-03

[86] 2014-08-21 (PCT/AU2014/000826)

[87] (WO2015/024056)

[30] AU (2013903163) 2013-08-21

[21] **2,920,294**
[13] A1

[51] **Int.Cl. B01D 35/00 (2006.01) B01D 39/00 (2006.01)**

[25] EN

[54] **ELECTROSTATIC REMOVAL OF COLLOIDAL, SOLUBLE, AND INSOLUBLE MATERIALS FROM A FLUID**

[54] **ELIMINATION ELECTROSTATIQUE DE SUBSTANCES COLLOIDALES, SOLUBLES ET INSOLUBLES D'UN FLUIDE**

[72] LOMBARDO, ANDREW, US

[72] KAREEM, REZAN, US

[71] KX TECHNOLOGIES LLC, US

[85] 2016-02-02

[86] 2014-10-21 (PCT/US2014/061462)

[87] (WO2015/065754)

[30] US (14/069,997) 2013-11-01

[21] **2,920,295**
[13] A1

[51] **Int.Cl. F24F 6/06 (2006.01) B01D 47/06 (2006.01)**

[25] EN

[54] **AIR WASHER**

[54] **LAVEUR D'AIR**

[72] YOON, HEE JONG, KR

[71] WINIX INC., KR

[85] 2016-02-02

[86] 2014-08-01 (PCT/KR2014/007107)

[87] (WO2015/016657)

[30] KR (10-2013-0092168) 2013-08-02

[21] **2,920,297**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **ADAPTIVE INTERFACE FOR CONTINUOUS MONITORING DEVICES**

[54] **INTERFACE ADAPTATIVE POUR DISPOSITIFS DE SURVEILLANCE CONTINUE**

[72] MAYOU, PHIL, US

[72] BHAVARAJU, NARESH C., US

[72] BOWMAN, LEIF N., US

[72] CARLTON, ALEXANDRA LYNN, US

[72] DUNN, LAURA J., US

[72] GRUBSTEIN, KATHERINE YERRE, US

[72] MAHALINGAM, AARTHI, US

[72] REIHMAN, ELI, US

[72] SIMPSON, PETER C., US

[71] DEXCOM, INC., US

[85] 2016-02-02

[86] 2014-10-28 (PCT/US2014/062687)

[87] (WO2015/066051)

[30] US (61/898,300) 2013-10-31

[21] **2,920,298**
[13] A1

[51] **Int.Cl. H03M 13/00 (2006.01) G06F 11/10 (2006.01)**

[25] EN

[54] **ENHANCED AUTOMATIC IDENTIFICATION SYSTEM**

[54] **SYSTEME D'AUTHENTIFICATION AUTOMATIQUE AMELIORE**

[72] GRANT, ALEXANDER JAMES, AU

[72] LECHNER, GOTTFRIED, AU

[72] POLLOK, ANDRE, AU

[72] MCKILLIAN, ROBERT GEORGE, AU

[72] LAND, INGMAR RUDIGER, AU

[72] HALEY, DAVID VICTOR LAWRIE, AU

[72] LAVENANT, MARC PIERRE DENIS, AU

[71] UNIVERSITY OF SOUTH AUSTRALIA, AU

[85] 2016-02-03

[86] 2014-08-22 (PCT/AU2014/000832)

[87] (WO2015/024062)

[30] AU (2013903219) 2013-08-23

[21] **2,920,299**
[13] A1

[51] **Int.Cl. F24F 6/00 (2006.01) B01D 46/26 (2006.01) F24F 13/20 (2006.01)**

[25] EN

[54] **AIR WASHER**

[54] **PURIFICATEUR D'AIR**

[72] YOON, HEE JONG, KR

[71] WINIX INC., KR

[85] 2016-02-02

[86] 2014-08-01 (PCT/KR2014/007108)

[87] (WO2015/016658)

[30] KR (10-2013-0092173) 2013-08-02

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[21] **2,920,303**
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 5/178 (2006.01)**
[25] EN
[54] **INJECTION DEVICE FOR MINIMALLY INVASIVE PROCEDURES AND USES THEREOF**
[54] **DISPOSITIF D'INJECTION POUR INTERVENTIONS PEU INVASIVES ET SES UTILISATIONS**
[72] CABRERA AQUINO, JOSE GUSTAVO, MX
[72] SEGURA PACHECO, BIANCA ANGELICA, MX
[72] GERKEN, STEVEN, US
[72] MASTERSON, STEVEN, US
[71] GLOBAL BIO THERAPEUTICS, INC., US
[85] 2016-02-02
[86] 2014-08-08 (PCT/US2014/050446)
[87] (WO2015/021448)
[30] US (61/863,888) 2013-08-08

[21] **2,920,306**
[13] A1

[51] **Int.Cl. H01F 7/08 (2006.01) A61F 2/08 (2006.01) A61F 2/70 (2006.01) H02K 33/02 (2006.01)**
[25] EN
[54] **BIONIC MUSCLE**
[54] **MUSCLE BIONIQUE**
[72] LIZZIO, ANDREW, AU
[71] CLARUS TECHNOLOGIES PTY LTD, AU
[85] 2016-02-03
[86] 2014-08-02 (PCT/AU2014/050170)
[87] (WO2015/017898)
[30] AU (2013902972) 2013-08-08

[21] **2,920,308**
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSMITTING AND CONTINUOUS MONITORING OF ANALYTE VALUES**
[54] **SYSTEMES ET PROCEDES DE TRANSMISSION ET DE SURVEILLANCE CONTINUE DE VALEURS D'ANALYTES**
[72] HERNANDEZ-ROSAS, JOSE HECTOR, US
[72] LARVENZ, SHAWN, US
[72] DERVAES, MARK, US
[72] GAUBA, INDRAWATI, US
[72] MENSINGER, MICHAEL ROBERT, US
[72] COHEN, ERIC, US
[72] SMITH, BRIAN CHRISTOPHER, US
[72] VALDES, JORGE, US
[72] LEACH, JACOB S., US
[71] DEXCOM, INC., US
[85] 2016-02-02
[86] 2014-11-05 (PCT/US2014/064169)
[87] (WO2015/069797)
[30] US (61/901,358) 2013-11-07

[21] **2,920,310**
[13] A1

[51] **Int.Cl. H01H 1/00 (2006.01) A61K 31/716 (2006.01) A61K 36/899 (2006.01) C12N 9/42 (2006.01) C12N 15/29 (2006.01) H01H 5/00 (2006.01)**
[25] EN
[54] **WHEAT HAVING HIGH LEVELS OF BETA-GLUCAN**
[54] **BLE CONTENANT DE HAUTS NIVEAUX DE BETA-GLUCANES**
[72] JOBLING, STEPHEN ALAN, AU
[72] BELOBRAJDIC, DAMIEN PAUL, AU
[72] BIRD, ANTHONY RICHARD, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2016-02-03
[86] 2014-08-06 (PCT/AU2014/050173)
[87] (WO2015/017901)
[30] AU (2013902937) 2013-08-06
[30] AU (2014902241) 2014-06-12

[21] **2,920,311**
[13] A1

[51] **Int.Cl. G01V 99/00 (2009.01) E21B 43/25 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **QUANTIFYING A RESERVOIR VOLUME AND PUMP PRESSURE LIMIT**
[54] **QUANTIFICATION DU VOLUME D'UN RESERVOIR ET DE LA LIMITE DE PRESSION D'UNE POMPE**
[72] ABOU-SAYED, AHMED S., US
[72] LOLOI, MEHDI, US
[72] ABOU-SAYED, OMAR, US
[72] BLOCK, GARETH, US
[71] ADVANTEK INTERNATIONAL CORPORATION, US
[85] 2016-02-02
[86] 2015-06-11 (PCT/US2015/035433)
[87] (WO2015/191927)
[30] US (62/010,911) 2014-06-11
[30] US (14/452,525) 2014-08-05

[21] **2,920,312**
[13] A1

[51] **Int.Cl. A61K 38/39 (2006.01) A61B 17/03 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **REGENERATION OF DAMAGED TISSUE**
[54] **REGENERATION D'UN TISSU LESE**
[72] WEISS, ANTHONY STEVEN, AU
[71] ELASTAGEN PTY LTD, AU
[85] 2016-02-03
[86] 2014-08-13 (PCT/AU2014/050180)
[87] (WO2015/021508)
[30] AU (2013903092) 2013-08-13

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[21] **2,920,314**
[13] A1

[51] **Int.Cl. G01N 29/07 (2006.01) G01L 1/25 (2006.01) G01N 29/11 (2006.01) G01N 29/24 (2006.01)**

[25] EN

[54] **METHOD FOR DETECTING TEMPORALLY VARYING THERMOMECHANICAL STRESSES AND/OR STRESS GRADIENTS OVER THE WALL THICKNESS OF METAL BODIES**

[54] **PROCEDE POUR DETECTER DES TENSIONS THERMOMECHANIQUES ET/OU DES GRADIENTS DE TENSION VARIABLES DANS LE TEMPS SUR L'EPAISSEUR DE PAROI DE CORPS METALLIQUES**

[72] ALTPETER, IRIS, DE
[72] TSCHUNKY, RALF, DE
[72] HERRMANN, HANS-GEORG, DE
[72] KURZ, JOCHEN, DE
[72] DOBMANN, GERD, DE
[72] HUBSCHEN, GERHARD, DE
[72] BERGHOLZ, STEFFEN, DE
[72] RUDOLPH, JURGEN, DE
[71] AREVA GMBH, DE
[85] 2015-08-13
[86] 2014-02-20 (PCT/EP2014/000457)
[87] (WO2014/131499)
[30] DE (10 2013 003 500.7) 2013-02-28

[21] **2,920,315**
[13] A1

[51] **Int.Cl. C07C 217/14 (2006.01) A61K 31/138 (2006.01) A61P 11/06 (2006.01) A61P 11/08 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **DIPHENYLOXYALKYLAMINE DERIVATIVES AND ARYLOXYALKYLAMINE DERIVATIVES, PHARMACEUTICAL COMPOSITION, USE OF SAID PHARMACEUTICAL COMPOSITION FOR TREATING, PREVENTING OR INHIBITING CHRONIC PULMONARY INFLAMMATORY DISEASES AND METHOD FOR TREATING OR PREVENTING SUCH DISEASES**

[54] **DERIVES BIPHENYLOXY-ALKYLAMINES ET ARYLOXY-ALKYLAMINES, COMPOSITION PHARMACEUTIQUE, UTILISATION DE CETTE COMPOSITION PHARMACEUTIQUE DANS LE TRAITEMENT OU LA PREVENTION OU L'INHIBITION DE MALADIES INFLAMMATOIRES PULMONAIRES CHRONIQUES ET METHODE DE TRAITEMENT OU DE PREVENTION DE CES MALADIES**

[72] MARTINS, MARCO AURELIO, BR
[72] DA COSTA, JORGE CARLOS SANTOS, BR
[72] DA SILVA, EMERSON TEIXEIRA, BR
[72] FARIA, ROBSON XAVIER, BR
[72] DE SOUZA, MARCUS VINICIUS NORA, BR
[72] SERRA, MAGDA FRAGUAS, BR
[71] FUNDACAO OSWALDO CRUZ, BR
[85] 2016-02-03
[86] 2014-08-06 (PCT/BR2014/000266)
[87] (WO2015/017906)
[30] BR (BR102013 020313 0) 2013-08-09

[21] **2,920,318**
[13] A1

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

[25] EN

[54] **REMOTE PROTECTION AND SWITCHING DEVICE FOR ELECTRICAL SYSTEMS**

[54] **DISPOSITIF DE COMMUTATION ET PROTECTION A DISTANCE DE SYSTEMES ELECTRIQUES**

[72] MOESKOPS, ERIC, BE
[71] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
[85] 2016-02-03
[86] 2014-08-12 (PCT/EP2014/067252)
[87] (WO2015/022329)
[30] BE (2013/0544) 2013-08-14

[21] **2,920,319**
[13] A1

[51] **Int.Cl. C07C 5/367 (2006.01) C07C 5/387 (2006.01) C07C 15/02 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCTION OF P-CYMENE**

[54] **PROCEDE DE PRODUCTION DE P-CYMENE**

[72] BRUCHER, JORG, SE
[72] BLOMBERG SAITTON, DAVID, SE
[71] HOLMEN AB, SE
[85] 2016-02-03
[86] 2014-08-12 (PCT/SE2014/050934)
[87] (WO2015/023225)
[30] SE (1350954-2) 2013-08-14

[21] **2,920,321**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C07K 7/08 (2006.01) C07K 14/72 (2006.01)**

[25] EN

[54] **PEPTIDES**

[54] **PEPTIDES**

[72] WRAITH, DAVID, GB
[71] APITOPE INTERNATIONAL NV, BE
[85] 2016-02-03
[86] 2014-08-06 (PCT/IB2014/063739)
[87] (WO2015/019302)
[30] GB (1314052.0) 2013-08-06

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[21] **2,920,328**
[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) C12N 15/115 (2010.01) A61K 31/711 (2006.01) A61K 31/713 (2006.01) A61K 47/34 (2006.01) A61K 48/00 (2006.01)**

[25] EN

[54] **NUCLEIC ACID-ENCAPSULATING POLYMER MICELLE COMPLEX AND METHOD FOR PRODUCING SAME**

[54] **COMPLEXE DE MICELLES POLYMERES CONTENANT DE L'ACIDE NUCLEIQUE, ET PROCEDE DE FABRICATION DE CELUI-CI**

[72] KATAOKA, KAZUNORI, JP
[72] OSADA, KENSUKE, JP
[72] TOCKARY, THEOFILUS AGRIOS, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP

[85] 2016-02-03
[86] 2014-08-05 (PCT/JP2014/070567)
[87] (WO2015/020026)
[30] JP (2013-163106) 2013-08-06

[21] **2,920,329**
[13] A1

[51] **Int.Cl. B21D 22/26 (2006.01) B21D 22/20 (2006.01) B21D 24/00 (2006.01) B21D 53/88 (2006.01)**

[25] EN

[54] **PRESS-MOLDED PRODUCT, PRESS-MOLDED PRODUCT PRODUCING METHOD, AND PRESS-MOLDED PRODUCT PRODUCING APPARATUS**

[54] **PRODUIT MOULE A LA PRESSE, PROCEDE DE FABRICATION DE PRODUIT MOULE A LA PRESSE, ET DISPOSITIF DE FABRICATION DE PRODUIT MOULE A LA PRESSE**

[72] ITO, YASUHIRO, JP
[72] NAKAZAWA, YOSHIKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-02-03
[86] 2014-08-06 (PCT/JP2014/070682)
[87] (WO2015/040969)
[30] JP (2013-195952) 2013-09-20

[21] **2,920,331**
[13] A1

[51] **Int.Cl. A61K 31/517 (2006.01)**

[25] EN

[54] **SMALL MOLECULE INHIBITORS OF VIRAL PROTEIN INTERACTIONS WITH HUMAN T-RNA**

[54] **INHIBITEURS A PETITES MOLECULES DES INTERACTIONS DES PROTEINES VIRALES AVEC L'ARN T HUMAIN**

[72] VENDEIX, FRANCK A., US
[72] AGRIS, PAUL F., US
[71] SIRGA ADVANCED BIOPHARMA, INC., US

[85] 2016-02-03
[86] 2013-08-06 (PCT/US2013/053747)
[87] (WO2014/025749)
[30] US (61/680,064) 2012-08-06

[21] **2,920,332**
[13] A1

[51] **Int.Cl. B29C 49/02 (2006.01) B29B 11/02 (2006.01) B29B 11/04 (2006.01) B29B 11/10 (2006.01) B29C 49/08 (2006.01) B29C 49/22 (2006.01) B29C 53/54 (2006.01) B29C 65/00 (2006.01) B65D 1/02 (2006.01) B32B 27/00 (2006.01)**

[25] EN

[54] **METHOD FOR MANUFACTURING MULTI-BARRIER LAYER BLOW MOLDED CONTAINERS**

[54] **PROCEDE POUR FABRIQUER DES RECIPIENTS MOULES PAR SOUFFLAGE DE COUCHE A BARRIERES MULTIPLES**

[72] CHOUGULE, VIVEK A., IN
[72] ELLEITHY, RABEH H., US
[72] FOSTER, DAVID T., US
[72] BOWEN, HAROLD S., US
[71] PRINTPACK ILLINOIS, INC., US

[85] 2016-02-03
[86] 2014-08-07 (PCT/US2014/050202)
[87] (WO2015/023511)
[30] US (61/864,795) 2013-08-12

[21] **2,920,333**
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 40/06 (2012.01)**

[25] EN

[54] **MAPPING PENSION PLANNING TO A METAPHOR**

[54] **MAPPAGE D'UNE PLANIFICATION DE PENSION A UNE METAPHORE**

[72] FOWLER, GEORGE, GB
[72] HENDERSON, BRIAN, GB
[71] MERCER (US) INC., US

[85] 2016-02-02
[86] 2014-08-13 (PCT/US2014/050954)
[87] (WO2015/023792)
[30] US (61/865,232) 2013-08-13

[21] **2,920,334**
[13] A1

[51] **Int.Cl. C12Q 1/32 (2006.01) A61B 6/03 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR QUANTITATIVE MAPPING OF MITOCHONDRIAL COMPLEX I**

[54] **SYSTEME ET METHODE DE CARTOGRAPHIE QUANTITATIVE DU COMPLEXE MITOCHONDRIAL I**

[72] EL FAKHRI, GEORGES, US
[72] ALPERT, NATHANIEL, US
[71] THE GENERAL HOSPITAL CORPORATION, US

[85] 2016-02-03
[86] 2013-08-12 (PCT/US2013/054551)
[87] (WO2014/028392)
[30] US (61/682,601) 2012-08-13
[30] US (61/783,468) 2013-03-14

[21] **2,920,336**
[13] A1

[51] **Int.Cl. A63F 13/25 (2014.01) A63F 13/212 (2014.01) A63F 13/215 (2014.01) A63F 13/217 (2014.01)**

[25] EN

[54] **COMPUTER-IMPLEMENTED GAME WITH MODIFIED OUTPUT**

[54] **JEU MIS EN OEUVRE SUR ORDINATEUR AVEC SORTIE MODIFIEE**

[72] DALRYMPLE, ERIC, CA
[72] TAM, WES, CA
[72] PINARD, DEBBIE, CA
[71] GIGATAUR CORPORATION, CA

[85] 2016-02-04
[86] 2013-04-03 (PCT/CA2013/000317)
[87] (WO2014/161060)

Demandes PCT entrant en phase nationale

[21] **2,920,337**
[13] A1

[51] **Int.Cl. A61M 16/10 (2006.01) A61M 16/04 (2006.01) A61M 16/16 (2006.01)**

[25] EN

[54] **RESPIRATORY THERAPY CONDENSATION ADAPTOR**

[54] **ADAPTATEUR DE CONDENSATION POUR THERAPIE RESPIRATOIRE**

[72] NILAND, WILLIAM F., US

[72] CORTEZ, FELINO V., JR., US

[71] VAPOTHERM, INC., US

[85] 2016-02-03

[86] 2014-08-08 (PCT/US2014/050382)

[87] (WO2015/021405)

[30] US (61/863,610) 2013-08-08

[21] **2,920,338**
[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/10 (2012.01)**

[25] EN

[54] **FLUID FLOW SENSOR**

[54] **CAPTEUR D'ECOULEMENT DE FLUIDE**

[72] LIANG, ZHAO, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-02-03

[86] 2013-09-03 (PCT/US2013/057783)

[87] (WO2015/034457)

[21] **2,920,339**
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12N 15/00 (2006.01)**

[25] EN

[54] **INSECTICIDAL PROTEINS AND METHODS FOR THEIR USE**

[54] **PROTEINES INSECTICIDES ET LEURS PROCEDES D'UTILISATION**

[72] LIU, LU, US

[72] O'REAR, JESSICA, US

[72] PARK, YOUNG JUN, US

[72] ROSEN, BARBARA, US

[72] SCHELLENBERGER, UTE, US

[72] SCHEPERS, ERIC, US

[72] WEI, ZUN-ZHI, US

[72] XIE, WEIPING, US

[72] YALPANI, NASSER, US

[72] ZHONG, XIAOHONG, US

[72] ZHU, GENHAI, US

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

[71] E. I. DUPONT DE NEMOURS & COMPANY, US

[85] 2016-02-02

[86] 2014-08-14 (PCT/US2014/051063)

[87] (WO2015/023846)

[30] US (61/866,747) 2013-08-16

[21] **2,920,340**
[13] A1

[51] **Int.Cl. A47J 37/12 (2006.01)**

[25] EN

[54] **COOKING APPARATUS AND SYSTEMS WITH AIR PURGE AND HEATERS**

[54] **APPAREIL ET SYSTEMES DE CUISSON AYANT UNE PURGE D'AIR ET DES ELEMENTS CHAUFFANTS**

[72] FLORKEY, EDWARD J., US

[71] HENNY PENNY CORPORATION, US

[85] 2016-02-01

[86] 2014-07-03 (PCT/US2014/045482)

[87] (WO2015/003168)

[30] US (61/842,933) 2013-07-03

[21] **2,920,341**
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) A01N 43/00 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOUNDS**

[54] **COMPOSES HERBICIDES**

[72] PHADTE, MANGALA, IN

[72] SONAWANE, RAVINDRA, IN

[72] HENNESSY, ALAN JOSEPH, GB

[72] BOEHMER, JUTTA ELISABETH, GB

[72] LONGSTAFF, ADRIAN, GB

[72] DESSON, TIMOTHY ROBERT, GB

[72] RUSSELL, SALLY ELIZABETH, GB

[72] HOTSON, MATTHEW BRIAN, GB

[72] MOSELEY, DONN WARWICK, GB

[72] MORRIS, JAMES ALAN, GB

[72] RUSSELL, CLAIRE JANET, GB

[72] GOODWIN-TINDALL, JAKE, GB

[71] SYNGENTA LIMITED, GB

[71] SYNGENTA PARTICIPATIONS AG, CH

[85] 2016-02-03

[86] 2014-08-14 (PCT/EP2014/067407)

[87] (WO2015/024853)

[30] IN (2503/DEL/2013) 2013-08-20

[21] **2,920,342**
[13] A1

[51] **Int.Cl. C01B 33/141 (2006.01) C01B 33/145 (2006.01) D21H 17/37 (2006.01) D21H 17/68 (2006.01) D21H 21/10 (2006.01)**

[25] EN

[54] **SILICA SOL**

[54] **SOL DE SILICE**

[72] SANNE, ERIK, SE

[72] HANSSON, FREDDIE, SE

[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL

[85] 2016-02-03

[86] 2014-08-20 (PCT/EP2014/067695)

[87] (WO2015/024951)

[30] EP (13181479.0) 2013-08-23

[30] EP (13188730.9) 2013-10-15

PCT Applications Entering the National Phase

[21] **2,920,343**
[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING A SOCIAL NETWORKING SYSTEM TO ADD PRODUCTS TO SHOPPING CARTS OF THIRD-PARTY MERCHANTS**
[54] **SYSTEMES ET PROCEDES POUR L'UTILISATION D'UN SYSTEME DE RESEAU SOCIAL AFIN D'AJOUTER DES PRODUITS A DES PANIERS D'ACHATS DE MARCHANDS TIERS**
[72] LINDEN, LEE CHARLES, US
[72] LEWIS, BENJAMIN, US
[71] FACEBOOK, INC., US
[85] 2016-02-03
[86] 2014-05-22 (PCT/US2014/039200)
[87] (WO2015/050584)
[30] US (61/887,306) 2013-10-04
[30] US (14/279,062) 2014-05-15
[30] US (14/284,250) 2014-05-21

[21] **2,920,344**
[13] A1

[51] **Int.Cl. C01B 33/04 (2006.01)**
[25] EN
[54] **DENSITY ENHANCEMENT METHODS AND COMPOSITIONS**
[54] **PROCEDES D'AMELIORATION DE LA DENSITE ET COMPOSITIONS ASSOCIEES**
[72] HOPKINS, ADAM BAYNE, US
[72] TORQUATO, SALVATORE, US
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[71] HOPKINS, ADAM BAYNE, US
[85] 2016-02-02
[86] 2014-08-18 (PCT/US2014/051468)
[87] (WO2015/073081)
[30] US (61/867,788) 2013-08-20
[30] US (61/933,007) 2014-01-29
[30] US (62/014,922) 2014-06-20

[21] **2,920,346**
[13] A1

[51] **Int.Cl. A01N 43/04 (2006.01) C07H 15/24 (2006.01)**
[25] EN
[54] **PREPARATION OF (S,S)-SECOISOLARICRESINOL DIGLUCOSIDE AND (R,R)-SECOISOLARICRESINOL DIGLUCOSIDE**
[54] **PREPARATION DE (S,S)-SECOISOLARICRESINOL DIGLUCOSIDE ET DE (R,R)-SECOISOLARICRESINOL DIGLUCOSIDE**
[72] CHRISTOFIDOU-SOLOMIDOU, MELPO, US
[72] NICOLAOU, KYRIACOS C., US
[72] VALIULIN, ROMAN A., US
[72] SIMMONS, NICHOLAS, US
[72] HERETSCH, PHILIPP M., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2016-02-03
[86] 2014-06-10 (PCT/US2014/041636)
[87] (WO2014/200964)
[30] US (61/833,258) 2013-06-10

[21] **2,920,349**
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **REMOTE PHARMACEUTICAL VERIFICATION**
[54] **VERIFICATION DE MEDICAMENT A DISTANCE**
[72] JACOBS, ALAN, US
[72] JACOBS, JENNIFER, US
[72] NIKITINA, YANA, US
[71] PERCEPTIMED, INC., US
[85] 2016-02-03
[86] 2014-08-08 (PCT/US2014/050440)
[87] (WO2015/021442)
[30] US (61/864,456) 2013-08-09

[21] **2,920,351**
[13] A1

[51] **Int.Cl. A61M 25/06 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL CANNULA FEATURE CAPTURE MECHANISM**
[54] **MECANISME DE CAPTURE DE PARTIE DE CANULE BIDIRECTIONNELLE**
[72] BURKHOLZ, JONATHAN KARL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-02-03
[86] 2014-07-08 (PCT/US2014/045774)
[87] (WO2015/006340)
[30] US (13/939,575) 2013-07-11

[21] **2,920,352**
[13] A1

[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **DELAYED VISCOSITY WELL TREATMENT METHODS AND FLUIDS**
[54] **PROCEDES ET FLUIDES POUR LE TRAITEMENT DES PUITES A DEVELOPPEMENT RETARDE DE LA VISCOSITE**
[72] LEGEMAH, MAGNUS, US
[72] CARMAN, PAUL, US
[72] VENUGOPAL, RUPA, US
[72] SUN, HONG, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-02-02
[86] 2014-08-19 (PCT/US2014/051596)
[87] (WO2015/026763)
[30] US (13/973,756) 2013-08-22

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[21] **2,920,353**
[13] A1

[51] **Int.Cl. C07D 241/44 (2006.01) C07C 227/18 (2006.01) C07C 229/60 (2006.01)**

[25] EN

[54] **PRODUCTION METHOD FOR,3-DIMETHYL-3,4-DIHYDRO-1H-QUINOXALINE-2-ONE DERIVATIVE AND INTERMEDIATE FOR SAID PRODUCTION METHOD**

[54] **PROCEDE DE PRODUCTION POUR UN DERIVE DE 3,3-DIMETHYL-3,4-DIHYDRO-1H-QUINOXALIN-2-ONE ET INTERMEDEIAIRE POUR LEDIT PROCEDE DE PRODUCTION**

[72] KUDOU, KAZUHIRO, JP
[72] NAGATSUKA, MASATO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP

[85] 2016-02-03
[86] 2014-08-08 (PCT/JP2014/071053)
[87] (WO2015/020204)
[30] JP (2013-166643) 2013-08-09

[21] **2,920,354**
[13] A1

[51] **Int.Cl. A61J 7/02 (2006.01)**

[25] EN

[54] **PILL FEEDER**

[54] **DISTRIBUTEUR DE PILULES**

[72] JACOBS, ALAN, US
[72] LOEB, BRANDON, US
[72] PEIKIN, ROBERT, US
[71] PERCEPTIMED, INC., US

[85] 2016-02-03
[86] 2014-08-08 (PCT/US2014/050443)
[87] (WO2015/021445)
[30] US (61/864,468) 2013-08-09
[30] US (61/926,870) 2014-01-13
[30] US (61/990,257) 2014-05-08

[21] **2,920,355**
[13] A1

[51] **Int.Cl. B21D 22/26 (2006.01) B21D 19/00 (2006.01) B21D 22/20 (2006.01) B21D 24/00 (2006.01)**

[25] EN

[54] **PRESS-MOLDED PRODUCT, PRESS-MOLDED PRODUCT PRODUCING METHOD, AND PRESS-MOLDED PRODUCT PRODUCING APPARATUS**

[54] **PRODUIT MOULE A LA PRESSE, PROCEDE POUR OBTENIR UN PRODUIT MOULE A LA PRESSE ET DISPOSITIF POUR OBTENIR UN PRODUIT MOULE A LA PRESSE**

[72] NAKAZAWA, YOSHIKI, JP
[72] ITO, YASUHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2016-02-03
[86] 2014-08-26 (PCT/JP2014/072281)
[87] (WO2015/041009)
[30] JP (2013-195951) 2013-09-20

[21] **2,920,356**
[13] A1

[51] **Int.Cl. E21B 7/08 (2006.01) E21B 17/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODOLOGY FOR MECHANICALLY RELEASING A RUNNING STRING**

[54] **SYSTEME ET METHODOLOGIE POUR LIBERER MECANIQUEMENT UN TRAIN DE TIGES**

[72] HURTADO, JOSE F., US
[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-02-03
[86] 2014-08-11 (PCT/US2014/050488)
[87] (WO2015/023563)
[30] US (13/967,749) 2013-08-15

[21] **2,920,357**
[13] A1

[51] **Int.Cl. F26B 9/08 (2006.01) F26B 25/00 (2006.01)**

[25] EN

[54] **FOOD WASTE VACUUM-DRYING DISPOSAL SYSTEM**

[54] **SYSTEME DE MISE AU REBUT PAR SECHAGE SOUS VIDE DE DECHETS ALIMENTAIRES**

[72] CHANG, HYUN JI, KR
[72] CHANG, TAE SUN, KR
[72] CHANG, WOO DAM, KR
[71] CHANG, HYUN JI, KR
[71] CHANG, TAE SUN, KR
[71] CHANG, WOO DAM, KR

[85] 2016-02-03
[86] 2014-08-07 (PCT/KR2014/007309)
[87] (WO2015/020447)
[30] KR (10-2013-0093467) 2013-08-07

[21] **2,920,359**
[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01) G08G 5/00 (2006.01)**

[25] EN

[54] **VEHICLE USER INTERFACE ADAPTATION**

[54] **ADAPTATION D'INTERFACE UTILISATEUR DE VEHICULE**

[72] ZIMMERMAN, JAMES BRYAN, US
[71] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US

[85] 2016-02-02
[86] 2014-08-27 (PCT/US2014/052961)
[87] (WO2015/073099)
[30] US (61/872,404) 2013-08-30
[30] US (14/453,311) 2014-08-06

[21] **2,920,360**
[13] A1

[51] **Int.Cl. E21B 17/00 (2006.01) E21B 7/04 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODOLOGY FOR LOCATING A DEFLECTOR**

[54] **SYSTEME ET METHODOLOGIE DE POSITIONNEMENT D'UN DEFLECTEUR**

[72] HURTADO, JOSE F., US
[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2016-02-03
[86] 2014-08-11 (PCT/US2014/050493)
[87] (WO2015/023567)
[30] US (13/967,787) 2013-08-15

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[21] **2,920,361**
[13] A1

[51] **Int.Cl. B65G 1/137 (2006.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ORDER PROCESSING**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE COMMANDE**
[72] LINDBO, LARS SVERKER TURE, GB
[72] INGRAM-TEDD, ANDREW JOHN, GB
[72] NORTH, STUART RICHARD, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2015-12-16
[86] 2014-06-12 (PCT/IB2014/062165)
[87] (WO2014/203126)
[30] GB (1310784.2) 2013-06-17

[21] **2,920,362**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADVERTISING**
[54] **SYSTEMES ET PROCEDES POUR ANNONCES PUBLICITAIRES**
[72] KERRISK, CHRISTOPHER, AU
[72] WATT, CRAIG, AU
[72] SINGH, AJMER, IN
[72] MATURA, AKHILESH, IN
[71] UNLOCKD MEDIA PTY. LTD., AU
[85] 2016-02-04
[86] 2014-08-07 (PCT/AU2014/000794)
[87] (WO2015/017892)
[30] AU (2013902962) 2013-08-07
[30] AU (2013101551) 2013-11-26

[21] **2,920,363**
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREDICTING A NEED FOR A BLOOD TRANSFUSION**
[54] **PROCEDE ET APPAREIL DE PREDICTION D'UN BESOIN DE TRANSFUSION SANGUINE**
[72] HU, PETER FUMING, US
[72] MACKENZIE, COLIN, US
[72] YANG, SHIMING, US
[72] CHEN, HEGANG, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[85] 2016-02-03
[86] 2014-08-12 (PCT/US2014/050790)
[87] (WO2015/023708)
[30] US (61/864,832) 2013-08-12

[21] **2,920,364**
[13] A1

[51] **Int.Cl. F16B 2/20 (2006.01)**
[25] EN
[54] **CLIP FOR HARD HAT**
[54] **CLIP POUR CASQUE DE PROTECTION**
[72] VERMILLION, BRADLEY N., US
[71] VERMILLION, BRADLEY N., US
[85] 2016-02-03
[86] 2014-07-11 (PCT/US2014/046261)
[87] (WO2015/020755)
[30] US (13/959,869) 2013-08-06

[21] **2,920,365**
[13] A1

[51] **Int.Cl. H01G 11/30 (2013.01) H01G 11/44 (2013.01) H01G 11/86 (2013.01)**
[25] EN
[54] **A MULTICOMPONENT APPROACH TO ENHANCE STABILITY AND CAPACITANCE IN POLYMER-HYBRID SUPERCAPACITORS**
[54] **APPROCHE MULTICOMPOSANT POUR AMELIORER LA STABILITE ET LA CAPACITE DANS DES SUPERCONDENSATEURS HYBRIDES A BASE DE POLYMERE**
[72] VONLANTHEN, DAVID, US
[72] WUDL, FRED, US
[72] HEEGER, ALAN J., US
[72] LAZAREV, PAVEL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] BIOSOLAR, INC., US
[85] 2016-02-03
[86] 2014-08-15 (PCT/US2014/051330)
[87] (WO2015/023974)
[30] US (61/866,398) 2013-08-15

[21] **2,920,366**
[13] A1

[51] **Int.Cl. G09B 9/08 (2006.01) G09B 9/48 (2006.01)**
[25] EN
[54] **UNMANNED VEHICLE SIMULATION**
[54] **SIMULATION D'UN VEHICULE SANS PILOTE**
[72] HALES, SIMON A., US
[72] TROWBRIDGE, TEDDY T., US
[71] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US
[85] 2016-02-02
[86] 2014-08-28 (PCT/US2014/053074)
[87] (WO2015/073100)
[30] US (61/872,243) 2013-08-30
[30] US (14/453,462) 2014-08-06

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[21] **2,920,367**
[13] A1

[51] **Int.Cl. F41B 7/00 (2006.01) F41B 7/08 (2006.01)**

[25] EN

[54] **ELASTIC PROJECTILE PROPULSION SYSTEMS AND METHODS**

[54] **SYSTEMES ET PROCEDES DE PROPULSION DE PROJECTILE ELASTIQUES**

[72] POLANICH, JONATHAN C., US

[72] BOND, JAMES T., US

[71] SERPENT RURAL SPORTS LLC, US

[85] 2016-02-03

[86] 2014-08-18 (PCT/US2014/051440)

[87] (WO2015/026702)

[30] US (61/867,383) 2013-08-19

[30] US (61/946,736) 2014-03-01

[21] **2,920,368**
[13] A1

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

[25] EN

[54] **USE OF A CD6 BINDING PARTNER AND METHOD BASED THEREON**

[54] **UTILISATION D'UN PARTENAIRE DE LIAISON DE CD6 ET PROCEDE ASSOCIE**

[72] NAIR, PRADIP, IN

[72] MELARKODE, RAMAKRISHNAN, IN

[72] MANIAN, BALA S, US

[72] BARVE, ABHIJIT, IN

[72] BUGHANI, USHA, IN

[72] MONTERO CASIMIRO, JOSE ENRIQUE, CU

[71] CENTRO DE INMUNOLOGIA MOLECULAR, CU

[71] BIOCON LIMITED, IN

[85] 2016-01-08

[86] 2014-07-23 (PCT/IB2014/063345)

[87] (WO2015/011658)

[30] IN (3264/CHE/2013) 2013-07-23

[21] **2,920,369**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **ANTI-PRLR ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS ANTI-PRLR ET UTILISATIONS ASSOCIEES**

[72] PAPADOPOULOS, NICHOLAS, US

[72] THURSTON, GAVIN, US

[72] KIRSHNER, JESSICA, US

[72] KELLY, MARCUS, US

[72] NITTOLI, THOMAS, US

[72] DELFINO, FRANK, US

[71] REGENERON PHARMACEUTICALS, INC., US

[85] 2016-02-03

[86] 2014-08-20 (PCT/US2014/051831)

[87] (WO2015/026907)

[30] US (61/868,185) 2013-08-21

[30] US (62/012,440) 2014-06-16

[30] US (62/026,088) 2014-07-18

[21] **2,920,371**
[13] A1

[51] **Int.Cl. H04W 24/10 (2009.01)**

[25] EN

[54] **TERMINAL INFORMATION REPORTING METHOD AND RELATED DEVICE**

[54] **PROCEDE DE RAPPORT D'INFORMATIONS DE TERMINAL ET DISPOSITIF ASSOCIE**

[72] ZHANG, TAO, CN

[72] LIN, BO, CN

[72] CHEN, YANYAN, CN

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2016-02-04

[86] 2013-08-07 (PCT/CN2013/081010)

[87] (WO2015/018011)

[21] **2,920,372**
[13] A1

[51] **Int.Cl. B32B 15/08 (2006.01) B32B 27/12 (2006.01) B32B 33/00 (2006.01) H01B 1/12 (2006.01)**

[25] EN

[54] **PYROLIZED ORGANIC LAYERS AND CONDUCTIVE PREPREGS MADE THEREWITH**

[54] **COUCHES ORGANIQUES PYROLYSEES ET PREIMPREGNES CONDUCTEURS FABRIQUES AU MOYEN DE CELLES-CI**

[72] WONG, RAYMOND S., US

[72] ZHENG, HUABING, US

[71] HENKEL IP & HOLDING GMBH, DE

[85] 2016-02-03

[86] 2014-08-21 (PCT/US2014/051984)

[87] (WO2015/047605)

[30] US (61/881,601) 2013-09-24

[21] **2,920,374**
[13] A1

[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/34 (2006.01) A61K 8/86 (2006.01) A61Q 5/10 (2006.01)**

[25] EN

[54] **MULTI-COMPONENT PACKAGING UNIT FOR OXIDATIVELY DYEING KERATIN FIBERS, HAVING REDUCED AMMONIA ODOR**

[54] **UNITE DE CONDITIONNEMENT DE PLUSIEURS COMPOSANTS POUR LA COLORATION OXYDATIVE DE FIBRES DE KERATINE, DEGAGEANT UNE MOINDRE ODEUR D'AMMONIAC**

[72] NEUBA, CONSTANZE, DE

[72] MULLER, BURKHARD, DE

[71] HENKEL AG & CO. KGAA, DE

[85] 2016-02-03

[86] 2014-07-23 (PCT/DE2014/200343)

[87] (WO2015/018412)

[30] DE (10 2013 215 583.2) 2013-08-07

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[21] **2,920,376**
[13] A1

[51] **Int.Cl. A61K 38/00 (2006.01) A61K 39/395 (2006.01) A61P 15/00 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **ANTIBODIES, COMPOUNDS AND DERIVATIVES THEREOF FOR USE IN THE TREATMENT OF MALE INFERTILITY**

[54] **ANTICORPS, COMPOSES ET DERIVES ASSOCIES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE L'INFERTILITE MASCULINE**

[72] JENSEN, MARTIN BLOMBERG, DK

[71] RIGSHOSPITALET, COPENHAGEN UNIVERSITY HOSPITAL, DK

[85] 2016-02-03

[86] 2014-08-04 (PCT/DK2014/050235)

[87] (WO2015/018421)

[30] EP (13179609.6) 2013-08-07

[21] **2,920,378**
[13] A1

[51] **Int.Cl. B65B 61/14 (2006.01)**

[25] EN

[54] **BAIL HANDLE APPLICATOR**

[54] **APPLICATEUR D'ANSE**

[72] SHAVER, RUSTY, US

[72] FUTRAL, DANIEL, US

[72] DYGERT, DOUG, US

[71] RING CONTAINER TECHNOLOGIES, LLC, US

[85] 2016-02-03

[86] 2015-03-30 (PCT/US2015/023300)

[87] (WO2015/153435)

[30] US (61/972,644) 2014-03-31

[21] **2,920,379**
[13] A1

[51] **Int.Cl. C09K 8/44 (2006.01) E21B 33/138 (2006.01) E21B 43/04 (2006.01)**

[25] EN

[54] **EPOXY RESIN FORMULATIONS CONTAINING AN IMPACT MODIFIER FOR USE IN SUBTERRANEAN WELLS**

[54] **FORMULATION DE RESINE EPOXY CONTENANT UN AGENT DE MODIFICATION DE LA RESISTANCE AU CHOC EN VUE D'UNE UTILISATION DANS DES Puits SOUTERRAINS**

[72] JONES, PAUL JOSEPH, US

[72] HUNDT, GREG, US

[72] KARCHER, JEFFERY DWANE, US

[72] GUILLORY, BRITTNEY NICOLE, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2016-02-03

[86] 2013-09-04 (PCT/US2013/057905)

[87] (WO2015/034473)

[21] **2,920,380**
[13] A1

[51] **Int.Cl. D04H 1/4209 (2012.01) D04H 1/74 (2006.01) E04D 5/10 (2006.01)**

[25] EN

[54] **MINERAL FIBER BATTING FOR THE MANUFACTURE OF THERMALLY INSULATING COMPOSITE**

[54] **NAPPE DE FIBRES MINERALES POUR LA FABRICATION DE COMPOSITE THERMO-ISOLANT**

[72] BREGAL, LAURENCE, FR

[71] SAINT-GOBAIN ISOVER, FR

[85] 2016-02-03

[86] 2013-08-09 (PCT/EP2013/066765)

[87] (WO2015/018462)

[21] **2,920,381**
[13] A1

[51] **Int.Cl. B01D 39/00 (2006.01) B01D 35/00 (2006.01)**

[25] EN

[54] **FILTER MEDIA FOR GRAVITY FILTRATION APPLICATIONS**

[54] **SUPPORT DE FILTRATION POUR APPLICATIONS DE FILTRATION PAR GRAVITE**

[72] HUDA, STEPHEN P., US

[72] LOMBARDO, ANDREW, US

[72] TAYLOR, BRUCE, US

[72] BRIGANO, FRANK A., US

[71] KX TECHNOLOGIES LLC, US

[85] 2016-02-03

[86] 2014-07-10 (PCT/US2014/046154)

[87] (WO2015/006564)

[30] US (61/845,595) 2013-07-12

[30] US (14/328,067) 2014-07-10

[21] **2,920,382**
[13] A1

[51] **Int.Cl. A61B 3/113 (2006.01) A61F 9/008 (2006.01)**

[25] EN

[54] **ADJUSTING LASER TREATMENT IN RESPONSE TO CHANGES IN THE EYE**

[54] **AJUSTEMENT DE TRAITEMENT AU LASER EN REPONSE A DES CHANGEMENTS DANS L'OEIL**

[72] LEMONIS, SISSIMOS, DE

[72] ABRAHAM, MARIO, DE

[71] WAVELIGHT GMBH, DE

[85] 2016-02-03

[86] 2013-09-24 (PCT/EP2013/069791)

[87] (WO2015/043616)

[21] **2,920,383**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTROL OF BAILMENT INVENTORY**

[54] **SYSTEME ET PROCEDE DE COMMANDE D'INVENTAIRE DE DEPOT**

[72] ESFHANI, DAVID, US

[72] PACQUE, DEREK, US

[72] GEULA, KIUMARZ, US

[71] CHEXOLOGY LLC, US

[85] 2016-02-03

[86] 2015-05-13 (PCT/US2015/030646)

[87] (WO2015/175709)

[30] US (61/992,810) 2014-05-13

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[21] **2,920,384**
[13] A1

[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/08 (2006.01) A61F 2/24 (2006.01)**

[25] EN

[54] **SYNTHETIC CHORD FOR CARDIAC VALVE REPAIR APPLICATIONS**

[54] **CORDON SYNTHETIQUE POUR APPLICATIONS DE REPARATION DE VALVULES CARDIAQUES**

[72] LONGORIA, JAMES, US
[72] CHIN, ROY, US
[71] LC THERAPEUTICS, INC., US
[85] 2016-02-03
[86] 2014-07-25 (PCT/US2014/048305)
[87] (WO2015/020816)
[30] US (61/862,922) 2013-08-06
[30] US (61/889,331) 2013-10-10
[30] US (61/948,480) 2014-03-05

[21] **2,920,385**
[13] A1

[51] **Int.Cl. F04B 37/14 (2006.01) F04B 53/10 (2006.01) F04C 28/06 (2006.01) F16K 31/126 (2006.01) F16K 41/10 (2006.01) F16K 51/02 (2006.01)**

[25] EN

[54] **STARTING VALVE FOR A FLUID OPERATING MACHINE WORKING IN A VACUUM SYSTEM**

[54] **SOUPAPE DE LANCEMENT POUR UNE MACHINE D'ACTIONNEMENT A FLUIDE TRAVAILLANT DANS UN SYSTEME SOUS VIDE**

[72] CAVATORTA, PAOLO, IT
[72] TOMEI, UMBERTO, IT
[71] GARDNER DENVER S.R.L., IT
[85] 2016-02-02
[86] 2014-07-04 (PCT/EP2014/064388)
[87] (WO2015/001118)
[30] IT (BO2013A000351) 2013-07-05

[21] **2,920,387**
[13] A1

[51] **Int.Cl. A23J 3/14 (2006.01) A23J 3/00 (2006.01) A23J 3/22 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PRODUCING AN EXTRUDED PROTEIN PRODUCT**

[54] **SYSTEME ET PROCEDE DE PRODUCTION D'UN PRODUIT PROTEIQUE EXTRUDE**

[72] WALTHER, GOERAN, US
[72] VAN LENGERICH, BERNHARD H., US
[72] ROBIE, STEVEN C., US
[72] WEINSTEIN, JAMES N., US
[71] GENERAL MILLS, INC., US
[85] 2016-02-03
[86] 2014-07-31 (PCT/US2014/049137)
[87] (WO2015/020873)
[30] US (PCT/US2013/054145) 2013-08-08
[30] US (14/308,118) 2014-06-18

[21] **2,920,388**
[13] A1

[51] **Int.Cl. G08G 5/00 (2006.01) G01C 21/20 (2006.01)**

[25] EN

[54] **UNMANNED VEHICLE SEARCHES**

[54] **RECHERCHES DE VEHICULE SANS PILOTE**

[72] ARBEIT, AMY C., US
[72] LUM, CHRISTOPHER W., US
[71] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2016-02-02
[86] 2014-08-29 (PCT/US2014/053365)
[87] (WO2015/073103)
[30] US (61/872,340) 2013-08-30
[30] US (14/453,406) 2014-08-06

[21] **2,920,389**
[13] A1

[51] **Int.Cl. B01D 61/42 (2006.01) B82Y 30/00 (2011.01) C01D 3/14 (2006.01)**

[25] EN

[54] **PROCESS AND SYSTEM FOR PRODUCING SODIUM CHLORIDE BRINE**

[54] **PROCEDE ET SYSTEME DE PRODUCTION D'UNE SAUMURE DE CHLORURE DE SODIUM**

[72] RAMAN, AHILAN, AU
[71] RAMAN, AHILAN, AU
[85] 2016-02-04
[86] 2012-08-16 (PCT/AU2012/000965)
[87] (WO2013/023249)

[21] **2,920,390**
[13] A1

[51] **Int.Cl. B41J 2/04 (2006.01)**

[25] EN

[54] **MANIPULATION OF DROPLETS ON HYDROPHILIC OR VARIEGATED-HYDROPHILIC SURFACES**

[54] **MANIPULATION DE GOUTTELETTES SUR DES SURFACES HYDROPHILES OU HYDROPHILES PANACHEES**

[72] JAMSHIDI, ARASH, US
[72] LIN, YAN-YOU, US
[72] ARAVANIS, ALEX, US
[72] DELATTRE, CYRIL, FR
[72] RIVAL, ARNAUD, FR
[72] FOLEY, JENNIFER, US
[72] SABOUNCHI, POORYA, US
[72] KHURANA, TARUN, US
[72] BABAZADEH, MAJID, US
[72] AMINI, HAMED, US
[72] VENKATESAN, BALA MURALI, US
[72] BOWEN, M. SHANE, US
[72] BARNARD, STEVEN M., US
[72] ROBERT BACIGALUPO, MARIA CANDELARIA, US
[72] DEHLINGER, DIETRICH, US
[71] ILLUMINA, INC., US
[71] ADVANCED LIQUID LOGIC FRANCE SAS, FR
[85] 2016-02-02
[86] 2014-08-29 (PCT/US2014/053571)
[87] (WO2015/031849)
[30] US (61/872,154) 2013-08-30
[30] US (61/898,689) 2013-11-01
[30] US (61/911,616) 2013-12-04
[30] US (61/931,011) 2014-01-24

[21] **2,920,391**
[13] A1

[51] **Int.Cl. C07K 14/775 (2006.01) A61K 38/16 (2006.01) C07K 1/34 (2006.01) C07K 1/36 (2006.01)**

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[54] **CONTAMINANT REMOVAL METHOD**

[54] **PROCEDE D'ELIMINATION DE CONTAMINANTS**

[72] WARREN, GARY, US
[72] VUCICA, YVONNE, CH
[72] KEMPF, CHRISTOPH, CH
[72] STUCKI, MARTIN, CH
[71] CSL LIMITED, AU
[85] 2016-02-04
[86] 2014-08-08 (PCT/AU2014/000790)
[87] (WO2015/017888)
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[13] A1

[51] **Int.Cl. A47K 5/12 (2006.01)**
[25] EN
[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] BABIKIAN, DIKRAN, US
[72] MEKHITARIAN, RAFFI, US
[71] BOBRICK WASHROOM
EQUIPMENT, INC., US
[85] 2016-02-03
[86] 2014-08-05 (PCT/US2014/049821)
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[30] US (61/947,936) 2014-03-04

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[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01) A61B
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[25] EN
[54] **LEAD INTRODUCER FOR AN
IMPLANTABLE ELECTRICAL
STIMULATION SYSTEM**
[54] **INTRODUCTEUR DE
DERIVATION DESTINE A UN
SYSTEME DE STIMULATION
ELECTRIQUE IMPLANTABLE**
[72] BARKER, JOHN MICHAEL, US
[71] BOSTON SCIENTIFIC
NEUROMODULATION
CORPORATION, US
[85] 2016-02-02
[86] 2014-09-02 (PCT/US2014/053744)
[87] (WO2015/034841)
[30] US (61/874,718) 2013-09-06

[21] **2,920,396**
[13] A1

[51] **Int.Cl. F17C 5/06 (2006.01) F17C 5/00
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[25] EN
[54] **SYSTEM AND METHOD FOR
BALANCED REFUELLING OF A
PLURALITY OF COMPRESSED
GAS PRESSURE VESSELS**
[54] **SYSTEME ET PROCEDE POUR LE
RAVITAILLEMENT EQUILIBRE
EN COMBUSTIBLE D'UNE
PLURALITE DE RECIPIENTS A
PRESSION POUR GAZ
COMPRIME**
[72] FEKETE, DEREK SHANE, AU
[72] WHITEMAN, PAUL ANTHONY, AU
[71] MOSAIC TECHNOLOGY
DEVELOPMENT PTY LTD, AU
[85] 2016-02-04
[86] 2014-08-08 (PCT/AU2014/000792)
[87] (WO2015/017890)
[30] AU (2013902992) 2013-08-09

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[25] EN
[54] **DISPERSION FOR PRODUCING
ABRASION-RESISTANT
SURFACES**
[54] **DISPERSION SERVANT A
PRODUIRE DES SURFACES
RESISTANTES A L'ABRASION**
[72] DOHRING, DIETER, CH
[72] HARTL, OLIVER, AT
[71] KRONOPLUS TECHNICAL AG, CH
[85] 2016-02-03
[86] 2013-09-27 (PCT/EP2013/070184)
[87] (WO2015/043647)

[21] **2,920,400**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND
METHODS FOR DISPLAYING
DIGITAL CONTENT ON A
DISPLAY**
[54] **SYSTEMES, DISPOSITIFS ET
PROCEDES POUR AFFICHER DU
CONTENU NUMERIQUE SUR UN
DISPOSITIF D'AFFICHAGE**
[72] KERRISK, CHRISTOPHER, AU
[72] WATT, CRAIG, AU
[72] SINGH, AJMER, IN
[72] MATURA, AKHILESH, IN
[71] UNLOCKD MEDIA PTY. LTD., AU
[85] 2016-02-04
[86] 2014-08-07 (PCT/AU2014/000793)
[87] (WO2015/017891)
[30] AU (2013902962) 2013-08-07
[30] AU (2013101551) 2013-11-26

[21] **2,920,401**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **OPPORTUNISTIC
SUPPLEMENTAL DOWNLINK IN
UNLICENSED SPECTRUM**
[54] **LIAISON DESCENDANTE
SUPPLEMENTAIRE
OPPORTUNISTE DANS UN
SPECTRE NON AUTORISE**
[72] SADEK, AHMED KAMEL, US
[72] TOKGOZ, YELIZ, US
[72] YAVUZ, MEHMET, US
[72] KADOUS, TAMER ADEL, US
[72] FAN, MINGXI, US
[72] REDDY, AKULA ANEESH, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-02-02
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[87] (WO2015/035019)
[30] US (61/873,587) 2013-09-04
[30] US (62/013,391) 2014-06-17
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[25] EN

[54] **COMPOUNDS AND THEIR USE FOR PREPARATION OF TAU IMAGING AGENTS AND TAU IMAGING FORMULATIONS**

[54] **COMPOSES ET LEUR UTILISATION POUR PREPARER DES AGENTS D'IMAGERIE TAU ET DES FORMULATIONS D'IMAGERIE TAU**

[72] ATTARDO, GIORGIO, US

[72] LISTER-JAMES, JOHN, US

[72] LIM, NATHANIEL ANTHONY CO, US

[72] XIONG, HUI, US

[71] ELI LILLY AND COMPANY, US

[85] 2016-02-02

[86] 2014-09-19 (PCT/US2014/056503)

[87] (WO2015/047902)

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[21] **2,920,403**
[13] A1

[51] **Int.Cl. B29C 47/40 (2006.01)**

[25] EN

[54] **CONTINUOUS CELLULOID TWIN SCREW EXTRUSION PROCESS**

[54] **PROCEDE D'EXTRUSION DOUBLE VIS DE CELLULOID EN CONTINU**

[72] DUBOIS, CHARLES, CA

[72] COMTOIS, ETIENNE, CA

[71] GENERAL DYNAMICS ORDNANCE AND TACTICAL SYSTEMS - CANADA VALLEYFIELD INC., CA

[85] 2016-02-04

[86] 2014-08-08 (PCT/CA2014/050756)

[87] (WO2015/017940)

[30] US (61/864,331) 2013-08-09

[30] US (14/167,812) 2014-01-29

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[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) H04W 84/18 (2009.01) E21B 47/00 (2012.01)**

[25] EN

[54] **DOWNHOLE PROBE ASSEMBLY WITH BLUETOOTH DEVICE**

[54] **ENSEMBLE SONDE DE FOND AVEC DISPOSITIF BLUETOOTH**

[72] SWITZER, DAVID, CA

[72] LIU, JILI, CA

[72] DERKACZ, PATRICK R., CA

[72] LOGAN, AARON W., CA

[71] EVOLUTION ENGINEERING INC., CA

[85] 2016-02-04

[86] 2014-08-12 (PCT/CA2014/050768)

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[30] US (61/865,511) 2013-08-13

[21] **2,920,405**
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) H04W 4/00 (2009.01) G06Q 50/30 (2012.01) G01M 13/00 (2006.01) G01M 17/00 (2006.01) G01N 29/14 (2006.01) G06F 1/16 (2006.01) G01N 29/00 (2006.01) G06F 17/30 (2006.01)**

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[54] **DETECTION SYSTEM**

[54] **SYSTEME DE DETECTION**

[72] STEKETEE, BRIAN B., US

[72] RALEIGH, JESSE J., US

[72] PHILLIPS, ROBERT RYAN, US

[72] MCCONNELL, DONALD PAUL, US

[71] MODUSTRI LLC, US

[85] 2016-02-02

[86] 2014-08-29 (PCT/US2014/053321)

[87] (WO2015/031701)

[30] US (61/871,408) 2013-08-29

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[30] US (61/883,179) 2013-09-26

[30] US (61/890,280) 2013-10-13

[30] US (61/900,316) 2013-11-05

[30] US (61/954,371) 2014-03-17

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[13] A1

[51] **Int.Cl. G01L 1/25 (2006.01) A61B 5/103 (2006.01) A61B 5/117 (2016.01) G01B 17/00 (2006.01) G01H 11/08 (2006.01) G01L 25/00 (2006.01) G06F 3/043 (2006.01) G06K 9/00 (2006.01)**

[25] EN

[54] **ACTIVE ACOUSTIC PRESSURE MAPPING SYSTEM**

[54] **SYSTEME DE MISE EN CONCORDANCE DE PRESSION ACOUSTIQUE ACTIVE**

[72] MASSON, PATRICE, CA

[72] QUAEGBEUR, NICOLAS, CA

[72] OSTIGUY, PIERRE-CLAUDE, CA

[72] BEAUDET, NICOLAS, CA

[72] SARRET, PHILIPPE, CA

[71] SOCPRA SCIENCES ET GENIE S.E.C., CA

[85] 2016-02-03

[86] 2013-08-01 (PCT/CA2013/000688)

[87] (WO2014/019075)

[30] US (61/679,232) 2012-08-03

[21] **2,920,407**
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **PROMOTER SYSTEM AND METHOD FOR PROCESSING PRODUCT AND SERVICE DATA**

[54] **SYSTEME DE PROMOTEUR ET PROCEDE DE TRAITEMENT DE DONNEES DE PRODUIT ET DE SERVICE**

[72] REDWOOD, VERNON, CA

[71] REDWOOD, VERNON, CA

[85] 2016-02-03

[86] 2013-08-14 (PCT/CA2013/000722)

[87] (WO2014/026274)

[30] US (13/586,092) 2012-08-15

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[21] **2,920,409**
[13] A1

[51] **Int.Cl. C08J 3/22 (2006.01) B29B 7/30 (2006.01)**

[25] EN

[54] **CONTINUOUS METHOD FOR MANUFACTURING RUBBER MASTERBATCH AND RUBBER THEREBY**

[54] **PROCEDE DE FABRICATION CONTINUE DE MELANGE MAITRE DE CAOUTCHOUC ET MELANGE MAITRE DE CAOUTCHOUC PREPARE A PARTIR DE CELUI-CI**

[72] WANG, MENG-JIAO, US
[72] SONG, JIANJUN, CN
[72] DAI, DEYING, CN
[71] EVE RUBBER INSTITUTE CO., LTD., CN

[85] 2016-02-04
[86] 2014-07-22 (PCT/CN2014/082714)
[87] (WO2015/018281)
[30] CN (201310337560.1) 2013-08-05

[21] **2,920,410**
[13] A1

[51] **Int.Cl. C07F 9/6561 (2006.01) A61K 31/4535 (2006.01) A61K 31/675 (2006.01) A61P 7/02 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01) C07D 495/04 (2006.01)**

[25] EN

[54] **THIENOPIPERIDINE DERIVATIVE AND USE THEREOF**

[54] **DERIVE THIENOPIPERIDINE ET SON UTILISATION**

[72] WANG, GUOCHENG, CN
[72] ZHONG, JUN, CN
[71] JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD., CN

[85] 2016-02-04
[86] 2014-09-10 (PCT/CN2014/086191)
[87] (WO2015/039577)
[30] CN (201310428052.4) 2013-09-17

[21] **2,920,414**
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[25] EN

[54] **HOSE CLAMP**

[54] **COLLIER DE SERRAGE POUR TUYAU**

[72] SEELOS, ROBERT, CH
[71] OETIKER SCHWEIZ AG, CH

[85] 2016-02-04
[86] 2013-08-20 (PCT/EP2013/067312)
[87] (WO2015/024592)

[21] **2,920,420**
[13] A1

[51] **Int.Cl. A61K 38/04 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **INTRAARTICULAR APPLICATION OF PEPSTATIN IN THE CASE OF ARTHROSIS**

[54] **APPLICATION INTRA-ARTICULAIRE DE PEPSTATINE DANS L'ARTHROSE**

[72] KLEIN, MARKUS, DE
[72] WODOPIA, RALF, DE
[72] GUEHRING, HANS, DE
[72] LINDEMANN, SVEN, DE
[71] MERCK PATENT GMBH, DE

[85] 2016-02-04
[86] 2014-07-07 (PCT/EP2014/001861)
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[30] EP (13003923.3) 2013-08-06

[21] **2,920,425**
[13] A1

[51] **Int.Cl. F16J 15/34 (2006.01) C21D 1/09 (2006.01) C21D 1/40 (2006.01) C21D 9/40 (2006.01)**

[25] EN

[54] **SLIDE RINGS HAVING A LEDEBURITIC MICROSTRUCTURE AT THE SURFACE**

[54] **BAGUE COULISSANTE A STRUCTURE LEDEBURITIQUE EN SURFACE**

[72] BRADL, CHRISTOPH, DE
[72] MATZ, MARC-MANUEL, DE
[72] DENGLER, ANDREAS, DE
[72] KUMPFMULLER, ANDREAS, DE
[71] FEDERAL-MOGUL FRIEDBERG GMBH, DE

[85] 2016-02-04
[86] 2014-07-03 (PCT/EP2014/064135)
[87] (WO2015/043782)
[30] DE (102013219784.5) 2013-09-30

[21] **2,920,428**
[13] A1

[51] **Int.Cl. A01C 1/00 (2006.01) A01C 1/02 (2006.01) G01B 11/30 (2006.01) G01N 21/35 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ESTIMATING A SEED GERMINATION ABILITY**

[54] **PROCEDE ET APPAREIL POUR ESTIMER UNE CAPACITE DE GERMINATION DE SEMENCE**

[72] BARYCHEV, ANDREI
MIKHAILOVITCH, NL
[72] BELITSKAYA, ALENA
VLADIMIROVNA, NL
[72] KHUDCHENKO, ANDREY
VYACHESLAVOVICH, NL
[72] BALTISSSEN, ANTONIUS HENRICUS
MARIA CATHARINA, NL
[71] STICHTING SRON NETHERLANDS
INSTITUTE FOR SPACE
RESEARCH, NL

[85] 2016-02-03
[86] 2013-08-05 (PCT/NL2013/050579)
[87] (WO2015/020515)

[21] **2,920,429**
[13] A1

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

[25] EN

[54] **URINE BIOMARKER COHORTS, GENE EXPRESSION SIGNATURES, AND METHODS OF USE THEREOF**

[54] **COHORTES DE BIOMARQUEURS DE L'URINE, SIGNATURES D'EXPRESSION GENIQUE, ET PROCEDES D'UTILISATION CORRESPONDANTS**

[72] SKOG, JOHAN KARL OLOV, US
[72] NOERHOLM, MIKKEL, DE
[71] EXOSOME DIAGNOSTICS, INC., US

[85] 2016-02-03
[86] 2014-08-06 (PCT/US2014/049946)
[87] (WO2015/021158)
[30] US (61/862,630) 2013-08-06

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[51] **Int.Cl. A43B 7/14 (2006.01) A43B 7/32 (2006.01) A43B 13/40 (2006.01) A23F 5/14 (2006.01)**

[25] EN

[54] **WELT-FRAME CONSTRUCTION AND PROTECTION DEVICES FOR USE IN SHOES**

[54] **CONSTRUCTION DE CADRE DE TREPOINTE ET DISPOSITIFS DE PROTECTION POUR L'UTILISATION DANS DES CHAUSSURES**

[72] SPILLER, BERT APPLETON, US

[72] NORTON, DENIS W., US

[72] AMMON, STEPHEN D., US

[71] TBL LICENSING LLC, US

[22] 2012-10-10

[41] 2013-04-18

[62] 2,851,613

[30] US (61/545,317) 2011-10-10

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[21] **2,918,778**
[13] A1

[51] **Int.Cl. H04N 21/80 (2011.01) A63B 71/06 (2006.01) H04N 5/262 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR ANALYZING EVENT DATA**

[54] **SYSTEMES ET PROCEDES D'ANALYSE DE DONNEES D'EVENEMENT**

[72] DEANGELIS, DOUGLAS J., US

[72] SIGEL, KIRK M., US

[72] EVANSEN, EDWARD G., US

[71] ISOLYNX, LLC, US

[22] 2011-01-05

[41] 2011-07-14

[62] 2,784,907

[30] US (61/292,386) 2010-01-05

[21] **2,919,055**
[13] A1

[51] **Int.Cl. D21H 13/08 (2006.01) D21H 11/00 (2006.01) D21H 21/22 (2006.01)**

[25] EN

[54] **ABSORBENT SHEET HAVING REGENERATED CELLULOSE MICROFIBER NETWORK**

[54] **FEUILLE ABSORBANTE AYANT UN ENTRELACEMENT DE MICROFIBRES DE CELLULOSE REGENEEREE**

[72] SUMNICHT, DANIEL W., US

[72] KOKKO, BRUCE J., US

[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US

[22] 2007-03-20

[41] 2007-09-27

[62] 2,646,559

[30] US (60/784,228) 2006-03-21

[30] US (60/850,467) 2006-10-10

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[30] US (60/881,310) 2007-01-19

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[21] **2,919,153**
[13] A1

[51] **Int.Cl. C10M 133/40 (2006.01)**

[25] EN

[54] **COMPOSITION CONTAINING HETEROCYCLIC COMPOUNDS AND A METHOD OF LUBRICATING AN INTERNAL COMBUSTION ENGINE**

[54] **COMPOSITION CONTENANT DES COMPOSES HETEROCYCLIQUES ET PROCEDE DE LUBRIFICATION D'UN MOTEUR A COMBUSTION INTERNE**

[72] MOSIER, PATRICK E., US

[72] BROWN, JASON R., US

[72] GIESELMAN, MATTHEW D., US

[72] SCHROECK, CALVIN W., US

[72] CRAWLEY, SETH, US

[72] BARTON, WILLIAM, US

[72] WARD, WILLIAM C., US

[71] THE LUBRIZOL CORPORATION, US

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[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01) C12Q 1/70 (2006.01)**

[25] EN

[54] **METHODS FOR DETECTION AND TYPING OF NUCLEIC ACIDS**

[54] **METHODES DE DETECTION ET DE TYPAGE D'ACIDES NUCLEIQUES**

[72] MOSER, MICHAEL JAMES, US

[71] LUMINEX CORPORATION, US

[22] 2006-06-06

[41] 2006-12-14

[62] 2,610,863

[30] US (60/688,409) 2005-06-07

[21] **2,919,244**
[13] A1

[51] **Int.Cl. C04B 41/88 (2006.01) B23P 15/28 (2006.01) E21B 10/46 (2006.01)**

[25] EN

[54] **CASTING OF TUNGSTEN CARBIDE MATRIX BIT HEADS AND HEATING BIT HEAD PORTIONS WITH MICROWAVE RADIATION**

[54] **COULEE DE TETES DE TREPAN EN MATRICE DE CARBURE DE TUNGSTENE ET CHAUFFAGE DE PARTIES DE TETE DE TREPAN AVEC UN RAYONNEMENT DE MICRO-ONDES**

[72] GLASS, KEVIN L., US

[72] ASHBY, DURRELL M., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[22] 2008-01-18

[41] 2008-07-31

[62] 2,674,393

[30] US (60/885,511) 2007-01-18

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[21] **2,919,248**
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) C12N 5/07 (2010.01) C12N 5/078 (2010.01) C12N 5/0783 (2010.01) A61K 35/12 (2015.01) A61K 38/17 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 7/08 (2006.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12Q 1/02 (2006.01)**

[25] EN

[54] **PEPTIDE VACCINES FOR CANCERS EXPRESSING TUMOR-ASSOCIATED ANTIGENS**

[54] **VACCINS PEPTIDIQUES POUR LES CANCERS EXPRIMANT DES ANTIGENES ASSOCIES A UNE TUMEUR**

[72] TSUNODA, TAKUYA, JP
[72] OHSAWA, RYUJI, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
[22] 2008-02-21
[41] 2008-08-28
[62] 2,678,755
[30] US (60/902,949) 2007-02-21

[21] **2,919,344**
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 33/00 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **CHLORITE FORMULATIONS, AND METHODS OF PREPARATION AND USE THEREOF**

[54] **FORMULATIONS DE CHLORITE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**

[72] BOULANGER, WILLIAM, US
[72] AZHIR, ARASTEH ARI, US
[71] NEURALTUS PHARMACEUTICALS, INC., US
[22] 2006-12-21
[41] 2007-07-05
[62] 2,634,915
[30] US (60/753,497) 2005-12-22

[21] **2,919,447**
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **USING INVERSE OPERATORS FOR QUERIES ON ONLINE SOCIAL NETWORKS**

[54] **UTILISATION D'OPERATEURS INVERSES DESTINES A DES INTERROGATIONS SUR DES RESEAUX SOCIAUX EN LIGNE**

[72] RAINA, RAJAT, US
[72] HONG, KIHYUK, US
[72] SANKAR, SRIRAM, US
[72] VIROCHSIRI, KITTIPAT, US
[72] CURTISS, MICHAEL, US
[72] MISHRA, CHAITANYA, US
[71] FACEBOOK, INC., US
[22] 2014-04-30
[41] 2014-11-06
[62] 2,910,869
[30] US (13/887,068) 2013-05-03

[21] **2,919,514**
[13] A1

[51] **Int.Cl. E06B 9/322 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR A MODULAR, LOCKING HEADRAIL-RETENTION MECHANISM**

[54] **SYSTEME ET PROCEDE POUR UN MECANISME DE RETENUE DE RAIL SUPERIEUR VERROUILLABLE MODULAIRE**

[72] COTLAR, DANIEL H., US
[72] COKER, TULUHAN, ZZ
[72] COKER, BERK, TR
[71] GLOBAL CUSTOM COMMERCE INC., US
[22] 2013-09-25
[41] 2014-03-27
[62] 2,828,235
[30] US (13/629,140) 2012-09-27

[21] **2,919,631**
[13] A1

[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/28 (2006.01)**

[25] EN

[54] **PERSONAL HEMODIALYSIS SYSTEM**

[54] **SYSTEME D'HEMODYALYSE INDIVIDUEL**

[72] CHILDERS, ROBERT W., US
[72] KELLY, THOMAS D., US
[72] ROGER, RODOLFO, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE S.A., CH
[22] 2008-10-24
[41] 2009-04-30
[62] 2,703,463
[30] US (60/982,323) 2007-10-24
[30] US (12/257,014) 2008-10-23

[21] **2,919,641**
[13] A1

[51] **Int.Cl. A23L 7/178 (2016.01) A23L 7/174 (2016.01) A23L 7/196 (2016.01) A23L 11/00 (2016.01) A23P 30/32 (2016.01)**

[25] EN

[54] **QUICK-COOK GRAINS AND PULSES**

[54] **CEREALES ET LEGUMINEUSES A CUISSON RAPIDE**

[72] MOORE, GARY, US
[72] YACU, WALEED, US
[71] THE QUAKER OATS COMPANY, US
[22] 2011-11-23
[41] 2012-05-31
[62] 2,818,704
[30] US (61/416,468) 2010-11-23

[21] **2,919,737**
[13] A1

[51] **Int.Cl. H01B 3/44 (2006.01) C08K 5/375 (2006.01) C08L 23/02 (2006.01)**

[25] EN

[54] **TREE RESISTANT INSULATION COMPOSITIONS**

[54] **COMPOSITIONS ISOLANTES RESISTANT AUX ARBORESCENCES**

[72] EASTER, MARK R., US
[71] GENERAL CABLE TECHNOLOGIES CORP., US
[22] 2008-08-06
[41] 2009-02-12
[62] 2,695,603
[30] US (60/935,309) 2007-08-06
[30] US (61/018,625) 2008-01-02

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,919,774**
[13] A1

[51] **Int.Cl. B25G 1/08 (2006.01) B25B 13/48 (2006.01) B25H 3/00 (2006.01)**

[25] EN

[54] **TOOL HANDLE FOR HOLDING MULTIPLE TOOLS OF DIFFERENT SIZES DURING USE**

[54] **MANCHE D'OUTIL POUR RETENIR DE MULTIPLES OUTILS DE TAILLES DIFFERENTES EN COURS D'UTILISATION**

[72] JOHNSON, RONALD L., US
[72] GALLEGOS, ROBERT J., US
[72] ESCOBAR, STEVEN SIMAS, US
[72] HUDSON, ANDERS SCOT, US
[72] RUIZ, IDRIS MANSOURI-CHAFIK, US
[72] LOCKHART, YUGEN PATRICK, US
[72] WILSON, HOWARD ALLEN, US
[72] COLTON, ERIC M., US
[71] WAGIC, INC., US
[22] 2009-01-13
[41] 2009-07-23
[62] 2,712,048
[30] US (12/009,404) 2008-01-17

[21] **2,919,786**
[13] A1

[51] **Int.Cl. A61M 5/168 (2006.01) H04W 76/00 (2009.01) A61M 5/14 (2006.01) A61M 5/142 (2006.01) G08B 21/18 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **INFUSION PUMP ASSEMBLY**

[54] **SYSTEME DE POMPE A PERFUSION**

[72] KAMEN, DEAN, US
[72] KERWIN, JOHN MATTHEW, US
[72] MURPHY, COLIN HOLMES, US
[72] FICHERA, STEPHEN LEWIS, US
[72] GRAY, LARRY BRIAN, US
[72] GUAY, GERALD MICHAEL, US
[72] LANIGAN, RICHARD J., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[22] 2008-12-31
[41] 2009-07-16
[62] 2,711,244
[30] US (61/017,989) 2007-12-31
[30] US (61/018,002) 2007-12-31
[30] US (61/018,339) 2007-12-31
[30] US (61/018,042) 2007-12-31
[30] US (61/018,054) 2007-12-31
[30] US (61/023,645) 2008-01-25
[30] US (61/101,053) 2008-09-29
[30] US (61/101,105) 2008-09-29
[30] US (61/101,077) 2008-09-29
[30] US (61/101,115) 2008-09-29

[21] **2,919,825**
[13] A1

[51] **Int.Cl. E06B 9/68 (2006.01) A47G 5/02 (2006.01) A47H 5/14 (2006.01) E06B 9/40 (2006.01)**

[25] EN

[54] **HIGH EFFICIENCY ROLLER SHADE**

[54] **STORE A ENROULEMENT AUTOMATIQUE A HAUTE EFFICACITE**

[72] MULLET, WILLIS JAY, US
[72] BRUNK, DARRIN W., US
[72] WYSOCZYNSKI, CHRISTOPHER LEE, US
[72] ASBURY, HARRY EDWARD, US
[72] HAND, RICHARD SCOTT, US
[72] RODRIGUEZ, YAN, US
[72] BRUCKNER, BENJAMIN ANTHONY, US
[71] QMOTION INCORPORATED, US
[22] 2011-02-23
[41] 2011-09-01
[62] 2,790,725
[30] US (12/711,192) 2010-02-23

[21] **2,919,870**
[13] A1

[51] **Int.Cl. A46B 9/04 (2006.01)**

[25] EN

[54] **TOOTHBRUSH HAVING A CLOSED-LOOP ARRANGEMENT OF CLEANING ELEMENTS**

[54] **BROSSE A DENTS A AMENAGEMENT D'ELEMENTS DE NETTOYAGE EN BOUCLE FERMEE**

[72] JIMENEZ, EDUARDO, US
[72] ROONEY, MICHAEL, US
[72] MOSKOVICH, ROBERT, US
[72] STORZ, JOACHIM, US
[72] KLAUSEGGER, RAIMUND, US
[71] COLGATE-PALMOLIVE COMPANY, US
[22] 2009-12-18
[41] 2011-07-14
[62] 2,781,695

[21] **2,919,919**
[13] A1

[51] **Int.Cl. A23L 2/56 (2006.01) A23L 27/00 (2016.01) A23F 5/40 (2006.01) A23F 5/46 (2006.01) A23L 2/38 (2006.01) A23L 2/52 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING BEVERAGE COMPOSITIONS HAVING IMPROVED AROMA RELEASE CHARACTERISTICS AND COMPOSITIONS FOR USE THEREIN**

[54] **PROCEDE DE PREPARATION DE COMPOSITIONS DE BOISSONS POSSEDANT DES CARACTERISTIQUES AROMATIQUES AMELIOREES ET COMPOSITIONS DESTINEES A ETRE UTILISEES DANS CE PROCEDE**

[72] ZELLER, BARY LYN, US
[72] LUDWIG, CATHY JEAN, US
[72] PREININGER, MARTIN, US
[72] OXFORD, PHILIP JAMES, US
[72] MENDEL, NADINE, US
[72] MASSEY, AYSE TULAY, US
[72] WINDSOR, NICOLE LEE, US
[72] GAONKAR, ANILKUMAR GANAPATI, US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[22] 2007-12-18
[41] 2008-07-10
[62] 2,665,703
[30] US (60/882,743) 2006-12-29
[30] US (11/955,778) 2007-12-13

[21] **2,919,923**
[13] A1

[51] **Int.Cl. B60C 27/10 (2006.01)**

[25] EN

[54] **SELF-TIGHTENING SNOW CHAIN AND METHODS OF USE**

[54] **CHAINES ANTI-DERAPANTES A SERRAGE AUTOMATIQUE ET PROCEDES D'UTILISATION**

[72] STENER, LESTER, US
[72] MCCAULEY, JOHN J., US
[71] PEERLESS CHAIN COMPANY, US
[22] 2007-02-02
[41] 2007-08-16
[62] 2,645,483
[30] US (60/765,346) 2006-02-02

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[21] **2,919,941**
[13] A1

[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/24 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
[22] 2014-02-24
[41] 2014-09-04
[62] 2,899,653
[30] US (13/779370) 2013-02-27
[30] US (13/779404) 2013-02-27
[30] US (13/779405) 2013-02-27
[30] US (13/779533) 2013-02-27

[21] **2,920,038**
[13] A1

[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/364 (2014.01)**
[25] EN
[54] **IMPROVEMENTS IN SECURITY DEVICES**
[54] **AMELIORATIONS APPORTAES A DES DISPOSITIFS DE SECURITE**
[72] LISTER, ADAM, GB
[72] COMMANDER, LAWRENCE, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
[22] 2008-10-31
[41] 2009-05-28
[62] 2,705,278
[30] GB (0722687.1) 2007-11-19

[21] **2,920,090**
[13] A1

[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/14 (2014.01) H04N 19/52 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO BY CONSIDERING SKIP AND SPLIT ORDER**
[54] **PROCEDE ET APPAREIL POUR ENCODER UNE VIDEO ET PROCEDE ET APPAREIL POUR DECODER UNE VIDEO EN CONSIDERANT UN ORDRE DE SAUT ET DE PARTAGE**
[72] KIM, IL-KOO, KR
[72] MIN, JUNG-HYE, KR
[72] JUNG, HAE-KYUNG, KR
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-01-13
[41] 2011-07-21
[62] 2,786,989
[30] KR (10-2010-0003555) 2010-01-14

[21] **2,920,096**
[13] A1

[51] **Int.Cl. F42B 5/03 (2006.01) F41A 9/38 (2006.01) F42B 5/067 (2006.01) F42B 14/00 (2006.01)**
[25] EN
[54] **PROJECTILE FOR A STACKED PROJECTILE WEAPON**
[54] **PROJECTILE POUR ARME A PROJECTILES EMPILES**
[72] CRONIN, JOSEPH FRANCIS KEVIN, AU
[72] O'DWYER, SEAN PATRICK, AU
[72] THOMPSON, ROGER HENRY, AU
[71] METAL STORM LIMITED, AU
[22] 2007-01-17
[41] 2007-07-26
[62] 2,637,397
[30] AU (2006900223) 2006-01-17

[21] **2,920,159**
[13] A1

[51] **Int.Cl. H04M 3/42 (2006.01) H04H 60/94 (2009.01) H04M 1/663 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING TELEPHONIC ACCESS TO AN AUDIO STREAM**
[54] **SYSTEME ET PROCEDE D'ACCES TELEPHONIQUE A UN FLUX AUDIO**
[72] SOULUER, FARID, US
[71] SELECTIVE BROADCASTING CORPORATION, US
[22] 2008-02-11
[41] 2008-08-21
[62] 2,714,079
[30] US (60/900,559) 2007-02-09
[30] US (60/925,797) 2007-04-23

[21] **2,920,175**
[13] A1

[51] **Int.Cl. A01D 43/16 (2006.01)**
[25] EN
[54] **LAWN CARE MAINTENANCE APPARATUS**
[54] **APPAREIL D'ENTRETIEN DE PELOUSE**
[72] FRANCIS, THOMAS J., US
[71] FRANCIS, THOMAS J., US
[22] 2013-02-26
[41] 2013-05-01
[62] 2,867,199
[30] US (13/763,071) 2013-02-08

[21] **2,920,176**
[13] A1

[51] **Int.Cl. H04J 13/12 (2011.01) H04W 80/02 (2009.01) H04B 7/02 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ORTHOGONAL COVER CODE (OCC) GENERATION, AND APPARATUS AND METHOD FOR OCC MAPPING**
[54] **APPAREIL ET PROCEDE DE GENERATION DE CODE DE COUVERTURE ORTHOGONAL (OCC), ET APPAREIL ET PROCEDE DE MAPPAGE D'OCC**
[72] WANG, YI, CN
[72] ZHOU, HUA, CN
[72] WU, JIANMING, CN
[71] FUJITSU LIMITED, JP
[22] 2010-04-02
[41] 2011-10-06
[62] 2,794,717

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,920,179**

[13] A1

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

[25] EN

[54] **MANAGING COMMUNICATIONS
BETWEEN COMPUTING NODES**

[54] **GESTION DE COMMUNICATIONS
ENTRE DES NOEUDS
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[72] HOOLE, QUINTON R., US

[72] PINKHAM, CHRISTOPHER C., US

[72] PATERSON-JONES, ROLAND, US

[72] VAN BILJON, WILLEM R., US

[71] AMAZON TECHNOLOGIES, INC.,
US

[22] 2007-03-29

[41] 2007-11-08

[62] 2,646,157

[30] US (11/394,595) 2006-03-31

[21] **2,920,210**

[13] A1

[51] **Int.Cl. B63C 3/00 (2006.01) B63C 3/06
(2006.01)**

[25] EN

[54] **SMALL WATERCRAFT
BOATLIFT**

[54] **LEVE-BATEAU POUR PETITE
EMBARCATION**

[72] IMEL, DUSTIN, US

[72] STURTEVANT, DAVID J., US

[71] E-Z-DOCK, INC., US

[22] 2009-09-10

[41] 2010-03-16

[62] 2,678,957

[30] US (61/192,142) 2008-09-16

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HACKER, MARTIN	2,599,844	HETHCOCK, JAMES D., JR.	2,826,997	IDO JUN	2,821,697
HACKL, MANFRED	2,719,479	HEXAGON TECHNOLOGY CENTER GMBH	2,760,377	IEP GMBH	2,671,319
HADANO, HIROYUKI	2,611,178	HICKEY, RYAN JEFFERY	2,784,537	IFP ENERGIES NOUVELLES	2,829,539
HAEUSER-HAHN, ISOLDE	2,611,178	HICKMAN, DAVID T.	2,533,540	IKEGAMI, SHUJI	2,714,721
HALDOR TOPSOE A/S	2,776,329	HILDBRAND, STEFAN	2,709,032	ILLINOIS TOOL WORKS INC.	2,821,929
HALDOR TOPSOE A/S	2,648,840	HILL PHOENIX, INC.	2,667,113	IMAX EMEA LIMITED	2,795,392
HALLIBURTON ENERGY SERVICES, INC.	2,798,947	HILL, AARON L.	2,848,763	IMPERIAL OIL RESOURCES LIMITED	2,832,931
HALLIBURTON ENERGY SERVICES, INC.	2,817,724	HILL, DONALD G.	2,667,950	INCHRON GMBH	2,656,673
HALLIBURTON ENERGY SERVICES, INC.	2,831,802	HILLER, GREGORY WALTER	2,685,552	INGRAM, J. ERIC	2,695,534
HALLIBURTON ENERGY SERVICES, INC.	2,833,725	HINDERLING, JUERG	2,781,237	INOUE, HIDEKI	2,834,489
HALLMAN, DAVID	2,613,472	HIRASAWA KAZUAKI	2,740,967	INSTITUT PASTEUR (PARIS, FRANCE)	2,663,755
HALM, ALEXANDER	2,841,642	HIRIYUR, BADRI	2,616,474	INSTITUT PASTEUR KOREA	2,663,755
HAMAJI, YOSHINORI	2,652,689	HJAELM, GOERAN	2,635,660	INTERCONTINENTAL GREAT BRANDS LLC	2,662,885
HAMILTON, ERIN KIMBERLEE	2,842,989	HO, THANH	2,695,375	INTERNATIONAL PAPER	2,710,837
HAMILTON, RONALD HILLIS	2,842,989	HOFFMANN, DIETER	2,811,141	INTERNATIONAL PAPER CO.	2,672,265
HAN, SEUNG HEE	2,786,987	HOFMANN, GREGORY J.	2,647,534	INTEVEP S.A.	2,674,963
HANN, THOMAS CHARLES	2,678,818	HOLDEN AMERICA IL, LLC	2,790,665	IOGEN ENERGY CORPORATION	2,732,084
HANSEN, ANDREW S.	2,739,657	HOLLAENDER, VERA	2,696,528	IONESCU, ARNA DIANA	2,824,376
HAPSARI, WURI ANDARMAWANTI	2,710,572	HOLLAND, SACHA	2,710,230	IPS GROUP INC.	2,631,699
HARADA, KAZUMASA	2,806,705	HOLZHAUER, THOMAS	2,827,162	IRBE, LINDA	2,844,471
HARATI, MOHAMMAD	2,773,709	HONDA MOTOR CO., LTD.	2,778,109	IRIE, KENTARO	2,819,220
HARAZIN, RICHARD R.	2,591,289	HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC	2,813,603	ISABEL, ELISE	2,706,746
HARBERT, EMILY G.	2,836,127	HONEYWELL INTERNATIONAL INC.	2,620,324	ISHIBASHI, YUTAKA	2,734,374
HARDER, DAVID B.	2,704,233	HONG, JIAWEI	2,747,239	ISHIDA, TOMOKAZU	2,739,573
HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH	2,783,382	HONKANEN, JUHA	2,711,074	ISHIHARA SANGYO KAISHA, LTD.	2,719,503
HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED	2,737,986	HOOKER, JOHN D., II	2,833,845	ISHIHARA SANGYO KAISHA, LTD.	2,734,374
HARSE, JAMES H.	2,808,329	HORNBERGER, WILFRIED	2,707,667	ISHII, MINAMI	2,710,572
HART, GREGORY RICHARD	2,867,839	HOSEN, NAOKI	2,757,941	ISMAIL, LABEEB K.	2,751,706
HARTMANN, ANDREAS	2,693,559	HOTELLING, STEVEN P.	2,744,952	ISSARI, BAHARAM	2,768,025
HAWTHORN, COLIN	2,817,724	HOUSSIAN, TERRY D.	2,789,990	ITALMATCH CHEMICALS SPA	2,711,740
HE, MENG	2,745,764	HOWE, BLAIR (DECEASED)	2,805,598	ITOI, TAKASHI	2,815,241
HEALY, DAYLAN	2,896,737	HU, DAN	2,780,505	ITOU, HIROYUKI	2,714,721
HEARTFLOW, INC.	2,867,839	HUANG, HAO	2,646,041	ITRON, INC.	2,716,048
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				IWASA, MITSUGU	2,719,503
				IXBLUE	2,652,566
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JACOPS, LUC	2,707,713	KAMINSKA, BOZENA	2,883,266	KOKUYO CO., LTD.	2,683,319
JAIN, AVINASH	2,711,787	KAMIYA, KAZUNORI	2,819,220	KOMATSU LTD.	2,815,241
JAKOBSEN, JAKOB SPROGEOE	2,680,256	KAMPHUIS, BERT-JAN	2,737,072	KONDASKAR, ATUL	2,680,625
JANG, TAEKSU	2,867,114	KANG, SEUNG H.	2,808,570	KONDO SATOSHI	2,764,589
JANOFF, ANDREW	2,628,015	KANG, SEUNG, H.	2,720,058	KONE CORPORATION	2,711,074
JANZEN, THOMAS	2,767,262	KANO, HIROSHI	2,714,721	KONO RYUICHIRO	2,821,697
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JOHNSEN, ANDREW O.	2,536,837	KHAIRNAR, VINAYAK		KROMMINGA, GAYLEN JAMES	2,685,789
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JOHNSON & JOHNSON VISION CARE, INC.	2,784,323	KHAMIS, CHAOUKI	2,842,209	KUMAGAI, TAKASHI	2,803,049
JOHNSON & JOHNSON VISION CARE, INC.	2,784,324	KIM, BYOUNG HOON	2,792,762	KUMAR, ANIL	2,745,764
JOHNSON & JOHNSON VISION CARE, INC.	2,812,205	KIM, DOHOON	2,867,114	KUMHO ELECTRIC, INC.	2,807,773
JOHNSON, DWIGHT N.	2,800,988	KIM, HAK SEONG	2,792,762	KURAHASHI, KAZUTOSHI	2,803,049
JOHNSON, NEIL W.	2,741,760	KIM, HONG KYEOM	2,780,837	KURODA, MASARU	2,869,625
JOKANOLA, OLUFEMI AKANDE	2,741,791	KIM, HYUN-SOOK	2,757,357	KYLE, DONALD	2,883,365
JONES, PHILIP	2,647,545	KIM, JISU	2,720,058	KYLE, DONALD	2,883,371
JONVILLE, CHRISTIAN	2,686,237	KIM, LAE-YOUNG	2,757,357	KYORIN PHARMACEUTICAL CO., LTD.	2,722,733
JORDAN, MICHAEL PERRY	2,725,266	KIM, NAM DOO	2,820,550	L'EQUIPE FABCONCEPT INC.	2,693,511
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JOUCLA, SEBASTIEN	2,702,277	KIM, WOOSIK	2,867,114	LAITRAM, L.L.C.	2,714,188
JOY, ERIC	2,735,118	KING, DAVID WILLIAM	2,631,699	LAKE, KIRK WALLACE	2,832,737
JUBIN, PHILIPPE F.	2,812,205	KINTZINGER, PETER H.	2,823,185	LAMBETH, ANDREW	2,887,427
JUNG, SEONG-OOK	2,720,058	KINTZINGER, PETER H.	2,823,197	LANCER CORPORATION	2,817,445
JUNG, WON SIK	2,780,837	KINUGASA, DAISUKE	2,819,220	LANDMARK GRAPHICS CORPORATION	2,809,968
JUNGNICKEL, UWE	2,670,685	KISENWETHER, MICHAEL J.	2,726,760	LANDT, ANDREAS	2,859,461
JURS, MICHAEL	2,869,811	KISSEI PHARMACEUTICAL CO., LTD.	2,709,530	LANGEWIESCHE, FRANK	2,852,286
JX NIPPON OIL & ENERGY CORPORATION	2,740,967	KITAYAMA, KENICHI	2,778,109	LANIGAN, BRENDAN P.	2,808,329
KABUSHIKI KAISHA TOSHIBA	2,813,526	KLAUS, STEPHEN J.	2,468,083	LANNFELT, LARS	2,570,130
KAI, KEIJI	2,683,319	KLEEFISCH, MARK	2,817,724	LANXESS DEUTSCHLAND GMBH	2,656,480
KALAYOGLU, MURAT V.	2,907,721	KLEIN, DAVID E.	2,794,612	LARSEN, ANDREAS BORRE	2,744,936
		KLOPPING, FRED J.	2,897,319	LARSEN, TODD W.	2,690,099
		KNIGHT, BYRON J.	2,842,402	LASH, TIMOTHY	2,702,948
		KNOBLOCH, DEAN ALAN	2,685,789	LAU, LEO W. M.	2,773,709
		KNOLL, JONATHAN A.	2,823,185		
		KNOLL, JONATHAN A.	2,823,197		
		KNOOP, FRANK	2,719,349		
		KNOWLES, LISA O.	2,695,994		
		KNOWLES, NORMAN R.	2,695,994		
		KO, MOOSUNG	2,867,114		

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LEE, CHANGSIK	2,867,114	LOVE, DAVID ANTHONY	2,773,709	MAYFAIR	
LEE, CHING-PANG	2,710,115	LOWENTHAL, STEVEN S.	2,731,690	VERMOGENSVERWALTU	
LEE, DONG GUK	2,850,481	LTN SERVOTECHNIK GMBH	2,759,587	NGS SE	2,876,942
LEE, JIN HEUK	2,780,837	LU, ALBERT	2,804,953	MAZZOUJI, FARID	2,694,073
LEE, MOON IL	2,786,987	LUAN, YEN-TUNG	2,685,552	MC-MONITORING S.A.	2,628,184
LEE, SI MOO	2,780,837	LUBISCH, WILFRIED	2,707,667	MCCOLLUM, GREGORY J.	2,817,107
LEE, WEI-YUEH	2,826,997	LUBRIZOL ADVANCED		MCCOLPIN, GLENN R.	2,809,968
LEE, YOFAY KARI	2,895,892	MATERIALS, INC.	2,703,882	MCCORT, GARY	2,712,854
LEEMANN, JUERG	2,705,446	LUI, NORBERT	2,717,805	MCCOY, CHARLES	2,727,787
LEGO A/S	2,680,256	LUSTER-TEASLEY,		MCCULLOUGH, JOHN R.	2,826,997
LEGRAND, JACK	2,684,914	STEPHANIE	2,703,051	MCCUTCHEN, BILLY F.	2,804,953
LEICA GEOSYSTEMS AG	2,781,237	MA, ENJIE	2,834,292	MCDONALD, ROBBI L.	2,853,324
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HOSPITAL LEIDEN (AZL)	2,666,346	MACKLER, JOSH	2,813,310	MCGUIRE, JOSEPH	2,745,000
LEMBCKE, JEFFREY	2,661,941	MACNEIL IP LLC	2,776,094	MCKAY, RYAN P.	2,808,214
LEMMENS, WILLY HENRI	2,709,867	MACON, NATALIE	2,702,948	MCNULTY, GREGORY SCOTT	2,710,115
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LENNOX, JONATHAN	2,674,710	MAECKE, HELMUT	2,717,427	MEDPACTO INC.	2,820,550
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LEROUX, BERNARD MARC	2,611,178	MAHER, RUTH	2,749,828	MELLINGER, MARK	2,741,760
LEVANDOSKI, MICHAEL P.	2,768,025	MAHON, MARGARET	2,709,223	MELLO, CRAIG C.	2,311,999
LG ELECTRONICS INC.	2,757,357	MAIER, HANS-OTTO	2,786,302	MELLON, CHRISTOPHE	2,706,746
LG ELECTRONICS INC.	2,786,987	MALDONADO, JUAN	2,807,056	MENEZES, EDGAR V.	2,784,323
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TAXIER, KAREN MICHELLE	2,731,739	JOSEPH	2,671,390	VENDROW, VLAD	2,699,342
TAYLOR, SCOTT V.	2,805,598	TSCHENTSCHER, ANKE	2,671,319	VENTANA MEDICAL	
TEAGUE, PHIL	2,793,342	TSUBOKURA AKIRA	2,740,967	SYSTEMS, INC.	2,842,661
TECHNI AS	2,744,936	TSUI, DAVID	2,646,041	VERBEKE, HANS GODELIEVE	
TECHNOLOGIES HOLDINGS		TSURU, EIJI	2,709,530	GUIDO	2,764,268
CORP.	2,882,516	TUCKER, LARRY THEODORE	2,803,594	VERBIEST, EDWIN	2,707,713
TECHNOLOGY		TUCKER, W. RANDALL	2,571,194	VERMA, SANDEEP	2,753,410
INTERNATIONAL, INC.	2,713,976	TUTTEROW, D. CRAIG	2,661,843	VEROSKY, CHRISTOPHER	2,768,025
TEIJIN PHARMA LIMITED	2,722,733	TYRX, INC.	2,686,214	VERRIER, SOPHIE	2,721,900
TELEFONAKTIEBOLAGET LM		UEDA, TAKAHIRO	2,815,241	VERSECK, STEFAN	2,557,476
ERICSSON (PUBL)	2,627,563	UEMURA, KATSUNARI	2,754,057	VETOSHKIN, NIKOLAI	
TELES, JOAQUIM HENRIQUE	2,720,403	UMICORE	2,737,072	IVANOVICH	2,792,300
TENOVA S.P.A.	2,719,334	UNDERWOOD, LANCE D.	2,808,214	VIDYO, INC.	2,674,710
TESCOM CORPORATION	2,690,099	UNGER, LILIANE	2,707,667	VIJAYENDRAN, BHIMA RAO	2,748,614
THALES	2,691,118	UNILEVER PLC	2,696,420	VIJAYKRISHNAN, LALITHA	2,680,625
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THE BOEING COMPANY	2,634,947	METROPOLITANA	2,760,017	VINTON, MARK STUART	2,610,430
THE BOEING COMPANY	2,657,527	UNIVERSITAET BERN	2,717,427	VIRSIK, PETER A.	2,806,444
THE BOEING COMPANY	2,813,310	UNIVERSITAETSSPITAL		VISURAY TECHNOLOGY LTD	2,793,342
THE BOEING COMPANY	2,828,048	BASEL	2,717,427	VKR HOLDING A/S	2,849,332
THE BOEING COMPANY	2,835,956	UNIVERSITE BORDEAUX 1	2,702,277	VMWARE, INC.	2,887,427
THE CARNEGIE INSTITUTION		UNIVERSITE DE NANTES	2,684,914	VOGLER, KLAUS	2,848,547
OF WASHINGTON	2,311,999	UNIVERSITY COLLEGE		VONEND, MICHAEL	2,700,131
THE COLMAN GROUP, INC.	2,576,416	DUBLIN, NATIONAL		VUILLEROD, GERARD	2,729,784
THE DOSHISHA	2,831,273	UNIVERSITY OF		W & H DENTALWERK	
THE GSI GROUP, LLC	2,853,463	IRELAND, DUBLIN	2,749,828	BURMOOS GMBH	2,802,474
THE PROCTER & GAMBLE		UNIVERSITY OF KANSAS	2,680,301	WACHENDORFF-NEUMANN,	
COMPANY	2,761,429	UNIVERSITY OF MAINE		ULRIKE	2,611,178
THE PROCTER & GAMBLE		SYSTEM BOARD OF		WADIA, ASPI RUSTOM	2,710,115
COMPANY	2,832,737	TRUSTEES	2,672,265	WAGGONER, MICHAEL A.	2,733,319
THE REGENTS OF THE		UNIVERSITY OF MAINE		WAGNER, BEATE	2,802,474
UNIVERSITY OF		SYSTEM BOARD OF		WAGNER, LORI L.	2,620,324
CALIFORNIA	2,594,470	TRUSTEES	2,710,837	WAGNER, MICHAEL	2,705,446
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THE UNIVERSITY OF		UOP LLC	2,836,127	WALLACE, TIMOTHY	
MASSACHUSETTS	2,311,999	UOP, LLC	2,862,613	HAROLD	2,803,594
THIELEN, C. JOSEPH	2,818,258	VALDES COLINA, JUSTO		WALLS, FRANK ROBERT, JR.	2,645,215
THIERAUF, AXEL	2,689,211	MANUEL	2,841,709	WALSH, JAMES	2,576,416
THOMAS & BETTS		VALDINOX, S.L.	2,841,709	WALSH, MARTIN	2,763,160
INTERNATIONAL, INC.	2,816,751	VALJUS, PETTERI	2,711,074	WALTER, JAMES	2,645,215
THOMPSON, STEPHEN	2,709,944	VALLAPUZHA,		WANG, LONGJI	2,641,235
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JAMES	2,741,181	VALLE, VITTORIO RENATO	2,733,234	WANG, QINWEI	2,672,893
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		ZHU, XIAOCHUN	2,808,570		
		ZHUHAI ORTUS BIOTECHNOLOGY CO., LTD.	2,817,405		
		ZIEGLER, MARKUS	2,844,156		
		ZIENER, TRACEY DIANNE	2,729,112		
		ZIMMERMAN, JEFFREY	2,842,209		
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AIRBUS OPERATIONS		CNH INDUSTRIAL AMERICA		FANSHER, FRAN	2,859,187
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AL-SABAWI, MUSTAFA	2,914,565	CNH INDUSTRIAL AMERICA		FIRMANIUK, DARRYL	2,858,953
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AMEND, VICTOR	2,858,887	COGNET, SIMON	2,899,640	FUJIWARA, SEIJI	2,899,581
AMESBURY GROUP, INC.	2,900,210	CONDELLO, ANTHONY S.	2,899,899	FUKUNAGA, ATSUSHI	2,893,978
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KAMEDA, TSUNEJI	2,899,581	NAYAR, MANISH	2,887,467	SCARCELLA, PAOLO	2,899,618
KARNS, RYAN O.	2,859,260	NG, CASEY Y. K.	2,897,387	SCHAFFER, ALEXANDER	2,859,192
KAWAJIRI, YUKO	2,899,581	NICHIHA CORPORATION	2,884,612	SCHEFFEL, ANDREAS	2,900,191
KHANNA, NITIN	2,899,803	NICHIHA CORPORATION	2,884,614	SCHOETTLE, JOSHUA PAUL	2,899,844
KNAPP, RYAN W.	2,897,863	NICHOLS, THOMAS A.	2,898,399	SCHROEDER, STEFAN	2,898,936
KOCHSIEK, RY	2,860,135	NICHOLS, THOMAS A.	2,898,404	SCHULTZ, DOUGLAS	2,894,358
KOCHSIEK, WESTON	2,860,135	OBAIA, KHALED	2,914,893	SCIABOLA, SIMONE	2,899,888
KOHLER, DALE W.	2,899,304	ODUMODU, EDWARD	2,917,027	SEASER, JAMES GERARD	2,900,210
KOMAI, MASAFUMI	2,899,581	OPACMARE S.R.L.	2,899,618	SEITZ, NICHOLAS ROBERT	2,858,615
KORJAHN, CHRISTOPH MATTHIAS	2,898,738	OTSUKI, YASUNORI	2,893,978	SENVION GMBH	2,898,738
KRAUSE, MICHAEL T.	2,899,751	PALLISTER, GUY	2,900,072	SENVION GMBH	2,899,782
KUIPER, ERIC J.	2,900,101	PAPPLE, MICHAEL	2,897,377	SHINYDOCS CORPORATION	2,896,080
LARIN, DOMINIC	2,858,872	PAQUETTE, ADAM D.	2,899,304	SHROYER, TRENT BRIAN	2,858,615
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LED SELF GENERATING STATION (SGS) SOLUTIONS INC.	2,858,564	PATNOE, MICHAEL	2,897,253	SIHLIS, LENNARD	2,858,953
LEFOUILI, MEHDI	2,899,640	PFIZER INC.	2,899,888	SILICON HOLDING B.V.	2,900,025
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LOOZE, MARIE CLAIRE	2,900,788	PRATT & WHITNEY CANADA CORP.	2,897,588	SMITH OPTICS, INC.	2,890,882
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		PRATT & WHITNEY CANADA CORP.	2,900,173	SOLA, MATTHIEU	2,870,242
				SPORT MASKA INC.	2,870,242
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AGAPIOU, KYRIACOS	2,920,183	ANDROID INDUSTRIES LLC	2,920,111	BARAKCHI FARD, MOHAMMAD JAVAD	2,920,046
AGFA GRAPHICS NV	2,920,006	ANSCHUTZ, DONALD ALLEN	2,920,249	BARBULESCU, SORIN ADRIAN	2,920,292
AGFA GRAPHICS NV	2,920,044	ANSORREGUI LOBETE, DANIEL	2,919,830	BARCKHOLTZ, TIMOTHY ANDREW	2,920,288
AGRAWAL, SATISH	2,919,695	ANTELOPE TOOLS & MFG., CO., LLC	2,920,198	BARKER, JOHN MICHAEL	2,920,394
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AHLSTROM CORPORATION	2,920,076	ARBEIT, AMY C.	2,920,388	BARROS-AGUIRRE, DAVID	2,919,888
AIGNER, PETER HUBERTUS	2,920,285	ARCHIMEJ TECHNOLOGY	2,920,072	BARVE, ABHIJIT	2,920,368
AIR PRODUCTS AND CHEMICALS, INC.	2,919,854	AREVA GMBH	2,920,314	BARYCHEV, ANDREI MIKHAILOVITCH	2,920,428
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AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,920,342	ARFELE, ROBERT W.	2,920,155	BEAR ARCHERY, INC.	2,919,873
ALAM, MD MONSUR	2,919,874	ARGYROS, AARON	2,920,114	BEAUDET, NICOLAS	2,920,406
ALAMEH, KAMAL	2,920,057	ARISTECH SURFACES LLC	2,920,194	BEAVER, JONATHAN	2,919,719
ALCYONE LIFESCIENCES, INC.	2,920,014	ARMSTRONG, SCOTT A.	2,920,252	BECKETT, MARTIN GREGORY	2,919,165
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ALFF, PETER JOSEPH	2,920,016	ARSENAL MEDICAL, INC.	2,919,868	BEGLEY, C., GLENN	2,920,045
ALFING KESSLER SONDERMASCHINEN GMBH	2,919,700	ARVINTE, ROMEO	2,919,879	BEHMKE, MICHAEL	2,920,077
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BENDIX COMMERCIAL VEHICLE SYSTEMS LLC	2,920,255	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2,920,394	CANOY, MICHAEL-DAVID NAKAYOSHI	2,919,718
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BLACKBERRY LIMITED	2,920,144	BREWER, BRENDAN J.	2,920,036	CHAKRAVARTI, SHRIKAR	2,920,197
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CLARUS TECHNOLOGIES PTY LTD	2,920,306	CVDEVICES, LLC	2,919,981	DOBMANN, GERD	2,920,314
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COHEN, ERIC	2,920,308	DAI, BO	2,919,899	DOREL, ALAIN P.	2,919,826
COHEN, JUSTUS	2,918,535	DAI, DEYING	2,920,409	DORSCH, DIETER	2,919,905
COMI, MARCO	2,919,902	DAI, MINGJIE	2,919,833	DOUCET, SERGE	2,920,027
COMMONWEATH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,920,310	DALANA3, S.L.	2,920,073	DOUMITH, MICHEL	2,920,145
COMPAGNIE MEDITERRANEENNE DES CAFES	2,919,944	DALEY, JUSTIN ANTHONY	2,919,872	DOWNEY, ADAM	2,920,222
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KAMOSHIDA, SHINICHI	2,919,809	KONINKLIJKE DOUWE		LEHR, OTTMAR	2,920,161
KANDA, HIROYUKI	2,920,122	EGBERTS B.V.	2,919,840	LEITER, THOMAS	2,920,129
KANNO, RYOICHI	2,920,289	KOUMANOUDIS, NICOLAOS	2,918,577	LEMONIS, SISSIMOS	2,920,382
KAPOOR, MAMTA	2,920,100	KOWA COMPANY, LTD.	2,919,817	LEMONT, FLORENT	2,920,069
KARBASSI, BEHJATOLAH	2,919,835	KRAUSE, HENRIK	2,920,060	LENN, JON	2,919,979
KARCHER, JEFFERY DWANE	2,920,379	KRAUSSLER, WOLFGANG	2,920,129	LETOCART, PHILIPPE	2,920,077
KAREEM, REZAN	2,920,294	KRETZLER, TIMO	2,919,914	LEWIS, BENJAMIN	2,920,343
KARIM, NAIMUL	2,919,973	KRIEGER, MANFRED	2,919,700	LG ELECTRONICS INC.	2,919,834
KARP, HARVEY NEIL	2,919,978	KRISH, PREM	2,919,807	LI, FEI	2,920,017
KASHANI-SABET,		KRISKY, DAVID	2,918,535	LI, JONATHAN	2,920,117
MOHAMMED	2,907,184	KRONOPLUS TECHNICAL AG	2,920,397	LI, MING-JUN	2,920,157
KASSAB, GHASSAN S.	2,919,981	KUANG, CHENZHONG	2,918,457	LI, SHENPING	2,920,157
KATAOKA, KAZUNORI	2,920,328	KUANG, ZHIYONG	2,920,167	LI, WEIMING	2,919,874
KATHOLIEKE UNIVERSITEIT		KUBIAK, JEFFREY	2,920,198	LI, XIANFENG	2,919,888
LEUVEN	2,920,228	KUDOU, KAZUHIRO	2,920,353	LI, XIANG	2,919,908
KATO, YOSHINAGA	2,919,966	KUMAR, NISHANT	2,918,531	LI, YAN SHENG	2,920,277
KAWAKAMI, SATOSHI	2,920,284	KUMPFMULLER, ANDREAS	2,920,425	LIANG, CHUNLI	2,919,899
KEELING, NICHOLAS ATHOL	2,919,719	KURZ, JOCHEN	2,920,314	LIANG, ZHAO	2,920,338
KEIRSTEAD, WILLIAM C.	2,919,854	KX TECHNOLOGIES LLC	2,920,294	LIAO, SHYHYUAN	2,919,093
KELLER, THIERRY	2,905,655	KX TECHNOLOGIES LLC	2,920,381	LILLIE, KEVIN	2,902,708
KELLY, MARCUS	2,920,369	KYOWA CHEMICAL		LIM, HOU-SEN	2,919,865
KEMENY, STEVEN F.	2,919,892	INDUSTRY CO., LTD.	2,919,827	LIM, HOU-SEN	2,919,945
KEMPF, CHRISTOPH	2,920,391	KYUSHU UNIVERSITY,		LIM, HOU-SEN	2,919,957
KENEALY, WILLIAM R.	2,920,114	NATIONAL UNIVERSITY		LIM, HOU-SEN	2,919,960
KENNEL, FABIAN	2,920,224	CORPORATION	2,920,138	LIM, NATHANIEL ANTHONY	
KERESTECIOGLU, ULVI	2,920,058	LAFOLLETTE, SCOTT	2,920,194	CO	2,920,402
KERRISK, CHRISTOPHER	2,920,362	LALLEMAND HUNGARY		LIN, AMY H.	2,920,049
KERRISK, CHRISTOPHER	2,920,400	LIQUIDITY		LIN, BO	2,920,371
KETELSON, HOWARD ALLEN	2,920,286	MANAGEMENT LLC	2,920,114	LIN, YAN-YOU	2,920,390
KEZYS, VYTAUTAS		LALLOUETTE, TERRENCE	2,919,982	LINDBO, LARS SVERKER	
ROBERTAS	2,920,144	LAM, STEVEN	2,920,256	TURE	2,920,361
KHLEBNIKOV, VLADIMIR	2,919,948	LAND, INGMAR RUDIGER	2,920,292	LINDE	
KHUDCHENKO, ANDREY		LAND, INGMAR RUDIGER	2,920,298	AKTIENGESELLSCHAFT	2,920,058
VYACHESLAVOVICH	2,920,428	LANDIS+GYR INNOVATIONS,		LINDEMANN, SVEN	2,920,420
KHURANA, TARUN	2,920,390	INC.	2,919,729	LINDEN, LEE CHARLES	2,920,343
KIEBER-EMMONS, THOMAS	2,919,835	LANDMARK GRAPHICS		LISI AEROSPACE	2,919,990
KIM, BYOUNGGILL	2,919,834	CORPORATION	2,919,860	LISTER-JAMES, JOHN	2,920,402
KIM, JAEHYUNG	2,919,834	LANDMARK GRAPHICS		LISTON, JONATHAN LEE	2,920,043
KINGSLEY, EDWARD D.	2,919,695	CORPORATION	2,919,871	LITTLE, MELVYN	2,920,173
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KISS, LASZLO ERNO	2,919,844	COURT	2,920,227	LIU, JILI	2,920,404
KISSIN, MICHAEL LE		LAPOINTE, MARC-ANDRE	2,920,027	LIU, LU	2,920,339
GALLAIS	2,919,719	LARM, MARIA GRAZIELLA	2,919,979	LIU, STEVEN	2,920,224

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LLOPIS PLA, SILVIA	2,918,430	MATTHEWS, KENNETH HEIDT	2,920,185	MITCHELL, JAMES B.	2,920,017
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LOCCUFIER, JOHAN	2,920,044	MATURA, AKHILESH	2,920,400	MITTRICKER, FRANKLIN F.	2,920,164
LOEB, BRANDON	2,920,354	MATZ, MARC-MANUEL	2,920,425	MIYAGAWA, YOSHITAKA	2,918,535
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LOH, KIAN PING	2,920,010	MAYER, WINFRIED	2,919,910	MODI, DILIP P.	2,920,108
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LUDOLPH, BJOERN	2,920,002	MCP IP, LLC	2,920,291	MOORE, PAUL A.	2,920,021
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LUKE, MICHAEL R.	2,919,979	MCVEY, THOMAS MICHAEL	2,919,882	MOORE, PAUL A.	2,920,117
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MA, CHENGGUO	2,919,903	MEIER, ROLAND	2,920,070	MORTENSEN, JENNIFER	2,919,868
MACKENZIE, COLIN	2,920,363	MEIJI SEIKA PHARMA CO., LTD.	2,919,980	MORTON, LORI C.	2,920,071
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MAEDA, DEAN Y.	2,920,172	MERCER (US) INC.	2,920,333	MSD CONSUMER CARE, INC.	2,919,867
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MALIK, PUNAM	2,920,191	MERCK PATENT GMBH	2,920,420	MUELLER, AUSTIN WADE	2,920,260
MALINOVSKIY, ALEXEY	2,919,910	MERCK SHARPE & DOHME CORP.	2,920,113	MUHL, TIMOTHY	2,919,890
MALONEY, JAMES G.	2,920,225	MERLET, SAMUEL	2,920,076	MUIRHEAD, DAVID	2,919,946
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MANN, BRIAN	2,920,202	MEYER, KATJA	2,920,078	MULLER, BURKHARD	2,920,374
MANOHARAN, PRABU	2,919,963	MICHALSKI, RICHARD ANDREW	2,920,106	MURI, DIETER	2,920,068
MANTHIRAM, ARUMUGAM	2,919,708	MIGNARD, DOMINIQUE	2,919,932	MURPHY, ANDREW J.	2,920,071
MAO, JOSEPH WENHOW	2,919,904	MIHM, MATTHIAS	2,920,161	MURRIS, ERIC	2,919,982
MARAN, JEAN-NOEL	2,920,027	MIKOLICHECK, MICHAEL JEFFREY	2,919,858	MUSCLE CORPORATION	2,920,283
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MARKO, PAUL	2,920,106	MILLER, JAMES JACKSON	2,920,227	MY CLEVER DOG PTY LTD	2,919,872
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MARSHALL, CHRISTOPHER PATRICK	2,920,016	MINDERMAN, HANS	2,920,045	MYSLINSKI, NICHOLAS R.	2,919,892
MARSHALL, EVERETT	2,919,886	MIONO, TADAAKI	2,919,809	NAGATSUKA, MASATO	2,920,353
MARTIN, CHRISTOPHER L.	2,919,236			NAIR, PRADIP	2,920,368
MARTIN, JEREMY GRANT	2,919,807			NAITO, HIROKO	2,920,289
MARTINEZ BOTAS, JAVIER	2,919,954			NAKAYAMA, KEIICHI	2,920,138
MARTINS, MARCO AURELIO	2,920,315			NAKAZAWA, YOSHIAKI	2,920,329
MARTORELL GUEROLA, PATRICIA	2,918,430			NAKAZAWA, YOSHIAKI	2,920,355
MASHIN-CHI, HADI	2,920,285			NALLEN, MICHAEL A.	2,920,019
MASIERO, LAURA	2,919,731			NATIONAL UNIVERSITY OF SINGAPORE	2,920,010
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NILSSON, JOAKIM	2,920,005	PANARISI, JOSEPH R.	2,919,093	POLLOK, ANDRE	2,920,298
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NITTOLI, THOMAS	2,920,369	PASHOV, ANASTAS	2,919,835	PRIEVE, MARY G.	2,919,828
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NOVARTIS AG	2,920,048	PENE-DUMITRESCU,		QUALCOMM INCORPORATED	2,920,051
NOVARTIS AG	2,920,286	TEODORA X.	2,919,979	QUALCOMM INCORPORATED	2,920,118
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RESTREPO, ALEX	2,919,859	SAMSUNG ELECTRONICS CO., LTD.	2,919,830	SHAH, KALPANA SHAH, MAYUR P.	2,920,117 2,920,022
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RING CONTAINER TECHNOLOGIES, LLC	2,920,378	SANTOS, LEANDRO L.	2,919,979	SHETH, TRUPTI	2,920,108
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RITE-HITE HOLDING CORPORATION	2,919,891	SAWADA, TAKESHI	2,920,130	SHIMA, HIDEKAZU	2,920,130
RITTER, GEBHARD	2,919,908	SAWADA, TAKESHI	2,920,135	SHIMA, HIDEKAZU	2,920,135
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ROBERT BACIGALUPO, MARIA CANDELARIA	2,920,390	SCHLUMBERGER CANADA LIMITED	2,919,826	SIBILIA, GIAMPAOLO	2,919,864
ROMANO, GABRIELE	2,919,731	SCHLUMBERGER CANADA LIMITED	2,919,829	SICPA HOLDING SA	2,919,908
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BAXTER INTERNATIONAL INC.	2,919,631	INTERCONTINENTAL GREAT BRANDS LLC	2,919,919	SELECTIVE BROADCASTING CORPORATION	2,920,159
BOULANGER, WILLIAM	2,919,344	ISOLYNX, LLC	2,918,778	SIGEL, KIRK M.	2,918,778
BROWN, JASON R.	2,919,153	JIMENEZ, EDUARDO	2,919,870	SOULUER, FARID	2,920,159
BRUCKNER, BENJAMIN ANTHONY	2,919,825	JOHNSON, RONALD L.	2,919,774	SPILLER, BERT APPLETON	2,918,584
BRUNK, DARRIN W.	2,919,825	JUNG, HAE-KYUNG	2,920,090	STENER, LESTER	2,919,923
CHEON, MIN-SU	2,920,090	KAMEN, DEAN	2,919,786	STORZ, JOACHIM	2,919,870
CHILDERS, ROBERT W.	2,919,631	KELLY, THOMAS D.	2,919,631	STURTEVANT, DAVID J.	2,920,210
COKER, BERK	2,919,514	KERWIN, JOHN MATTHEW	2,919,786	SUMNICHT, DANIEL W.	2,919,055
COKER, TULUHAN	2,919,514	KIM, IL-KOO	2,920,090	TBL LICENSING LLC	2,918,584
COLGATE-PALMOLIVE COMPANY	2,919,870	KLAUSEGGER, RAIMUND	2,919,870	THE LUBRIZOL CORPORATION	2,919,153
COLTON, ERIC M.	2,919,774	KOKKO, BRUCE J.	2,919,055	THE QUAKER OATS COMPANY	2,919,641
COMMANDER, LAWRENCE	2,920,038	LANIGAN, RICHARD J.	2,919,786	THOMPSON, ROGER HENRY	2,920,096
CONRAD, WAYNE ERNEST	2,919,941	LEE, SUN-IL	2,920,090	TSUNODA, TAKUYA	2,919,248
COTLAR, DANIEL H.	2,919,514	LISTER, ADAM	2,920,038	VAN BILJON, WILLEM R.	2,920,179
CRAWLEY, SETH	2,919,153	LOCKHART, YUGEN PATRICK	2,919,774	VIROCHSIRI, KITTIPAT	2,919,447
CRONIN, JOSEPH FRANCIS KEVIN	2,920,096	LUDWIG, CATHY JEAN	2,919,919	WAGIC, INC.	2,919,774
CURTISS, MICHAEL	2,919,447	LUMINEX CORPORATION	2,919,210	WANG, YI	2,920,176
DE LA RUE INTERNATIONAL LIMITED	2,920,038	MASSEY, AYSE TULAY	2,919,919	WARD, WILLIAM C.	2,919,153
DEANGELIS, DOUGLAS J.	2,918,778	MCCAULEY, JOHN J.	2,919,923	WILSON, HOWARD ALLEN	2,919,774
DEKA PRODUCTS LIMITED PARTNERSHIP	2,919,786	MENDL, NADINE	2,919,919	WINDSOR, NICOLE LEE	2,919,919
E-Z-DOCK, INC.	2,920,210	METAL STORM LIMITED	2,920,096	WU, JIANMING	2,920,176
EASTER, MARK R.	2,919,737	MIN, JUNG-HYE	2,920,090	WYSOCZYNSKI, CHRISTOPHER LEE	2,919,825
ESCOBAR, STEVEN SIMAS	2,919,774	MISHRA, CHAITANYA	2,919,447	YACU, WALEED	2,919,641
EVANSEN, EDWARD G.	2,918,778	MOORE, GARY	2,919,641	ZELLER, BARY LYN	2,919,919
FACEBOOK, INC.	2,919,447	MOSER, MICHAEL JAMES	2,919,210	ZHOU, HUA	2,920,176
FICHERA, STEPHEN LEWIS	2,919,786	MOSIER, PATRICK E.	2,919,153		
FRANCIS, THOMAS J.	2,920,175	MOSKOVICH, ROBERT	2,919,870		
FUJITSU LIMITED	2,920,176	MULLET, WILLIS JAY	2,919,825		
GALLEGOS, ROBERT J.	2,919,774	MURPHY, COLIN HOLMES	2,919,786		
GAONKAR, ANILKUMAR GANAPATI	2,919,919	NEURALTUS PHARMACEUTICALS, INC.	2,919,344		
GENERAL CABLE TECHNOLOGIES CORP.	2,919,737	NORTON, DENIS W.	2,918,584		
GEORGIA-PACIFIC CONSUMER PRODUCTS LP	2,919,055	O'DWYER, SEAN PATRICK	2,920,096		
GIESELMAN, MATTHEW D.	2,919,153	OHSAWA, RYUJI	2,919,248		
GLASS, KEVIN L.	2,919,244	OMACHRON INTELLECTUAL PROPERTY INC.	2,919,941		
GLOBAL CUSTOM COMMERCE INC.	2,919,514	ONCOTHERAPY SCIENCE, INC.	2,919,248		
GRAY, LARRY BRIAN	2,919,786	OXFORD, PHILIP JAMES	2,919,919		
		PATERSON-JONES, ROLAND	2,920,179		
		PEERLESS CHAIN COMPANY	2,919,923		
		PINKHAM, CHRISTOPHER C.	2,920,179		
		PREININGER, MARTIN	2,919,919		
		QMOTION INCORPORATED	2,919,825		
		RAINA, RAJAT	2,919,447		