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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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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

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[51] - International Classification
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[54] - Title of Invention
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[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
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[85] - National Entry Date
[86] - PCT International Filing Data
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Avis

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'indentification 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**).

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. 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

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. 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.

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.

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. 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.

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 peut être 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. 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.

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. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

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.

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. 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).

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. 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.

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.

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 (Rule 58) **$800**

* International fees will be reduced by:

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

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 57.2*a*)) **268 $**

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

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

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

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; 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, Quebec.

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*.

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.

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.

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:

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 :

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

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.*

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 statuaire)
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

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.*

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.*

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

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

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

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

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

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

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

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

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

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

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

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

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

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

Veuillez 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.

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
   Édifice 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
   Édifice 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.

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.

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.

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

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

2. *Registered Mail*™ and *Xpresspost*™ 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* ™ and *Xpresspost*™ services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé* MC et *Xpresspost*MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

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

3. 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

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

national phase will not be accepted.

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

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

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

3.1 Facsimile

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

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

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

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

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

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

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

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

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

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

3.1 Correspondance par télécopieur

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

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

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

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

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré 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 envoyés 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 89bis 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.

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.

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.

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.

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.

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.

Topographies de circuits integers

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 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

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.

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.

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.

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

Pursuant to *PCT Rules* 89*bis* 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

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

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

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.

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. 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;

4. Précisions concernant les formats électroniques acceptés

Brevets

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

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

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;

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

ASCII Format:

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

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

Format ASCII :

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

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 ½" 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 ½" by 11";
- Resolution of 300 dpi.

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

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. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

5. Renseignements généraux

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

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 27, 2016 contains applications open to public inspection from September 11, 2016 to September 17, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 27 septembre 2016 contient les demandes disponibles au public pour consultation pour la période du 11 septembre 2016 au 17 septembre 2016.

17. Dedication to the Public

IN THE MATTER OF CANADIAN PATENT NO.2,379,948

Subject to the terms of this document, ICOS Corporation, Inc. as the registered owner of Canadian Patent No. 2,379,948 entitled "Beta-Carboline Pharmaceutical Compositions" (Inventors Peter L. Oren, Neil R. Anderson and Martha A. Kral) hereby irrevocably dedicates to the public all rights that it may hold in and to claims 19-22, 26-29 and 31-33 of the Canadian Patent No. 2,379,948 for the entirety of the term of the Patent as of March 25, 2008.

For clarity the remaining claims, namely 1-18, 23-25 and 30, are not dedicated and the patentee maintains all rights available to it in respect of those claims.

The present dedication of claims 19-22, 26-29 and 31-33 of the Canadian Patent No. 2,379,948 is made without any prejudice to the rights of ICOS Corporation in and to any other patent or pending patent applications.

The present dedication shall apply to all subsequent owners of Canadian Patent No. 2,379,948 and to all persons who now or in the future may hold any rights under Canadian Patent No. 2,379,948.

The patentee, ICOS Corporation, also requests that this dedication be registered and recorded in all relevant places in the Patent Office, to provide notice of its dedication to the public, effective March 25, 2008, including its attachment to any printed copies of the Canadian patent which may hereinafter be distributed to the public.

Dated this 1st day of September 2016 at Indianapolis, Indiana.

ICOS Corporation

Per: *(signature)*
Name: Dan L. Wood
Title: Assistant General Patent Counsel

Signed before me at Indianapolis, Indiana
United States of America, this 1st day of September 2016

17. Cession au Domaine Public

DANS L'AFFAIRE DU BREVET CANADIEN N^{O} 2,379,948

Sous réserve des modalités du présent document, et par la présente, ICOS Corporation, le titulaire du Brevet canadien no 2 379 948, ayant pour titre "Compositions pharmaceutiques à base de bêta-carboline" (inventeurs : Peter L. Oren, Neil R. Anderson et Martha A. Kral) cède irrévocablement au domaine public tous les droits qu'il pourrait détenir à l'égard des revendications 19 à 22, 26 à 29 et 31 à 33 du Brevet canadien no 2 379 948 pour toute la durée du brevet à compter du 25 mars 2008.

Par souci de clarté, les revendications restantes, à savoir 1 à 18, 23 à 25 et 30, ne sont pas cédées au domaine public et le breveté conserve tous les droits qu'il détient à l'égard de ces revendications.

La présente cession des revendications 19 à 22, 26 à 29 et 31 à 33 du Brevet canadien no 2 379 948 est effectuée sous réserve des droits de ICOS Corporation à l'égard de tout autre brevet ou de toute demande de brevet en instance.

La présente cession s'applique à tous les titulaires subséquents du Brevet canadien no 2 379 948 et à toutes les personnes qui détiennent à l'heure actuelle, ou qui pourraient détenir à l'avenir, des droits en vertu du brevet canadien no 2 379 948.

Le breveté, ICOS Corporation, demande également que la présente cession soit enregistrée et inscrite dans tous les lieux et registres pertinents du Bureau des brevets, afin qu'un avis public soit donné de la cession du brevet, en englobant tout lien avec des copies papier du brevet canadien qui pourraient être transmises au public après cette date.

Fait en ce 1er jour de septembre 2016 à Indianapolis, en Indiana.

ICOS Corporation

Per: (signature)
Nom: Dan L. Wood
Titre : Avocat général adjoint aux brevets

Signé devant moi à Indianapolis, en Indiana, aux États-Unis d'Amérique, en ce 1er jour de septembre 2016.

Per: (signature)
Name: Jada J. Harrell
Notary Public

Per: (signature)
Nom: Jada J. Harrell
Notaire publique

Canadian Patents Issued

September 27, 2016

Brevets canadiens délivrés

27 septembre 2016

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[11] **2,334,160**
[13] C
[51] **Int.Cl. C12N 15/62 (2006.01) C07K 1/18 (2006.01) C07K 1/36 (2006.01) C12N 15/70 (2006.01) C12P 21/02 (2006.01) C12N 15/54 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PEPTIDE WITH A PI ABOVE 8 OR BELOW 5**
[54] **METHODE POUR PRODUIRE UN PEPTIDE AVEC UN PI SUPERIEUR A 8 OU INFERIEUR A 5**
[72] POLLITT, N. STEPHEN, US
[72] BUCKLEY, DOUGLAS I., US
[72] STATHIS, PETER A., US
[72] HARTMAN, TAYMAR E., US
[72] ZHONG, ZIYANG, US
[73] SCIOS INC., US
[85] 2001-01-08
[86] 1999-07-08 (PCT/US1999/015147)
[87] (WO2000/003011)
[30] US (60/092,423) 1998-07-10

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[11] **2,401,731**
[13] E
[51] **Int.Cl. A61K 31/557 (2006.01) A61K 8/365 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 31/5575 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING HAIR LOSS USING NON-NATURALLY OCCURRING PROSTAGLANDINS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA PERTE DE CHEVEUX AU MOYEN DE PROSTAGLANDINES NON NATURELLES**
[72] DELONG, MITCHELL ANTHONY, US
[72] MCIVER, JOHN MCMILLAN, US
[72] YOUNGQUIST, ROBERT SCOTT, US
[73] DUKE UNIVERSITY, US
[85] 2002-08-28
[86] 2001-03-30 (PCT/US2001/010370)
[87] (WO2001/074315)
[48] 2016-09-27
[30] US (60/193,645) 2000-03-31

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[11] **2,443,757**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 38/17 (2006.01) C07C 229/36 (2006.01) C07C 233/51 (2006.01) C07C 237/22 (2006.01) C07K 14/00 (2006.01) C07K 14/47 (2006.01) C07K 14/505 (2006.01) C12N 1/21 (2006.01) C12N 15/67 (2006.01) C12P 13/00 (2006.01) C12P 13/04 (2006.01) C12P 13/22 (2006.01) C12P 19/26 (2006.01) C12P 21/02 (2006.01) C12Q 1/04 (2006.01)**
[25] EN
[54] **IN VIVO INCORPORATION OF UNNATURAL AMINO ACIDS**
[54] **INCORPORATION IN VIVO D'ACIDES AMINES NON NATURELS**
[72] SCHULTZ, PETER, US
[72] WANG, LEI, US
[72] ANDERSON, JOHN CHRISTOPHER, US
[72] CHIN, JASON W. K., US
[72] LIU, DAVID R., US
[72] MAGLIERY, THOMAS J., US
[72] MEGGERS, ERIC L., US
[72] MEHL, RYAN, AARON, US
[72] PASTRNAK, MIRO, US
[72] SANTORO, STEVEN WILLIAM, US
[72] ZHANG, ZHIWEN, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2003-10-10
[86] 2002-04-19 (PCT/US2002/012465)
[87] (WO2002/085923)
[30] US (60/285,030) 2001-04-19
[30] US (60/355,514) 2002-02-06

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[11] **2,471,573**
[13] C
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 11/36 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **METHOD, COMPUTER PROGRAM PRODUCT AND SYSTEM FOR PROVIDING A PORTAL FOR IMPLEMENTATION OF MULTIPLE SOFTWARE COMPONENTS**
[54] **METHODE, LOGICIEL ET SYSTEME POUR PORTAIL D'IMPLANTATION DE COMPOSANTES LOGICIELLES MULTIPLES**
[72] THEISS, GUENTHER, DE
[72] BLATTNER, GUENTER, DE
[72] WOLF, WERNER, DE
[72] HACK, STEFAN, DE
[72] ERHARDT, MICHAEL, DE
[73] SAP SE, DE
[85] 2004-06-22
[86] 2002-12-27 (PCT/IB2002/005779)
[87] (WO2003/060785)
[30] US (60/343,161) 2001-12-28
[30] US (10/233,321) 2002-08-30

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[11] **2,473,264**
[13] C
[51] **Int.Cl. B61F 5/14 (2006.01) B61F 5/04 (2006.01) B61F 5/12 (2006.01) B61F 5/38 (2006.01)**
[25] EN
[54] **RAIL ROAD CAR TRUCK AND FITTINGS THEREFOR**
[54] **BOGIE ET ELEMENTS CONNEXES**
[72] FORBES, JAMES W., CA
[72] HEMATIAN, JAMAL, CA
[73] NATIONAL STEEL CAR LIMITED, CA
[86] (2473264)
[87] (2473264)
[22] 2004-07-08
[30] CA (2,434,603) 2003-07-08
[30] CA (2,436,327) 2003-07-31
[30] CA (2,454,472) 2003-12-24

[11] **2,480,126**
[13] C
[51] **Int.Cl. C12N 5/02 (2006.01) C07K 16/00 (2006.01) C12N 5/16 (2006.01)**
[25] EN
[54] **CELL CULTURE MEDIUM FOR LYMPHOID CELLS**
[54] **MILIEU DE CULTURE CELLULAIRE POUR CELLULES LYMPHOIDES**
[72] MAINWARING, DAVID, GB
[72] WAYTE, JEREMY, GB
[73] LONZA BIOLOGICS PLC., GB
[85] 2004-09-21
[86] 2003-04-08 (PCT/EP2003/003631)
[87] (WO2003/064630)
[30] GB (0208041.4) 2002-04-08
[30] US (60/411,751) 2002-09-19

---

[11] **2,487,118**
[13] C
[51] **Int.Cl. C07F 15/00 (2006.01) H01L 51/54 (2006.01) H01L 51/56 (2006.01)**
[25] EN
[54] **PHOSPHORESCENT OSMIUM AND RUTHENIUM COMPLEXES AND USES THEREOF**
[54] **COMPLEXES D'OSMIUM ET DE RUTHENIUM PHOSPHORESCENTS ET LEUR UTILISATION**
[72] TAO, YE, CA
[72] CARTY, ARTHUR J., CA
[72] CHI, YUN, TW
[72] TUNG, YUNG-LIANG, TW
[72] CHOU, PI-TAI, TW
[73] CARLYLE TECHNOLOGY INNOVATION, LLC, US
[86] (2487118)
[87] (2487118)
[22] 2004-11-05
[30] CA (2,448,718) 2003-11-07

---

[11] **2,493,410**
[13] C
[51] **Int.Cl. G01R 31/28 (2006.01) A61J 7/00 (2006.01) G01V 15/00 (2006.01)**
[25] EN
[54] **ASSEMBLY, PRODUCTION AND QUALITY ASSURANCE PROCESSES RESPECTING ELECTRONIC COMPLIANCE MONITOR (ECM) TAGS**
[54] **PROCESSUS D'ASSEMBLAGE, DE PRODUCTION ET D'ASSURANCE QUALITE RELATIFS A DES ETIQUETTES DE SURVEILLANCE DE CONFORMITE ELECTRONIQUE (ECM)**
[72] PETERSEN, MICHAEL, CA
[72] WILSON, ALLAN, CA
[72] SHERSTYUK, MYKOLA, CA
[73] INTELLIGENT DEVICES SEZC INC., KY
[86] (2493410)
[87] (2493410)
[22] 2005-01-20

---

[11] **2,516,559**
[13] C
[51] **Int.Cl. A61B 5/05 (2006.01) A61L 2/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING CROSS-SECTIONAL AREAS AND PRESSURE GRADIENTS IN LUMINAL ORGANS**
[54] **SYSTEME ET PROCEDE POUR MESURER DES PARTIES TRANSVERSALES ET DES GRADIENTS DE PRESSION DANS DES ORGANES INTRACAVITAIRES**
[72] KASSAB, GHASSAN S., US
[72] GREGERSEN, HANS, DK
[72] MOVAHED, MOHAMED REZA, US
[73] ELECTRO-CAT, LLC, US
[85] 2005-08-18
[86] 2004-02-18 (PCT/US2004/004828)
[87] (WO2004/075928)
[30] US (60/449,266) 2003-02-21
[30] US (60/493,145) 2003-08-07
[30] US (60/502,139) 2003-09-11

---

[11] **2,527,829**
[13] C
[51] **Int.Cl. G09G 5/00 (2006.01)**
[25] EN
[54] **A MAN-MACHINE INTERFACE FOR CONTROLLING ACCESS TO ELECTRONIC DEVICES**
[54] **INTERFACE HOMME-MACHINE DE COMMANDE D'ACCES A DES DISPOSITIFS ELECTRONIQUES**
[72] ABDALLAH, DAVID S., US
[72] JOHNSON, BARRY W., US
[72] OLVERA, KRISTEN R., US
[73] APPLE INC., US
[85] 2005-11-30
[86] 2004-06-01 (PCT/US2004/017270)
[87] (WO2004/109454)
[30] US (60/474,750) 2003-05-30

---

[11] **2,557,663**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SECURE TRANSMISSION OF IDENTIFICATION INFORMATION OVER PUBLIC NETWORKS**
[54] **PROCEDES ET SYSTEMES DE TRANSMISSION SECURISEE D'INFORMATIONS D'IDENTIFICATION SUR DES RESEAUX PUBLICS**
[72] GRACE, DAVID, US
[72] TURGEON, PAUL, US
[73] METAVANTE CORPORATION, US
[85] 2006-08-25
[86] 2005-02-28 (PCT/US2005/006535)
[87] (WO2005/084293)
[30] US (60/548,824) 2004-02-27
[30] US (11/067,306) 2005-02-25

[11] **2,561,741**
[13] C
[51] **Int.Cl. C07H 21/00 (2006.01) C07C 321/20 (2006.01) C07D 249/04 (2006.01) C07D 249/08 (2006.01) C07D 249/10 (2006.01) C07D 249/18 (2006.01) C07D 257/04 (2006.01) C07D 285/01 (2006.01) C07F 9/09 (2006.01) C07F 9/141 (2006.01) C07F 9/165 (2006.01)**
[25] EN
[54] **PROCESSES AND REAGENTS FOR OLIGONUCLEOTIDE SYNTHESIS AND PURIFICATION**
[54] **PROCEDES ET REACTIFS POUR LA SYNTHESE ET LA PURIFICATION D'OLIGONUCLEOTIDES**
[72] MANOHARAN, MUTHIAH, US
[72] JUNG, MICHAEL E., US
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] PANDEY, RAJENDRA K., US
[72] WANG, GANG, US
[73] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2006-09-27
[86] 2005-04-05 (PCT/US2005/011490)
[87] (WO2005/097817)
[30] US (60/559,782) 2004-04-05

---

[11] **2,572,204**
[13] C
[51] **Int.Cl. G05B 11/01 (2006.01) G05B 19/042 (2006.01) G05B 23/02 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR ELECTRICAL DEVICES**
[54] **SYSTEME DE CONTROLE POUR DISPOSITIFS ELECTRIQUES**
[72] OSTROVSKY, MICHAEL, US
[72] BRUCCOLERI, DAMON, US
[73] LEVITON MANUFACTURING CO., INC., US
[85] 2006-12-22
[86] 2005-06-27 (PCT/US2005/022901)
[87] (WO2006/004735)
[30] US (60/584,085) 2004-06-29
[30] US (60/623,841) 2004-10-29
[30] US (11/149,365) 2005-06-10

---

[11] **2,574,329**
[13] C
[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/18 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **AUTOMATED VISION SCREENING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'EVALUATION AUTOMATIQUE DE LA VUE**
[72] FOSTER, BART, US
[73] PURSUANT HEALTH, INC., US
[85] 2007-01-18
[86] 2005-07-27 (PCT/EP2005/008158)
[87] (WO2006/010611)
[30] US (60/591,670) 2004-07-28

---

[11] **2,586,865**
[13] C
[51] **Int.Cl. A61K 36/81 (2006.01) A61K 31/045 (2006.01) A61K 31/047 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **ANTIOXIDANT DIETARY SUPPLEMENT COMPOSITIONS AND METHODS FOR MAINTAINING HEALTHY SKIN**
[54] **COMPOSITIONS DE COMPLEMENTS ALIMENTAIRES SUPPLEMENTAIRES ANTI-OXYDANTS ET METHODES POUR CONSERVER UNE PEAU SAINE**
[72] CHOMCZYNSKI, PIOTR, US
[73] CHOMCZYNSKI, PIOTR, US
[85] 2007-05-08
[86] 2005-11-29 (PCT/US2005/043301)
[87] (WO2006/060470)
[30] US (60/632,481) 2004-12-02
[30] US (60/708,498) 2005-08-16
[30] US (11/273,514) 2005-11-14

---

[11] **2,588,803**
[13] C
[51] **Int.Cl. G06Q 20/04 (2012.01) G06Q 40/02 (2012.01) G06F 7/00 (2006.01) G07D 7/04 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DUPLICATE COMMERCIAL PAPER TRANSACTION DETECTION**
[54] **PROCEDE ET SYSTEME DE DETECTION DE COPIES DE TRANSACTIONS D'EFFETS DE COMMERCE**
[72] MALONEY, RIAN R., US
[73] VECTORSGI, INC., US
[85] 2007-05-17
[86] 2005-11-16 (PCT/US2005/041996)
[87] (WO2006/055846)
[30] US (10/993,628) 2004-11-19

---

[11] **2,588,932**
[13] C
[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/02 (2006.01) A61B 8/06 (2006.01) A61B 8/12 (2006.01) A61B 8/14 (2006.01)**
[25] EN
[54] **DETERMINING RESPIRATORY OR CIRCULATORY HEALTH CONDITION IN ANIMALS FOR IMPROVED MANAGEMENT**
[54] **DETECTION DE TROUBLES DE SANTE AU NIVEAU RESPIRATOIRE ET CIRCULATOIRE CHEZ DES ANIMAUX, POUR UNE MEILLEURE GESTION**
[72] HAYNES, JOHN T., US
[72] PRATT, WILLIAM C., US
[73] MWI VETERINARY SUPPLY CO., US
[85] 2007-05-30
[86] 2005-11-30 (PCT/US2005/043371)
[87] (WO2006/060511)
[30] US (60/631,646) 2004-11-30

[11] **2,590,208**
[13] C
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTROLLING THE ELECTRIC CHARGE ON STIMULATING ELECTRODES**
[54] **DISPOSITIF POUR REGULER LA CHARGE ELECTRIQUE AU NIVEAU D'ELECTRODES DE STIMULATION**
[72] ROCKE, ANDRE, DE
[72] ORTMANNS, MAURITS, DE
[72] UNGER, NORBERT, DE
[73] PIXIUM VISION SA, FR
[85] 2007-06-11
[86] 2005-12-09 (PCT/EP2005/013258)
[87] (WO2006/063743)
[30] DE (10 2004 059 973.4) 2004-12-13

[11] **2,599,532**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **METHOD FOR PROVIDING DOCUMENTATION INFORMATION OF COMPLEX MACHINES AND SYSTEMS, IN PARTICULAR AN INJECTION MOLDING MACHINE**
[54] **METHODE DE FOURNITURE D'INFORMATION DE DOCUMENTATION DE MACHINES ET SYSTEMES COMPLEXES, EN PARTICULIER UNE MACHINE DE MOULAGE PAR INJECTION**
[72] GRIMM, GUENTHER, DE
[72] BETSCHE, MARKUS, DE
[72] PICKEL, HERBERT, DE
[73] KRAUSSMAFFEI TECHNOLOGIES GMBH, DE
[85] 2007-08-24
[86] 2006-03-16 (PCT/EP2006/060781)
[87] (WO2006/103180)
[30] DE (102005014941.3) 2005-04-01

[11] **2,605,278**
[13] C
[51] **Int.Cl. G06Q 50/24 (2012.01) G06Q 10/10 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING AND MAINTAINING A MASTER MATCHING INDEX**
[54] **SYSTEME ET PROCEDE D'UTILISATION ET DE TENUE A JOUR D'UN INDICE MMI**
[72] CRAPO, JARED, US
[72] LASSETTER, JAMES K., US
[72] COYLE, DAVID M., US
[73] MEDICITY INC., US
[85] 2007-10-17
[86] 2006-05-03 (PCT/US2006/017189)
[87] (WO2006/119448)
[30] US (60/677,754) 2005-05-03
[30] US (11/416,666) 2006-05-02

[11] **2,610,425**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **ASSIGNMENT ACKNOWLEDGEMENT FOR A WIRELESS COMMUNICATION SYSTEM**
[54] **RECONNAISSANCE D'ASSIGNATION POUR SYSTEME DE COMMUNICATION SANS FIL**
[72] AGRAWAL, AVNEESH, US
[72] KHANDEKAR, AAMOD, US
[72] GOROKHOV, ALEXEI, US
[73] QUALCOMM INCORPORATED, US
[85] 2007-11-29
[86] 2006-05-31 (PCT/US2006/021211)
[87] (WO2006/130742)
[30] US (11/142,121) 2005-05-31
[30] US (11/260,931) 2005-10-27
[30] US (11/370,638) 2006-03-07

[11] **2,612,623**
[13] C
[51] **Int.Cl. C07D 215/227 (2006.01) A61K 31/47 (2006.01) A61P 31/04 (2006.01) C07D 215/36 (2006.01)**
[25] EN
[54] **QUINOLINE DERIVATIVES AS ANTIBACTERIAL AGENTS**
[54] **DERIVES DE QUINOLINE EN TANT QU'AGENTS ANTIBACTERIENS**
[72] ANDRIES, KOENRAAD JOZEF LODEWIJK MARCEL, BE
[72] KOUL, ANIL, BE
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] MOTTE, MAGALI MADELEINE SIMONE, FR
[73] JANSSEN PHARMACEUTICA N.V., BE
[85] 2007-12-18
[86] 2006-06-26 (PCT/EP2006/063556)
[87] (WO2007/000436)
[30] EP (05105769.3) 2005-06-28

[11] **2,614,364**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PLACEMENT AND PRICING OF INTERNET-BASED ADVERTISEMENTS OR SERVICES**
[54] **PROCEDE ET SYSTEME SERVANT A SOUMETTRE ET A EVALUER DES MESSAGES PUBLICITAIRES OU DES SERVICES SUR INTERNET**
[72] SUBRAMANIAN, ANAND, US
[72] SARKAR, SHANTHINI, US
[72] STERNS, JEREMY, US
[73] PULSEPOINT, INC., US
[85] 2008-01-07
[86] 2006-08-11 (PCT/US2006/031744)
[87] (WO2007/022137)
[30] US (60/707,869) 2005-08-11

[11] **2,615,359**
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/02 (2006.01) G06F 3/041 (2006.01) H03M 11/00 (2006.01) H04W 88/02 (2009.01) H04M 1/23 (2006.01)**
[25] EN
[54] **VIRTUAL KEYPAD INPUT DEVICE**
[54] **DISPOSITIF D'ENTREE CLAVIER VIRTUEL**
[72] MAW, WAI-LIN, US
[73] MAW, WAI-LIN, CA
[85] 2008-01-11
[86] 2005-08-01 (PCT/US2005/027272)
[87] (WO2006/023259)
[30] US (60/601,866) 2004-08-16

---

[11] **2,617,145**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) G07C 9/00 (2006.01)**
[25] EN
[54] **SITE-SPECIFIC ACCESS MANAGEMENT**
[54] **GESTION D'ACCES A UN SITE SPECIFIQUE**
[72] KOCHEVAR, PETER D., US
[72] RAY, RANDALL L., US
[73] KOCHEVAR, PETER D., US
[73] RAY, RANDALL L., US
[86] (2617145)
[87] (2617145)
[22] 2008-01-08
[30] US (11/621,263) 2007-01-09

---

[11] **2,617,483**
[13] C
[51] **Int.Cl. C07K 14/11 (2006.01) A61K 39/145 (2006.01) C12N 7/01 (2006.01) C12N 15/44 (2006.01) C12N 15/86 (2006.01) C12Q 1/70 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **MODIFIED INFLUENZA VIRUS FOR MONITORING AND IMPROVING VACCINE EFFICIENCY**
[54] **VIRUS DE LA GRIPPE MODIFIE UTILISE POUR SURVEILLER ET AMELIORER L'EFFICACITE D'UN VACCIN**
[72] HOFFMANN, ERICH, US
[72] LIPATOV, ALEKSANDR S., US
[72] WEBSTER, ROBERT G., US
[72] WEBBY, RICHARD J., US
[72] GOVORKOVA, ELENA A., US
[73] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, US
[85] 2008-01-31
[86] 2006-07-28 (PCT/US2006/029575)
[87] (WO2007/019094)
[30] US (60/705,808) 2005-08-04

---

[11] **2,618,519**
[13] C
[51] **Int.Cl. B41J 3/36 (2006.01) A45D 34/04 (2006.01) B41J 3/407 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLYING A REFLECTANCE MODIFYING AGENT TO IMPROVE THE VISUAL ATTRACTIVENESS OF HUMAN SKIN**
[54] **SYSTEME ET PROCEDE D'APPLICATION D'UN AGENT MODIFIANT LA REFLECTANCE POUR AMELIORER L'ATTRAIT VISUEL DE LA PEAU HUMAINE**
[72] YEAGER, RICK B., US
[72] EDGAR, ALBERT D., US
[72] IGLEHART, DAVID C., US
[73] TCMS TRANSPARENT BEAUTY LLC, US
[85] 2008-02-06
[86] 2006-08-14 (PCT/US2006/031657)
[87] (WO2007/022095)
[30] US (60/708,118) 2005-08-12

---

[11] **2,620,470**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01) C07K 14/715 (2006.01) C07K 16/28 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **TRAIL RECEPTOR 2 POLYPEPTIDES AND ANTIBODIES**
[54] **POLYPEPTIDES ET ANTICORPS**
[72] GLINIAK, BRIAN, US
[72] YANG, XIAO-DONG, US
[72] WONG-MADDEN, SHARON, US
[72] FOLTZ, IAN, CA
[72] FENG, XIAO, US
[72] FOSTER, STEPHEN, US
[72] KETCHEM, RANDAL R., US
[72] FITCH, ALISON, US
[73] AMGEN INC., US
[85] 2008-02-26
[86] 2006-08-28 (PCT/US2006/033763)
[87] (WO2007/027713)
[30] US (60/713,433) 2005-08-31
[30] US (60/713,478) 2005-08-31

---

[11] **2,625,505**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF .GAMMA.-LINOLENIC ACID AND/OR STEARIDONIC ACID IN TRANSGENIC BRASSICACEAE AND LINACEAE**
[54] **PROCEDE POUR PRODUIRE DE L'ACIDE .GAMMA.-LINOLENIQUE ET/OU DE L'ACIDE STEARIDONIQUE DANS DES BRASSICACEES ET LINACEES TRANSGENIQUES**
[72] NAPIER, JOHNATHAN A., GB
[72] SAYANOVA, OLGA, GB
[72] VENEGAS CALERON, MONICA, GB
[73] BASF PLANT SCIENCE GMBH, DE
[85] 2008-04-10
[86] 2006-10-30 (PCT/EP2006/010408)
[87] (WO2007/051577)
[30] DE (10 2005 052 551.2) 2005-11-02

[11] **2,627,951**
[13] C
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 9/22 (2006.01)**
[25] EN
[54] **CONTROLLED RELEASE COMPOSITIONS COMPRISING A COMBINATION OF ISOSORBIDE DINITRATE AND HYDRALAZINE HYDROCHLORIDE**
[54] **COMPOSITIONS A LIBERATION CONTROLEE COMPRENANT UNE COMBINAISON DE DINITRATE D'ISOSORBIDE ET D'HYDROCHLORURE D'HYDRALAZINE**
[72] SIDWELL, RICHARD, US
[72] HAMM, SHARON, US
[72] REKHI, GURVINDER, US
[73] RECRO GAINESVILLE LLC, US
[85] 2008-04-28
[86] 2006-10-26 (PCT/US2006/041625)
[87] (WO2007/053393)
[30] US (11/262,672) 2005-10-31
[30] US (11/373,629) 2006-03-10

[11] **2,628,213**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **MOBILE DEVICE-INITIATED MEASUREMENT GAP REQUEST**
[54] **REQUETE D'INTERVALLE DE MESURE LANCEE PAR DISPOSITIF MOBILE**
[72] GRILLI, FRANCESCO, US
[72] FLORE, ORONZO, US
[72] MONTOJO, JUAN, US
[72] KITAZOE, MASATO, JP
[72] TENNY, NATHAN EDWARD, US
[72] MALLADI, DURGA PRASAD, US
[72] CHAPONNIERE, ETIENNE F., US
[73] QUALCOMM INCORPORATED, US
[85] 2008-05-01
[86] 2006-11-01 (PCT/US2006/060454)
[87] (WO2007/053851)
[30] US (60/732,691) 2005-11-01

[11] **2,628,716**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61J 3/02 (2006.01) A61K 9/14 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **PROCESS TO CONTROL PARTICLE SIZE**
[54] **PROCESSUS DE REGULATION DE LA DIMENSION DE PARTICULE**
[72] MOONEY, BRETT ANTONY, AU
[72] KERAMIDAS, PANAGIOTIS (PETER), AU
[73] ALPHAPHARM PTY LTD, AU
[85] 2008-05-06
[86] 2006-11-10 (PCT/AU2006/001687)
[87] (WO2007/053904)
[30] AU (2005906227) 2005-11-10

[11] **2,634,345**
[13] C
[51] **Int.Cl. A61K 36/48 (2006.01)**
[25] EN
[54] **PHASEOLUS VULGARIS EXTRACTS, THEIR USE, AND FORMULATIONS CONTAINING THEM**
[54] **EXTRAITS DE PHASEOLUS VULGARIS, LEUR UTILISATION, ET PREPARATIONS LES CONTENANT**
[72] BERLANDA, DAVIDE, IT
[72] BERTANI, MARCO, IT
[72] BOMBARDELLI, EZIO, IT
[72] DONZELLI, FABIO, IT
[72] GARDI, ANDREA, IT
[72] PONZONE, CESARE, IT
[73] INDENA S.P.A., IT
[85] 2008-06-19
[86] 2006-12-13 (PCT/EP2006/012012)
[87] (WO2007/071334)
[30] IT (MI2005A 002450) 2005-12-22

[11] **2,636,855**
[13] C
[51] **Int.Cl. G01N 33/536 (2006.01) B01J 19/00 (2006.01) C07B 61/00 (2006.01) C07K 1/04 (2006.01) C12Q 1/68 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICES AND METHODS OF USE IN THE FORMATION AND CONTROL OF NANOREACTORS**
[54] **DISPOSITIFS MICROFLUIDIQUES ET LEURS PROCEDES D'UTILISATION DANS LA FORMATION ET LE CONTROLE DE NANOREACTEURS**
[72] LINK, DARREN R., US
[72] BOITARD, LAURENT, US
[72] BRANCIFORTE, JEFFREY, US
[72] CHARLES, YVES, US
[72] FEKE, GILBERT, US
[72] LU, JOHN, Q., US
[72] MARRAN, DAVID, US
[72] TABATABAI, AHMADALI, US
[72] WEINER, MICHAEL, US
[72] HINZ, WOLFGANG, US
[72] ROTHBERG, JONATHAN M., US
[73] RAINDANCE TECHNOLOGIES, INC., US
[85] 2008-07-10
[86] 2006-06-01 (PCT/US2006/021280)
[87] (WO2007/081385)
[30] US (PCTUS22000/0000931) 2006-01-11
[30] US (60/763,524) 2006-01-30
[30] US (60/771,286) 2006-02-07

[11] **2,638,020**
[13] C
[51] **Int.Cl. A61L 31/16 (2006.01) A61K 9/00 (2006.01) A61L 31/08 (2006.01) B05D 1/02 (2006.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM AND METHOD OF MANUFACTURING THEREOF**
[54] **SYSTEME DE DELIVRANCE DE MEDICAMENTS ET SON PROCEDE DE FABRICATION**
[72] BLINN, STEPHEN M., US
[72] SVRLUGA, RICHARD C., US
[73] EXOGENESIS CORPORATION, US
[85] 2008-07-22
[86] 2007-02-07 (PCT/US2007/061787)
[87] (WO2007/092894)
[30] US (11/349,483) 2006-02-07
[30] US (11/550,069) 2006-10-17

[11] **2,638,227**
[13] C
[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] FR
[54] **METHOD FOR EVALUATING A FLOW SHEET FOR AN UNDERGROUND DEPOSIT TAKING UNCERTAINTIES INTO ACCOUNT**
[54] **METHODE POUR EVALUER UN SCHEMA DE PRODUCTION D'UN GISEMENT SOUTERRAIN EN TENANT COMPTE DES INCERTITUDES**
[72] BUSBY, DANIEL, FR
[72] FERAILLE, MATHIEU, FR
[72] ROMARY, THOMAS, FR
[72] TOUZANI, SAMIR, FR
[73] IFP ENERGIES NOUVELLES, FR
[86] (2638227)
[87] (2638227)
[22] 2008-08-01
[30] FR (07/05.740) 2007-08-06

[11] **2,638,719**
[13] C
[51] **Int.Cl. A63C 19/04 (2006.01) A63B 6/00 (2006.01) A63B 6/02 (2006.01) B32B 5/18 (2006.01)**
[25] EN
[54] **PLAYING SURFACE AND METHOD OF MANUFACTURING A PLAYING SURFACE**
[54] **SURFACE DE JEU ET PROCEDE DE FABRICATION DE LADITE SURFACE**
[72] FOXON, STEVE, GB
[72] MCLAREN, NICHOLAS JAMES, GB
[73] NOTTS SPORT LIMITED, GB
[86] (2638719)
[87] (2638719)
[22] 2008-08-14

[11] **2,638,861**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/53 (2006.01) G01N 33/548 (2006.01) G01N 33/76 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **ASSAY DEVICE WITH SHARED ZONES**
[54] **DISPOSITIF D'ESSAI DE SUBSTANCE A ANALYSER AVEC ZONES PARTAGEES**
[72] SHARROCK, STEPHEN PAUL, GB
[73] ALERE SWITZERLAND GMBH, CH
[86] (2638861)
[87] (2638861)
[22] 2008-08-19
[30] GB (0717045.9) 2007-09-01
[30] US (60/991,543) 2007-11-30
[30] GB (0809994.7) 2008-05-31

[11] **2,643,069**
[13] C
[51] **Int.Cl. B09B 3/00 (2006.01) B01J 2/12 (2006.01) B09C 1/08 (2006.01) C04B 18/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF SECONDARY AGGREGATES**
[54] **FABRICATION D'AGREGATS SECONDAIRES**
[72] HILLS, COLIN DOUGLAS, GB
[72] CAREY, PAULA JILLIAN, GB
[73] UNIVERSITY OF GREENWICH, GB
[85] 2008-08-20
[86] 2007-02-21 (PCT/GB2007/050077)
[87] (WO2007/096671)
[30] GB (0603443.3) 2006-02-21

[11] **2,643,920**
[13] C
[51] **Int.Cl. G01D 5/12 (2006.01) G01D 5/16 (2006.01) G01K 7/24 (2006.01) G08C 19/00 (2006.01) F24C 15/00 (2006.01)**
[25] EN
[54] **ANALOG SENSORS BUS**
[54] **BUS DE CAPTEURS ANALOGIQUE**
[72] PARACHINI, DAVIDE, IT
[72] GUTTIERREZ, DIEGO NEFTALI, IT
[73] WHIRLPOOL CORPORATION, US
[86] (2643920)
[87] (2643920)
[22] 2008-11-17
[30] EP (07121282.3) 2007-11-22

[11] **2,645,307**
[13] C
[51] **Int.Cl. C09D 5/00 (2006.01) C09D 7/00 (2006.01)**
[25] EN
[54] **COAT OR COATING TO COUNTERACT CRYSTALLINE DEPOSITS**
[54] **COUCHE OU REVETEMENT AGISSANT CONTRE DES DEPOTS CRISTALLINS**
[72] FABER, STEFAN, DE
[72] SCHILLO, BERNHARD, DE
[72] BINKLE, OLAF, DE
[72] NONNINGER, RALPH, DE
[72] LANG, DIMITRINA, DE
[72] HOPF, JUERGEN, DE
[72] KLEINE JAEGER, FRANK, DE
[72] RUMPF, BERND, DE
[72] FOERSTER, MARKUS, DE
[73] ITN NANOVATION AG, DE
[73] BASF SE, DE
[85] 2008-09-10
[86] 2007-03-07 (PCT/EP2007/002002)
[87] (WO2007/104467)
[30] DE (102006012906.7) 2006-03-10

[11] **2,645,365**
[13] C
[51] **Int.Cl. A61K 39/085 (2006.01) A61K 31/715 (2006.01) A61P 31/04 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **TYPE 5 AND TYPE 8 CAPSULAR POLYSACCHARIDES OF SUPERPRODUCING STAPHYLOCOCCUS AUREUS STRAINS**
[54] **POLYSACCHARIDES CAPSULAIRES DE TYPE 5 ET DE TYPE 8 DES SOUCHES SURPRODUCTRICES DE STAPHYLOCOCCUS AUREUS**
[72] TALAGA, PHILIPPE, FR
[72] ADAM, OLIVIER, FR
[72] ROKBI, BACHRA, FR
[72] MERIC, CLAUDE, FR
[72] MISTRETTA, NOELLE, FR
[73] SANOFI PASTEUR, FR
[85] 2008-09-10
[86] 2007-03-30 (PCT/FR2007/000550)
[87] (WO2007/118979)
[30] FR (0602795) 2006-03-31

[11] **2,648,026**
[13] C
[51] **Int.Cl. C01B 3/00 (2006.01) C01B 3/50 (2006.01) C25B 1/02 (2006.01) C25B 15/00 (2006.01)**
[25] EN
[54] **STORING AND TRANSPORTING ENERGY IN PUMPABLE HYDROGEN STORAGE FLUID**
[54] **STOCKAGE ET TRANSPORT D'ENERGIE DANS UN FLUIDE DE STOCKAGE D'HYDROGENE POMPABLE**
[72] MCCLAINE, ANDREW W., US
[72] BROWN, KENNETH, US
[73] SAFE HYDROGEN, LLC, US
[85] 2008-09-29
[86] 2007-03-16 (PCT/US2007/064129)
[87] (WO2007/117858)
[30] US (11/392,149) 2006-03-29

[11] **2,649,303**
[13] C
[51] **Int.Cl. C07K 14/505 (2006.01) A61K 38/00 (2006.01) A61K 38/16 (2006.01) C07K 1/00 (2006.01) C07K 1/04 (2006.01) C07K 1/06 (2006.01) C07K 1/10 (2006.01) C07K 1/107 (2006.01) C07K 14/00 (2006.01) C08B 37/00 (2006.01) C07H 15/00 (2006.01) C07K 7/50 (2006.01) C07K 7/64 (2006.01) C07K 9/00 (2006.01) C08G 69/04 (2006.01)**
[25] EN
[54] **HOMOGENEOUS ERYTHROPOIETIN AND OTHER PEPTIDES AND PROTEINS, METHODS AND INTERMEDIATES FOR THEIR PREPARATION**
[54] **ERYTHROPOIETINE HOMOGENE ET AUTRES PEPTIDES ET PROTEINES, METHODES ET INTERMEDIAIRES DESTINES A LEUR PREPARATION**
[72] DANISHEFSKY, SAMUEL J., US
[72] WARREN, J. DAVID, US
[72] CHEN, JIEHAO, US
[72] WU, BIN, US
[72] CHEN, GONG, US
[72] WAN, QIAN, US
[72] TAN, ZHONGPING, US
[72] KAN, CINDY, US
[72] YUAN, YU, US
[72] HUA, ZIHAO, US
[72] RANGANATHAN, KRISHNAKUMAR, US
[72] TRZUPEK, JOHN D., US
[73] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
[85] 2008-10-10
[86] 2007-04-11 (PCT/US2007/008764)
[87] (WO2007/120614)
[30] US (60/791,614) 2006-04-11
[30] US (60/841,678) 2006-08-31

[11] **2,650,412**
[13] C
[51] **Int.Cl. A61N 1/30 (2006.01) A61K 9/70 (2006.01) A61K 31/4045 (2006.01) A61K 31/454 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **TRANSDERMAL METHODS AND SYSTEMS FOR THE DELIVERY OF ANTI-MIGRAINE COMPOUNDS**
[54] **METHODES ET SYSTEMES TRANSDERMIQUES D'ADMINISTRATION DE COMPOSES ANTI-MIGRAINE**
[72] ANDERSON, CARTER R., US
[72] MORRIS, RUSSELL L., US
[72] SEBREE, TERRI B., US
[73] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
[85] 2008-10-08
[86] 2007-04-12 (PCT/US2007/009000)
[87] (WO2007/120747)
[30] US (60/791,819) 2006-04-13
[30] US (60/814,131) 2006-06-16

[11] **2,651,491**
[13] C
[51] **Int.Cl. A61K 8/895 (2006.01) A61K 8/06 (2006.01) C08L 83/07 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS UTILIZING ACRYLATE CROSS LINKED SILICONE COPOLYMER NETWORKS**
[54] **COMPOSITIONS COSMETIQUES UTILISANT DES RESEAUX DE COPOLYMERES DE SILICONE ACRYLATE RETICULES**
[72] NICHOLSON, JOHN, US
[72] CZECH, ANNA MARIA, US
[72] HOONTRAKUL, PAT, US
[72] LU, NING, US
[73] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2008-10-30
[86] 2007-05-01 (PCT/US2007/010643)
[87] (WO2007/130460)
[30] US (60/746,079) 2006-05-01
[30] US (11/742,190) 2007-04-30

[11] **2,653,814**
[13] C
[51] **Int.Cl. E21B 23/14 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **CARRIER ASSEMBLY FOR A PIPE CONVEYED WELL LOGGING ASSEMBLY**
[54] **ENSEMBLE DE TRANSPORT D'UN ENSEMBLE DE DIAGRAPHIE DES PUITS TRANSPORTE DANS UN TUBE**
[72] BISSONNETTE, HAROLD STEVEN, US
[72] SHEIRETOV, TODOR K., US
[72] DEL CAMPO, CHRISTOPHER S., US
[72] MCCOY, MATTHEW, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2653814)
[87] (2653814)
[22] 2009-02-11
[30] US (61/065,666) 2008-02-14
[30] US (61/065,718) 2008-02-14
[30] US (61/065,719) 2008-02-14
[30] US (12/367,623) 2009-02-09

[11] **2,653,961**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **ASSEMBLIES, SYSTEMS, AND METHODS FOR VACUUM ASSISTED INTERNAL DRAINAGE DURING WOUND HEALING**
[54] **ASSEMBLAGES, SYSTEMES ET METHODES POUR ASPIRATION ASSISTEE DE DRAINAGE INTERNE PENDANT LA CICATRISATION D'UNE PLAIE**
[72] BENGTSON, BRADLEY P., US
[72] MCGUIRE, PATRICIA ANN, US
[73] BENGTSON, BRADLEY P., US
[73] MCGUIRE, PATRICIA ANN, US
[85] 2008-11-28
[86] 2007-06-04 (PCT/US2007/013088)
[87] (WO2007/143179)
[30] US (60/810,733) 2006-06-02
[30] US (11/646,918) 2006-12-28

[11] **2,654,866**
[13] C
[51] **Int.Cl. H04H 20/10 (2009.01) H04H 20/00 (2009.01) H04H 20/28 (2009.01) H04H 60/66 (2009.01) G06Q 30/02 (2012.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUCTIONING AVAILS**
[54] **SYSTEME ET PROCEDE POUR LA VENTE PAR ADJUDICATION DE MESSAGES DE DIFFUSION DE CONTENU**
[72] WILSON, DANIEL C., CA
[72] SHEEHAN, PATRICK, US
[73] INVIDI TECHNOLOGIES CORPORATION, US
[85] 2008-12-09
[86] 2007-06-12 (PCT/US2007/071043)
[87] (WO2007/146960)
[30] US (60/804,459) 2006-06-12
[30] US (11/761,965) 2007-06-12

[11] **2,656,351**
[13] C
[51] **Int.Cl. H02G 3/08 (2006.01) H02G 3/16 (2006.01)**
[25] EN
[54] **ELASTOMERIC PORTABLE ELECTRICAL OUTLET BOX**
[54] **BOITE A PRISES ELECTRIQUES ELASTOMERIQUE PORTATIVE**
[72] VIGORITO, THOMAS J., US
[72] SCANZILLO, THOMAS L., US
[73] HUBBELL INCORPORATED, US
[86] (2656351)
[87] (2656351)
[22] 2009-02-24
[30] US (12/043,326) 2008-03-06

[11] **2,656,668**
[13] C
[51] **Int.Cl. B65D 19/38 (2006.01) B65D 21/00 (2006.01)**
[25] EN
[54] **TOP CAP**
[54] **COIFFE SOMMITALE**
[72] BANIK, JOACHIM, US
[73] ORBIS CORPORATION, US
[86] (2656668)
[87] (2656668)
[22] 2009-02-27
[30] US (12/039,293) 2008-02-28

[11] **2,657,881**
[13] C
[51] **Int.Cl. F24C 15/02 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **FULL GLASS OVEN DOOR**
[54] **PORTE DE FOUR ENTIEREMENT VITREE**
[72] VENEZIA, MICHELE, IT
[72] GIULIANI, MARCO, IT
[72] MAZZETTI, CRISTINA, IT
[73] WHIRLPOOL CORPORATION, US
[86] (2657881)
[87] (2657881)
[22] 2009-03-11
[30] EP (EP 08103474.6) 2008-04-10

[11] **2,658,372**
[13] C
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/22 (2006.01) A47L 5/24 (2006.01) A47L 5/28 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2658372)
[87] (2658372)
[22] 2009-03-13

[11] **2,660,183**
[13] C
[51] **Int.Cl. C07K 4/12 (2006.01) A61K 38/03 (2006.01)**
[25] EN
[54] **PEPTIDES HAVING PHARMACOLOGICAL ACTIVITY FOR TREATING DISORDERS ASSOCIATED WITH ALTERED CELL MIGRATION, SUCH AS CANCER**
[54] **PEPTIDES AYANT UNE ACTIVITE PHARMACOLOGIQUE POUR LE TRAITEMENT DE TROUBLES ASSOCIES A LA MIGRATION DE CELLULES ALTEREES, TELS QUE LE CANCER**
[72] CARRIERO, MARIA VINCENZA, IT
[72] DE ROSA, MARIO, IT
[72] PAVONE, VINCENZO, IT
[73] PHARMAPHELIX S.R.L., IT
[85] 2009-02-06
[86] 2007-07-19 (PCT/EP2007/006424)
[87] (WO2008/017372)
[30] IT (MI2006A001607) 2006-08-09

[11] **2,660,381**
[13] C
[51] **Int.Cl. G01N 15/00 (2006.01) G01N 11/02 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING FLUID PROPERTIES**
[54] **SYSTEMES ET PROCEDES DE MESURE DES PROPRIETES D'UN FLUIDE**
[72] SUKAVANESHVAR, SIVAPRASAD, US
[72] RHODES, JOHNNY, US
[72] THEKKEDATH, RAMACHANDRAN, US
[73] THROMBODYNE, INC., US
[85] 2009-02-09
[86] 2007-08-15 (PCT/US2007/018229)
[87] (WO2008/021479)
[30] US (11/504,970) 2006-08-15

---

[11] **2,660,434**
[13] C
[51] **Int.Cl. A61L 15/32 (2006.01) A61L 15/40 (2006.01)**
[25] EN
[54] **USE OF GINGIVAL FIBROBLASTS FOR TREATING A SKIN WOUND**
[54] **UTILISATION DES FIBROBLASTES GINGIVAUX POUR LE TRAITEMENT D'UNE PLAIE CUTANEE**
[72] GOGLY, BRUNO, FR
[72] COULOMB, BERNARD, FR
[72] LAFONT, ANTOINE, FR
[73] INSERM, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[73] UNIVERSITE PARIS DESCARTES, FR
[85] 2009-02-09
[86] 2007-08-07 (PCT/IB2007/002264)
[87] (WO2008/017927)
[30] US (60/836,671) 2006-08-10

---

[11] **2,660,965**
[13] C
[51] **Int.Cl. G08B 21/00 (2006.01) G08G 1/00 (2006.01)**
[25] EN
[54] **EMERGENCY SIGNAL INTERCEPTING UNIT**
[54] **UNITE D'INTERCEPTION DE SIGNAL D'URGENCE**
[72] BOSCACCI, ANTHONY JOSEPH, AU
[73] NFA INNOVATIONS PTY LTD, AU
[85] 2009-02-17
[86] 2007-08-07 (PCT/AU2007/001109)
[87] (WO2008/019424)
[30] AU (2006203590) 2006-08-18

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[11] **2,661,235**
[13] C
[51] **Int.Cl. B60K 15/05 (2006.01) B60K 15/035 (2006.01)**
[25] EN
[54] **FUEL CAP APPARATUS FOR USE WITH FUEL VENTING SYSTEMS**
[54] **BOUCHON DE RESERVOIR DE CARBURANT POUR SYSTEMES DE MISE A L'AIR LIBRE DUDIT CARBURANT**
[72] WHELAN, SEAN, US
[72] HOVINGA, STEVEN E., US
[73] BRUNSWICK CORPORATION, US
[86] (2661235)
[87] (2661235)
[22] 2009-04-02
[30] US (12/061,183) 2008-04-02

---

[11] **2,662,571**
[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/506 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING NILOTINIB**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU NILOTINIB**
[72] BRUNEAU, NATHALIE, FR
[73] NOVARTIS AG, CH
[85] 2009-03-05
[86] 2007-09-25 (PCT/EP2007/060165)
[87] (WO2008/037716)
[30] EP (06121371.6) 2006-09-27

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[11] **2,664,067**
[13] C
[51] **Int.Cl. F04C 15/06 (2006.01) F04C 2/344 (2006.01) F04C 14/22 (2006.01)**
[25] EN
[54] **VARIABLE DISPLACEMENT VANE PUMP WITH ENHANCED DISCHARGE PORT**
[54] **POMPE A PALETTES A CYLINDREE VARIABLE AVEC ORIFICE DE DECHARGE AMELIORE**
[72] WILLIAMSON, MATTHEW, CA
[72] SHULVER, DAVID R., CA
[72] TANASUCA, CEZAR, CA
[73] MAGNA POWERTRAIN INC., CA
[86] (2664067)
[87] (2664067)
[22] 2009-04-24
[30] US (61/047,801) 2008-04-25

---

[11] **2,664,081**
[13] C
[51] **Int.Cl. A01K 1/06 (2006.01)**
[25] EN
[54] **HEAD RESTRAINT FOR ANIMAL CONTROL CHUTE**
[54] **APPUI-TETE POUR DESCENTE A CONTROLE D'ANIMAUX**
[72] KERNS, RUSSELL W., US
[73] BLACK HILLS AGRICULTURAL EQUIPMENT INCORPORATED, US
[86] (2664081)
[87] (2664081)
[22] 2009-04-24
[30] US (61/047,900) 2008-04-25

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[11] **2,664,457**
[13] C
[51] **Int.Cl. F16H 57/04 (2010.01) F16H 41/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR SELECTIVELY ROUTING TRANSMISSION FLUID TO A TORQUE CONVERTER**
[54] **SYSTEME D'ACHEMINEMENT SELECTIF D'UN LIQUIDE DE TRANSMISSION A UN CONVERTISSEUR DE COUPLE**
[72] LONG, CHARLES F., US
[73] ALLISON TRANSMISSION, INC., US
[86] (2664457)
[87] (2664457)
[22] 2009-04-24
[30] US (12/109,931) 2008-04-25

[11] **2,668,403**
[13] C
[51] **Int.Cl. H02K 33/00 (2006.01) A47K 7/02 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **OSCILLATING MOTOR FOR A PERSONAL CARE APPLIANCE**
[54] **MOTEUR OSCILLANT POUR UN APPAREIL DE SOINS PERSONNELS**
[72] REISHUS, RICHARD A., US
[72] MEGINNISS STEPHEN M., III, US
[72] PILCHER, KENNETH A., US
[73] L'OREAL, FR
[85] 2009-05-01
[86] 2007-11-02 (PCT/US2007/083524)
[87] (WO2008/058030)
[30] US (11/556,282) 2006-11-03

[11] **2,669,766**
[13] C
[51] **Int.Cl. A61H 37/00 (2006.01)**
[25] FR
[54] **MASSAGE HEAD AND MASSAGE APPARATUS USING SUCH A HEAD**
[54] **TETE DE MASSAGE ET APPAREIL DE MASSAGE METTANT EN OEUVRE UNE TELLE TETE**
[72] FUSTER, ARNAUD, FR
[73] LPG FINANCE INDUSTRIE, FR
[86] (2669766)
[87] (2669766)
[22] 2009-06-17
[30] FR (0855487) 2008-08-08

[11] **2,670,043**
[13] C
[51] **Int.Cl. H04W 88/02 (2009.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **APPARATUS, AND ASSOCIATED METHOD, FOR ALERTING A USER OF A MOBILE STATION OF A RECEIVED DATA MESSAGE**
[54] **APPAREIL ET PROCEDE ASSOCIE POUR ALERTER UN UTILISATEUR D'UNE STATION MOBILE D'UN MESSAGE DE DONNEES RECU**
[72] LACEY, JON-DAVID, CA
[72] PAAS, JULIAN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2009-05-19
[86] 2007-11-21 (PCT/CA2007/002104)
[87] (WO2008/061361)
[30] EP (06124591.6) 2006-11-22

[11] **2,670,889**
[13] C
[51] **Int.Cl. B65D 1/02 (2006.01) B65D 23/00 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT, HIGH STRENGTH BOTTLE**
[54] **BONBONNE LEGERE A HAUTE RESISTANCE**
[72] COLEY, RALPH T., JR., US
[72] KLEINRATH, ROBERT, US
[72] WITHAM, DANIEL L., US
[72] MOMANY, TRACY, US
[72] RYAN, DAVID, US
[72] SASAKI, MASAAKI, US
[72] IIZUKA, TAKAO, US
[72] LANE, MICHAEL T., US
[73] OCEAN SPRAY CRANBERRIES, INC., US
[86] (2670889)
[87] (2670889)
[22] 2009-06-30

[11] **2,672,666**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **CROSS CHANNEL OPTIMIZATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION DE CANAL TRANSVERSAL**
[72] PHILLIPS, HIKARU, AU
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2009-06-12
[86] 2007-12-12 (PCT/US2007/087200)
[87] (WO2008/076741)
[30] US (60/870,217) 2006-12-15

[11] **2,675,406**
[13] C
[51] **Int.Cl. H01F 27/02 (2006.01) H01F 21/12 (2006.01)**
[25] EN
[54] **TAP CHANGER SWITCH**
[54] **COMMUTATEUR A PRISES**
[72] LINDSEY, KURT LAWRENCE, US
[72] MALLIET, RANDAL VERNON, US
[72] RACHWAL, RICK ALAN, US
[72] PRIDE, PATRICK HAROLD, US
[73] COOPER TECHNOLOGIES COMPANY, US
[86] (2675406)
[87] (2675406)
[22] 2009-08-13
[30] US (12/191,761) 2008-08-14

[11] **2,675,407**
[13] C
[51] **Int.Cl. H01F 27/02 (2006.01) H01F 21/12 (2006.01)**
[25] EN
[54] **DUAL VOLTAGE SWITCH**
[54] **COMMUTATEUR DOUBLE TENSION**
[72] LINDSEY, KURT LAWRENCE, US
[72] MALLIET, RANDAL VERNON, US
[72] RACHWAL, RICK ALAN, US
[72] PRIDE, PATRICK HAROLD, US
[73] COOPER TECHNOLOGIES COMPANY, US
[86] (2675407)
[87] (2675407)
[22] 2009-08-13
[30] US (12/191,750) 2008-08-14

[11] **2,676,773**
[13] C
[51] **Int.Cl. F23R 3/28 (2006.01) F02C 7/22 (2006.01)**
[25] EN
[54] **FUEL INJECTOR**
[54] **INJECTEUR**
[72] TOON, IAN JAMES, GB
[73] ROLLS-ROYCE PLC, GB
[86] (2676773)
[87] (2676773)
[22] 2009-08-26
[30] GB (0820560.1) 2008-11-11

[11] **2,677,168**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **PTERIDINONE DERIVATIVES AS PI3-KINASES INHIBITORS**
[54] **DERIVES DE PTERIDINONE SERVANT D'INHIBITEURS DES PI3-KINASES**
[72] GIOVANNINI, RICCARDO, DE
[72] FRATTINI, SARA, DE
[72] BRANDL, TRIXI, DE
[72] BREITFELDER, STEFFEN, DE
[72] CEREDA, ENZO, DE
[72] GRAUERT, MATTHIAS, DE
[72] HOFFMANN, MATTHIAS, DE
[72] JOERGENSEN, ANNE T., DE
[72] MAIER, UDO, DE
[72] PAUTSCH, ALEXANDER, DE
[72] QUAI, MONICA, DE
[72] SCHEUERER, STEFAN, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2009-07-31
[86] 2008-01-28 (PCT/EP2008/050986)
[87] (WO2008/092831)
[30] EP (07101544.0) 2007-02-01

---

[11] **2,679,334**
[13] C
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/558 (2006.01) G01N 33/74 (2006.01) G01N 33/76 (2006.01)**
[25] EN
[54] **DIAGNOSTIC DETECTION DEVICE**
[54] **DISPOSITIF DE DETECTION POUR DIAGNOSTIC**
[72] NAZARETH, ALBERT, US
[72] SNOWDEN, TIMOTHY, US
[72] CHENG, YEA-SHUN, US
[73] CHURCH & DWIGHT CO., INC., US
[85] 2009-08-27
[86] 2008-02-29 (PCT/US2008/055535)
[87] (WO2008/106650)
[30] US (11/681,061) 2007-03-01

---

[11] **2,683,921**
[13] C
[51] **Int.Cl. E04H 9/10 (2006.01)**
[25] EN
[54] **PROTECTIVE SHELTER**
[54] **ABRI PROTECTEUR**
[72] HESELDEN, JAMES, GB
[73] HESCO BASTION LIMITED, GB
[85] 2009-10-09
[86] 2008-04-18 (PCT/GB2008/050275)
[87] (WO2008/139211)
[30] GB (0709319.8) 2007-05-15
[30] GB (0709569.8) 2007-05-18
[30] GB (0800652.0) 2008-01-15
[30] GB (0803661.8) 2008-02-28

---

[11] **2,683,951**
[13] C
[51] **Int.Cl. H04B 10/291 (2013.01) H01S 3/067 (2006.01) H01S 3/091 (2006.01)**
[25] EN
[54] **OPTICAL FIBRE AMPLIFIER**
[54] **AMPLIFICATEUR DE FIBRE OPTIQUE**
[72] GONTHIER, FRANCOIS, CA
[72] VILLENEUVE, ALAIN, CA
[73] GENIA PHOTONICS INC., CA
[85] 2009-10-15
[86] 2008-04-17 (PCT/CA2008/000813)
[87] (WO2008/128359)
[30] US (60/907,831) 2007-04-18

---

[11] **2,685,538**
[13] C
[51] **Int.Cl. F24J 1/00 (2006.01)**
[25] EN
[54] **A METHOD OF GENERATING HEAT**
[54] **PROCEDE DE GENERATION DE CHALEUR**
[72] COLLINS, MARK, GB
[73] COLLINS, MARK, GB
[85] 2009-10-28
[86] 2008-02-25 (PCT/GB2008/000630)
[87] (WO2008/102164)
[30] GB (0703612.2) 2007-02-23

---

[11] **2,686,159**
[13] C
[51] **Int.Cl. H04W 8/26 (2009.01) H04W 8/22 (2009.01) H04W 52/08 (2009.01) H04W 74/08 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **PRE-ALLOCATED RANDOM ACCESS IDENTIFIERS**
[54] **IDENTIFICATEURS D'ACCES ALEATOIRE PRE-ATTRIBUES**
[72] BOURLAS, YAIR, US
[72] NEWHAM, ADAM, US
[72] WANG, LEI, US
[72] GUMMADI, SRIKANTH, US
[73] WI-LAN, INC., CA
[85] 2009-11-03
[86] 2007-08-03 (PCT/US2007/075212)
[87] (WO2008/027696)
[30] US (11/469,794) 2006-09-01

---

[11] **2,686,353**
[13] C
[51] **Int.Cl. A22C 11/00 (2006.01)**
[25] EN
[54] **CUTTING VALVE AND METHOD FOR MAKING PORTIONS**
[54] **ROBINET DE COUPE ET PROCEDE DE FABRICATION DE PORTIONS**
[72] MAILE, BERND, DE
[73] ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG, DE
[86] (2686353)
[87] (2686353)
[22] 2009-11-24
[30] EP (09001826.8) 2009-02-10

---

[11] **2,687,167**
[13] C
[51] **Int.Cl. A61B 5/15 (2006.01)**
[25] EN
[54] **PRICKING SYSTEM**
[54] **SYSTEME DE PIQURE**
[72] KONYA, AHMET, DE
[72] HARTTIG, HERBERT, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2009-11-12
[86] 2008-04-23 (PCT/EP2008/003242)
[87] (WO2008/138455)
[30] EP (07009744.9) 2007-05-16

[11] **2,687,968**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/48 (2006.01) A61K 47/02 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **STABILIZED THROMBIN COMPOSITIONS**
[54] **COMPOSITIONS DE THROMBINE STABILISEES**
[72] SENDEROFF, RICHARD I., US
[72] JIANG, SHAN, US
[73] ZYMOGENETICS, INC., US
[85] 2009-11-23
[86] 2008-06-13 (PCT/US2008/066850)
[87] (WO2008/157304)
[30] US (60/944,224) 2007-06-15

---

[11] **2,688,740**
[13] C
[51] **Int.Cl. G01D 4/02 (2006.01) H04W 4/04 (2009.01) H04W 12/10 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **FILTERING OF METER READING DATA**
[54] **FILTRAGE DE DONNEES DE LECTURE D'UN COMPTEUR**
[72] JOHNSON, MATTHEW, US
[72] CORNWALL, MARK K., US
[73] ITRON, INC., US
[86] (2688740)
[87] (2688740)
[22] 2009-12-16
[30] US (12/362,451) 2009-01-29

---

[11] **2,690,195**
[13] C
[51] **Int.Cl. H04W 40/24 (2009.01) H04W 36/32 (2009.01) H04W 48/14 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR NEIGHBOR DISCOVERY OF BASE STATIONS IN A COMMUNICATION SYSTEM**
[54] **PROCEDES ET APPAREIL POUR UNE DECOUVERTE DE VOISINAGE DES STATIONS DE BASE DANS UN SYSTEME DE COMMUNICATION**
[72] TINNAKORNSRISUPHAP, PEERAPOL, US
[72] OTT, DAVID, US
[72] ULUPINAR, FATIH, US
[72] PRAKASH, RAJAT, US
[73] QUALCOMM INCORPORATED, US
[85] 2009-12-08
[86] 2008-06-17 (PCT/US2008/067224)
[87] (WO2008/157545)
[30] US (60/944,711) 2007-06-18
[30] US (12/136,495) 2008-06-10

---

[11] **2,690,808**
[13] C
[51] **Int.Cl. A61B 34/30 (2016.01) A61B 10/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF ACTUATION IN ROBOTIC DEVICES**
[54] **PROCEDES ET SYSTEMES D'ACTIONNEMENT DANS DES DISPOSITIFS ROBOTIQUES**
[72] FARRITOR, SHANE, US
[72] RENTSCHLER, MARK, US
[72] LEHMAN, AMY, US
[72] PLATT, STEPHEN, US
[72] HAWKS, JEFF, US
[73] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2009-12-14
[86] 2008-07-11 (PCT/US2008/069822)
[87] (WO2009/014917)
[30] US (60/949,390) 2007-07-12
[30] US (60/949,391) 2007-07-12
[30] US (60/990,076) 2007-11-26
[30] US (61/025,346) 2008-02-01

---

[11] **2,691,044**
[13] C
[51] **Int.Cl. C12Q 1/02 (2006.01) G01N 33/15 (2006.01)**
[25] EN
[54] **METHODS AND KITS FOR TESTING THE EFFICACY OF THERAPEUTIC COMPOUNDS AND OTHER THERAPIES IN A THREE-DIMENSIONAL MATRIX WITH RESPECT TO TUMOROUS CELLS AND TISSUE**
[54] **PROCEDES ET TROUSSES POUR TESTER L'EFFICACITE DE COMPOSES THERAPEUTIQUES ET D'AUTRES THERAPIES DESTINES A DES CELLULES ET DES TISSUS TUMORAUX DANS UNE MATRICE TRIDIMENSIONNELLE**
[72] COSTELLO, PENELOPE, CA
[72] MCDONALD, WARREN, CA
[73] COSTELLO, PENELOPE, CA
[73] MCDONALD, WARREN, CA
[85] 2009-12-14
[86] 2007-06-15 (PCT/IB2007/003494)
[87] (WO2008/012696)
[30] US (-) 2007-06-13

---

[11] **2,691,224**
[13] C
[51] **Int.Cl. H04B 7/005 (2006.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **WIRELESS TRANSCEIVER WITH REDUCED TRANSMIT EMISSIONS**
[54] **EMETTEUR-RECEPTEUR SANS FIL AVEC DES EMISSIONS DE TRANSITION REDUITES**
[72] GUMMADI, SRIKANTH, US
[72] WANG, LEI, US
[72] HOSSEINI, WALID, US
[72] SUTTON, TODD, US
[73] WI-LAN, INC., CA
[85] 2009-12-18
[86] 2008-01-15 (PCT/US2008/051064)
[87] (WO2008/089176)
[30] US (11/625,254) 2007-01-19

[11] **2,692,613**
[13] C
[51] **Int.Cl. F02B 37/04 (2006.01)**
[25] EN
[54] **COMPRESSED-AIR SYSTEM**
[54] **SYSTEME A AIR COMPRIME**
[72] GERUM, EDUARD, DE
[72] MAYR, MATHIAS, DE
[72] NEMETH, HUBA, HU
[72] HERGES, MICHAEL, DE
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
[85] 2010-01-05
[86] 2008-07-25 (PCT/EP2008/006126)
[87] (WO2009/013006)
[30] DE (10 2007 035 163.3) 2007-07-25

---

[11] **2,693,149**
[13] C
[51] **Int.Cl. H02K 1/18 (2006.01) H02K 3/32 (2006.01) H02K 3/52 (2006.01) H02K 5/18 (2006.01) H02K 9/22 (2006.01)**
[25] EN
[54] **ELECTRIC MACHINE**
[54] **MACHINE ELECTRIQUE**
[72] DE FILIPPIS, PIETRO, IT
[73] SPAL AUTOMOTIVE S.R.L., IT
[85] 2010-01-15
[86] 2008-07-23 (PCT/IB2008/002017)
[87] (WO2009/019562)
[30] IT (BO2007A000576) 2007-08-07

---

[11] **2,694,018**
[13] C
[51] **Int.Cl. G01N 1/44 (2006.01) G01N 27/416 (2006.01) G01N 33/49 (2006.01) G01N 33/84 (2006.01)**
[25] EN
[54] **MEASURING AMOUNT OF BOUND AND COMBINED NITRIC OXIDE IN BLOOD**
[54] **QUANTITE DE MESURE D'OXYDE NITRIQUE LIE ET COMBINE DANS LE SANG**
[72] STAMLER, JONATHAN S., US
[72] ANGELO, MICHAEL, US
[73] DUKE UNIVERSITY, US
[85] 2010-01-19
[86] 2008-07-15 (PCT/US2008/008630)
[87] (WO2009/014616)
[30] US (60/935,121) 2007-07-26

---

[11] **2,694,052**
[13] C
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/00 (2006.01)**
[25] EN
[54] **HIGH HARDNESS, HIGH TOUGHNESS IRON-BASE ALLOYS AND METHODS FOR MAKING SAME**
[54] **ALLIAGES A BASE DE FER DE HAUTE DURETE ET A TENACITE ELEVEE ET PROCEDES DE FABRICATION DE CES ALLIAGES**
[72] BAILEY, RONALD E., US
[72] PARAYIL, THOMAS R., US
[72] SWIATEK, GLENN J., US
[73] ATI PROPERTIES, INC., US
[85] 2010-01-19
[86] 2008-08-01 (PCT/US2008/071931)
[87] (WO2009/018522)
[30] US (60/953,269) 2007-08-01

---

[11] **2,694,854**
[13] C
[51] **Int.Cl. C07K 1/14 (2006.01) C07K 1/16 (2006.01) C07K 1/30 (2006.01) C07K 1/36 (2006.01) C07K 14/775 (2006.01) C07K 14/81 (2006.01)**
[25] EN
[54] **METHODS FOR PURIFICATION OF ALPHA-1-ANTITRYPSIN AND APOLIPOPROTEIN A-I**
[54] **PROCEDES DE PURIFICATION D'ALPHA-1-ANTITRYPSINE ET D'APOLIPOPROTEINE A-I**
[72] BRINKMAN, NATHAN, US
[72] BIGLER, DOUGLAS, US
[72] BOLLI, REINHARD, CH
[72] FOERTSCH, VRENI, CH
[73] CSL BEHRING GMBH, DE
[85] 2010-01-27
[86] 2008-08-15 (PCT/US2008/009745)
[87] (WO2009/025754)
[30] US (60/935,527) 2007-08-17

---

[11] **2,696,138**
[13] C
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **HIGHLY-VERSATILE VARIABLE-ANGLE BONE PLATE SYSTEM**
[54] **SYSTEME DE PLAQUE VISSEE A ANGLE VARIABLE HAUTEMENT POLYVALENT**
[72] CHAN, JASON S., US
[72] DELL'OCA, ALBERTO A. FERNANDEZ, UY
[73] SYNTHES USA, LLC, US
[85] 2010-02-10
[86] 2008-08-12 (PCT/US2008/072894)
[87] (WO2009/023666)
[30] US (60/955,506) 2007-08-13
[30] US (11/971,358) 2008-01-09

---

[11] **2,696,627**
[13] C
[51] **Int.Cl. A61K 47/48 (2006.01) A61P 25/28 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **PSMA BINDING LIGAND-LINKER CONJUGATES AND METHODS FOR USING**
[54] **CONJUGUES LIGAND-LIEUR DE LIAISON AU PSMA ET PROCEDES POUR UTILISER CEUX-CI**
[72] LOW, PHILIP STEWART, US
[72] KULARATNE, SUMITH A., US
[73] PURDUE RESEARCH FOUNDATION, US
[85] 2010-02-16
[86] 2008-08-15 (PCT/US2008/073375)
[87] (WO2009/026177)
[30] US (60/956,489) 2007-08-17
[30] US (61/074,358) 2008-06-20

---

[11] **2,697,034**
[13] C
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/10 (2006.01) A61P 5/48 (2006.01)**
[25] EN
[54] **ACID CONTAINING LIPID FORMULATIONS**
[54] **FORMULATIONS LIPIDIQUES A TENEUR EN ACIDE**
[72] NISTOR, CATALIN, SE
[72] JOHNSSON, MARKUS, SE
[72] TIBERG, FREDRIK, SE
[73] CAMURUS AB, SE
[85] 2010-02-19
[86] 2008-08-22 (PCT/GB2008/002857)
[87] (WO2009/024795)
[30] GB (0716385.0) 2007-08-22

[11] **2,697,825**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/55 (2006.01) A61K 31/5517 (2006.01) A61K 47/10 (2006.01) A61K 47/14 (2006.01) A61K 47/22 (2006.01)**
[25] EN
[54] **NON-AQUEOUS PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES NON AQUEUSES**
[72] WATTS, PETER JAMES, GB
[72] CHENG, YU-HUI, GB
[72] SMITH, ALAN, GB
[72] CASTILE, JONATHAN, GB
[73] ARCHIMEDES DEVELOPMENT LIMITED, GB
[85] 2010-02-25
[86] 2008-08-29 (PCT/GB2008/002940)
[87] (WO2009/027697)
[30] EP (07253433.2) 2007-08-31
[30] GB (0718318.9) 2007-09-20

[11] **2,698,202**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR IDENTIFYING OCULOSKELETAL DYSPLASIA IN DOGS**
[54] **METHODE PERMETTANT D'IDENTIFIER UNE DYSPLASIE OCULO-SQUELETTIQUE CHEZ LES CHIENS**
[72] ACLAND, GREGORY M., US
[72] GOLDSTEIN, ORLY, US
[72] KUKEKOVA, ANNA V., US
[72] JOHNSON, JENNIFER LYNN, US
[73] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2010-03-01
[86] 2008-08-27 (PCT/US2008/074406)
[87] (WO2009/029640)
[30] US (60/968,150) 2007-08-27

[11] **2,699,202**
[13] C
[51] **Int.Cl. A61K 31/505 (2006.01) A61P 35/00 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMBINATIONS OF PHOSPHOINOSITIDE 3-KINASE INHIBITOR COMPOUNDS AND CHEMOTHERAPEUTIC AGENTS, AND METHODS OF USE**
[54] **COMBINAISONS DE COMPOSES INHIBITEURS DES PHOSPHOINOSITIDE 3-KINASES ET AGENTS CHIMIOTHERAPEUTIQUES, ET LEURS PROCEDES D'UTILISATION**
[72] BELVIN, MARCIA, US
[72] FRIEDMAN, LORI, US
[72] HOEFLICH, KLAUS, US
[72] SAMPATH, DEEPAK, US
[72] VIJAPURKAR, ULKA, US
[72] WALLIN, JEFFREY, US
[72] JOHNSON, LEISA, US
[72] SINGH, MALLIKA, US
[72] PATEL, SONAL, GB
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] GENENTECH, INC., US
[85] 2010-03-09
[86] 2008-09-10 (PCT/US2008/075883)
[87] (WO2009/036082)
[30] US (60/971,773) 2007-09-12

[11] **2,699,903**
[13] C
[51] **Int.Cl. C04B 14/04 (2006.01)**
[25] EN
[54] **CEMENTITIOUS FORMULATIONS AND PRODUCTS**
[54] **FORMULATIONS ET PRODUITS CIMENTAIRES**
[72] FENG, XIANGDONG, US
[72] GONG, MEILING, US
[72] GOWARDHAN, CHINMAY AVINASH, US
[72] JIANG, CHONGJUN, US
[72] JULIUS, MICHAEL JOHN, US
[72] KUMAR, AMITABHA, US
[72] LABERNIK, SHANNON MARIE, US
[72] LIU, XIANGYUAN, US
[72] MA, LIYAN, US
[72] NAJI, BASIL TAHA, US
[72] PARADIS, KALYNNE ANDREA, US
[72] SHARMAN, DAVID JOHN, US
[73] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2010-03-17
[86] 2008-10-02 (PCT/US2008/078640)
[87] (WO2009/046230)
[30] US (60/976,992) 2007-10-02

[11] **2,700,458**
[13] C
[51] **Int.Cl. B41C 1/10 (2006.01) B41C 1/00 (2006.01) B41J 2/005 (2006.01) B41M 1/06 (2006.01) B41M 1/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR CONTROLLING APPLICATION OF A SUBSTANCE TO A SUBSTRATE**
[54] **APPAREILS ET PROCEDES POUR COMMANDER L'APPLICATION D'UNE SUBSTANCE SUR UN SUBSTRAT**
[72] DE JOSEPH, ANTHONY B., US
[72] CYMAN, THEODORE F., JR., US
[72] HOOK, KEVIN J., US
[72] MOSCATO, ANTHONY V., US
[72] HAAN, HENDERIKUS A., US
[73] R. R. DONNELLEY & SONS COMPANY, US
[85] 2010-03-23
[86] 2008-08-20 (PCT/US2008/009910)
[87] (WO2009/025821)
[30] US (60/965,861) 2007-08-23
[30] US (60/965,634) 2007-08-21
[30] US (60/965,753) 2007-08-22
[30] US (60/965,743) 2007-08-22
[30] US (60/965,744) 2007-08-22
[30] US (60/965,361) 2007-08-20

[11] **2,701,477**
[13] C
[51] **Int.Cl. C09K 3/10 (2006.01) B29C 73/16 (2006.01) C09K 3/12 (2006.01)**
[25] EN
[54] **IMPROVED SEALING COMPOSITION**
[54] **COMPOSITION DE COLMATAGE AMELIOREE**
[72] DOWEL, TERENCE, AU
[73] TRYDEL RESEARCH PTY. LTD., AU
[85] 2010-04-01
[86] 2008-10-09 (PCT/AU2008/001499)
[87] (WO2009/046496)
[30] AU (2007905526) 2007-10-09
[30] AU (2007905745) 2007-10-19
[30] AU (2007906682) 2007-12-07

---

[11] **2,701,640**
[13] C
[51] **Int.Cl. H04L 12/70 (2013.01) H04L 1/00 (2006.01) H04L 29/06 (2006.01) H04N 7/24 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COMMUNICATING BURST MODE ACTIVITY**
[54] **APPAREIL ET PROCEDE DE COMMUNICATION D'UNE ACTIVITE DE MODE RAFALE**
[72] CITTA, RICHARD W., US
[72] LOPRESTO, SCOTT MATTHEW, US
[72] VIRAG, DAVID EMERY, US
[72] CANFIELD, BARTH ALAN, US
[73] THOMSON LICENSING, FR
[85] 2010-04-01
[86] 2008-10-14 (PCT/US2008/011709)
[87] (WO2009/051691)
[30] US (60/998,978) 2007-10-15
[30] US (60/998,961) 2007-10-15
[30] US (60/999,040) 2007-10-15
[30] US (61/190,499) 2008-08-29
[30] US (61/190,516) 2008-08-29
[30] US (61/190,517) 2008-08-29

---

[11] **2,702,344**
[13] C
[51] **Int.Cl. C07H 15/00 (2006.01) A61K 39/39 (2006.01) A61P 37/04 (2006.01) C07H 15/04 (2006.01)**
[25] EN
[54] **ANALOGUES OF GLYCOLIPIDS USEFUL AS IMMUNOADJUVANTS**
[54] **ANALOGUES DE GLYCOLIPIDES EN TANT QU'IMMUNOADJUVANTS**
[72] PANZA, LUIGI, IT
[73] PANZA, LUIGI, IT
[85] 2010-04-09
[86] 2008-10-10 (PCT/IB2008/003263)
[87] (WO2009/060305)
[30] US (60/979,785) 2007-10-12

---

[11] **2,703,212**
[13] C
[51] **Int.Cl. B65H 26/00 (2006.01) A47K 10/38 (2006.01) B65H 43/00 (2006.01) B65H 75/02 (2006.01)**
[25] EN
[54] **DISCRIMINATING WEB MATERIAL DISPENSER**
[54] **DISTRIBUTEUR DE MATERIAU EN BANDE A DISCERNEMENT**
[72] PELLAND, MIKE, US
[72] RECKAMP, STEVE, US
[73] THE COLMAN GROUP, INC., US
[85] 2010-04-21
[86] 2008-10-22 (PCT/US2008/080793)
[87] (WO2009/055473)
[30] US (60/981,705) 2007-10-22

---

[11] **2,703,578**
[13] C
[51] **Int.Cl. B61H 1/00 (2006.01) B61H 13/00 (2006.01)**
[25] EN
[54] **RAILROAD FREIGHT CAR BRAKE BEAM STRUT ASSEMBLY AND METHOD OF MANUFACTURING SAME**
[54] **ENSEMBLE ETRESILLON DE TRIANGLE DE FREIN DE WAGON DE MARCHANDISES ET SON PROCEDE DE FABRICATION**
[72] DALMAN, JOHN A., US
[72] WEBER, MICHAEL A., US
[73] MINER ENTERPRISES, INC., US
[73] POWERBRACE CORPORATION, US
[85] 2010-04-20
[86] 2009-06-03 (PCT/US2009/003369)
[87] (WO2009/148586)
[30] US (12/157,037) 2008-06-06

---

[11] **2,703,912**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **CONTENT DISPOSITION SYSTEM AND METHOD FOR PROCESSING MESSAGE CONTENT IN A DISTRIBUTED ENVIRONMENT**
[54] **SYSTEME DE TRAITEMENT DE CONTENU ET PROCEDE POUR TRAITER LE CONTENU DE MESSAGES DANS UN ENVIRONNEMENT REPARTI**
[72] BAKKER, JAN JOHN-LUC, US
[72] BUCKLEY, ADRIAN, US
[72] ALLEN, ANDREW, US
[73] BLACKBERRY LIMITED, CA
[85] 2010-04-27
[86] 2008-10-22 (PCT/US2008/080769)
[87] (WO2009/055458)
[30] US (60/983,174) 2007-10-27
[30] US (61/015,003) 2007-12-19

---

[11] **2,704,411**
[13] C
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/28 (2006.01) A61M 1/34 (2006.01)**
[25] EN
[54] **BALANCED FLOW DIALYSIS MACHINE**
[54] **MACHINE DE DIALYSE A DEBIT EQUILIBRE**
[72] HOGARD, MICHAEL E., US
[72] BUSBY, DONALD D., US
[72] CHILDERS, ROBERT W., US
[72] DING, YUANPANG S., US
[72] HOLIAN, KATHERINE M., US
[72] JABLONSKI, MARK E., US
[72] KELLY, THOMAS D., US
[72] LO, YING-CHENG, US
[72] MALIEKKAL, SHINCY J., US
[72] ROGER, RODOLFO G., US
[72] SMITH, DONALD A., US
[72] YARDIMCI, ATIF M., US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[85] 2010-04-29
[86] 2008-10-22 (PCT/US2008/080673)
[87] (WO2009/061608)
[30] US (11/938,083) 2007-11-09

[11] **2,704,616**
[13] C
[51] **Int.Cl. B60J 1/00 (2006.01)**
[25] EN
[54] **ACOUSTICAL WINDOW ASSEMBLY FOR VEHICLE**
[54] **ENSEMBLE FENETRE ACOUSTIQUE POUR VEHICULE**
[72] SNIDER, DARIN J., US
[72] RIZZO, GREG, US
[72] GUSTAVSSON, MATS OLLE, SE
[73] MAGNA MIRRORS OF AMERICA, INC., US
[85] 2010-05-03
[86] 2008-11-06 (PCT/US2008/082583)
[87] (WO2009/061885)
[30] US (60/985,801) 2007-11-06

---

[11] **2,705,070**
[13] C
[51] **Int.Cl. F16K 31/165 (2006.01)**
[25] EN
[54] **ROTARY VALVE LEVER APPARATUS HAVING INTERCHANGEABLE SHAFT ADAPTOR INSERTS**
[54] **APPAREIL DE LEVIER DE SOUPAPE ROTATIF AYANT DES INSERTS D'ADAPTATEUR D'ARBRE INTERCHANGEABLES**
[72] MILLER, JERRY L., US
[72] BECKMAN, DENNIS V., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2010-05-06
[86] 2008-10-29 (PCT/US2008/081547)
[87] (WO2009/061646)
[30] US (11/936,561) 2007-11-07

---

[11] **2,705,259**
[13] C
[51] **Int.Cl. G07G 1/00 (2006.01) G07G 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATED SHOPPER CHECKOUT USING RADIO FREQUENCY IDENTIFICATION TECHNOLOGY**
[54] **PROCEDE ET APPAREIL DE CAISSE AUTOMATISEE, POUR UN ACHETEUR, UTILISANT LA TECHNOLOGIE D'IDENTIFICATION PAR RADIOFREQUENCES**
[72] LEWIS, JUSTIN C., US
[72] ULRICH, RICHARD B., US
[72] JONES, NICHOLAUS A., US
[72] LOWRIE, MATTHEW M., US
[73] WAL-MART STORES, INC., US
[85] 2010-05-07
[86] 2008-11-07 (PCT/US2008/082772)
[87] (WO2009/062019)
[30] US (60/996,262) 2007-11-08

---

[11] **2,705,287**
[13] C
[51] **Int.Cl. F16K 1/42 (2006.01)**
[25] EN
[54] **FLUID FLOW CONTROL DEVICE HAVING A SEAT RING RETAINER**
[54] **DISPOSITIF DE REGULATION D'ECOULEMENT DE FLUIDE COMPORTANT UN DISPOSITIF DE RETENUE DE BAGUE DE SIEGE**
[72] MCCARTY, MICHAEL, US
[72] LOVELL, MICHEL K., US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2010-05-07
[86] 2008-11-12 (PCT/US2008/083214)
[87] (WO2009/067366)
[30] US (11/943,330) 2007-11-20

---

[11] **2,705,340**
[13] C
[51] **Int.Cl. G01V 9/00 (2006.01) E21B 43/00 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANALYZING THREE-DIMENSIONAL DATA**
[54] **PROCEDE ET APPAREIL POUR ANALYSER DES DONNEES TRIDIMENSIONNELLES**
[72] WALKER, KELLY G., US
[72] CHARTRAND, TIMOTHY A., US
[72] DUNN, PAUL A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2010-05-07
[86] 2008-11-13 (PCT/US2008/083413)
[87] (WO2009/082563)
[30] US (61/008,757) 2007-12-21

---

[11] **2,705,883**
[13] C
[51] **Int.Cl. H01M 8/1039 (2016.01) H01M 8/1004 (2016.01) H01M 8/1081 (2016.01) H01M 4/86 (2006.01)**
[25] EN
[54] **FLUOROIONOMER LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE D'IONOMERE FLUORE**
[72] MERLO, LUCA, IT
[72] GHIELMI, ALESSANDRO, IT
[73] SOLVAY SOLEXIS S.P.A., IT
[85] 2010-05-14
[86] 2008-11-25 (PCT/EP2008/066152)
[87] (WO2009/068528)
[30] EP (07121502.4) 2007-11-26

[11] **2,707,278**
[13] C
[51] **Int.Cl. B07C 1/00 (2006.01)**
[25] EN
[54] **SYNTHESIS OF MAIL MANAGEMENT INFORMATION FROM PHYSICAL MAIL DATA**
[54] **SYNTHESE DE L'INFORMATION DE GESTION DU COURRIER A PARTIR DES DONNEES MATERIELLES DU COURRIER**
[72] YEUNG, YUKEE, CA
[72] FAZAL, IMTIAZ, CA
[72] DANIEL, SHANE, CA
[72] REED, JAMES, CA
[72] ZAID, SAM, CA
[73] CANADA POST CORPORATION, CA
[86] (2707278)
[87] (2707278)
[22] 2010-06-10
[30] US (12/607,430) 2009-10-28

[11] **2,707,510**
[13] C
[51] **Int.Cl. F01D 5/30 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE SEALING ON ROTOR ARRANGEMENTS**
[54] **AGENCEMENT DE ROTOR DE TURBINE**
[72] WUNDERLE, HELMAR, DE
[72] SCHLECHTRIEM, STEFAN, CH
[72] GRAF, PETER, DE
[72] GLASER, SILVIO, CH
[72] VON ARX, BEAT, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2010-02-08
[86] 2008-07-21 (PCT/EP2008/059507)
[87] (WO2009/019126)
[30] CH (01258/07) 2007-08-08

[11] **2,708,687**
[13] C
[51] **Int.Cl. F16L 59/14 (2006.01) B32B 1/08 (2006.01) B32B 7/12 (2006.01) B32B 27/36 (2006.01) B32B 33/00 (2006.01) C09D 125/04 (2006.01) E21B 17/01 (2006.01) F16L 58/02 (2006.01) F16L 58/10 (2006.01) F16L 59/10 (2006.01) F16L 59/18 (2006.01)**
[25] EN
[54] **STYRENIC INSULATION FOR PIPE**
[54] **ISOLATION EN STYRENE POUR TUYAU**
[72] JACKSON, PETER, CA
[72] JACKSON, ADAM, NO
[73] SHAWCOR LTD., CA
[85] 2010-06-10
[86] 2008-12-19 (PCT/CA2008/002254)
[87] (WO2009/079784)
[30] US (11/962,772) 2007-12-21

[11] **2,710,767**
[13] C
[51] **Int.Cl. C10L 1/08 (2006.01)**
[25] EN
[54] **ALKYLESTER FATTY ACID BLENDS AND USES THEREFOR**
[54] **MELANGES D'ACIDES GRAS ET D'ESTERS D'ALKYLE ET LEURS UTILISATIONS**
[72] KNUTH, MARK E., US
[72] BEETHAM, PETER R., US
[72] WALKER, KEITH A., US
[72] KUEBITZ, BERNHARD D., US
[73] NUCELIS INC., US
[85] 2010-06-25
[86] 2007-12-27 (PCT/US2007/026410)
[87] (WO2009/085033)

[11] **2,710,781**
[13] C
[51] **Int.Cl. A61F 2/95 (2013.01) A61B 17/12 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF DETECTING IMPLANT DETACHMENT**
[54] **SYSTEME ET PROCEDE DE DETECTION DE DETACHEMENT D'IMPLANT**
[72] TIEU, TAI D., US
[72] MARTINEZ, GEORGE, US
[73] MICROVENTION, INC., US
[85] 2010-06-18
[86] 2008-12-19 (PCT/US2008/087855)
[87] (WO2009/086214)
[30] US (61/016,180) 2007-12-21

[11] **2,710,866**
[13] C
[51] **Int.Cl. B63H 25/38 (2006.01) F16D 1/092 (2006.01)**
[25] EN
[54] **AN ARRANGEMENT FOR ATTACHING A SHIP RUDDER TO A RUDDER SHAFT, A RUDDER SHAFT, A SHIP RUDDER AND A METHOD FOR DISASSEMBLY OF A SHIP SHIP RUDDER FROM A RUDDER SHAFT**
[54] **AGENCEMENT POUR FIXER UN GOUVERNAIL DE BATEAU A UN ARBRE DE GOUVERNAIL, ARBRE DE GOUVERNAIL, GOUVERNAIL DE BATEAU ET PROCEDE DE DESASSEMBLAGE DU GOUVERNAIL D'UN BATEAU D'UN ARBREDE GOUVERNAIL**
[72] ELVESTAD, STIG, NO
[73] ROLLS-ROYCE MARINE AS, NO
[85] 2010-06-25
[86] 2009-01-09 (PCT/NO2009/000009)
[87] (WO2009/102209)
[30] NO (20080155) 2008-01-09

[11] **2,711,541**
[13] C
[51] **Int.Cl. G01S 17/32 (2006.01) G01B 9/02 (2006.01) G01S 7/481 (2006.01) G01S 7/499 (2006.01)**
[25] EN
[54] **ELECTRO-OPTICAL DISTANCE-MEASURING UNIT**
[54] **DISPOSITIF DE MESURE DE DISTANCE ELECTRO-OPTIQUE**
[72] LUETHI, THOMAS, CH
[72] MEIER, DIETRICH, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2010-07-06
[86] 2009-02-10 (PCT/CH2009/000055)
[87] (WO2009/103172)
[30] CH (230/08) 2008-02-19

[11] **2,711,634**
[13] C
[51] **Int.Cl. C09K 8/74 (2006.01) C11D 7/32 (2006.01) C23C 18/16 (2006.01)**
[25] EN
[54] **ACIDIC AQUEOUS SOLUTION CONTAINING A CHELATING AGENT AND THE USE THEREOF**
[54] **SOLUTION ACIDE AQUEUSE CONTENANT UN AGENT CHELATANT ET SON UTILISATION**
[72] DE WOLF, CORNELIA ADRIANA, NL
[72] LEPAGE, JAMES N., US
[72] BEMELAAR, JOHANNA HENDRIKA, NL
[73] AKZO NOBEL N.V., NL
[85] 2010-07-07
[86] 2008-10-10 (PCT/EP2008/063618)
[87] (WO2009/086954)
[30] US (61/019,913) 2008-01-09
[30] EP (08151179.2) 2008-02-07

[11] **2,712,799**
[13] C
[51] **Int.Cl. B09B 3/00 (2006.01) B02C 18/00 (2006.01) E03C 1/266 (2006.01) F26B 9/06 (2006.01) F26B 17/32 (2006.01)**
[25] EN
[54] **GARBAGE DISPOSAL APPARATUS**
[54] **BROYEUR A DECHETS**
[72] SHIN-YA, KOUICHI, JP
[73] SHIN-YA, KOUICHI, JP
[85] 2010-07-21
[86] 2009-01-22 (PCT/JP2009/050943)
[87] (WO2009/093639)
[30] JP (2008-012994) 2008-01-23

[11] **2,712,969**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **INHALER**
[54] **INHALATEUR**
[72] WACHTEL, HERBERT, DE
[72] HARMER, QUENTIN JOHN, GB
[72] SARKAR, MATTHEW NEIL, GB
[72] MILIVOJEVIC, IVAN, GB
[73] VECTURA DELIVERY DEVICES LIMITED, GB
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2010-07-22
[86] 2008-12-29 (PCT/EP2008/011126)
[87] (WO2009/092434)
[30] EP (08001298.2) 2008-01-24

[11] **2,712,990**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/44 (2006.01) A61K 35/00 (2006.01)**
[25] EN
[54] **BENZONAPHTHYRIDINYL COMPOUNDS AS PROTEIN KINASE INHIBITORS AND USE THEREOF**
[54] **COMPOSES DE BENZONAPHTHYRIDINYL COMME INHIBITEURS DE PROTEINES KINASES ET SON UTILISATION**
[72] HUCK, BAYARD R., US
[72] CHEN, XIAOLING, US
[72] DE SELM, LIZBETH CELESTE, US
[72] JONES, CHRISTOPHER CHARLES VICTOR, US
[72] KARRA, SRINIVASA R., US
[72] XIAO, YUFANG, US
[72] GOUTOPOULOS, ANDREAS, US
[72] SUTTON, AMANDA E., US
[73] MERCK PATENT GMBH, DE
[85] 2010-07-27
[86] 2009-02-25 (PCT/US2009/035089)
[87] (WO2009/108670)
[30] US (61/067,492) 2008-02-28

[11] **2,713,341**
[13] C
[51] **Int.Cl. A61M 25/01 (2006.01)**
[25] EN
[54] **STEERING ENGAGEMENT CATHETER DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS DE CATHETER A ENGAGEMENT DE GUIDAGE, SYSTEMES ET PROCEDES**
[72] KASSAB, GHASSAN S., US
[72] NAVIA, JOSE A., AR
[73] CVDEVICES, LLC, US
[85] 2010-07-26
[86] 2008-08-13 (PCT/US2008/073004)
[87] (WO2009/099464)
[30] US (PCT/US2008/053061) 2008-02-05
[30] US (PCT/US2008/056666) 2008-03-12
[30] US (PCT/US2008/060513) 2008-04-16
[30] US (PCT/US2008/060487) 2008-04-16
[30] US (PCT/US2008/060870) 2008-04-18

[11] **2,713,784**
[13] C
[51] **Int.Cl. A61K 31/155 (2006.01) A61P 7/02 (2006.01) A61P 9/12 (2006.01) A61P 25/28 (2006.01) A61P 31/16 (2006.01) A61P 31/18 (2006.01) A61P 33/02 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF AMIDOXIME CARBOXYLIC ACID ESTERS AND N-HYDROXYGUANIDINE CARBOXYLIC ACID ESTERS FOR PRODUCING PRODRUGS**
[54] **UTILISATION D'ESTERS D'ACIDE AMIDOXIME-CARBOXYLIQUE ET D'ESTERS D'ACIDE N-HYDROXYGUANIDINE-CARBOXYLIQUE POUR LA FABRICATION DE PROMEDICAMENTS**
[72] CLEMENT, BERND, DE
[72] REEH, CHRISTIANE, DE
[72] HUNGELING, HELEN, DE
[73] DRITTE PATENTPORTFOLIO BETEILIGUNGSGESELLSCHAFT MBH & CO. KG, DE
[85] 2010-07-30
[86] 2009-02-02 (PCT/EP2009/051132)
[87] (WO2009/095499)
[30] DE (10 2008 007 381.4) 2008-02-01

[11] **2,714,127**
[13] C
[51] **Int.Cl. H01P 5/16 (2006.01) H01P 1/213 (2006.01)**
[25] FR
[54] **THERMICALLY OPTIMIZED HYPERFREQUENCY CHANNEL MULTIPLEXING DEVICE AND SIGNAL REPEATING DEVICE EQUIPPED WITH AT LEAST ONE SUCH MULTIPLEXING DEVICE**
[54] **DISPOSITIF DE MULTIPLEXAGE DE CANAUX HYPERFREQUENCE THERMIQUEMENT OPTIMISE ET DISPOSITIF DE REPETITION DE SIGNAUX COMPORTANT AU MOINS UN TEL DISPOSITIF DE MULTIPLEXAGE**
[72] LAGORSSE, JOEL, FR
[72] LACOMBE, JEAN-CLAUDE, FR
[73] THALES, FR
[86] (2714127)
[87] (2714127)
[22] 2010-08-31
[30] FR (09 04212) 2009-09-04

[11] **2,714,223**
[13] C
[51] **Int.Cl. G06F 21/56 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING APPLICATIONS TO MITIGATE THE EFFECTS OF MALICIOUS SOFTWARE**
[54] **METHODE ET SYSTEME DE CONTROLE D'APPLICATIONS POUR ATTENUER LES EFFETS DE LOGICIELS MALVEILLANTS**
[72] WHITEHOUSE, OLIVER, GB
[72] KIRKUP, MICHAEL GRANT, CA
[72] BROWN, MICHAEL KENNETH, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2714223)
[87] (2714223)
[22] 2010-08-31
[30] US (61/238,345) 2009-08-31

---

[11] **2,714,433**
[13] C
[51] **Int.Cl. B64C 1/06 (2006.01) B64C 9/00 (2006.01) B64C 9/02 (2006.01) B64C 25/16 (2006.01)**
[25] FR
[54] **UNITARY, SELF-STIFFENED, AND PIVOTING COMPOSITE PANEL, IN PARTICULAR FOR A MOBILE PART OF AN AIRCRAFT**
[54] **PANNEAU COMPOSITE MONOLITHIQUE AUTO-RAIDI ET PIVOTANT, NOTAMMENT POUR UNE PARTIE MOBILE D'AERONEF**
[72] VALLEE, PHILIPPE, FR
[73] SOCATA, FR
[85] 2010-08-05
[86] 2009-02-19 (PCT/FR2009/050270)
[87] (WO2009/112735)
[30] FR (08 51087) 2008-02-20

---

[11] **2,714,938**
[13] C
[51] **Int.Cl. H01H 1/10 (2006.01) G01R 31/28 (2006.01) H01R 11/18 (2006.01) H01R 13/24 (2006.01)**
[25] EN
[54] **CONTACT SPRING**
[54] **RESSORT DE CONTACT**
[72] DANDL, CHRISTIAN, DE
[72] WOLLITZER, MICHAEL, DE
[72] MAIWALDER, ARMIN, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2010-08-11
[86] 2009-01-21 (PCT/EP2009/000351)
[87] (WO2009/100807)
[30] DE (20 2008 001 997.4) 2008-02-14

---

[11] **2,715,995**
[13] C
[51] **Int.Cl. B25D 17/24 (2006.01)**
[25] EN
[54] **PERCUSSION TOOL**
[54] **OUTIL DE PERCUSSION**
[72] OESTENSSON, OLOF BERTIL SIGURD, SE
[73] CONSTRUCTION TOOLS PC AB, SE
[85] 2010-08-18
[86] 2009-03-31 (PCT/SE2009/000171)
[87] (WO2009/123533)
[30] SE (0800710-6) 2008-03-31

---

[11] **2,716,059**
[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) H04W 88/02 (2009.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DIRECT AND INDIRECT NAVIGATION MODES FOR TOUCHSCREEN DEVICES**
[54] **SYSTEMES ET METHODES ASSURANT DES MODES DE NAVIGATION DIRECTS ET INDIRECTS POUR DISPOSITIFS A ECRAN TACTILE**
[72] GRIFFIN, JASON TYLER, CA
[72] REEVE, SCOTT DAVID, CA
[73] BLACKBERRY LIMITED, CA
[86] (2716059)
[87] (2716059)
[22] 2010-09-30
[30] EP (09174539.8) 2009-10-29

---

[11] **2,716,168**
[13] C
[51] **Int.Cl. G06F 1/32 (2006.01) G06F 3/041 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **A LOW POWER WAKEUP DETECTION CIRCUIT AND A PORTABLE ELECTRONIC DEVICE HAVING A LOW POWER WAKEUP DETECTION CIRCUIT**
[54] **CIRCUIT DE DETECTION DE REVEIL DE FAIBLE PUISSANCE ET DISPOSITIF ELECTRONIQUE PORTATIF AINSI POURVU**
[72] MARCHAND, RENE PIERRE, CA
[72] BERNARD, CHRISTOPHER DAVID, CA
[72] HOLBEIN, MARC EDWARD, CA
[73] BLACKBERRY LIMITED, CA
[86] (2716168)
[87] (2716168)
[22] 2010-10-01
[30] EP (09172152.2) 2009-10-02

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[11] **2,717,225**
[13] C
[51] **Int.Cl. B01D 46/52 (2006.01) B01D 46/00 (2006.01)**
[25] EN
[54] **FILTER ELEMENT FOR PULSE CLEANING AND METHODS**
[54] **ELEMENT DE FILTRE POUR NETTOYAGE PAR IMPULSION ET PROCEDES**
[72] RAETHER, THOMAS D., US
[73] DONALDSON COMPANY, INC., US
[85] 2010-08-20
[86] 2009-02-23 (PCT/US2009/034853)
[87] (WO2009/108598)
[30] US (61/067,173) 2008-02-25

[11] **2,717,462**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **QUERY TEMPLATES AND LABELED SEARCH TIP SYSTEM, METHODS, AND TECHNIQUES**
[54] **MODELES D'INTERROGATIONS, SYSTEME, PROCEDES ET TECHNIQUES D'ASTUCES DE RECHERCHES ETIQUETEES**
[72] DHILLON, NAVDEEP S., US
[72] REICHHOLD, JONATHAN, US
[72] TUSK, CARSTEN, US
[73] VCVC III LLC, US
[85] 2010-09-08
[86] 2008-03-14 (PCT/US2008/057134)
[87] (WO2008/113045)
[30] US (60/894,876) 2007-03-14

[11] **2,717,827**
[13] C
[51] **Int.Cl. C09D 5/00 (2006.01) C09D 1/00 (2006.01)**
[25] EN
[54] **ABRADABLE COATING SYSTEM**
[54] **CONSTITUANTS DE REVETEMENT D'USURE**
[72] DUVAL, SOPHIE, CH
[72] GRASSO, PIERO-DANIELE, CH
[72] OLLIGES, SVEN, CH
[72] FERBER, JOERGEN, CH
[72] STANKOWSKI, ALEXANDER, CH
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2717827)
[87] (2717827)
[22] 2010-10-15
[30] US (61/256,393) 2009-10-30

[11] **2,718,053**
[13] C
[51] **Int.Cl. A61M 5/20 (2006.01)**
[25] EN
[54] **INJECTOR SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE POUR INJECTEUR**
[72] SUND, JULIUS, US
[72] LAGMAN, ERIC, US
[72] HOEFT, PETE, US
[72] LESCH, PAUL R., JR., US
[72] KRAMER, TOM, US
[73] ANTARES PHARMA, INC., US
[85] 2010-09-08
[86] 2009-03-10 (PCT/US2009/036682)
[87] (WO2009/114542)
[30] US (61/035,350) 2008-03-10

[11] **2,719,235**
[13] C
[51] **Int.Cl. B23B 27/06 (2006.01) B23B 27/14 (2006.01) B23B 29/034 (2006.01) B23B 41/12 (2006.01) B24B 33/08 (2006.01) C23C 4/02 (2006.01) F16J 10/04 (2006.01)**
[25] EN
[54] **METHOD AND TOOL FOR PRODUCING A SURFACE OF PREDETERMINED ROUGHNESS**
[54] **PROCEDE ET OUTIL POUR PRODUIRE UNE SURFACE PRESENTANT UNE RUGOSITE PREDEFINIE**
[72] AST, HOLGER, DE
[72] BOZKURT, LUTFI, DE
[72] SOMMERFELDT, PETER, DE
[72] GAND, BERNHARD, DE
[72] REIMANN, HORST, DE
[72] ORLAMUENDER, FRANK, DE
[73] MARTINREA HONSEL GERMANY GMBH, DE
[73] GUHRING KG, DE
[85] 2010-09-22
[86] 2009-07-27 (PCT/DE2009/001056)
[87] (WO2010/015229)
[30] DE (10 2008 036 454.1) 2008-08-05
[30] DE (10 2008 046 944.0) 2008-09-12
[30] DE (10 2008 058 452.5) 2008-11-21

[11] **2,719,474**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **URETERAL STENTS FOR RELEASE OF UROLOGICALLY BENEFICIAL AGENTS**
[54] **STENTS URETERAUX POUR LIBERER DES AGENTS UROLOGIQUEMENT BENEFIQUES**
[72] LI, JIANMIN, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2010-09-23
[86] 2009-03-26 (PCT/US2009/038332)
[87] (WO2009/154834)
[30] US (61/072,076) 2008-03-27

[11] **2,720,264**
[13] C
[51] **Int.Cl. C12M 3/04 (2006.01) C12N 5/07 (2010.01) A61L 27/38 (2006.01) C12M 3/00 (2006.01) C12N 11/00 (2006.01)**
[25] EN
[54] **A MEMBRANE FOR SUPPORTING THE GROWTH OF RETINAL PIGMENTED EPITHELIAL CELLS**
[54] **MEMBRANE SOUTENANT LA CROISSANCE DE CELLULES EPITHELIALES PIGMENTAIRES RETINIENNES**
[72] COFFEY, PETER, GB
[72] DA CRUZ, LYNDON, GB
[72] CHEETHAM, KAREN, GB
[73] UCL BUSINESS PLC, GB
[85] 2010-09-30
[86] 2009-04-08 (PCT/GB2009/000917)
[87] (WO2009/127809)
[30] GB (0806746.4) 2008-04-14

[11] **2,721,065**
[13] C
[51] **Int.Cl. C07D 213/82 (2006.01) A61K 31/455 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **PHENOXYPYRIDINYLAMIDE DERIVATIVES AND THEIR USE AS PDE4 INHIBITORS**
[54] **DERIVES DE PHENOXYPYRIDINYLAMIDE ET LEUR UTILISATION COMME INHIBITEURS DE PDE4**
[72] ANDREWS, GLEN, GB
[72] COX, RHONA JANE, GB
[72] DE SAVI, CHRISTOPHER, GB
[72] MEGHANI, PREMJI, GB
[72] SANGANEE, HITESH JAYANTILAL, GB
[72] WARNER, DANIEL JON, CA
[73] ASTRAZENECA AB, SE
[85] 2010-10-08
[86] 2009-05-26 (PCT/GB2009/050566)
[87] (WO2009/144494)
[30] US (61/128,939) 2008-05-27

[11] **2,721,411**
[13] C
[51] **Int.Cl. D02G 3/44 (2006.01) B66C 1/12 (2006.01)**
[25] EN
[54] **ABRASION RESISTANT FABRIC**
[54] **TISSU RESISTANT A L'ABRASION**
[72] SCHNEIDERS, HANS, NL
[72] WEELEN, FRANK, NL
[72] WETZELS, KAREL JOZEF, NL
[73] DSM IP ASSETS B.V., NL
[85] 2010-10-14
[86] 2009-04-21 (PCT/EP2009/002901)
[87] (WO2009/130001)
[30] EP (08007751.4) 2008-04-22

---

[11] **2,721,422**
[13] C
[51] **Int.Cl. C07F 9/40 (2006.01) A01N 63/02 (2006.01) C07K 14/435 (2006.01) C07K 14/765 (2006.01) C07K 16/00 (2006.01) C12N 9/16 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **CHEMICAL AND BIOCHEMICAL ADDUCTS AS BIOMARKERS FOR ORGANOPHOSPHATE EXPOSURE**
[54] **ADDUCTS CHIMIQUES ET BIOCHIMIQUES DE BIOMARQUEURS DE L'EXPOSITION D'ORGANOPHATES**
[72] CASHMAN, JOHN R., US
[72] MACDONALD, MARY T., US
[73] HUMAN BIOMOLECULAR RESEARCH INSTITUTE, US
[85] 2010-10-14
[86] 2009-04-14 (PCT/US2009/002342)
[87] (WO2010/039163)
[30] US (61/124,198) 2008-04-14

---

[11] **2,721,690**
[13] C
[51] **Int.Cl. A61B 17/3207 (2006.01)**
[25] EN
[54] **CUTTING AND CORING ATHERECTOMY DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DECOUPE ET DE FORAGE POUR ATHERECTOMIE**
[72] CAMBRONNE, MATT, US
[72] KOHLER, ROB, US
[72] LATHAM, STEPHEN, US
[72] DARLEY, JESSE C., US
[73] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2010-10-15
[86] 2009-05-18 (PCT/US2009/044310)
[87] (WO2009/148807)
[30] US (61/058,971) 2008-06-05
[30] US (12/466,164) 2009-05-14

---

[11] **2,721,702**
[13] C
[51] **Int.Cl. H04R 5/04 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR AUDIO ENCODING REPRODUCTION**
[54] **APPAREIL ET PROCEDES POUR REPRODUCTION DE CODAGE AUDIO**
[72] LAAKSONEN, LASSE, FI
[72] TAMMI, MIKKO, FI
[72] VASILACHE, ADRIANA, FI
[72] RAMO, ANSSI, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2010-10-18
[86] 2008-05-09 (PCT/EP2008/055776)
[87] (WO2009/135532)

---

[11] **2,723,685**
[13] C
[51] **Int.Cl. A61K 31/485 (2006.01) A61K 31/765 (2006.01) A61P 1/00 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **ORAL ADMINISTRATION OF PERIPHERALLY-ACTING OPIOID ANTAGONISTS**
[54] **ADMINISTRATION ORALE D'ANTAGONISTES DES OPIOIDES AGISSANT AU NIVEAU PERIPHERIQUE**
[72] BRODBECK, KEVIN J., US
[72] KUGLER, ALAN R., US
[73] NEKTAR THERAPEUTICS, US
[85] 2010-11-05
[86] 2009-05-07 (PCT/US2009/002856)
[87] (WO2009/137086)
[30] US (61/126,868) 2008-05-07

---

[11] **2,723,696**
[13] C
[51] **Int.Cl. G05D 16/06 (2006.01)**
[25] EN
[54] **A CONTROL VALVE**
[54] **VANNE DE REGULATION**
[72] JORGENSEN, AGNES, DK
[73] FRESE A/S, DK
[85] 2010-11-05
[86] 2009-05-04 (PCT/DK2009/000102)
[87] (WO2009/135490)
[30] DK (PA 2008 00634) 2008-05-05

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[11] **2,723,773**
[13] C
[51] **Int.Cl. H05K 7/20 (2006.01) G11B 33/02 (2006.01) G11B 33/14 (2006.01)**
[25] EN
[54] **FIRE RESISTANT AND WATER RESISTANT ENCLOSURE FOR OPERABLE COMPUTER DIGITAL DATA STORAGE DEVICE**
[54] **ENCEINTE RESISTANT AU FEU ET RESISTANT A L'EAU POUR DISPOSITIF DE STOCKAGE DE DONNEES NUMERIQUES D'ORDINATEUR EXPLOITABLE**
[72] MOORE, ROBBY JAY, US
[72] DAVIS, BROOKS IRA, US
[73] IOSAFE, INC., US
[85] 2010-11-08
[86] 2009-05-07 (PCT/US2009/002826)
[87] (WO2009/137072)
[30] US (61/132,497) 2008-06-19
[30] US (12/319,019) 2008-12-31
[30] US (61/127,217) 2008-05-09

[11] **2,724,025**
[13] C
[51] **Int.Cl. B32B 27/32 (2006.01)**
[25] EN
[54] **MEMBRANE FILM FOR BATTERIES HAVING A SHUT-OFF FUNCTION**
[54] **FILM MEMBRANAIRE POUR PILES, A FONCTION DE RUPTURE**
[72] PETERS, CHRISTIAN, DE
[72] MOHR, THILO, DE
[72] BUSCH, DETLEF, DE
[72] SCHMITZ, BERTRAM, FR
[73] TREOFAN GERMANY GMBH & CO. KG, DE
[85] 2010-11-01
[86] 2009-04-23 (PCT/EP2009/002960)
[87] (WO2009/132801)
[30] DE (10 2008 021 995.9) 2008-05-02

[11] **2,724,137**
[13] C
[51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **MIDDLE EAR IMPLANT**
[54] **IMPLANT POUR OREILLE MOYENNE**
[72] YOUNG, DAVID ERNEST, GB
[72] ABEL, ERIC WILLIAM, GB
[72] BRODIE, ROBIN CHRISTOPHER, GB
[73] SENTIENT MEDICAL LIMITED, GB
[85] 2010-11-12
[86] 2008-05-12 (PCT/GB2008/050344)
[87] (WO2008/139225)
[30] GB (0709072.3) 2007-05-11

[11] **2,724,192**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 7/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED IMIDAZO- AND TRIAZOLOPYRIMIDINES, IMIDAZO- AND PYRAZOLOPYRAZINES AND IMIDAZOTRIAZINES AS GSK3BETA-INHIBITORS**
[54] **IMIDAZOPYRIMIDINES ET TRIAZOLOPYRIMIDINES SUBSTITUEES, IMIDAZOPYRAZINES, PYRAZOLOPYRAZINES ET IMIDAZOTRIAZINES SUBSTITUEES SERVANT D'INHIBITEURS DE GSK3-BETA**
[72] SIEGEL, STEPHAN, DE
[72] WILMEN, ANDREAS, DE
[72] SVENSTRUP, NIELS, DE
[72] GNOTH, MARK JEAN, DE
[72] TERSTEEGEN, ADRIAN, DE
[72] RESTER, ULRICH, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2010-11-12
[86] 2009-05-02 (PCT/EP2009/003167)
[87] (WO2009/138176)
[30] DE (10 2008 023 801.5) 2008-05-15

[11] **2,724,223**
[13] C
[51] **Int.Cl. H05B 3/10 (2006.01) B60J 1/00 (2006.01) H05B 3/12 (2006.01) H05B 3/20 (2006.01)**
[25] EN
[54] **CONDUCTIVE FILM, AND TRANSPARENT HEATING ELEMENT**
[54] **FILM CONDUCTEUR ET ELEMENT CHAUFFANT TRANSPARENT**
[72] KURIKI, TADASHI, JP
[73] FUJIFILM CORPORATION, JP
[85] 2010-11-12
[86] 2009-05-15 (PCT/JP2009/059044)
[87] (WO2009/139458)
[30] JP (2008-129251) 2008-05-16
[30] JP (2008-326369) 2008-12-22

[11] **2,724,881**
[13] C
[51] **Int.Cl. C07F 9/09 (2006.01) A61K 31/661 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **CARBONATE PRODRUGS AND METHODS OF USING THE SAME**
[54] **PROMEDICAMENTS CARBONATES ET LEURS METHODES D'UTILISATION**
[72] MUHAMMAD, NAWEED, US
[72] BLEY, KEITH R., US
[73] ACORDA THERAPEUTICS, INC., US
[85] 2010-11-18
[86] 2009-05-20 (PCT/US2009/044746)
[87] (WO2009/143297)
[30] US (61/054,765) 2008-05-20

[11] **2,726,202**
[13] C
[51] **Int.Cl. C07D 487/08 (2006.01) C07D 295/08 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HYDROXYALKYLTRIETHYLENE DIAMINE, AND CATALYST COMPOSITION FOR THE PRODUCTION OF POLYURETHANE RESIN USING IT**
[54] **PROCESSUS DESTINE A PRODUIRE DE L'HYDROXYALKYLTRIETHYLENEDIAMINE ET COMPOSITION DE CATALYSEUR POUR LA PRODUCTION DE RESINE DE POLYURETHANE A L'AIDE DE CELLE-CI**
[72] TOKUMOTO, KATSUMI, JP
[72] SUZUKI, TAKAO, JP
[72] KISO, HIROYUKI, JP
[72] TAKAHASHI, YOSHIHIRO, JP
[72] TAMANO, YUTAKA, JP
[73] TOSOH CORPORATION, JP
[85] 2010-11-26
[86] 2009-05-29 (PCT/JP2009/059903)
[87] (WO2009/145320)
[30] JP (2008-142586) 2008-05-30
[30] JP (2008-178990) 2008-07-09
[30] JP (2008-185165) 2008-07-16
[30] JP (2008-204535) 2008-08-07
[30] JP (2008-278254) 2008-10-29
[30] JP (2008-281558) 2008-10-31
[30] JP (2008-296910) 2008-11-20
[30] JP (2008-297912) 2008-11-21

[11] **2,726,486**
[13] C
[51] **Int.Cl. B01J 8/02 (2006.01)**
[25] EN
[54] **A PROCESS AND A REACTOR FOR OXIDATION OF A HYDROCARBON**
[54] **PROCEDE ET REACTEUR POUR L'OXYDATION D'UN HYDROCARBURE**
[72] ZANICHELLI, LUCA, IT
[73] CASALE SA, CH
[85] 2010-11-30
[86] 2009-06-16 (PCT/EP2009/057472)
[87] (WO2010/000613)
[30] EP (08012085.0) 2008-07-04

[11] **2,726,491**
[13] C
[51] **Int.Cl. G01N 29/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING GEOLOGIC PROPERTIES USING ACOUSTIC ANALYSIS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DETERMINER DES PROPRIETES GEOLOGIQUES AU MOYEN D'UNE ANALYSE ACOUSTIQUE**
[72] MACLEOD, GORDON, US
[72] POTTORF, ROBERT J., US
[72] SMITH, DENNIS, US
[72] SONG, LIMIN, US
[72] XU, PENG, US
[72] LIU, ENRU, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2010-11-30
[86] 2009-04-20 (PCT/US2009/041128)
[87] (WO2010/008647)
[30] US (61/080,339) 2008-07-14

[11] **2,726,535**
[13] C
[51] **Int.Cl. G08G 1/052 (2006.01) H04W 4/02 (2009.01) G08G 1/0967 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FASTER DETECTION OF TRAFFIC JAMS**
[54] **SYSTEME ET METHODE DE DETECTION PLUS RAPIDES DES EMBOUTEILLAGES**
[72] ROGERS, SETH OLDS, US
[73] BLACKBERRY LIMITED, CA
[86] (2726535)
[87] (2726535)
[22] 2010-12-29
[30] US (61/290,577) 2009-12-29
[30] US (12/828,467) 2010-07-01

[11] **2,727,378**
[13] C
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/5377 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **NEW CO-CRYSTAL COMPOUND OF RIVAROXABAN AND MALONIC ACID**
[54] **NOUVEAU COMPOSE DE RIVAROXABAN ET D'ACIDE MALONIQUE CONTENANT DES CO-CRISTAUX**
[72] GRUNENBERG, ALFONS, DE
[72] FAEHNRICH, KARSTEN, DE
[72] QUECKENBERG, OLAF, DE
[72] REUTE, CHRISTIANE, DE
[72] KEIL, BIRGIT, DE
[72] GUSHURST, KAREN SUE, US
[72] STILL, EZRA JOHN, US
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2010-12-09
[86] 2009-06-03 (PCT/EP2009/003952)
[87] (WO2009/149851)
[30] DE (10 2008 028 071.2) 2008-06-12

[11] **2,727,666**
[13] C
[51] **Int.Cl. B65G 21/20 (2006.01) B65G 47/31 (2006.01) B65G 47/71 (2006.01)**
[25] FR
[54] **MULTIPATH CONVEYOR INSTALLATION**
[54] **INSTALLATION DE CONVOYAGE MULTIVOIES**
[72] PETROVIC, ZMAJ, FR
[72] PERRIN, DAVID, FR
[72] TOUITOU, HAIM, FR
[73] GEBO PACKAGING SOLUTIONS FRANCE, FR
[85] 2010-12-10
[86] 2009-06-11 (PCT/FR2009/051097)
[87] (WO2009/150379)
[30] FR (08 03276) 2008-06-13

[11] **2,727,698**
[13] C
[51] **Int.Cl. A61K 38/48 (2006.01) A61P 13/02 (2006.01) A61P 13/08 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **A THERAPEUTIC AGENT FOR A LOWER URINARY TRACT DISEASE AND AN AGENT FOR IMPROVING A LOWER URINARY TRACT SYMPTOM**
[54] **AGENT THERAPEUTIQUE DESTINE A UNE MALADIE DU TRACTUS URINAIRE INFERIEUR ET AGENT D'AMELIORATION D'UN SYMPTOME DU TRACTUS URINAIRE INFERIEUR**
[72] SENGA, HIROBUMI, JP
[72] WAN, YONGLING, CN
[72] HONMA, MASATO, JP
[73] TOBISHI PHARMACEUTICAL CO., LTD., JP
[85] 2010-12-10
[86] 2009-07-01 (PCT/JP2009/062402)
[87] (WO2010/002035)
[30] JP (2008-172611) 2008-07-01

[11] **2,727,738**
[13] C
[51] **Int.Cl. C08F 110/10 (2006.01) C08F 8/42 (2006.01) C10M 159/18 (2006.01)**
[25] EN
[54] **LUBRICATING OIL ADDITIVE AND LUBRICATING OIL COMPOSITION CONTAINING SAME**
[54] **ADDITIF D'HUILE LUBRIFIANTE ET COMPOSITION D'HUILE LUBRIFIANTE CONTENANT CET ADDITIF**
[72] NELSON, KENNETH D., US
[72] CHIVERTON, EDWARD A., GB
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2010-12-10
[86] 2009-06-30 (PCT/US2009/049212)
[87] (WO2010/002863)
[30] US (12/215,739) 2008-06-30

[11] **2,728,057**
[13] C
[51] **Int.Cl. C07D 213/75 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF AN INTERMEDIATE IN THE SYNTHESIS OF DABIGATRAN**
[54] **PROCEDE DE FABRICATION D'UN INTERMEDIAIRE DANS LA SYNTHESE DU DABIGATRAN**
[72] HEDDESHEIMER, INGO, DE
[72] SCHOLZ, ULRICH, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2010-12-14
[86] 2009-06-12 (PCT/EP2009/057265)
[87] (WO2009/153214)
[30] EP (08158363.5) 2008-06-16

[11] **2,728,108**
[13] C
[51] **Int.Cl. H01F 7/00 (2006.01) G01R 33/387 (2006.01) G01R 33/3875 (2006.01) G01R 33/48 (2006.01) G21K 1/093 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **MAGNETIC ASSEMBLY AND METHOD FOR DEFINING A MAGNETIC FIELD FOR AN IMAGING VOLUME**
[54] **ARRANGEMENT MAGNETIQUE ET PROCEDE POUR DEFINIR UN CHAMP MAGNETIQUE POUR UN VOLUME DE PRODUCTION D'IMAGE**
[72] FALLONE, GINO B., CA
[72] TADIC, TONY, CA
[72] MURRAY, BRAD, CA
[73] ALBERTA HEALTH SERVICES, CA
[85] 2010-12-15
[86] 2009-06-25 (PCT/CA2009/000860)
[87] (WO2009/155691)
[30] US (61/129,412) 2008-06-24

[11] **2,728,643**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **OPERATOR, DEVICE, AND PLATFORM-INDEPENDENT AGGREGATION, CROSS-PLATFORM TRANSLATION, ENABLEMENT AND DISTRIBUTION OF USER ACTIVITY CATALOGS**
[54] **AGREGATION, TRADUCTION INTER-PLATEFORMES, ACTIVATION ET DISTRIBUTION DE CATALOGUES D'ACTIVITE D'UTILISATEURS, INDEPENDANTES DES OPERATEURS, DES DISPOSITIFS ET DES PLATEFORMES**
[72] KASARGOD, KABIR, US
[72] D'AMORE, TIANYU L., US
[72] DA SILVA, GABRIEL MOURA, US
[72] MINEAR, BRIAN, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-12-16
[86] 2009-07-08 (PCT/US2009/049900)
[87] (WO2010/008978)
[30] US (61/080,435) 2008-07-14
[30] US (12/484,186) 2009-06-13

[11] **2,728,729**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROTEIN KINASE INHIBITORS**
[54] **INHIBITEURS DE PROTEINE KINASE**
[72] CHARRIER, JEAN-DAMIEN, GB
[72] DURRANT, STEVE, GB
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2010-12-20
[86] 2009-06-23 (PCT/US2009/003716)
[87] (WO2010/008454)
[30] US (61/074,754) 2008-06-23

[11] **2,729,198**
[13] C
[51] **Int.Cl. B60G 21/055 (2006.01) F16F 1/16 (2006.01) F16F 1/36 (2006.01) F16F 1/38 (2006.01)**
[25] EN
[54] **STABILIZER DEVICE**
[54] **DISPOSITIF STABILISATEUR**
[72] KURODA, SHIGERU, JP
[73] NHK SPRING CO., LTD., JP
[85] 2010-12-23
[86] 2009-07-10 (PCT/JP2009/062580)
[87] (WO2010/007942)
[30] JP (2008-187008) 2008-07-18

[11] **2,729,216**
[13] C
[51] **Int.Cl. B01J 2/02 (2006.01) B22F 9/10 (2006.01) C04B 5/02 (2006.01) C22B 1/14 (2006.01)**
[25] EN
[54] **GRANULATION OF MOLTEN MATERIAL**
[54] **GRANULATION DE MATIERE FONDUE**
[72] XIE, DONGSHENG, AU
[72] WASHINGTON, BERNARD, AU
[72] SANETSIS, STEVEN, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2010-12-23
[86] 2009-06-29 (PCT/AU2009/000834)
[87] (WO2009/155666)
[30] AU (2008903295) 2008-06-27

[11] **2,729,362**
[13] C
[51] **Int.Cl. C07C 49/255 (2006.01) C07C 45/00 (2006.01) C07C 45/45 (2006.01) C07C 45/65 (2006.01) C07C 49/175 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF ALKENONES**
[54] **PROCEDE DE PREPARATION D'ALCENONES**
[72] BRAUN, MAX, DE
[72] LAMBERT, ALAIN, BE
[73] SOLVAY SA, BE
[85] 2010-12-23
[86] 2009-07-06 (PCT/EP2009/058525)
[87] (WO2010/000871)
[30] EP (08159744.5) 2008-07-04

---

[11] **2,729,404**
[13] C
[51] **Int.Cl. A61K 39/145 (2006.01) A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61K 47/10 (2006.01) A61K 47/34 (2006.01) A61K 47/36 (2006.01) A61L 31/00 (2006.01) A61M 37/00 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **MICRONEEDLE DEVICE AND METHOD FOR ENHANCING THE EFFICACY OF INFLUENZA VACCINE USING MICRONEEDLE DEVICE**
[54] **DISPOSITIF DE MICRO-AIGUILLE ET METHODE D'AMELIORATION DE L'EFFICACITE DU VACCIN ANTIGRIPPE EMPLOYANT LE DISPOSITIF DE MICRO-AIGUILLE**
[72] NOZAKI CHIKATERU, JP
[72] KAMINAKA KAZUYOSHI, JP
[72] MATSUDA JUNICHI, JP
[72] TERAHARA TAKAAKI, JP
[72] KUWAHARA TETSUJI, JP
[72] TOKUMOTO SEIJI, JP
[73] HISAMITSU PHARMACEUTICAL CO., INC., JP
[85] 2010-12-23
[86] 2009-05-22 (PCT/JP2009/059452)
[87] (WO2010/001671)
[30] JP (2008-170220) 2008-06-30
[30] JP (2008-267322) 2008-10-16

---

[11] **2,729,895**
[13] C
[51] **Int.Cl. C08L 63/00 (2006.01) C08J 3/20 (2006.01) C08J 5/04 (2006.01) C08K 5/17 (2006.01) C08K 5/21 (2006.01) C08G 59/58 (2006.01)**
[25] EN
[54] **BLENDS COMPRISING EPOXY RESINS AND MIXTURES OF AMINES WITH GUANIDINE DERIVATIVES**
[54] **MELANGES CONTENANT DES RESINES EPOXY AINSI QUE DES MELANGES D'AMINES ET DE DERIVES DE GUANIDINE**
[72] DAUN, GREGOR, DE
[72] WITTENBECHER, LARS, DE
[72] HENNINGSEN, MICHAEL, DE
[72] FLICK, DIETER, DE
[72] GEISLER, JOERG-PETER, DE
[72] SCHILLGALIES, JUERGEN, DE
[72] JACOBI, ERHARD, DE
[73] BASF SE, DE
[85] 2011-01-04
[86] 2009-07-17 (PCT/EP2009/059238)
[87] (WO2010/010048)
[30] EP (08160857.2) 2008-07-22
[30] EP (PCT/EP2009/058699) 2009-07-08

---

[11] **2,730,200**
[13] C
[51] **Int.Cl. G10L 19/02 (2013.01)**
[25] EN
[54] **AN APPARATUS AND A METHOD FOR GENERATING BANDWIDTH EXTENSION OUTPUT DATA**
[54] **APPAREIL ET PROCEDE DE GENERATION DE DONNEES DE SORTIE D'EXTENSION DE BANDE PASSANTE**
[72] NEUENDORF, MAX, DE
[72] GRILL, BERNHARD, DE
[72] KRAEMER, ULRICH, DE
[72] MULTRUS, MARKUS, DE
[72] POPP, HARALD, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] NAGEL, FREDERIK, DE
[72] LOHWASSER, MARKUS, DE
[72] GAYER, MARC, DE
[72] JANDER, MANUEL, DE
[72] BACIGALUPO, VIRGILIO, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2011-01-07
[86] 2009-06-23 (PCT/EP2009/004521)
[87] (WO2010/003544)
[30] US (61/079,841) 2008-07-11

---

[11] **2,730,518**
[13] C
[51] **Int.Cl. C08G 59/56 (2006.01) C08K 5/17 (2006.01) C08K 5/21 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **MIXTURES OF AMINES WITH GUANIDINE DERIVATIVES**
[54] **MELANGES D'AMINES ET DE DERIVES DE LA GUANIDINE**
[72] DAUN, GREGOR, DE
[72] WITTENBECHER, LARS, DE
[72] HENNINGSEN, MICHAEL, DE
[72] FLICK, DIETER, DE
[72] GEISLER, JOERG-PETER, DE
[72] SCHILLGALIES, JUERGEN, DE
[72] JACOBI, ERHARD, DE
[73] BASF SE, DE
[85] 2011-01-11
[86] 2009-07-17 (PCT/EP2009/059210)
[87] (WO2010/010045)
[30] EP (08160857.2) 2008-07-22
[30] EP (PCT/EP2009/058700) 2009-07-08

---

[11] **2,730,726**
[13] C
[51] **Int.Cl. B01J 31/22 (2006.01) C07F 17/00 (2006.01) C08F 4/6592 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **HALF-METALLOCENE CATALYST COMPOSITIONS AND THEIR POLYMER PRODUCTS**
[54] **COMPOSITIONS DE CATALYSEUR A HEMI-METALLOCENE ET LEURS PRODUITS POLYMERES**
[72] MCDANIEL, MAX P., US
[72] THORN, MATTHEW G., US
[72] BENHAM, ELIZABETH A., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2011-01-13
[86] 2009-07-13 (PCT/US2009/004047)
[87] (WO2010/008515)
[30] US (12/172,805) 2008-07-14

[11] **2,730,744**
[13] C
[51] **Int.Cl. B29C 39/00 (2006.01) C08G 59/50 (2006.01) B29C 33/38 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING MOLDINGS USING MIXTURES OF AMINES WITH GUANIDINE DERIVATIVES**
[54] **PROCEDE POUR PRODUIRE DES CORPS MOULES A L'AIDE DE MELANGES D'AMINES ET DE DERIVES DE LA GUANIDINE**
[72] DAUN, GREGOR, DE
[72] WITTENBECHER, LARS, DE
[72] HENNINGSEN, MICHAEL, DE
[72] FLICK, DIETER, DE
[72] GEISLER, JOERG-PETER, DE
[72] SCHILLGALIES, JUERGEN, DE
[72] JACOBI, ERHARD, DE
[73] BASF SE, DE
[85] 2011-01-12
[86] 2009-07-17 (PCT/EP2009/059237)
[87] (WO2010/010047)
[30] EP (08160857.2) 2008-07-22
[30] EP (PCT/EP2009/058701) 2009-07-08

[11] **2,731,352**
[13] C
[51] **Int.Cl. B65D 88/26 (2006.01) B65D 88/30 (2006.01)**
[25] EN
[54] **STORAGE HOPPER ASSEMBLY**
[54] **ENSEMBLE DE TREMIE DE STOCKAGE**
[72] BIELFELT, TERRY, US
[73] TIMPTE, INC., US
[86] (2731352)
[87] (2731352)
[22] 2011-02-09
[30] US (61303929) 2010-02-12
[30] US (13021155) 2011-02-04

[11] **2,731,807**
[13] C
[51] **Int.Cl. G06F 3/0485 (2013.01)**
[25] EN
[54] **INTERNAL SCROLL ACTIVATION AND CURSOR ADORNMENT**
[54] **ACTIVATION DU DEFILEMENT INTERNE ET ORNEMENT DU CURSEUR**
[72] DANTON, STEPHEN M., US
[72] VOSS, FLORIAN, US
[72] POND, ARWEN E., US
[72] FLYNN, JAMES R., US
[72] MOLLICONE, LAURENT, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-01-24
[86] 2009-07-31 (PCT/US2009/052411)
[87] (WO2010/025006)
[30] US (12/202,086) 2008-08-29

[11] **2,731,941**
[13] C
[51] **Int.Cl. C07J 71/00 (2006.01) A01N 43/64 (2006.01) A61K 31/58 (2006.01) A61P 31/10 (2006.01) C07J 63/00 (2006.01)**
[25] EN
[54] **DERIVATIVES OF ENFUMAFUNGIN AS INHIBITORS OF(1,3)-BETA.-D-GLUCAN SYNTHASE**
[54] **DERIVES D'ENFUMAFUNGINE COMME INHIBITEURS DE (1,3)-BETA.-D-GLUCANE SYNTHASE**
[72] GREENLEE, MARK L., US
[72] WILKENING, ROBERT, US
[72] APGAR, JAMES, US
[72] SPERBECK, DONALD, US
[72] WILDONGER, KENNETH JAMES, US
[72] MENG, DONGFANG, US
[72] PARKER, DANN L., US
[72] PACOFSKY, GREGORY JAMES, US
[72] HEASLEY, BRIAN HAID, US
[72] MAMAI, AHMED, US
[72] NELSON, KINGSLEY, US
[73] SCYNEXIS, INC., US
[85] 2011-01-25
[86] 2009-08-07 (PCT/US2009/004560)
[87] (WO2010/019204)
[30] US (61/136,101) 2008-08-12

[11] **2,732,079**
[13] C
[51] **Int.Cl. H04S 3/00 (2006.01) G10K 15/12 (2006.01) H04S 7/00 (2006.01)**
[25] EN
[54] **SIGNAL GENERATION FOR BINAURAL SIGNALS**
[54] **GENERATION DE SIGNAL POUR DES SIGNAUX BINAURAUX**
[72] MUNDT, HARALD, DE
[72] NEUGEBAUER, BERNHARD, DE
[72] HILPERT, JOHANNES, DE
[72] SILZLE, ANDREAS, DE
[72] PLOGSTIES, JAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2011-01-26
[86] 2009-07-30 (PCT/EP2009/005548)
[87] (WO2010/012478)
[30] US (61/085,286) 2008-07-31

[11] **2,732,133**
[13] C
[51] **Int.Cl. H04W 36/08 (2009.01) H04W 36/02 (2009.01) H04W 52/40 (2009.01)**
[25] EN
[54] **HANDLING OF MAC-HS/EHS RESET IN ENHANCED SERVING CELL CHANGE**
[54] **MANIPULATION DE REINITIALISATION MAC-HS/EHS DANS UN CHANGEMENT DE CELLULE DE DESSERTE AMELIOREE**
[72] KAPOOR, ROHIT, US
[72] SAMBHWANI, SHARAD DEEPAK, US
[72] CAI, HAILIANG, US
[72] ERAVELLI, SRINIVASA, US
[72] LIN, YUN, US
[73] QUALCOMM INCORPORATED, US
[85] 2011-01-26
[86] 2009-08-17 (PCT/US2009/054088)
[87] (WO2010/022006)
[30] US (61/089,678) 2008-08-18
[30] US (12/495,947) 2009-07-01

[11] **2,732,418**
[13] C
[51] **Int.Cl. G01S 17/88 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE DETECTION AND IMAGING OF OBJECTS IN THE PATH OF MARINE VESSELS**
[54] **SYSTEME DE DETECTION ET DE REPRESENTATION D'OBJETS PRESENTS SUR LA TRAJECTOIRE D'UN NAVIRE**
[72] KLEPSVIK, JOHN O., NO
[73] KONGSBERG SEATEX AS, NO
[85] 2011-01-28
[86] 2009-08-12 (PCT/NO2009/000286)
[87] (WO2010/024683)
[30] NO (20083495) 2008-08-12

---

[11] **2,732,945**
[13] C
[51] **Int.Cl. H04W 48/02 (2009.01) H04W 12/06 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATIONS SYSTEM PROVIDING MOBILE DEVICE AUTHENTICATION BYPASS BASED UPON USER-WEARABLE SECURITY DEVICE AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATION SANS FIL A CONTOURNEMENT DU PROCESSUS D'AUTHENTIFICATION TRIBUTAIRE DU PORT D'UN DISPOSITIF DE SECURITE ET PROCEDES CONNEXES**
[72] PASQUERO, JEROME, CA
[72] WALKER, DAVID RYAN, CA
[72] GRIFFIN, JASON T., CA
[73] BLACKBERRY LIMITED, CA
[86] (2732945)
[87] (2732945)
[22] 2011-02-25
[30] EP (10154907.9) 2010-02-26

---

[11] **2,733,005**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/22 (2006.01) A61K 47/48 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 5/48 (2006.01) C07K 14/575 (2006.01) C07K 17/08 (2006.01)**
[25] EN
[54] **TRUNCATED ANALOGUES OF GLUCOSE-DEPENDENT INSULINOTROPIC POLYPEPTIDE**
[54] **ANALOGUES TRONQUES DE POLYPEPTIDE INSULINOTROPE GLUCOSE-DEPENDANT**
[72] DONG, ZHENG XIN, US
[72] SHEN, YEELANA, US
[72] DEOLIVEIRA, DANIEL B., US
[73] IPSEN PHARMA S.A.S., FR
[85] 2011-02-03
[86] 2009-08-07 (PCT/US2009/004543)
[87] (WO2010/016935)
[30] US (61/188,192) 2008-08-07
[30] US (61/200,628) 2008-12-02

---

[11] **2,733,020**
[13] C
[51] **Int.Cl. E01C 13/00 (2006.01) A63C 19/00 (2006.01)**
[25] EN
[54] **ENGINEERED EARTHEN RECREATIONAL AND SPORT SURFACE**
[54] **SURFACE EN TERRE SYNTHETIQUE POUR ACTIVITES RECREATIVES ET SPORTIVES**
[72] ADAMS, LAWTON, US
[72] LEEMING, KAREN, US
[73] ADAMS, LAWTON, US
[73] LEEMING, KAREN, US
[86] (2733020)
[87] (2733020)
[22] 2011-02-28
[30] US (13/014,858) 2011-01-27

---

[11] **2,733,616**
[13] C
[51] **Int.Cl. C12N 15/52 (2006.01) C12N 1/21 (2006.01) C12N 9/00 (2006.01) C12N 9/02 (2006.01) C12N 9/16 (2006.01) C12N 9/88 (2006.01) C12N 15/63 (2006.01) C12P 7/18 (2006.01)**
[25] EN
[54] **PROCESS FOR THE BIOLOGICAL PRODUCTION OF 1,3-PROPANEDIOL WITH HIGH TITER**
[54] **PROCEDE DE PRODUCTION BIOLOGIQUE DE 1,3-PROPANEDIOL A TITRE ELEVE**
[72] EMPTAGE, MARK, US
[72] HAYNIE, SHARON, US
[72] LAFFEND, LISA, US
[72] PUCCI, JEFF, US
[72] WHITED, GREG, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[73] DANISCO US INC., US
[86] (2733616)
[87] (2733616)
[22] 2000-08-18
[62] 2,380,616
[30] US (60/149,534) 1999-08-18

---

[11] **2,733,789**
[13] C
[51] **Int.Cl. A61F 2/07 (2013.01)**
[25] EN
[54] **STENT GRAFT HAVING EXTENDED LANDING AREA AND METHOD FOR USING THE SAME**
[54] **GREFFE DE STENT COMPORTANT UNE SURFACE DE MISE EN PLACE ETENDUE ET PROCEDE D'UTILISATION DE CELLE-CI**
[72] REN, BROOKE, US
[73] ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC., US
[85] 2011-02-10
[86] 2009-08-18 (PCT/US2009/054155)
[87] (WO2010/027651)
[30] US (12/197,604) 2008-08-25

[11] **2,734,337**
[13] C
[51] **Int.Cl. A23C 9/00 (2006.01) A23C 9/14 (2006.01) A23C 9/142 (2006.01) A23C 9/146 (2006.01)**
[25] EN
[54] **LOW-LACTOSE AND LACTOSE-FREE MILK PRODUCT AND PROCESS FOR PRODUCTION THEREOF**
[54] **PRODUIT LAITIER A FAIBLE TENEUR EN LACTOSE OU SANS LACTOSE ET SON PROCEDE DE PRODUCTION**
[72] TIKANMAKI, REETTA, FI
[72] KALLIOINEN, HARRI, FI
[73] VALIO LTD., FI
[85] 2011-02-14
[86] 2009-08-28 (PCT/FI2009/050679)
[87] (WO2010/023362)
[30] FI (20085809) 2008-08-29
[30] US (12/201,301) 2008-08-29

[11] **2,734,493**
[13] C
[51] **Int.Cl. A61F 2/90 (2013.01) A61F 2/88 (2006.01)**
[25] EN
[54] **SELF-EXPANDING MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL AUTO-DILATABLE**
[72] NELSON, KEVIN D., US
[72] TAYLOR, PAULA J., US
[72] CROW, BRENT B., US
[73] TISSUEGEN, INC., US
[85] 2011-02-16
[86] 2009-08-19 (PCT/US2009/054345)
[87] (WO2010/022173)
[30] US (61/090,162) 2008-08-19

[11] **2,734,795**
[13] C
[51] **Int.Cl. C08F 2/20 (2006.01) C08F 220/56 (2006.01)**
[25] EN
[54] **POLYMER DISPERSION**
[54] **DISPERSION DE POLYMERE**
[72] PRZYBYLA, CHRISTIAN, DE
[72] STRUCK, OLIVER, DE
[72] LASCHEWSKY, ANDRE, DE
[72] PAULKE, BERND-REINER, DE
[73] KEMIRA OYJ, FI
[85] 2011-02-18
[86] 2009-08-19 (PCT/EP2009/060696)
[87] (WO2010/020650)
[30] EP (08162796.0) 2008-08-22
[30] US (61/090,938) 2008-08-22

[11] **2,735,125**
[13] C
[51] **Int.Cl. C08F 8/32 (2006.01) A43B 13/04 (2006.01) C08F 210/02 (2006.01) C08F 220/00 (2006.01) H01B 3/44 (2006.01) C08F 220/06 (2006.01)**
[25] EN
[54] **METHOD OF CROSSLINKING CARBOXYL-CONTAINING POLYMERS USING OLIGOAMINES**
[54] **PROCEDE DE RETICULATION DE POLYMERES CONTENANT UNE FONCTIONNALITE CARBOXYLE UTILISANT DES OLIGOAMINES**
[72] WASSERMAN, ERIC P., US
[72] CHAUDHARY, BHARAT I., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2011-02-23
[86] 2009-08-05 (PCT/US2009/052777)
[87] (WO2010/025013)
[30] US (61/091,594) 2008-08-25

[11] **2,735,359**
[13] C
[51] **Int.Cl. B61B 12/00 (2006.01)**
[25] EN
[54] **CABIN FOR CABLE CARS FOR ACCOMMODATING PASSENGERS AND/OR GOODS**
[54] **CABINE SERVANT A TRANSPORTER DES PASSAGERS ET/OU DES MARCHANDISES**
[72] GUBLER, DANIEL, CH
[73] CWA CONSTRUCTIONS SA, CH
[85] 2011-02-25
[86] 2009-08-20 (PCT/EP2009/060803)
[87] (WO2010/023157)
[30] CH (01383/08) 2008-08-29

[11] **2,736,980**
[13] C
[51] **Int.Cl. C07C 311/21 (2006.01) A61K 31/18 (2006.01) A61P 19/00 (2006.01) A61P 19/02 (2006.01) A61P 19/08 (2006.01) A61P 19/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 295/135 (2006.01)**
[25] EN
[54] **ARYL-PHENYL-SULFONAMIDE-PHENYLENE COMPOUNDS AND THEIR USE**
[54] **COMPOSES ARYL-PHENYL-SULFONAMINO-PHENYLENE ET LEURS UTILISATIONS**
[72] GREIG, IAIN ROBERT, GB
[72] SHERIDAN, ROSE MARY, GB
[72] FISHER, RAYMOND, GB
[72] TOZER, MATTHEW JOHN, GB
[72] CLASE, JUHA ANDREW, GB
[72] SMITH, ANDREW, GB
[72] TUFFNELL, ANDREW ROBERT, GB
[72] VAN 'T HOF, ROBERT JURGEN, GB
[73] PIMCO 2664 LIMITED, GB
[85] 2011-03-11
[86] 2009-09-18 (PCT/GB2009/002223)
[87] (WO2010/032010)
[30] US (61/098,275) 2008-09-19
[30] GB (0817208.2) 2008-09-19

[11] **2,737,164**
[13] C
[51] **Int.Cl. F24F 13/02 (2006.01) E21F 1/04 (2006.01) F24F 7/04 (2006.01)**
[25] EN
[54] **VENTILATION DUCT COLLET ASSEMBLY**
[54] **ASSEMBLAGE DE CONDUIT DE VENTILATION**
[72] PAQUET, ANDRE, CA
[72] PAQUET, CRISTIAN, CA
[73] MECANICAD INC., CA
[86] (2737164)
[87] (2737164)
[22] 2009-08-31
[62] 2,677,432
[30] US (61/149,846) 2009-02-04

[11] **2,738,481**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 4/12 (2009.01) G06F 3/01 (2006.01) G06F 3/048 (2013.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD FOR ASSISTED MESSAGE GENERATION**
[54] **PROCEDE DE GENERATION DE MESSAGES ASSISTEE**
[72] ORR, KEVIN, CA
[72] FYKE, STEVEN, CA
[72] DODS, JEFFREY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2738481)
[87] (2738481)
[22] 2011-05-02
[30] EP (10164714.7) 2010-06-02

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[11] **2,739,869**
[13] C
[51] **Int.Cl. C07D 405/10 (2006.01) A61K 51/00 (2006.01)**
[25] EN
[54] **RADIOLABELLED INHIBITORS OF THE GLYCINE 1 TRANSPORTER**
[54] **INHIBITEURS RADIOMARQUES DES TRANSPORTEURS 1 DE LA GLYCINE**
[72] ALBERATI, DANIELA, CH
[72] BORRONI, EDILIO MAURIZIO, CH
[72] HARTUNG, THOMAS, DE
[72] NORCROSS, ROGER, CH
[72] PINARD, EMMANUEL, FR
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2011-04-06
[86] 2009-10-26 (PCT/EP2009/064033)
[87] (WO2010/052143)
[30] EP (08168229.6) 2008-11-04

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[11] **2,740,232**
[13] C
[51] **Int.Cl. C08J 5/04 (2006.01) C08G 18/38 (2006.01) C08J 3/20 (2006.01) C08L 1/00 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **THERMOPLASTIC COMPOSITES CONTAINING LIGNOCELLULOSIC MATERIALS AND METHODS OF MAKING THE SAME**
[54] **COMPOSITES THERMOPLASTIQUES CONTENANT DES MATERIAUX LIGNOCELLULOSIQUES ET LEURS PROCEDES DE FABRICATION**
[72] GARDNER, DOUGLAS J., US
[72] WEST, CHRISTOPHER H., US
[72] HAN, YOUSOO, US
[73] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
[85] 2011-04-11
[86] 2009-10-15 (PCT/US2009/060766)
[87] (WO2010/045414)
[30] US (12/251,756) 2008-10-15

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[11] **2,740,313**
[13] C
[51] **Int.Cl. C07D 277/54 (2006.01) A61K 31/426 (2006.01) A61P 3/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) A61P 37/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF (R)-5-[3-CHLORO-4-(2, 3-DIHYDROXY-PROPOXY)-BENZ[Z]YLIDENE]-2-([Z]-PROPYLIMINO)-3-0-TOLYL-THIAZOLIDIN-4-ONE**
[54] **FORMES CRISTALLINES DE (R)-5[3-CHLORO-4-(2,3-DIHYDROXY-PROPOXY)-BENZ[Z]YLIDENE]-2-([Z]-PROPYLIMINO)-3-O-TOLYL-THIAZOLIDIN-4-ONE**
[72] BONHAM, NICHOLAS, GB
[72] BUCHMANN, STEPHAN, CH
[72] EBERLIN, ALEX, GB
[72] IMBODEN, CHRISTOPH, CH
[72] VON RAUMER, MARKUS, CH
[73] ACTELION PHARMACEUTICALS LTD, CH
[85] 2011-04-11
[86] 2009-10-19 (PCT/IB2009/054592)
[87] (WO2010/046835)
[30] GB (0819182.7) 2008-10-20

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[11] **2,741,056**
[13] C
[51] **Int.Cl. G07F 7/06 (2006.01) B65G 47/14 (2006.01) G07C 5/12 (2006.01)**
[25] EN
[54] **METHOD AND CONVEYOR DEVICE FOR THE RETURN OF EMPTIES, ESPECIALLY OF BOTTLES AND CANS**
[54] **PROCEDE ET INSTALLATION DE TRANSPORT POUR LE RECYCLAGE D'EMBALLAGES VIDES EN RETOUR, EN PARTICULIER DE BOUTEILLES ET DE BOITES**
[72] HANDSCHICK, BERT, DE
[72] LOENING, JOHANN, DE
[73] ENVIPCO HOLDING N.V., NL
[85] 2011-04-19
[86] 2009-10-20 (PCT/EP2009/007507)
[87] (WO2010/046085)
[30] DE (10 2008 052 330.5) 2008-10-20

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[11] **2,741,257**
[13] C
[51] **Int.Cl. B01J 8/26 (2006.01) C01B 3/16 (2006.01)**
[25] FR
[54] **METHOD FOR THE "CO SHIFT" CONVERSION OF A SYNTHESIS GAS IN A FAST FLUIDISED BED**
[54] **PROCEDE DE CONVERSION DE "CO SHIFT" D'UN GAZ DE SYNTHESE EN LIT FLUIDISE RAPIDE**
[72] MORIN, JEAN-XAVIER, FR
[73] MORIN, JEAN-XAVIER, FR
[85] 2011-04-20
[86] 2009-10-01 (PCT/FR2009/051870)
[87] (WO2010/052397)
[30] FR (0857481) 2008-11-04

[11] **2,741,348**
[13] C
[51] **Int.Cl. C07F 9/38 (2006.01) C02F 5/14 (2006.01) C23F 11/167 (2006.01)**
[25] EN
[54] **OLEFINICALLY UNSATURATED PHOSPHONATE COMPOUNDS, POLYMERS MADE THEREFROM AND THEIR USE**
[54] **COMPOSES PHOSPHONATES A INSATURATION OLEFINIQUE, POLYMERES FABRIQUES A PARTIR DE CES COMPOSES ET LEUR UTILISATION**
[72] HEATH, STEVE, GB
[72] MOIR, GORDON, GB
[72] ARCHIBALD, MARC, GB
[72] GOULDING, JOHN, GB
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2011-04-21
[86] 2009-10-06 (PCT/EP2009/007146)
[87] (WO2010/046026)
[30] EP (08018433.6) 2008-10-22

[11] **2,741,485**
[13] C
[51] **Int.Cl. H04W 80/02 (2009.01) H04L 12/70 (2013.01) H04B 1/707 (2011.01) H04J 11/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **FRAME STRUCTURES FOR A WIRELESS COMMUNICATION SYSTEM WITH MULTIPLE RADIO TECHNOLOGIES**
[54] **BATIS POUR DISPOSITIF DE COMMUNICATION SANS FIL A TECHNOLOGIES RADIO MULTIPLES**
[72] AGRAWAL, AVNEESH, US
[72] MALLADI, DURGA P., US
[72] STAMOULIS, ANASTASIOS, US
[72] MANTRAVADI, ASHOK, US
[72] MURALI, RAMASWAMY, US
[73] QUALCOMM INCORPORATED, US
[86] (2741485)
[87] (2741485)
[22] 2005-06-03
[62] 2,569,384
[30] US (60/577,083) 2004-06-04

[11] **2,741,560**
[13] C
[51] **Int.Cl. C02F 9/14 (2006.01) C02F 1/46 (2006.01) C02F 3/00 (2006.01) C25B 1/04 (2006.01) H01M 4/86 (2006.01) H01M 8/16 (2006.01)**
[25] EN
[54] **ELECTRODES FOR USE IN BACTERIAL FUEL CELLS AND BACTERIAL ELECTROLYSIS CELLS AND BACTERIAL FUEL CELLS AND BACTERIAL ELECTROLYSIS CELLS EMPLOYING SUCH ELECTRODES**
[54] **ELECTRODES DESTINEES A ETRE UTILISEES DANS DES PILES A COMBUSTIBLE BACTERIENNES ET DES CELLULES D'ELECTROLYSE BACTERIENNE, ET PILES A COMBUSTIBLE BACTERIENNES ET CELLULES D'ELECTROLYSE BACTERIENNE EMPLOYANT CES ELECTRODES**
[72] SHECHTER, RONEN ITZHAK, IL
[72] LEVY, EYTAN BARUCH, IL
[72] ESHED, LIOR, IL
[73] EMEFCY LIMITED, IL
[85] 2011-04-21
[86] 2009-11-01 (PCT/IL2009/001017)
[87] (WO2010/049936)
[30] US (61/198,027) 2008-10-30
[30] US (61/182,727) 2009-05-31

[11] **2,742,264**
[13] C
[51] **Int.Cl. C07H 13/06 (2006.01) C08J 9/04 (2006.01) C08K 5/1545 (2006.01) C08L 25/04 (2006.01) C08L 55/02 (2006.01) C09K 21/08 (2006.01)**
[25] EN
[54] **EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE**
[54] **MOUSSES DE POLYMERE EXTRUDEES CONTENANT DES ESTERS D'UN SUCRE ET UN ACIDE GRAS BROME COMME ADDITIF IGNIFUGEANT**
[72] HULL, JOHN W., JR., US
[72] KRUPER, WILLIAM J., JR., US
[72] ROWLANDS, JUSTIN CRAIG, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2011-04-29
[86] 2009-10-15 (PCT/US2009/060749)
[87] (WO2010/051163)
[30] US (61/109,953) 2008-10-31

[11] **2,742,437**
[13] C
[51] **Int.Cl. G01N 27/62 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE**
[72] GILES, KEVIN, GB
[72] HOYES, JOHN BRIAN, GB
[72] PRINGLE, STEVE, GB
[72] WILDGOOSE, JASON LEE, GB
[72] BATEMAN, ROBERT HAROLD, GB
[73] MICROMASS UK LIMITED, GB
[86] (2742437)
[87] (2742437)
[22] 2003-06-25
[62] 2,433,508
[30] GB (0214898.9) 2002-06-27
[30] GB (0303055.8) 2003-02-11
[30] GB (0308419.1) 2003-04-11

[11] **2,742,659**
[13] C
[51] **Int.Cl. A61K 38/24 (2006.01) A61K 9/08 (2006.01) A61K 47/04 (2006.01) A61K 47/10 (2006.01) A61K 47/12 (2006.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01) A61P 15/08 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITION CONTAINING FOLLICLE-STIMULATING HORMONE**
[54] **COMPOSITION AQUEUSE CONTENANT DE L'HORMONE FOLLICULOSTIMULANTE**
[72] ASADA, HAJIME, JP
[72] KATAOKA, HIROSHIGE, JP
[73] ASKA PHARMACEUTICAL CO., LTD., JP
[85] 2011-05-02
[86] 2009-11-02 (PCT/JP2009/005809)
[87] (WO2010/052879)
[30] JP (2008-283079) 2008-11-04
[30] JP (2009-216563) 2009-09-18

[11] **2,742,931**
[13] C
[51] **Int.Cl. B03D 1/01 (2006.01) B01F 17/00 (2006.01)**
[25] EN
[54] **MIXTURE OF AN AMINE ALKOXYLATE ESTER AND A QUATERNARY AMMONIUM COMPOUND AS A COLLECTOR FOR MINERALS CONTAINING SILICATE**
[54] **MELANGE D'UN ESTER ALCOXYLATE D'AMINE ET D'UN COMPOSE D'AMMONIUM QUATERNAIRE EN TANT QUE COLLECTEUR POUR MINERAUX CONTENANT DU SILICATE**
[72] PEDAIN, KLAUS ULRICH, DE
[72] DAHLMANN, UWE, DE
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2011-05-06
[86] 2009-10-06 (PCT/EP2009/007147)
[87] (WO2010/051895)
[30] DE (10 2008 056 338.2) 2008-11-07

[11] **2,743,470**
[13] C
[51] **Int.Cl. C10L 3/00 (2006.01) B01J 8/00 (2006.01) C10J 3/30 (2006.01) C10J 3/50 (2006.01)**
[25] EN
[54] **GASIFIER INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION DE GAZEIFIEUR**
[72] RATERMAN, MICHAEL F., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2011-05-11
[86] 2009-11-12 (PCT/US2009/006091)
[87] (WO2010/056334)
[30] US (61/198,917) 2008-11-12
[30] US (12/590,158) 2009-11-03

[11] **2,743,555**
[13] C
[51] **Int.Cl. C23C 20/00 (2006.01) G01N 21/71 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MEASURING A CHEMICAL COMPOSITION OF A LIQUID METAL SUITABLE FOR COATING A STEEL STRIP**
[54] **METHODE ET DISPOSITIF DE MESURE D'UNE COMPOSITION CHIMIQUE D'UN LIQUIDE METALLIQUE ADAPTE A UN REVETEMENT D'UNE BANDE D'ACIER**
[72] MICHAUT, MARC, FR
[72] GRENIER, BENJAMIN, FR
[73] PRIMETALS TECHNOLOGIES FRANCE SAS, FR
[85] 2011-05-12
[86] 2008-11-14 (PCT/FR2008/001608)
[87] (WO2010/055212)

[11] **2,743,621**
[13] C
[51] **Int.Cl. H04W 4/14 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD OF TRANSMITTING ELECTRONIC VOUCHER THROUGH SHORT MESSAGE**
[54] **SYSTEME ET PROCEDE DE TRANSMISSION DE JUSTIFICATIF ELECTRONIQUE PAR UN MESSAGE COURT**
[72] SHEN, WEI, CN
[72] LIU, JIA BING, CN
[72] GUO, XIAO WEI, CN
[72] WANG, SI PING, CN
[72] AI, FENG, CN
[72] ZHONG, LI DUO, CN
[73] GMEDIA TECHNOLOGY (BEIJING) CO., LTD., CN
[73] BEIJING SIGONE VENTURE LIMITED, CN
[85] 2011-05-12
[86] 2009-11-20 (PCT/CN2009/001288)
[87] (WO2010/057366)
[30] CN (200810226701.1) 2008-11-20

[11] **2,744,567**
[13] C
[51] **Int.Cl. G01S 7/292 (2006.01) G01S 13/34 (2006.01) G06F 1/03 (2006.01) H03B 23/00 (2006.01)**
[25] EN
[54] **SYSTEM EMPLOYING A DIRECT DIGITAL SYNTHESISER**
[54] **SYSTEME UTILISANT UN SYNTHETISEUR NUMERIQUE DIRECT**
[72] BEASLEY, PATRICK DAVID LAWRENCE, GB
[72] HODGES, DAVID GEORGE, GB
[72] HODGES, ROBERT DAVID, GB
[73] QINETIQ LIMITED, GB
[85] 2011-05-25
[86] 2009-11-19 (PCT/GB2009/002706)
[87] (WO2010/061170)
[30] GB (0821613.7) 2008-11-26

[11] **2,747,102**
[13] C
[51] **Int.Cl. A23D 9/00 (2006.01) A23G 9/00 (2006.01) A23G 9/04 (2006.01) A23G 9/24 (2006.01) A23G 9/32 (2006.01) A23G 9/48 (2006.01)**
[25] EN
[54] **COATING COMPOSITION FOR FROZEN CONFECTIONS**
[54] **COMPOSITION DE REVETEMENT POUR CONFECTIONS CONGELEES**
[72] DILLEY, KEVIN MICHAEL, GB
[72] MCDOUGALL, MARY ELIZABETH, GB
[72] SMITH, KEVIN WARREN, GB
[72] UNDERDOWN, JEFFREY, GB
[73] UNILEVER PLC, GB
[85] 2011-06-15
[86] 2009-11-19 (PCT/EP2009/065448)
[87] (WO2010/072481)
[30] EP (08172786.9) 2008-12-23

[11] **2,747,722**
[13] C
[51] **Int.Cl. A23G 4/08 (2006.01)**
[25] EN
[54] **CHEWING GUM AND GUM BASES CONTAINING HIGHLY SUBSTITUTED STARCH SHORT CHAIN CARBOXYLATES**
[54] **GOMME A MACHER ET BASES DE GOMME CONTENANT DES CARBOXYLATES A CHAINE COURTE A AMIDON FORTEMENT SUBSTITUE**
[72] LIU, JINGPING, US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2011-06-17
[86] 2009-12-18 (PCT/US2009/068719)
[87] (WO2010/080612)
[30] US (61/138,781) 2008-12-18

[11] **2,748,592**
[13] C
[51] **Int.Cl. C23C 2/30 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **FLUX AND FLUXING BATH FOR HOT DIP GALVANIZATION, PROCESS FOR THE HOT DIP GALVANIZATION OF AN IRON OR STEEL ARTICLE**
[54] **FONDANT ET BAIN DE FLUXAGE POUR GALVANISATION A CHAUD, ET PROCEDE DE GALVANISATION A CHAUD D'UN ARTICLE EN FER OU EN ACIER**
[72] WARICHET, DAVID, BE
[72] KONE, GENTIANA, BE
[72] VERVISCH, ANTHONY, BE
[73] FONTAINE HOLDINGS NV, BE
[85] 2011-06-29
[86] 2010-01-18 (PCT/EP2010/050542)
[87] (WO2010/081905)
[30] EP (09150777.2) 2009-01-16

[11] **2,749,069**
[13] C
[51] **Int.Cl. C10L 1/16 (2006.01) C10L 10/00 (2006.01)**
[25] EN
[54] **METHOD FOR MODIFYING THE VOLATILITY OF PETROLEUM PRIOR TO ETHANOL ADDITION**
[54] **PROCEDE DESTINE A MODIFIER LA VOLATILITE DU PETROLE AVANT L'AJOUT D'ETHANOL**
[72] MATTINGLY, LARRY D., US
[72] VANDERBUR, STEVEN M., US
[73] MCE BLENDING INTERNATIONAL LLC, US
[85] 2011-07-06
[86] 2010-01-06 (PCT/US2010/020207)
[87] (WO2010/083077)
[30] US (61/144,379) 2009-01-13
[30] US (12/569,698) 2009-09-29

[11] **2,749,497**
[13] C
[51] **Int.Cl. H04W 8/20 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR ENABLING ACCESS OF A FIRST MOBILE ELECTRONIC DEVICE TO AT LEAST ONE NETWORK ACCESSIBLE BY A SECOND MOBILE ELECTRONIC DEVICE**
[54] **PROCEDE, SYSTEME ET APPAREIL SERVANT A PERMETTRE A UN PREMIER DISPOSITIF ELECTRONIQUE MOBILE D'ACCEDER A AU MOINS UN RESEAU ACCESSIBLE AU MOYEN D'UN DEUXIEME DISPOSITIF ELECTRONIQUE MOBILE**
[72] BROWN, DAVID ANDREW, CA
[72] LITTLE, HERBERT ANTHONY, CA
[72] CELAYA, MARCEL, CA
[73] BLACKBERRY LIMITED, CA
[86] (2749497)
[87] (2749497)
[22] 2011-08-18
[30] US (61/386,716) 2010-09-27
[30] US (13/034,796) 2011-02-25

[11] **2,749,545**
[13] C
[51] **Int.Cl. F16L 5/02 (2006.01) B65D 47/44 (2006.01) F16J 15/50 (2006.01) F16J 15/56 (2006.01) A61M 39/02 (2006.01) G01D 11/24 (2006.01)**
[25] EN
[54] **DUAL SEALING SYSTEM FOR USE WITH A PROBE**
[54] **SYSTEME DE DOUBLE ETANCHEITE POUR UTILISATION AVEC UNE SONDE**
[72] LABEAN, ROBERT J., US
[72] OLECHOWSKI, GREGORY M., US
[72] HATTON, JASON D., US
[72] HESS, JOHN MILLER, III, US
[72] HUBER, ROBERT, JR., US
[73] APTARGROUP, INC., US
[85] 2011-07-13
[86] 2010-01-21 (PCT/US2010/000146)
[87] (WO2010/087943)
[30] US (12/322,425) 2009-02-02

[11] **2,749,842**
[13] C
[51] **Int.Cl. A47J 43/28 (2006.01) A47J 36/00 (2006.01) A47J 45/06 (2006.01)**
[25] EN
[54] **COOKING VESSEL AND UTENSIL**
[54] **APPAREIL DE CUISSON ET USTENSILE**
[72] BOURBEAU, NICOLAS, CA
[72] NGUYEN, THAO, CA
[73] LES PROMOTIONS ATLANTIQUES INC. / ATLANTIC PROMOTIONS INC., CA
[86] (2749842)
[87] (2749842)
[22] 2011-08-11

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[11] **2,751,315**
[13] C
[51] **Int.Cl. C25C 7/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR STRIPPING METAL FROM A CATHODE PLATE**
[54] **APPAREIL POUR LE DECAPAGE D'UN METAL D'UNE PLAQUE DE CATHODE**
[72] RUDDELL, ANTHONY JOHN, AU
[72] ERIKSSON, PER OLA, AU
[72] SCHULTE, JASON CAMERON, AU
[72] YEK, GAVIN SUE, AU
[73] GLENCORE TECHNOLOGY PTY LIMITED, AU
[85] 2011-08-02
[86] 2010-02-05 (PCT/AU2010/000122)
[87] (WO2010/088737)
[30] AU (2009900477) 2009-02-06

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[11] **2,752,009**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **OROSOLUBLE AND/OR EFFERVESCENT COMPOSITIONS CONTAINING AT LEAST A SALT OF S-ADENOSYL METHIONINE (SAME)**
[54] **COMPOSITIONS ORALEMENT SOLUBLES ET/OU EFFERVESCENTES CONTENANT AU MOINS UN SEL DE S-ADENOSYL METHIONINE (SAME)**
[72] SENECI, ALESSANDRO, IT
[73] GRAAL SRL, IT
[85] 2011-08-09
[86] 2010-01-11 (PCT/IB2010/050087)
[87] (WO2010/089674)
[30] IT (MI2009A000162) 2009-02-09
[30] US (61/219,553) 2009-06-23

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[11] **2,753,228**
[13] C
[51] **Int.Cl. G06F 9/455 (2006.01) G06F 12/02 (2006.01)**
[25] EN
[54] **VIRTUAL NON-UNIFORM MEMORY ARCHITECTURE FOR VIRTUAL MACHINES**
[54] **ARCHITECTURE MEMOIRE NON UNIFORME VIRTUELLE POUR DES MACHINES VIRTUELLES**
[72] OSHINS, JACOB, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-08-19
[86] 2010-03-19 (PCT/US2010/028034)
[87] (WO2010/111149)
[30] US (12/412,272) 2009-03-26

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[11] **2,754,775**
[13] C
[51] **Int.Cl. A61B 3/107 (2006.01) A61B 3/028 (2006.01) A61B 5/00 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **SYSTEM FOR CHARACTERIZING A CORNEA AND OBTAINING AN OPHTHALMIC LENS**
[54] **SYSTEME PERMETTANT DE CARACTERISER UNE CORNEE ET D'OBTENIR UNE LENTILLE OPHTALMIQUE**
[72] BILLE, JOSEF F., DE
[73] PERFECT IP, LLC, US
[85] 2011-09-01
[86] 2010-03-04 (PCT/US2010/026281)
[87] (WO2010/102156)
[30] US (61/209,362) 2009-03-04
[30] US (61/209,363) 2009-03-04
[30] US (61/181,420) 2009-05-27
[30] US (61/181,519) 2009-05-27
[30] US (61/181,525) 2009-05-27

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[11] **2,757,434**
[13] C
[51] **Int.Cl. B29C 55/10 (2006.01) B29C 55/20 (2006.01)**
[25] EN
[54] **DEVICE FOR STRETCHING FILM SECTIONS IN A MONOAXIAL OR BIAXIAL MANNER**
[54] **DISPOSITIF D'ETIRAGE MONOAXIAL OU BIAXIAL DE SECTIONS DE FEUILLES**
[72] COLLIN, HEINRICH, DE
[73] DR. COLLIN GMBH, DE
[85] 2011-09-30
[86] 2010-03-12 (PCT/EP2010/053205)
[87] (WO2010/115677)
[30] DE (102009003751.9) 2009-04-06

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[11] **2,759,879**
[13] C
[51] **Int.Cl. G04G 21/00 (2010.01) A63B 69/00 (2006.01)**
[25] EN
[54] **ATHLETIC WATCH**
[54] **MONTRE D'ATHLETISME**
[72] BROWN, MILES, US
[72] CAPOZZI, MATT, US
[72] HOFFMAN, MICHAEL T., US
[72] LAKOVIC, TOMISLAV, US
[72] WEAST, AARON B., US
[73] NIKE INNOVATE C.V., US
[85] 2011-10-24
[86] 2010-04-26 (PCT/US2010/032401)
[87] (WO2010/126825)
[30] US (61/172,769) 2009-04-26

[11] **2,759,952**
[13] C
[51] **Int.Cl. B65G 1/10 (2006.01) A47B 53/00 (2006.01) B65G 1/08 (2006.01)**
[25] EN
[54] **PUSH-BACK CART STORAGE SYSTEM WITH A TOP CART ROLLING ON TOP OF PUSH-BACK RAILS**
[54] **SYSTEME DE RANGEMENT DE CHARIOTS PAR RETRO-POUSSAGE CONCU POUR QUE LES ROUES DU PREMIER CHARIOT SE POSITIONNENT PAR-DESSUS LES RAILS DE RETRO-POUSSAGE**
[72] KRUMMELL, JOHN, US
[72] DAVISON, KENNETH, US
[73] J.C.M. INDUSTRIES, INC., US
[86] (2759952)
[87] (2759952)
[22] 2011-11-30
[30] US (12/969,439) 2010-12-15

[11] **2,760,826**
[13] C
[51] **Int.Cl. G06F 21/36 (2013.01) H04W 12/06 (2009.01) G07C 3/00 (2006.01)**
[25] EN
[54] **MULTI-LAYERED COLOR-SENSITIVE PASSWORDS**
[54] **MOTS DE PASSE MULTI-COUCHES SENSIBLES A LA COULEUR**
[72] GRIFFIN, JASON TYLER, CA
[72] FYKE, STEVEN HENRY, CA
[72] ADAMS, NEIL PATRICK, CA
[72] BROWN, MICHAEL KENNETH, CA
[72] PASQUERO, JEROME, CA
[73] BLACKBERRY LIMITED, CA
[86] (2760826)
[87] (2760826)
[22] 2011-12-05
[30] EP (10195349.5) 2010-12-16

[11] **2,760,859**
[13] C
[51] **Int.Cl. G01F 1/84 (2006.01)**
[25] EN
[54] **A FLOW METER INCLUDING A BALANCED REFERENCE MEMBER**
[54] **DEBITMETRE COMPRENANT UN ELEMENT DE REFERENCE EQUILIBRE**
[72] LANHAM, GREGORY TREAT, US
[72] WERBACH, CHRISTOPHER A., US
[73] MICRO MOTION, INC., US
[85] 2011-11-03
[86] 2009-05-11 (PCT/US2009/043418)
[87] (WO2010/132048)

[11] **2,760,938**
[13] C
[51] **Int.Cl. G06F 21/34 (2013.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **VERIFICATION OF PORTABLE CONSUMER DEVICES**
[54] **VERIFICATION DE DISPOSITIFS PORTATIFS CLIENTS**
[72] HAMMAD, AYMAN, US
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2011-11-03
[86] 2010-05-14 (PCT/US2010/034960)
[87] (WO2010/132808)
[30] US (61/178,636) 2009-05-15
[30] US (12/712,148) 2010-02-24

[11] **2,761,800**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-HUMAN CD52 IMMUNOGLOBULINS**
[54] **IMMUNOGLOBULINES ANTI-CD52 HUMAIN**
[72] ROBERTS, BRUCE L., US
[72] SHANKARA, SRINIVAS, US
[72] BRONDYK, WILLIAM HAROLD, US
[72] SIDERS, WILLIAM M., US
[73] GENZYME CORPORATION, US
[85] 2011-11-10
[86] 2010-05-13 (PCT/US2010/034704)
[87] (WO2010/132659)
[30] US (61/177,837) 2009-05-13

[11] **2,761,819**
[13] C
[51] **Int.Cl. G01V 5/04 (2006.01) E21B 47/00 (2012.01) G01V 13/00 (2006.01)**
[25] EN
[54] **DOWNHOLE SENSOR TOOL FOR NUCLEAR MEASUREMENTS**
[54] **OUTIL DE CAPTEUR DE FOND DE TROU POUR DES MESURES NUCLEAIRES**
[72] ORTIZ, RICARDO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2011-11-10
[86] 2010-05-20 (PCT/US2010/035672)
[87] (WO2010/135591)
[30] US (61/180,081) 2009-05-20

[11] **2,761,949**
[13] C
[51] **Int.Cl. G06F 17/50 (2006.01) G06F 3/14 (2006.01) G06F 9/44 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **SOLVER-BASED VISUALIZATION FRAMEWORK**
[54] **LOGICIEL INTEGRE DE VISUALISATION BASE SUR DES RESOLVEURS**
[72] BECKMAN, BRIAN C., US
[72] GREEN, DAVID G., US
[72] MITAL, VIJAY, US
[72] RUBIN, DARRYL E., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-11-14
[86] 2010-06-18 (PCT/US2010/039268)
[87] (WO2010/148364)
[30] US (12/488,201) 2009-06-19

[11] **2,763,880**
[13] C
[51] **Int.Cl. A61H 99/00 (2006.01)**
[25] EN
[54] **INFLATABLE WEARABLE DEEP PRESSURE THERAPY SYSTEMS**
[54] **SYSTEME PORTABLE GONFLABLE POUR THERAPIE PAR PRESSION PROFONDE**
[72] FRASER, LISA, CA
[73] WEARABLE THERAPEUTICS INC., CA
[86] (2763880)
[87] (2763880)
[22] 2012-01-12

[11] **2,765,825**
[13] C
[51] **Int.Cl. B01J 20/22 (2006.01) B01D 53/14 (2006.01) B01D 53/40 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **ACID GAS SCRUBBING COMPOSITION**
[54] **COMPOSITION D'EPURATION DE GAZ ACIDE**
[72] BLAIR, ALAN M., GB
[72] GARSIDE, KEITH N., GB
[72] ANDREWS, WILLIAM J., US
[72] SAWANT, KAILAS B., US
[73] NALCO COMPANY, US
[85] 2011-12-16
[86] 2010-06-29 (PCT/US2010/040381)
[87] (WO2011/002767)
[30] US (12/494,533) 2009-06-30

[11] **2,767,068**
[13] C
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/381 (2006.01)**
[25] EN
[54] **POLYVINYLPYRROLIDONE FOR THE STABILIZATION OF A SOLID DISPERSION OF THE NON-CRYSTALLINE FORM OF ROTIGOTINE**
[54] **POLYVINYLPYRROLIDONE DESTINEE A LA STABILISATION D'UNE DISPERSION SOLIDE DE LA FORME NON CRISTALLINE DE LA ROTIGOTINE**
[72] WOLFF, HANS-MICHAEL, DE
[72] ARTH, CHRISTOPH, DE
[72] QUERE, LUC, BE
[72] MUELLER, WALTER, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[73] UCB BIOPHARMA SPRL, BE
[85] 2011-12-30
[86] 2010-12-22 (PCT/EP2010/070563)
[87] (WO2011/076879)
[30] US (61/289,302) 2009-12-22

[11] **2,767,242**
[13] C
[51] **Int.Cl. F28F 21/08 (2006.01) B23K 1/00 (2006.01) F28D 1/02 (2006.01)**
[25] EN
[54] **COPPER ALLOY FOR HEAT EXCHANGER TUBE**
[54] **ALLIAGE DE CUIVRE POUR TUBE D'ECHANGEUR DE CHALEUR**
[72] FINNEY, PARKER M., US
[72] IGNBERG, LARZ, SE
[72] KAMF, ANDERS, US
[72] GOEBEL, TIM, US
[72] GONG, ERIC, US
[72] ROTTMAN, ED, US
[73] LUVATA ESPOO OY, FI
[85] 2012-01-03
[86] 2010-07-08 (PCT/US2010/041313)
[87] (WO2011/005926)
[30] US (61/224,671) 2009-07-10

[11] **2,767,862**
[13] C
[51] **Int.Cl. H04W 12/00 (2009.01) G06F 21/50 (2013.01) H04L 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR ADAPTING SECURITY MEASURES OF A COMMUNICATION NETWORK BASED ON FEEDBACK**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES INFORMATIQUES POUR ADAPTER LES MESURES DE SECURITE D'UN RESEAU DE COMMUNICATION SUR LA BASE D'UN RETOUR D'INFORMATIONS**
[72] BAILEY, SAMUEL A., JR., US
[73] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2012-01-11
[86] 2010-07-15 (PCT/US2010/042043)
[87] (WO2011/008902)
[30] US (12/504,828) 2009-07-17

[11] **2,767,947**
[13] C
[51] **Int.Cl. A23D 9/00 (2006.01) C11B 5/00 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING AN EDIBLE OIL, CHARACTERIZED BY AN INCREASED SHELF-LIFE, AND EDIBLE OIL OBTAINABLE BY SUCH METHOD**
[54] **PROCEDE DE PREPARATION D'UNE HUILE COMESTIBLE, CARACTERISEE PAR UNE DUREE DE CONSERVATION PLUS LONGUE, ET HUILE COMESTIBLE POUVANT ETRE OBTENUE PAR UN TEL PROCEDE**
[72] BRACCO, UMBERTO, CH
[72] MORCHIO, GIOVANNI, IT
[72] LEONARDI, MAURO, IT
[72] MOCETTI, IVANO, IT
[73] COSTA D'ORO S.P.A., IT
[85] 2012-01-12
[86] 2009-04-10 (PCT/IT2009/000158)
[87] (WO2010/116392)

[11] **2,769,834**
[13] C
[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **USE OF 2-AMINO-2-METHYL-1-PROPANOL AS ADDITIVE IN AQUEOUS SUSPENSIONS OF CALCIUM CARBONATE COMPRISING MATERIALS**
[54] **UTILISATION DE 2-AMINO-2-METHYL-1-PROPANOL COMME ADDITIF DANS DES SUSPENSIONS AQUEUSES DE MATIERES COMPRENANT DU CARBONATE DE CALCIUM**
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] GANE, PATRICK ARTHUR CHARLES, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2012-02-01
[86] 2010-08-05 (PCT/IB2010/053546)
[87] (WO2011/016003)
[30] EP (09167246.9) 2009-08-05
[30] US (61/274,020) 2009-08-12

[11] **2,769,845**
[13] C
[51] **Int.Cl. B65H 19/26 (2006.01) B65H 35/00 (2006.01)**
[25] EN
[54] **METHOD IN TURN-UP OF REELING OF FIBER WEBS AND A TURN-UP DEVICE FOR A REEL-UP OF FIBER WEBS**
[54] **METHODE D'ENROULEMENT DE TOILES EN FIBRE ET DISPOSITIF D'ENROULEMENT DESDITES TOILES EN FIBRE**
[72] TIITTA, JARI, FI
[72] KOJO, TEPPO, FI
[72] SIMPANEN, PENTTI, FI
[72] TUOMINEN, AKI, FI
[73] METSO PAPER, INC., FI
[86] (2769845)
[87] (2769845)
[22] 2012-02-29
[30] EP (11160819) 2011-04-01

[11] **2,770,182**
[13] C
[51] **Int.Cl. A61N 1/04 (2006.01) A61M 27/00 (2006.01) A61N 1/20 (2006.01) A61N 1/24 (2006.01)**
[25] EN
[54] **SURGICAL WOUND DRESSING INCORPORATING CONNECTED HYDROGEL BEADS HAVING AN EMBEDDED ELECTRODE THEREIN AND RELATED METHODS THEREFOR**
[54] **PANSEMENT CHIRURGICAL INCORPORANT DES BILLES D'HYDROGEL CONNECTEES DANS LESQUELLES UNE ELECTRODE EST NOYEE ET PROCEDES CONNEXES**
[72] MALHI, ARNAZ, US
[73] TYCO HEALTHCARE GROUP LP, CA
[85] 2012-02-03
[86] 2010-08-05 (PCT/US2010/044497)
[87] (WO2011/017489)
[30] US (61/231,370) 2009-08-05

[11] **2,771,081**
[13] C
[51] **Int.Cl. H04W 52/54 (2009.01) H04W 52/34 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR POWER SHARING CARRIER SET FOR CARRIER AGGREGATION**
[54] **METHODE ET APPAREIL DE PARTAGE D'ALIMENTATION D'UN ENSEMBLE DE PORTEURS POUR UN GROUPE DE PORTEURS**
[72] HEO, YOUN HYOUNG, CA
[72] FONG, MO-HAN, CA
[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
[72] EARNSHAW, MARK, CA
[72] XU, HUA, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-02-13
[86] 2010-08-09 (PCT/US2010/044881)
[87] (WO2011/019653)
[30] US (61/234,023) 2009-08-14

[11] **2,771,282**
[13] C
[51] **Int.Cl. H04W 40/22 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING USE OF A MOBILE HOTSPOT FUNCTION IN A WIRELESS DEVICE**
[54] **PROCEDE ET SYSTEME POUR LA SURVEILLANCE D'UNE FONCTION DE POINT D'ACCES SANS FIL MOBILE DANS UN DISPOSITIF MOBILE**
[72] DEU-NGOC, JOSEPH TU-LONG, CA
[72] THOMPSON, JEREMY, CA
[72] GAMMON, SCOTT PETER, CA
[73] BLACKBERRY LIMITED, CA
[86] (2771282)
[87] (2771282)
[22] 2012-03-13
[30] EP (EP11158133.6) 2011-03-14

[11] **2,772,312**
[13] C
[51] **Int.Cl. H05K 1/00 (2006.01)**
[25] EN
[54] **PLUG CONNECTOR AND MULTI-LAYER CIRCUIT BOARD**
[54] **CONNECTEUR ET CARTE DE CIRCUITS IMPRIMES MULTICOUCHE**
[72] LAPPOEHN, JUERGEN, DE
[73] ERNI PRODUCTION GMBH & CO. KG, DE
[85] 2012-02-27
[86] 2010-08-17 (PCT/EP2010/005033)
[87] (WO2011/023317)
[30] EP (09011143.6) 2009-08-31

[11] **2,775,620**
[13] C
[51] **Int.Cl. A61H 31/00 (2006.01) A61H 23/04 (2006.01)**
[25] EN
[54] **CPR COMPRESSION DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE DE COMPRESSION RCR**
[72] HALL, GREGORY W., US
[72] KATZ, BOB, US
[72] JENSEN, JAMES O., US
[72] ESCUDERO, PAUL, US
[72] SHERMAN, DARREN R., US
[73] ZOLL CIRCULATION, INC., US
[86] (2775620)
[87] (2775620)
[22] 2003-07-09
[62] 2,491,965
[30] US (10/192,771) 2002-07-10

[11] **2,776,172**
[13] C
[51] **Int.Cl. E21B 47/07 (2012.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FLOW MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE GESTION DE DEBIT**
[72] JOHNSON, LEN, CA
[72] AIREY, JONATHAN E., CA
[72] CONQUERGOOD, STEVE, CA
[73] ADVANCED FLOW TECHNOLOGIES INC., CA
[86] (2776172)
[87] (2776172)
[22] 2012-05-02
[30] US (61/521,647) 2011-08-09

[11] **2,777,218**
[13] C
[51] **Int.Cl. A61K 9/26 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **FAST DISSOLVING SOLID DOSAGE FORM**
[54] **FORME POSOLOGIQUE SOLIDE A DISSOLUTION RAPIDE**
[72] LIM, CHIN BENG STEPHEN, AU
[72] SUNDERLAND, VIVIAN BRUCE, AU
[72] LEE, YIP HANG EDDY, SG
[73] IX BIOPHARMA LTD., SG
[85] 2012-04-10
[86] 2010-10-26 (PCT/SG2010/000409)
[87] (WO2011/053251)
[30] SG (200907221-6) 2009-10-30

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[11] **2,777,969**
[13] C
[51] **Int.Cl. F16M 11/04 (2006.01) A47B 21/04 (2006.01)**
[25] EN
[54] **DUAL BAR LINKAGE MONITOR SUPPORT WITH ADJUSTMENT FEATURE**
[54] **SUPPORT DE MONITEUR A DOUBLES BARRES AVEC REGLAGE**
[72] FALLOWS, SIMON, CA
[73] WATERLOO FURNITURE COMPONENTS LIMITED, CA
[86] (2777969)
[87] (2777969)
[22] 2012-05-23
[30] US (13/176,069) 2011-07-05

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[11] **2,780,350**
[13] C
[51] **Int.Cl. G01C 15/00 (2006.01) B61K 9/08 (2006.01)**
[25] EN
[54] **RUNWAY MEASUREMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MESURE DE PISTE DE DECOLLAGE**
[72] SUNIO, JUHA, FI
[72] NOUSIAINEN, JONNA, FI
[72] PEKKARINEN, MATTI, FI
[73] KONECRANES GLOBAL CORPORATION, FI
[85] 2012-05-09
[86] 2009-11-10 (PCT/FI2009/050904)
[87] (WO2011/058212)

---

[11] **2,780,524**
[13] C
[51] **Int.Cl. F16K 31/04 (2006.01) F16K 31/50 (2006.01)**
[25] EN
[54] **COUPLING APPARATUS FOR USE WITH ELECTRIC ACTUATORS**
[54] **APPAREIL D'ACCOUPLEMENT DESTINE A ETRE UTILISE AVEC DES ACTIONNEURS ELECTRIQUES**
[72] SCHADE, ROSS A., US
[72] PESEK, THOMAS, US
[72] WILKE, GALEN DALE, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2012-05-10
[86] 2010-10-22 (PCT/US2010/053845)
[87] (WO2011/059677)
[30] US (12/618,476) 2009-11-13

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[11] **2,781,161**
[13] C
[51] **Int.Cl. C01B 33/02 (2006.01)**
[25] EN
[54] **SILICON ELECTROMAGNETIC CASTING APPARATUS**
[54] **APPAREIL DE COULAGE ELECTROMAGNETIQUE POUR DU SILICIUM**
[72] KANEKO, KYOJIRO, JP
[73] CONSARC CORPORATION, US
[85] 2012-05-17
[86] 2009-12-25 (PCT/JP2009/071620)
[87] (WO2011/077556)

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[11] **2,781,279**
[13] C
[51] **Int.Cl. D21F 1/00 (2006.01) D21F 11/00 (2006.01)**
[25] EN
[54] **BELT HAVING SEMICONTINUOUS PATTERNS AND NODES**
[54] **COURROIE COMPORTANT DES MOTIFS ET DES NOEUDS SEMI-CONTINUS**
[72] SPITZER, REBECCA HOWLAND, US
[72] OSTENDORF, WARD WILLIAM, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-05-17
[86] 2010-11-18 (PCT/US2010/057128)
[87] (WO2011/063062)
[30] US (61/262,608) 2009-11-19

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[11] **2,786,035**
[13] C
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/28 (2006.01) A61B 17/29 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **AN UNDERCUTTING SYSTEM FOR PREPARING SACROILIAC FUSION**
[54] **SYSTEME DE FUSION SACRO-ILIAQUE**
[72] ASSELL, ROBERT, US
[72] CARR, JEREMY THOMAS, US
[72] DICKHUDT, EUGENE ARTHUR, US
[72] BERG, THOMAS GODFREY, US
[72] BEAUBIEN, BRIAN P., US
[73] ZYGA TECHNOLOGY, INC., US
[85] 2012-06-29
[86] 2010-12-22 (PCT/US2010/061807)
[87] (WO2011/082068)
[30] US (61/292,021) 2010-01-04
[30] US (12/938,976) 2010-11-03

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[11] **2,786,211**
[13] C
[51] **Int.Cl. A23L 19/00 (2016.01) A23L 33/10 (2016.01) A23L 33/12 (2016.01) A23L 33/135 (2016.01) A23L 33/175 (2016.01) A23L 33/21 (2016.01) A23L 19/15 (2016.01) A23B 7/02 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITIONS COMPRISING FRUIT FLAKES INCLUDING DOCOSAHEXAENOIC ACID**
[54] **COMPOSITIONS NUTRITIONNELLES COMPRENANT DES FLOCONS DE FRUITS CONTENANT DE L'ACIDE DOCOSAHEXENOIQUE**
[72] CHAVEZ, GABRIELA, MX
[73] NESTEC S.A., CH
[85] 2012-06-27
[86] 2010-11-05 (PCT/MX2010/000126)
[87] (WO2011/081509)
[30] US (61/290,609) 2009-12-29

[11] **2,786,269**
[13] C
[51] **Int.Cl. G05D 9/04 (2006.01) E21B 43/12 (2006.01) E21B 43/18 (2006.01) F04B 49/04 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **FLUID LEVEL CONTROL MECHANISM**
[54] **MECANISME DE COMMANDE DE NIVEAU DE LIQUIDE**
[72] FILIPPI, WILLIAM K., US
[73] FILIPPI, WILLIAM K., US
[86] (2786269)
[87] (2786269)
[22] 2012-08-16
[30] US (13/479,166) 2012-05-23

[11] **2,786,801**
[13] C
[51] **Int.Cl. H04W 52/32 (2009.01) H04W 74/04 (2009.01)**
[25] EN
[54] **CONTROL CHANNEL INTERFERENCE MANAGEMENT FOR HETEROGENEOUS NETWORK VIA AN EXTENDED PDCCH**
[54] **GESTION DES INTERFERENCES DE CANAL DE COMMANDE POUR UN RESEAU HETEROGENE PAR L'INTERMEDIAIRE D'UN CANAL PHYSIQUE DE COMMANDE DE LIAISON DESCENDANTE (PDCCH) ETENDU**
[72] FONG, MO-HAN, CA
[72] HEO, YOUN HYOUNG, KR
[72] XU, HUA, CA
[72] SMITH, JACK ANTHONY, US
[72] EARNSHAW, ANDREW MARK, CA
[72] NOVAK, ROBERT, CA
[72] CAI, ZHIJUN, US
[72] MCBEATH, SEAN, US
[73] BLACKBERRY LIMITED, CA
[85] 2012-07-09
[86] 2011-01-07 (PCT/US2011/020509)
[87] (WO2011/085192)
[30] US (61/294,089) 2010-01-11

[11] **2,787,650**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61L 27/04 (2006.01) A61L 27/06 (2006.01) A61L 27/34 (2006.01)**
[25] EN
[54] **TRICUSPID RING**
[54] **ANNEAU TRICUSPIDE**
[72] BRUNNETT, WILLIAM C., US
[72] CURTIS, ALISON S., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2012-07-19
[86] 2011-01-21 (PCT/US2011/021996)
[87] (WO2011/091222)
[30] US (61/297,686) 2010-01-22
[30] US (13/010,079) 2011-01-20

[11] **2,788,925**
[13] C
[51] **Int.Cl. A61G 5/06 (2006.01) A61G 5/04 (2013.01) B62D 55/075 (2006.01) B62D 61/10 (2006.01)**
[25] FR
[54] **DEVICE ENABLING AN ELECTRIC WHEELCHAIR TO CROSS OBSTACLES**
[54] **DISPOSITIF DE FRANCHISSEMENT D'OBSTACLE POUR FAUTEUIL ROULANT ELECTRIQUE**
[72] OHRUH, MICHEL, FR
[73] NEW LIVE, FR
[85] 2012-08-01
[86] 2011-02-07 (PCT/FR2011/050250)
[87] (WO2011/095753)
[30] FR (1050828) 2010-02-05

[11] **2,789,779**
[13] C
[51] **Int.Cl. B01J 8/34 (2006.01) C10G 9/30 (2006.01)**
[25] EN
[54] **CIRCULATING FLUID BED REACTOR WITH IMPROVED CIRCULATION**
[54] **REACTEUR A LIT FLUIDE CIRCULANT POSSEDANT UNE CIRCULATION AMELIOREE**
[72] WYATT, JOHN THEODORE, JR., US
[72] JONES, E. NICHOLAS, US
[72] CHEN, ALVIN U., US
[72] SUTTON, CLAY R., US
[72] HEALY, TIMOTHY M., US
[72] SURYO, RONALD, US
[72] LAMPERT, LEN, CA
[72] MILLER, JONATHAN, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-08-14
[86] 2011-02-22 (PCT/US2011/025656)
[87] (WO2011/106303)
[30] US (61/307,210) 2010-02-23

[11] **2,792,078**
[13] C
[51] **Int.Cl. C10L 1/02 (2006.01) C10G 3/00 (2006.01) C10G 11/05 (2006.01) C10G 45/64 (2006.01)**
[25] EN
[54] **HYDROPROCESSING OF DIESEL RANGE BIOMOLECULES**
[54] **HYDROTRAITEMENT DE BIOMOLECULES DE TYPE GAZOLE**
[72] HANKS, PATRICK L., US
[72] OLIVERI, CHRISTOPHER G., US
[72] NOVAK, WILLIAM J., US
[72] HILBERT, TIMOTHY L., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-09-05
[86] 2011-03-09 (PCT/US2011/027664)
[87] (WO2011/112661)
[30] US (61/339,791) 2010-03-09

[11] **2,792,806**
[13] C
[51] **Int.Cl. G06F 3/042 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **TOUCH TRACKING OPTICAL INPUT DEVICE**
[54] **DISPOSITIF DE SAISIE OPTIQUE A PAVE TACTILE**
[72] MASSER, PAUL, CA
[72] PEGG, ALBERT MURRAY, CA
[72] KYOWSKI, TIMOTHY HERBERT, CA
[72] HUANG, LI, CA
[72] BOOMHOUR, BENJAMIN WILLIAM, CA
[72] SULEM, FIRMANSYAH KUNCOKO, CA
[72] BOKA, ARTHUR CAROL, CA
[73] RESEARCH IN MOTION LIMITED, CA
[86] (2792806)
[87] (2792806)
[22] 2012-10-19
[30] US (13/299,468) 2011-11-18

---

[11] **2,794,933**
[13] C
[51] **Int.Cl. B63B 21/50 (2006.01) E02B 17/00 (2006.01)**
[25] EN
[54] **AN ICEBREAKING VESSEL**
[54] **NAVIRE BRISE-GLACE**
[72] ELMBO, NIELS PETER, DK
[73] MAERSK SUPPLY SERVICE A/S, DK
[85] 2012-09-28
[86] 2011-03-31 (PCT/DK2011/050104)
[87] (WO2011/120527)
[30] US (61/319,474) 2010-03-31
[30] DK (PA 2010 70136) 2010-03-31
[30] DK (PA 2010 70465) 2010-10-29
[30] US (61/409,677) 2010-11-03

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[11] **2,794,935**
[13] C
[51] **Int.Cl. B63B 21/50 (2006.01) E02B 17/00 (2006.01)**
[25] EN
[54] **AN ICEBREAKING VESSEL**
[54] **NAVIRE BRISE-GLACE**
[72] ELMBO, NIELS PETER, DK
[73] MAERSK SUPPLY SERVICE A/S, DK
[85] 2012-09-28
[86] 2011-03-31 (PCT/DK2011/050105)
[87] (WO2011/120528)
[30] US (61/319,474) 2010-03-31
[30] DK (PA 2010 70136) 2010-03-31
[30] DK (PA 2010 70465) 2010-10-29
[30] US (61/409,677) 2010-11-03

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[11] **2,796,296**
[13] C
[51] **Int.Cl. F16J 1/12 (2006.01) F16J 7/00 (2006.01)**
[25] FR
[54] **ELASTIC FIXING ELEMENT FOR A PISTON OF A VARIABLE COMPRESSION RATIO ENGINE**
[54] **FIXATION ELASTIQUE POUR PISTON DE MOTEUR A TAUX DE COMPRESSION VARIABLE**
[72] RABHI, VIANNEY, FR
[72] BIGOT, SYLVAIN, FR
[73] MCE-5 DEVELOPMENT, FR
[73] RABHI, VIANNEY, FR
[85] 2012-10-12
[86] 2011-05-18 (PCT/FR2011/000301)
[87] (WO2011/144826)
[30] FR (1002103) 2010-05-19

---

[11] **2,796,672**
[13] C
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/56 (2006.01)**
[25] EN
[54] **FILAMENTARY SUTURE ANCHOR**
[54] **ANCRAGE DE SUTURE FILAMENTAIRE**
[72] MARCHAND, JOSE, US
[72] YEARSLEY, RYAN E., US
[72] PILGERAM, KYLE CRAIG, US
[73] HOWMEDICA OSTEONICS CORP., US
[86] (2796672)
[87] (2796672)
[22] 2012-11-22
[30] US (13/303,849) 2011-11-23

---

[11] **2,798,446**
[13] C
[51] **Int.Cl. F16L 55/26 (2006.01) F16L 55/162 (2006.01) F16L 55/1645 (2006.01) F16L 55/179 (2006.01) F16L 55/18 (2006.01) F16L 58/16 (2006.01)**
[25] EN
[54] **METHOD OF INSPECTING AND PREPARING A PIPELINE**
[54] **PROCEDE DE CONTROLE ET DE MISE EN ETAT D'UNE CONDUITE**
[72] LEWIS, KIM, SR., CA
[72] LEWIS, JEFF, CA
[72] WARREN, DARCY, CA
[73] LIQUI-FORCE SEWER SERVICES, INC., CA
[85] 2012-11-05
[86] 2011-07-28 (PCT/CA2011/000856)
[87] (WO2012/016321)
[30] US (61/370,835) 2010-08-05

---

[11] **2,800,256**
[13] C
[51] **Int.Cl. C09B 43/16 (2006.01) C09D 11/32 (2014.01) B41J 2/01 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE AZO COMPOUND OR SALT THEREOF, INK COMPOSITION, AND COLORED BODY**
[54] **COMPOSE AZO HYDROSOLUBLE OU SEL DE CE COMPOSE, COMPOSITION D'ENCRE, ET CORPS COLORE**
[72] MORITA, RYOUTAROU, JP
[72] KAJIURA, NORIKO, JP
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2012-09-18
[86] 2011-03-24 (PCT/JP2011/057111)
[87] (WO2011/122426)
[30] JP (2010-076832) 2010-03-30

---

[11] **2,802,066**
[13] C
[51] **Int.Cl. A61B 17/29 (2006.01)**
[25] EN
[54] **SURGICAL DEVICE WITH REUSABLE HANDLE**
[54] **DISPOSITIF CHIRURGICAL AVEC POIGNEE REUTILISABLE**
[72] CHEN, HOW-LUN, US
[72] CRUMLEY, JESSE, US
[72] LEONARD, ROBERT F., US
[73] CAREFUSION 2200 INC., US
[85] 2012-12-07
[86] 2011-05-31 (PCT/US2011/038506)
[87] (WO2011/156168)
[30] US (12/797,933) 2010-06-10

---

[11] **2,804,644**
[13] C
[51] **Int.Cl. B22D 11/115 (2006.01) B22D 11/00 (2006.01) B22D 11/04 (2006.01)**
[25] EN
[54] **MOLDING DEVICE FOR CONTINUOUS CASTING EQUIPPED WITH AGITATOR**
[54] **DISPOSITIF DE MOULAGE POUR LA COULEE CONTINUE PRESENTANT UN DISPOSITIF AGITATEUR**
[72] TAKAHASHI, KENZO, JP
[73] TAKAHASHI, KENZO, JP
[85] 2013-01-07
[86] 2011-07-15 (PCT/JP2011/066223)
[87] (WO2012/008574)
[30] JP (2010-162058) 2010-07-16
[30] JP (2010-226818) 2010-10-06

[11] **2,806,522**
[13] C
[51] **Int.Cl. G01B 21/20 (2006.01) B07C 5/34 (2006.01) B65D 19/00 (2006.01) B65D 19/38 (2006.01) G01B 11/245 (2006.01) G01N 21/95 (2006.01)**
[25] EN
[54] **AUTOMATED PALLET INSPECTION AND REPAIR**
[54] **INSPECTION ET REPARATION AUTOMATIQUE DE PALETTES**
[72] LUCAS, MICHAEL DAVID, AU
[72] TOWNSEND, STEVE, AU
[73] CHEP TECHNOLOGY PTY LIMITED, AU
[86] (2806522)
[87] (2806522)
[22] 2003-12-10
[62] 2,587,006
[30] AU (2002953248) 2002-12-10
[30] AU (2002953466) 2002-12-20

[11] **2,807,077**
[13] C
[51] **Int.Cl. H04J 11/00 (2006.01) H04W 88/02 (2009.01) H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD FOR APERIODIC FEEDBACK OF CHANNEL STATE INFORMATION IN A WIRELESS ACCESS SYSTEM SUPPORTING MULTI-CARRIER AGGREGATION**
[54] **PROCEDE POUR LA RETROACTION APERIODIQUE D'INFORMATION D'ETAT DE CANAL DANS UN SYSTEME D'ACCES SANS FIL DE SUPPORT D'AGREGATION MULTI-PORTEUSE**
[72] KIM, SOYEON, KR
[72] CHUNG, JAEHOON, KR
[72] HAN, SEUNGHEE, KR
[72] NOH, MINSEOK, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-01-24
[86] 2011-05-06 (PCT/KR2011/003390)
[87] (WO2012/015154)
[30] US (61/367,863) 2010-07-26
[30] US (61/368,640) 2010-07-28
[30] US (61/407,433) 2010-10-27
[30] US (61/410,363) 2010-11-05
[30] US (61/416,740) 2010-11-24

[11] **2,808,158**
[13] C
[51] **Int.Cl. E03F 5/06 (2006.01)**
[25] EN
[54] **COVERING CONSISTING OF A PLURALITY OF GRATINGS INSERTED ONE INTO ANOTHER**
[54] **ELEMENT DE RECOUVREMENT COMPOSE DE PLUSIEURS GRILLES INSEREES LES UNES DANS LES AUTRES**
[72] MEINCKE, ARNE, DE
[72] AHLMANN, HANS-JULIUS, DE
[73] ACO SEVERIN AHLMANN GMBH & CO. KG, DE
[85] 2013-02-12
[86] 2011-08-16 (PCT/EP2011/064112)
[87] (WO2012/022753)
[30] DE (102010037081.9) 2010-08-19
[30] DE (102010037563.2) 2010-09-15

[11] **2,808,588**
[13] C
[51] **Int.Cl. F02C 7/236 (2006.01) F02C 7/232 (2006.01) F02C 9/30 (2006.01)**
[25] EN
[54] **INTEGRAL PLUS PROPORTIONAL DUAL PUMP SWITCHING SYSTEM**
[54] **SYSTEME DE COMMUNICATION A DOUBLE POMPE SOLIDAIRE ET PROPORTIONNEL**
[72] GARRY, MICHAEL P., US
[73] WOODWARD, INC., US
[85] 2013-02-14
[86] 2011-08-16 (PCT/US2011/047893)
[87] (WO2012/027154)
[30] US (12/860,971) 2010-08-23

[11] **2,809,513**
[13] C
[51] **Int.Cl. C07K 16/06 (2006.01) A61K 39/395 (2006.01) C07K 1/36 (2006.01)**
[25] EN
[54] **PROCESS FOR OBTAINING AN IGG COMPOSITION THROUGH HEAT TREATMENT**
[54] **PROCESSUS D'OBTENTION D'UNE COMPOSITION IGG PAR UN TRAITEMENT THERMIQUE**
[72] RISTOL DEBART, PERE, ES
[72] GRANCHA GAMON, SALVADOR, ES
[73] GRIFOLS S.A., ES
[86] (2809513)
[87] (2809513)
[22] 2013-03-14
[30] ES (P201230413) 2012-03-20

[11] **2,810,291**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR CELL LYSIS AND AMPLIFICATION OF RNA IN A RT-PCR REACTION BUFFER**
[54] **METHODE DE LYSE CELLULAIRE ET D'AMPLIFICATION D'UN TAMPON DE REACTION DE RT-PCR**
[72] HOFFMANN, INGRID, DE
[72] WALCH, HEIKO, DE
[73] F. HOFFMANN-LA ROCHE AG, US
[85] 2013-03-04
[86] 2011-09-30 (PCT/EP2011/067067)
[87] (WO2012/045668)
[30] EP (10186416.3) 2010-10-04
[30] EP (10186417.1) 2010-10-04

[11] **2,812,151**
[13] C
[51] **Int.Cl. A01K 29/00 (2006.01) A01K 1/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR MEASURING RELATIVE LEG POSITIONS OF AN UNGULATE**
[54] **SYSTEME ET PROCEDE DE MESURE DE LA POSITION RELATIVE DES MEMBRES D'UN ONGULE**
[72] DOYLE, JOHN CONAN, AU
[73] DOYLE, JOHN CONAN, AU
[85] 2013-03-15
[86] 2011-09-29 (PCT/AU2011/001248)
[87] (WO2012/040782)
[30] AU (2010904382) 2010-09-29

[11] **2,812,296**
[13] C
[51] **Int.Cl. H02K 9/19 (2006.01)**
[25] EN
[54] **ELECTRIC VEHICLE DRIVING SYSTEM**
[54] **APPAREIL PERMETTANT DE COMMANDER UN VEHICULE ELECTRIQUE**
[72] NAGAHAMA, TERUO, JP
[72] KAWAI, NORIKAZU, JP
[72] KOBAYASHI, HEISUKE, JP
[72] FUJIMOTO, SHINJI, JP
[72] SAKAI, ATSUHIRO, JP
[72] MOGI, SEIICHI, JP
[72] MITO, HIRONORI, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2013-03-21
[86] 2010-10-05 (PCT/JP2010/067483)
[87] (WO2012/046307)

---

[11] **2,813,769**
[13] C
[51] **Int.Cl. H04L 1/06 (2006.01)**
[25] EN
[54] **SPARSE CODES FOR MIMO CHANNEL AND DETECTOR ALTERNATIVES FOR SPARSE CODE**
[54] **CODES RARES POUR CANAL MIMO ET VARIANTES DE DETECTEURS POUR CODE RARE**
[72] DHAKAL, SAGAR, US
[72] BAYESTEH, ALIREZA, CA
[72] HRANILOVIC, STEVE, CA
[72] MOBASHER, AMIN, CA
[72] SEXTON, THOMAS, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-04-04
[86] 2011-10-07 (PCT/US2011/055361)
[87] (WO2012/048218)
[30] US (61/390,815) 2010-10-07

---

[11] **2,813,992**
[13] C
[51] **Int.Cl. H04W 4/12 (2009.01) H04W 12/02 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR OPTIMIZING WIRELESS COMMUNICATIONS OF SECURE E-MAIL MESSAGES WITH ATTACHMENTS**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR OPTIMISER LES COMMUNICATIONS SANS FIL DE MESSAGES ELECTRONIQUES SECURISES AVEC PIECES JOINTES**
[72] ADAMS, NEIL PATRICK, CA
[72] SINGH, RAVI, CA
[73] BLACKBERRY LIMITED, CA
[86] (2813992)
[87] (2813992)
[22] 2013-04-24
[30] US (13/454,218) 2012-04-24

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[11] **2,815,069**
[13] C
[51] **Int.Cl. H04W 88/00 (2009.01) H04W 8/18 (2009.01) H04W 84/00 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION DEVICE WITH SUBSCRIBER IDENTITY MODULE**
[54] **DISPOSITIF DE COMMUNICATION MOBILE A MODULE D'IDENTITE D'ABONNE**
[72] GRIFFIN, JASON TYLER, CA
[72] LAZARIDIS, MIHAL, CA
[72] PATTENDEN, CHRISTOPHER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-04-18
[86] 2011-10-21 (PCT/CA2011/050663)
[87] (WO2012/058773)
[30] EP (10190275.7) 2010-11-05
[30] US (12/940,217) 2010-11-05

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[11] **2,815,479**
[13] C
[51] **Int.Cl. C11D 3/42 (2006.01) C09B 69/00 (2006.01) C09B 69/10 (2006.01)**
[25] EN
[54] **MODIFIED BIS-AZO COLORANTS FOR USE AS BLUING AGENTS**
[54] **UTILISATION DE COLORANTS DIAZOIQUES MODIFIES COMME PRODUITS D'AZURAGE**
[72] MIRACLE, GREGORY SCOT, US
[72] MCHAFFEY, ROBERT LINN, US
[72] HONG, XIAOYONG MICHAEL, US
[72] TORRES, EDUARDO, US
[72] VALENTI, DOMINICK JOSEPH, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-04-22
[86] 2011-10-21 (PCT/US2011/057290)
[87] (WO2012/054835)
[30] US (12/910,258) 2010-10-22

---

[11] **2,816,048**
[13] C
[51] **Int.Cl. G06T 11/60 (2006.01) G06T 3/40 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **METHOD AND DEVICE FOR COMPOSITE IMAGE CREATION**
[54] **PROCEDE ET DISPOSITIF POUR LA CREATION D'IMAGES COMPOSITES**
[72] BALANNIK, VADIM, US
[72] ELLIS, PATRICK DELL, US
[73] BLACKBERRY LIMITED, CA
[86] (2816048)
[87] (2816048)
[22] 2013-05-10
[30] EP (12168952.5) 2012-05-22

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[11] **2,817,253**
[13] C
[51] **Int.Cl. A61F 13/49 (2006.01) C08J 5/18 (2006.01) C08L 53/00 (2006.01) C08L 53/02 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH TEAR RESISTANT FILM**
[54] **ARTICLE ABSORBANT AVEC FILM RESISTANT A LA DECHIRURE**
[72] MANSFIELD, TODD LEON, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-05-07
[86] 2012-02-14 (PCT/US2012/024986)
[87] (WO2012/112501)
[30] US (13/026,563) 2011-02-14

[11] **2,817,322**
[13] C
[51] **Int.Cl. B01D 17/00 (2006.01) B01D 21/00 (2006.01) B01D 24/00 (2006.01) B03B 9/02 (2006.01) E21B 21/06 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATION AND RECOVERY OF CUTTINGS, EMULSION AND SLURRY COMPONENTS**
[54] **PROCEDE DE SEPARATION ET DE RECUPERATION DE DEBLAIS, D'EMULSIONS ET DE CONSTITUANTS EN SUSPENSION**
[72] DRAKE, RONALD N., US
[73] DRAKE, RONALD N., US
[86] (2817322)
[87] (2817322)
[22] 2013-05-29
[30] US (61/652,615) 2012-05-29

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[11] **2,817,360**
[13] C
[51] **Int.Cl. H04N 19/167 (2014.01) H04N 19/129 (2014.01) H04N 19/13 (2014.01) H04N 19/176 (2014.01) H04N 19/18 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **SEPARATELY CODING THE POSITION OF A LAST SIGNIFICANT COEFFICIENT OF A VIDEO BLOCK IN VIDEO CODING**
[54] **CODAGE SEPARE DE LA POSITION D'UN DERNIER COEFFICIENT SIGNIFICATIF D'UN BLOC VIDEO EN CODAGE VIDEO**
[72] SOLE ROJALS, JOEL, US
[72] JOSHI, RAJAN LAXMAN, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-05-08
[86] 2011-11-30 (PCT/US2011/062700)
[87] (WO2012/075181)
[30] US (61/419,740) 2010-12-03
[30] US (13/302,996) 2011-11-22

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[11] **2,818,768**
[13] C
[51] **Int.Cl. B01J 6/00 (2006.01) C07C 4/00 (2006.01) C08J 11/12 (2006.01)**
[25] EN
[54] **PYROLYTIC PROCESS AND APPARATUS FOR PRODUCING ENHANCED AMOUNTS OF AROMATIC COMPOUNDS**
[54] **UTILISATION D'UN PROCEDE ET D'UN DISPOSITIF PYROLYTIQUES POUR L'OBTENTION DE QUANTITES ACCRUES DE COMPOSES AROMATIQUES**
[72] GRISPIN, CHARLES W., US
[73] CHARLIE HOLDING INTELLECTUAL PROPERTY, INC., US
[86] (2818768)
[87] (2818768)
[22] 2004-10-13
[62] 2,583,617

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[11] **2,819,872**
[13] C
[51] **Int.Cl. G06F 17/40 (2006.01) H04W 8/20 (2009.01) G06F 3/0484 (2013.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR COLLECTING DATA ASSOCIATED WITH APPLICATIONS**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR COLLECTER DES DONNEES ASSOCIEES A DES APPLICATIONS**
[72] PROUDFOOT, RYAN BROCK, CA
[72] CANTON, RAYMOND LEE, CA
[72] RYDENHAG, DANIEL TOBIAS, SE
[73] BLACKBERRY LIMITED, CA
[86] (2819872)
[87] (2819872)
[22] 2013-07-17
[30] EP (12177392.3) 2012-07-20

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[11] **2,819,976**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61L 27/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REPLACING MITRAL VALVE**
[54] **DISPOSITIF ET PROCEDE POUR LE REMPLACEMENT D'UNE VALVULE MITRALE**
[72] ROWE, STANTON J., US
[72] CHAU, MARK, US
[72] NGUYEN, SON V., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[86] (2819976)
[87] (2819976)
[22] 2009-04-27
[62] 2,721,312
[30] US (12/113,418) 2008-05-01

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[11] **2,820,014**
[13] C
[51] **Int.Cl. H04N 19/91 (2014.01) H04N 19/119 (2014.01) H04N 19/137 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE CODING DEVICE, IMAGE DECODING DEVICE, IMAGE CODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, METHODE DE CODAGE D'IMAGE ET METHODE DE DECODAGE D'IMAGE**
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-05-31
[86] 2011-11-01 (PCT/JP2011/006116)
[87] (WO2012/081162)
[30] JP (2010-281743) 2010-12-17

[11] **2,820,072**
[13] C
[51] **Int.Cl. G01N 27/404 (2006.01) C12M 1/34 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **SINGLE USE BIOREACTOR FOR USE WITH DETACHABLE DISSOLVED OXYGEN SENSOR**
[54] **BIOREACTEUR A UTILISATION UNIQUE POUR L'UTILISATION AVEC UN CAPTEUR AMOVIBLE D'OXYGENE DISSOUS**
[72] FENG, CHANG-DONG, US
[73] ROSEMOUNT ANALYTICAL, INC., US
[85] 2013-05-23
[86] 2011-12-15 (PCT/US2011/065032)
[87] (WO2012/082973)
[30] US (61/424,261) 2010-12-17

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[11] **2,820,224**
[13] C
[51] **Int.Cl. G01V 3/26 (2006.01) E21B 47/00 (2012.01) G01V 3/08 (2006.01)**
[25] EN
[54] **METHODS FOR IMPROVED ACTIVE RANGING AND TARGET WELL MAGNETIZATION**
[54] **PROCEDES DE TELEMETRIE ACTIVE AMELIOREE ET DE MAGNETISATION DE PUITS CIBLE**
[72] MCELHINNEY, GRAHAM ARTHUR, GB
[72] MOORE, ROBERT ANTHONY, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-06-05
[86] 2011-12-05 (PCT/US2011/063285)
[87] (WO2012/078510)
[30] US (12/962,058) 2010-12-07

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[11] **2,820,258**
[13] C
[51] **Int.Cl. F24F 13/14 (2006.01)**
[25] EN
[54] **DAMPER BLADE SEAL SYSTEM**
[54] **SYSTEME D'ETANCHEITE A LAMES D'AMORTISSEMENT**
[72] ENKE, JOSEPH DEAN, US
[72] KOOP, EDWARD N., US
[73] RUSKIN COMPANY, US
[86] (2820258)
[87] (2820258)
[22] 2013-07-04
[30] US (13/542,837) 2012-07-06

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[11] **2,820,575**
[13] C
[51] **Int.Cl. H04N 5/345 (2011.01) H04N 5/30 (2006.01)**
[25] EN
[54] **DYNAMIC REGION OF INTEREST ADAPTATION AND IMAGE CAPTURE DEVICE PROVIDING SAME**
[54] **ADAPTATION DE REGION D'INTERET DYNAMIQUE ET DISPOSITIF DE SAISIE D'IMAGE OFFRANT CELLE-CI**
[72] GLENNIE, ROBIN ROY, CA
[72] D'SOUZA, STEPHEN RICHARD, CA
[72] DAIGLE, JOSHUA LUCIEN, US
[73] BLACKBERRY LIMITED, CA
[86] (2820575)
[87] (2820575)
[22] 2013-07-05
[30] EP (12177311.3) 2012-07-20

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[11] **2,822,991**
[13] C
[51] **Int.Cl. G08G 1/127 (2006.01) H04W 4/04 (2009.01) H04W 84/18 (2009.01) G06Q 10/08 (2012.01) G06Q 50/30 (2012.01) G07C 5/08 (2006.01)**
[25] EN
[54] **COMMUNICATION TECHNIQUES FOR TRANSPORTATION ROUTE MODIFICATIONS**
[54] **TECHNIQUE DE COMMUNICATION POUR DES MODIFICATIONS D'ITINERAIRE DE TRANSPORT**
[72] MOHN, CHARLES, US
[72] SEKULA, CHRISTOPHER A., CA
[72] KAKUMANU, SARAT, US
[72] TUTTLE, ODELL R., US
[72] FUGLEWICZ, DANIEL P., US
[72] ANDERSON, PETER S., US
[72] MARTIN, THOMAS J., JR., US
[73] XRS CORPORATION, US
[86] (2822991)
[87] (2822991)
[22] 2013-08-07
[30] US (61/682,004) 2012-08-10
[30] US (13/730,138) 2012-12-28

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[11] **2,822,994**
[13] C
[51] **Int.Cl. C07D 493/20 (2006.01) C07D 493/08 (2006.01)**
[25] EN
[54] **INTERMEDIATES FOR THE PREPARATION OF ANALOGS OF HALICHONDRIN B**
[54] **INTERMEDIAIRES POUR LA PREPARATION D'ANALOGUES D'HALICHONDRINE B**
[72] CHASE, CHARLES E., US
[72] FANG, FRANCIS G., US
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[86] (2822994)
[87] (2822994)
[22] 2005-06-03
[62] 2,567,984
[30] US (60/576,642) 2004-06-03
[30] US (60/626,769) 2004-11-10
[30] US (60/663,300) 2005-03-18

---

[11] **2,823,597**
[13] C
[51] **Int.Cl. F24H 9/18 (2006.01) F24H 1/20 (2006.01)**
[25] EN
[54] **DOWNFIRED HIGH EFFICIENCY GAS-FIRED WATER HEATER**
[54] **CHAUFFE-EAU AU GAZ A HAUTE EFFICACITE A FLAMME VERS LE BAS**
[72] BOROS, JOZEF, US
[72] ZHANG, QIAN, US
[72] SEMBA, YOSHIKI, US
[72] THENAPPAN, SUBBRAMANIAN, US
[73] RHEEM MANUFACTURING COMPANY, US
[86] (2823597)
[87] (2823597)
[22] 2013-08-14
[30] US (61/692,082) 2012-08-22
[30] US (13/942,343) 2013-07-15

[11] **2,824,530**
[13] C
[51] **Int.Cl. H04W 8/26 (2009.01) H04W 92/08 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **NEAR FIELD COMMUNICATIONS-BASED SOFT SUBSCRIBER IDENTITY MODULE**
[54] **MODULE D'IDENTITE D'ABONNE SOUPLE FONDE SUR LA COMMUNICATION EN CHAMP PROCHE**
[72] COOPER, JONATHAN MATTHEW, CA
[73] BLACKBERRY LIMITED, CA
[86] (2824530)
[87] (2824530)
[22] 2013-08-21
[30] EP (12181427.1) 2012-08-22
[30] US (13/591,863) 2012-08-22

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[11] **2,824,594**
[13] C
[51] **Int.Cl. G06F 3/02 (2006.01) G06F 3/044 (2006.01) H03K 17/955 (2006.01)**
[25] EN
[54] **TEMPORARY KEYBOARD HAVING SOME INDIVIDUAL KEYS THAT PROVIDE VARYING LEVELS OF CAPACITIVE COUPLING TO A TOUCH-SENSITIVE DISPLAY**
[54] **CLAVIER TEMPORAIRE AYANT CERTAINES TOUCHES OFFRANT DES NIVEAUX VARIES DE COUPLAGE CAPACITIF A UN ECRAN TACTILE**
[72] THEIMER, WOLFGANG MICHAEL, DE
[72] MEIERLING, KLAUS-DIETER, DE
[72] BURGHARDT, GUNTHER HEINRICH, DE
[72] TASCHKE, HEINZ HENNING, DE
[72] VON HEIMBURG, FRANK, DE
[73] BLACKBERRY LIMITED, CA
[86] (2824594)
[87] (2824594)
[22] 2013-08-22
[30] EP (12181765.4) 2012-08-24

---

[11] **2,824,661**
[13] C
[51] **Int.Cl. G09G 5/10 (2006.01) G09G 3/3225 (2016.01) H05B 37/02 (2006.01)**
[25] EN
[54] **ACTIVE MATRIX PIXEL BRIGHTNESS CONTROL**
[54] **COMMANDE DE LUMINOSITE A PIXELS DE MATRICE ACTIVE**
[72] LAI, JACKSON CHI SUN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2824661)
[87] (2824661)
[22] 2013-08-23
[30] EP (12181597.1) 2012-08-23

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[11] **2,825,439**
[13] C
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 17/32 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **BIOPSY DEVICE WITH APERTURE ORIENTATION AND IMPROVED TIP**
[54] **DISPOSITIF DE BIOPSIE A ORIENTATION D'OUVERTURE ET EMBOUT AMELIORE**
[72] SHABAZ, MARTIN V., US
[72] QUICK, RICHARD L., US
[72] LOUW, FRANK R., US
[72] LUBOCK, PAUL, US
[72] SAFABASH, JASON H., US
[73] SENORX, INC., US
[86] (2825439)
[87] (2825439)
[22] 2004-12-20
[62] 2,550,137
[30] US (60/532,277) 2003-12-23
[30] US (11/014,413) 2004-12-16

---

[11] **2,826,619**
[13] C
[51] **Int.Cl. E21B 19/084 (2006.01) E21B 19/086 (2006.01)**
[25] EN
[54] **DRILL RIG AND ASSOCIATED DRILL RIG TRAVERSE SYSTEM**
[54] **PLATEFORME DE FORAGE ET SYSTEME DE TRAVERSE ASSOCIE POUR PLATEFORME DE FORAGE**
[72] STRANGE, WARREN, AU
[73] STRADA DESIGN LIMITED, JE
[85] 2013-08-06
[86] 2011-05-26 (PCT/AU2011/000639)
[87] (WO2012/106750)
[30] AU (2011900387) 2011-02-07

---

[11] **2,827,428**
[13] C
[51] **Int.Cl. G01V 3/20 (2006.01) E21B 47/00 (2012.01) G01V 3/38 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMATION RESISTIVITY MEASUREMENTS IN OIL-BASED MUD USING A FLOATING REFERENCE SIGNAL**
[54] **APPAREIL ET PROCEDE PERMETTANT DE MESURER LA RESISTIVITE D'UNE FORMATION DANS UNE BOUE A BASE D'HUILE AU MOYEN D'UN SIGNAL DE REFERENCE FLOTTANT**
[72] TABAROVSKY, LEONTY A., US
[72] FORGANG, STANISLAV W., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-08-14
[86] 2012-03-30 (PCT/US2012/031424)
[87] (WO2012/135607)
[30] US (61/469,920) 2011-03-31

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[11] **2,827,684**
[13] C
[51] **Int.Cl. A61B 5/103 (2006.01) A43B 13/38 (2006.01)**
[25] EN
[54] **FOOTWEAR HAVING SENSOR SYSTEM**
[54] **ARTICLE CHAUSSANT COMPORTANT UN SYSTEME CAPTEUR**
[72] SCHROCK, ALLAN M., US
[72] OWINGS, ANDREW A., US
[72] AMOS, MICHAEL S., US
[72] DEAN, ANTHONY C., US
[73] NIKE INNOVATE C.V., US
[85] 2013-08-16
[86] 2012-02-17 (PCT/US2012/025710)
[87] (WO2012/112931)
[30] US (61/443,911) 2011-02-17

[11] **2,828,868**
[13] C
[51] **Int.Cl. E21B 3/04 (2006.01) E21B 10/573 (2006.01)**
[25] EN
[54] **METHODS OF FORMING POLYCRYSTALLINE TABLES AND POLYCRYSTALLINE ELEMENTS AND RELATED STRUCTURES**
[54] **PROCEDES DE FORMATION DE PLAQUES POLYCRISTALLINES ET D'ELEMENTS POLYCRISTALLINS ET STRUCTURES ASSOCIEES**
[72] DIGIOVANNI, ANTHONY A., US
[72] LYONS, NICHOLAS J., US
[72] NELMS, DEREK L., US
[72] SCOTT, DANNY E., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-08-30
[86] 2012-02-29 (PCT/US2012/027074)
[87] (WO2012/121945)
[30] US (13/040,861) 2011-03-04

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[11] **2,828,947**
[13] C
[51] **Int.Cl. H04L 1/16 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING ACK/NACK INFORMATION IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR TRANSMETTRE DES INFORMATIONS ACK/NACK DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SEO, HANBYUL, KR
[72] KIM, MINGYU, KR
[72] KIM, HAKSEONG, KR
[72] YANG, SUCKCHEL, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-08-30
[86] 2012-03-05 (PCT/KR2012/001604)
[87] (WO2012/118356)
[30] US (61/449,066) 2011-03-03
[30] US (61/486,745) 2011-05-16
[30] KR (10-2012-0020142) 2012-02-28

---

[11] **2,829,086**
[13] C
[51] **Int.Cl. F16D 65/04 (2006.01) C23C 30/00 (2006.01)**
[25] EN
[54] **HEAVY-DUTY VEHICLE BRAKE ASSEMBLY WITH SEALING INTERFACE**
[54] **ENSEMBLE DE FREIN DE VEHICULE UTILITAIRE LOURD DOTE D'UNE INTERFACE D'ETANCHEITE**
[72] DHARAIYA, DHAWAL, US
[73] HENDRICKSON USA, L.L.C., US
[85] 2013-09-04
[86] 2012-03-09 (PCT/US2012/028440)
[87] (WO2012/122456)
[30] US (61/451,346) 2011-03-10

---

[11] **2,830,352**
[13] C
[51] **Int.Cl. B64C 9/16 (2006.01) B64C 23/00 (2006.01)**
[25] EN
[54] **HIGH-LIFT DEVICE OF FLIGHT VEHICLE**
[54] **DISPOSITIF HYPERSUSTENTATEUR DESTINE A UN AERONEF**
[72] ISOTANI, KAZUHIDE, JP
[72] HAYAMA, KENJI, JP
[73] THE SOCIETY OF JAPANESE AEROSPACE COMPANIES, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2013-09-16
[86] 2012-03-28 (PCT/JP2012/002135)
[87] (WO2012/132420)
[30] JP (2011-074795) 2011-03-30

---

[11] **2,831,076**
[13] C
[51] **Int.Cl. G01N 35/10 (2006.01)**
[25] EN
[54] **CHUCKING APPARATUS**
[54] **APPAREIL DE SERRAGE**
[72] ITOH, TERUAKI, JP
[73] AOI SEIKI CO., LTD., JP
[86] (2831076)
[87] (2831076)
[22] 2013-10-24
[30] JP (2012-239391) 2012-10-30

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[11] **2,831,202**
[13] C
[51] **Int.Cl. C07H 19/16 (2006.01) A61K 31/7068 (2006.01)**
[25] EN
[54] **CAPRAZENE COMPOUNDS AND DERIVATIVES THEREOF**
[54] **COMPOSES DE CAPRAZENE ET LEURS DERIVES**
[72] MIYAKE, TOSHIAKI, JP
[72] IGARASHI, MASAYUKI, JP
[72] SHITARA, TETSUO, JP
[72] TAKAHASHI, YOSHIAKI, JP
[72] HAMADA, MASA, JP
[73] ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI, JP
[73] MEIJI SEIKA PHARMA CO., LTD., JP
[86] (2831202)
[87] (2831202)
[22] 2004-01-30
[62] 2,773,659
[30] JP (2003-25323) 2003-01-31

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[11] **2,832,518**
[13] C
[51] **Int.Cl. A01K 47/06 (2006.01) A01G 7/06 (2006.01) A01K 51/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATMENT OF PLANTS**
[54] **APPAREIL DE TRAITEMENT DES PLANTES**
[72] COLLINSON, MICHAEL HOWARD D. HEARN, CA
[72] MASON, TODD GORDON, CA
[72] SUTTON, JOHN CLIFFORD, CA
[72] KEVAN, PETER G., CA
[73] BEE VECTORING TECHNOLOGY INC., CA
[85] 2013-10-07
[86] 2012-04-03 (PCT/CA2012/000288)
[87] (WO2012/135940)
[30] US (61/472,872) 2011-04-07
[30] US (61/609,549) 2012-03-12

[11] **2,835,403**
[13] C
[51] **Int.Cl. B07B 7/06 (2006.01) B01D 45/04 (2006.01) G01N 1/02 (2006.01) G01N 15/02 (2006.01)**
[25] EN
[54] **INERTIAL FILTER**
[54] **FILTRE A INERTIE**
[72] IKEDA, TAKUJI, JP
[72] OTANI, YOSHIO, JP
[72] FURUUCHI, MASAMI, JP
[72] SETO, TAKAFUMI, JP
[73] NITTA CORPORATION, JP
[85] 2013-11-07
[86] 2011-08-08 (PCT/JP2011/004490)
[87] (WO2012/176245)
[30] JP (2011-136696) 2011-06-20

---

[11] **2,835,807**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **DETERMINING WHETHER A WELLBORE SEALING OPERATION HAS BEEN PERFORMED CORRECTLY**
[54] **PROCEDES PERMETTANT DE DETERMINER SI UNE OPERATION D'ETANCHEIFICATION D'UN PUITS DE FORAGE A ETE EFFECTUEE CORRECTEMENT**
[72] MCGARIAN, BRUCE, GB
[72] BROWN-KERR, WILLIAM, GB
[73] HALLIBURTON MANUFACTURING AND SERVICES LIMITED, GB
[85] 2013-11-12
[86] 2012-05-16 (PCT/GB2012/051088)
[87] (WO2012/156730)
[30] GB (1108098.3) 2011-05-16

---

[11] **2,836,814**
[13] C
[51] **Int.Cl. F23C 99/00 (2006.01) F23C 9/00 (2006.01) F23J 15/00 (2006.01) F23L 7/00 (2006.01) F23N 5/00 (2006.01)**
[25] EN
[54] **HIGH PRESSURE FOSSIL FUEL OXY-COMBUSTION SYSTEM WITH CARBON DIOXIDE CAPTURE FOR INTERFACE WITH AN ENERGY CONVERSION SYSTEM**
[54] **SYSTEME D'OXYCOMBUSTION DE COMBUSTIBLE FOSSILE SOUS HAUTE PRESSION AVEC CAPTURE DE DIOXYDE DE CARBONE POUR INTERFACE AVEC UN SYSTEME DE CONVERSION D'ENERGIE**
[72] ZANGANEH, KOUROSH ETEMADI, CA
[72] PEARSON, WILLIAM JOHN, CA
[72] MITROVIC, MILENKA, CA
[72] SHAFEEN, AHMED, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES, CA
[85] 2013-11-20
[86] 2011-05-24 (PCT/CA2011/000593)
[87] (WO2012/159189)

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[11] **2,837,994**
[13] C
[51] **Int.Cl. G06F 21/00 (2013.01)**
[25] EN
[54] **CLUSTERING PROCESSING METHOD AND DEVICE FOR VIRUS FILES**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE REGROUPEMENT POUR FICHIERS DE VIRUS**
[72] YU, TAO, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2013-12-03
[86] 2012-07-03 (PCT/CN2012/078104)
[87] (WO2013/020426)
[30] CN (201110226879.8) 2011-08-09

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[11] **2,838,215**
[13] C
[51] **Int.Cl. H04L 29/02 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SPREADING DEEP PACKET INSPECTION RESULT**
[54] **METHODE ET DISPOSITIF POUR DISTRIBUER LE RESULTAT D'ANALYSE D'INSPECTION PROFONDE DE PAQUET**
[72] ZHOU, YINGWEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-12-30
[86] 2013-08-01 (PCT/CN2013/080594)
[87] (WO2014/094432)
[30] CN (201210553157.8) 2012-12-19

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[11] **2,839,045**
[13] C
[51] **Int.Cl. G05B 9/03 (2006.01) G05B 7/02 (2006.01) G05B 19/02 (2006.01) G05B 23/00 (2006.01)**
[25] EN
[54] **A METHOD FOR REDUNDANT CONTROLLER SYNCHRONIZATION FOR BUMP-LESS FAILOVER DURING NORMAL AND MISMATCH CONDITIONS**
[54] **UNE METHODE DE SYNCHRONISATION DE CONTROLEURS REDONDANTS POUR BASCULEMENT EN DOUCEUR DANS DES CONDITIONS NORMALES ET DESADAPTEES**
[72] KEPHART, RICHARD W., US
[72] COSTLOW, KINMBERLY, US
[72] DURBIN, MICHAEL, US
[72] CHENG, XU, US
[72] BROWN, RICHARD, US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[86] (2839045)
[87] (2839045)
[22] 2007-01-08
[62] 2,573,095
[30] US (11/331,886) 2006-01-13

[11] **2,839,427**
[13] C
[51] **Int.Cl. C12N 15/33 (2006.01) C07K 14/025 (2006.01) C12N 1/19 (2006.01) C12N 15/81 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCING THE PRODUCTION YIELD OF HUMAN PAPILLOMAVIRUS L1 PROTEIN**
[54] **PROCEDE D'AUGMENTATION DU RENDEMENT DE PRODUCTION D'UNE PROTEINE L1 DU PAPILLOMAVIRUS HUMAIN**
[72] KIM, HONG JIN, KR
[72] KIM, HYOUNG JIN, KR
[73] CHUNG-ANG UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[73] KIM, HONG JIN, KR
[85] 2013-12-13
[86] 2012-06-13 (PCT/KR2012/004667)
[87] (WO2012/173390)
[30] KR (10-2011-0057748) 2011-06-15

[11] **2,839,537**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/18 (2006.01)**
[25] EN
[54] **EXPANDABLE PROBE**
[54] **SONDE EXTENSIBLE**
[72] MCLAWHORN, TYLER E., US
[72] SURTI, VIHAR C., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2013-12-16
[86] 2012-06-19 (PCT/US2012/043061)
[87] (WO2012/177588)
[30] US (61/499.270) 2011-06-21

[11] **2,840,655**
[13] C
[51] **Int.Cl. G06Q 50/34 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ADMINISTERING A LOTTERY IN COMBINATION WITH A PARI-MUTUEL POOL**
[54] **PROCEDE ET SYSTEME D'ADMINISTRATION D'UNE LOTERIE COMBINEE AVEC UNE POULE DE PARI MUTUEL**
[72] CUMMINGS, BRADFORD, US
[73] EQUILOTTERY LLC, US
[86] (2840655)
[87] (2840655)
[22] 2014-01-23

[11] **2,840,983**
[13] C
[51] **Int.Cl. A61K 31/473 (2006.01) A61K 9/70 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/439 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **ADHESIVE SKIN PATCH CONTAINING SEROTONIN RECEPTOR ANTAGONIST DRUG**
[54] **TIMBRE TRANSDERMIQUE COMPRENANT UN ANTAGONISTE DES RECEPTEURS DE SEROTONINE**
[72] KAMAKURA, TAKASHI, JP
[72] TAKANO, DAIKI, JP
[73] TEIKOKU SEIYAKU CO., LTD., JP
[85] 2014-01-02
[86] 2012-07-04 (PCT/JP2012/067052)
[87] (WO2013/005760)
[30] JP (2011-150778) 2011-07-07

[11] **2,841,620**
[13] C
[51] **Int.Cl. B21C 37/16 (2006.01) B21C 23/08 (2006.01) B21C 25/08 (2006.01) B21K 1/12 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A TUBULAR AXLE HOUSING ASSEMBLY WITH VARYING WALL THICKNESS**
[54] **PROCEDE DE FABRICATION D'ENSEMBLE TROMPETTE TUBULAIRE A PAROI D'EPAISSEUR VARIABLE**
[72] JAHANI, MAMAD, CA
[72] NEWPORT, COLIN, CA
[73] U.S. MANUFACTURING CORPORATION, US
[86] (2841620)
[87] (2841620)
[22] 2005-10-28
[62] 2,526,117
[30] US (60/622,614) 2004-10-28

[11] **2,842,032**
[13] C
[51] **Int.Cl. C12P 7/64 (2006.01)**
[25] EN
[54] **ENZYMATIC TRANSESTERIFICATION WITH LIPASES IMMOBILIZED ON HYDROPHOBIC RESINS IN WATER SOLUTIONS**
[54] **TRANSESTERIFICATION ENZYMATIQUE PAR DES LIPASES IMMOBILISEES SUR DES RESINES HYDROPHOBES DANS DES SOLUTIONS AQUEUSES**
[72] BASHEER, SOBHI, IL
[72] EGBARIEH, AHMAD, IL
[72] MASRI, RAMEZ, IL
[73] TRANS BIO-DIESEL LTD., IL
[85] 2014-01-15
[86] 2011-08-31 (PCT/IL2011/000699)
[87] (WO2013/030816)

[11] **2,842,489**
[13] C
[51] **Int.Cl. H04N 19/14 (2014.01) H04N 19/117 (2014.01) H04N 19/172 (2014.01) H04N 19/182 (2014.01)**
[25] EN
[54] **ADAPTIVE FILTERING BASED ON PATTERN INFORMATION**
[54] **FILTRAGE ADAPTATIF BASE SUR DES INFORMATIONS DE MOTIFS**
[72] HE, DAKE, CA
[72] LIU, YING, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-01-21
[86] 2011-07-21 (PCT/CA2011/050446)
[87] (WO2013/010248)

[11] **2,843,153**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01)**
[25] EN
[54] **DISPOSABLE SINGLE USE BEVERAGE PACKAGE**
[54] **EMBALLAGE JETABLE A USAGE UNIQUE POUR BOISSON**
[72] FU, THOMAS Z., US
[72] COOK, MATTHEW R., US
[73] LBP MANUFACTURING, INC., US
[85] 2014-01-24
[86] 2012-07-23 (PCT/US2012/047835)
[87] (WO2013/016277)
[30] US (13/191,219) 2011-07-26

[11] **2,843,820**
[13] C
[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **OPTIMAL MIXING MATRICES AND USAGE OF DECORRELATORS IN SPATIAL AUDIO PROCESSING**
[54] **MATRICES DE MIXAGE OPTIMALES ET UTILISATION DE DECORRELATEURS DANS UN PROCESSUS AUDIO SPATIAL**
[72] VILKAMO, JUHA, FI
[72] BACKSTROM, TOM, DE
[72] KUCH, FABIAN, DE
[72] KUNTZ, ACHIM, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2014-01-31
[86] 2012-08-14 (PCT/EP2012/065861)
[87] (WO2013/024085)
[30] US (61/524,647) 2011-08-17
[30] EP (12156351.4) 2012-02-21

[11] **2,843,927**
[13] C
[51] **Int.Cl. F28F 9/22 (2006.01) B64D 13/08 (2006.01) B64D 33/08 (2006.01) F01P 11/00 (2006.01) F02C 7/18 (2006.01) F28D 7/00 (2006.01) F28F 27/02 (2006.01)**
[25] EN
[54] **INLINE CROSS FLOW HEAT EXCHANGERS**
[54] **ECHANGEURS DE CHALEUR A ECOULEMENT TANGENTIEL EN LIGNE**
[72] LANDRE, ERIC G., US
[73] THE BOEING COMPANY, US
[86] (2843927)
[87] (2843927)
[22] 2014-02-24
[30] US (13/856,636) 2013-04-04

[11] **2,844,598**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01) H04W 72/00 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING FRAME ON THE BASIS OF FREQUENCY SELECTION TRANSMISSION**
[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION D'UNE TRAME SUR LA BASE D'UNE EMISSION AVEC SELECTION DE FREQUENCE**
[72] PARK, JONG HYUN, KR
[72] YOU, HYANG SUN, KR
[72] SEOK, YONG HO, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-02-06
[86] 2012-08-07 (PCT/KR2012/006255)
[87] (WO2013/022254)
[30] US (61/515,970) 2011-08-07
[30] US (61/556,185) 2011-11-05

[11] **2,844,942**
[13] C
[51] **Int.Cl. B60R 16/03 (2006.01) B60Q 3/00 (2006.01)**
[25] EN
[54] **VEHICLE LIGHTING OUTAGE DETECTION CIRCUIT**
[54] **CIRCUIT DE DETECTION DE PANNE D'ECLAIRAGE DE VEHICULE**
[72] ANAND, NAKUL, US
[73] GROTE INDUSTRIES, INC., US
[86] (2844942)
[87] (2844942)
[22] 2014-03-06
[30] US (13/827,592) 2013-03-14

[11] **2,845,528**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 1/00 (2006.01)**
[25] EN
[54] **ABLATION CAP**
[54] **CAPUCHON D'ABLATION**
[72] BINMOELLER, KENNETH, US
[72] DUCHARME, RICHARD W., US
[72] MCLAWHORN, TYLER E., US
[72] SURTI, VIHAR C., US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2014-02-14
[86] 2012-08-15 (PCT/US2012/050899)
[87] (WO2013/028425)
[30] US (61/525,385) 2011-08-19

[11] **2,845,960**
[13] C
[51] **Int.Cl. B60R 16/02 (2006.01)**
[25] EN
[54] **REMOTE START CONTROL SYSTEM FOR A VEHICLE WITH A BUS CONTROLLABLE WINDOW AND ASSOCIATED METHODS**
[54] **SYSTEME DE COMMANDE DE DEMARRAGE A DISTANCE POUR UN VEHICULE POURVU D'UNE VITRE COMMANDEE PAR BUS ET PROCEDES ASSOCIES**
[72] FLICK, KENNETH E., US
[73] OMEGA PATENTS, L.L.C., US
[86] (2845960)
[87] (2845960)
[22] 2014-03-14
[30] US (61/792,895) 2013-03-15

[11] **2,846,547**
[13] C
[51] **Int.Cl. B60N 2/07 (2006.01) B60N 2/24 (2006.01)**
[25] EN
[54] **SYSTEM FOR PREVENTING ACCUMULATION OF DEBRIS IN RAILS CARRYING MOVABLE SEATS**
[54] **SYSTEME DE PREVENTION D'ACCUMULATION DE DEBRIS DANS LES RAILS SUPPORTANT DES SIEGES MOBILES**
[72] PHINNEY, RANDY P., US
[73] AMERICAN SEATING COMPANY, US
[86] (2846547)
[87] (2846547)
[22] 2014-03-14
[30] US (61/788,717) 2013-03-15

[11] **2,847,205**
[13] C
[51] **Int.Cl. H04N 21/462 (2011.01) H04N 21/20 (2011.01) H04N 21/2543 (2011.01) H04N 21/4147 (2011.01) H04N 21/431 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **CLIENT-SERVER BASED INTERACTIVE TELEVISION PROGRAM GUIDE SYSTEM WITH REMOTE SERVER RECORDING**
[54] **SYSTEME GUIDE DE PROGRAMMES DE TELEVISION INTERACTIF SUR UNE BASE CLIENT-SERVEUR AVEC ENREGISTREMENT SUR SERVEUR A DISTANCE**
[72] ELLIS, MICHAEL D., US
[72] THOMAS, WILLIAM L., US
[72] LEMMONS, THOMAS R., US
[73] ROVI GUIDES, INC., US
[86] (2847205)
[87] (2847205)
[22] 1999-07-13
[62] 2,336,870
[30] US (60/092,807) 1998-07-14
[30] US (09/332,244) 1999-06-11

---

[11] **2,847,282**
[13] C
[51] **Int.Cl. A47C 1/024 (2006.01) A47C 1/023 (2006.01) A47C 1/032 (2006.01) A47C 3/026 (2006.01)**
[25] EN
[54] **RECLINING CHAIR WITH ENHANCED ADJUSTABILITY**
[54] **FAUTEUIL INCLINABLE AVEC UNE CAPACITE DE REGLAGE AMELIOREE**
[72] MACHAEL, JAY R., US
[72] KOCH, JOHN R., US
[72] KOEPKE, MARCUS C., US
[73] HNI TECHNOLOGIES INC., US
[86] (2847282)
[87] (2847282)
[22] 2007-03-20
[62] 2,782,824
[30] US (11/388,331) 2006-03-24

---

[11] **2,847,335**
[13] C
[51] **Int.Cl. B62D 13/06 (2006.01) B62D 15/02 (2006.01)**
[25] EN
[54] **ELECTRONIC PATH ENTERING FOR AUTONOMOUS OR SEMI-AUTONOMOUS TRAILER BACKING**
[54] **INTRODUCTION ELECTRONIQUE D'UN PARCOURS DE MARCHE ARRIERE D'UNE REMORQUE AUTONOME OU SEMI-AUTONOME**
[72] PALAZZOLO, JILL, US
[72] MCCLAIN, JEREMY, US
[73] CONTINENTAL AUTOMOTIVE SYSTEMS, INC., US
[85] 2013-12-30
[86] 2012-07-25 (PCT/US2012/048098)
[87] (WO2013/003866)

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[11] **2,848,184**
[13] C
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 29/04 (2006.01) E21B 43/114 (2006.01)**
[25] EN
[54] **CUTTING ASSEMBLY AND METHOD OF CUTTING COILED TUBING**
[54] **ENSEMBLE DE COUPE ET PROCEDE DE COUPE DE TUBE D'INTERVENTION ENROULE**
[72] MISSELBROOK, JOHN GORDON, CA
[72] SACH, MANFRED, NO
[72] SKUFCA, JASON, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-03-07
[86] 2012-09-04 (PCT/US2012/053665)
[87] (WO2013/052225)
[30] US (13/247,757) 2011-09-28

---

[11] **2,850,086**
[13] C
[51] **Int.Cl. B25B 13/46 (2006.01) B25B 13/00 (2006.01)**
[25] EN
[54] **HAND TOOL HEAD ASSEMBLY AND HOUSING APPARATUS**
[54] **ENSEMBLE DE TETE D'OUTIL A MAIN ET DISPOSITIF DE LOGEMENT**
[72] BEER, JOSHUA M., US
[72] HAPP, KENNETH C., US
[73] SNAP-ON INCORPORATED, US
[86] (2850086)
[87] (2850086)
[22] 2014-04-24
[30] US (13/894,805) 2013-05-15

---

[11] **2,850,950**
[13] C
[51] **Int.Cl. G01P 15/06 (2006.01) B29C 70/08 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL COMPONENT**
[54] **COMPOSANT DE MATERIAU COMPOSITE**
[72] CHASE, IAN THOMAS, GB
[72] LEWIS, PAUL ANTHONY, GB
[73] CROMPTON TECHNOLOGY GROUP LTD, GB
[85] 2014-04-02
[86] 2012-11-21 (PCT/GB2012/052884)
[87] (WO2013/076486)
[30] GB (1120227.2) 2011-11-23

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[11] **2,851,693**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01) G06F 21/35 (2013.01) G06F 21/00 (2013.01) H04L 12/06 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DEVICE FOR MOBILE COMMUNICATION**
[54] **DISPOSITIF POUR UNE COMMUNICATION MOBILE**
[72] ADENUGA, DOMINIC, DE
[73] MONEY AND DATA PROTECTION LIZENZ GMBH & CO. KG, DE
[85] 2014-04-09
[86] 2012-10-30 (PCT/EP2012/071502)
[87] (WO2013/064504)
[30] EP (11187280.0) 2011-10-31

[11] **2,851,869**
[13] C
[51] **Int.Cl. H01F 7/18 (2006.01) G05B 1/01 (2006.01)**
[25] EN
[54] **REDUNDANT CURRENT-SUM FEEDBACK ACTUATOR**
[54] **ACTIONNEUR DE RETROACTION COURANT-SOMME REDONDANTE**
[72] MATSUI, GEN, US
[73] THE BOEING COMPANY, US
[86] (2851869)
[87] (2851869)
[22] 2014-05-14

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[11] **2,852,280**
[13] C
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WEAR ASSEMBLY**
[54] **ENSEMBLE D'USURE**
[72] CARPENTER, CHRISTOPHER M., US
[73] ESCO CORPORATION, US
[86] (2852280)
[87] (2852280)
[22] 2007-02-14
[62] 2,636,746
[30] US (60/774,401) 2006-02-17

---

[11] **2,852,588**
[13] C
[51] **Int.Cl. B26D 7/01 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF POST-CURE PROCESSING OF COMPOSITE CORE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT APRES DURCISSEMENT D'UN NOYAU COMPOSITE**
[72] KENDRICK, PHILLIP A., US
[72] ARMSTRONG, LEVI H., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2852588)
[87] (2852588)
[22] 2014-05-23
[30] US (13/914,737) 2013-06-11

---

[11] **2,853,128**
[13] C
[51] **Int.Cl. A61K 9/14 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED NANOPARTICLES FOR INTRACELLULAR DELIVERY OF BIOLOGICALLY ACTIVE MOLECULES**
[54] **NANOPARTICULES FONCTIONNALISEES POUR L'ADMINISTRATION INTRACELLULAIRE DE MOLECULES BIOLOGIQUEMENT ACTIVES**
[72] APRIKYAN, ANDRANIK ANDREW, US
[72] DILL, KILIAN, US
[73] STEMGENICS, INC, US
[85] 2014-04-22
[86] 2012-10-22 (PCT/US2012/061391)
[87] (WO2013/059831)
[30] US (61/550,213) 2011-10-21

---

[11] **2,854,094**
[13] C
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **INFUSION PUMP**
[54] **POMPE A PERFUSION**
[72] GILLESPIE, JOHN, JR., US
[72] LABEDZ, RALPH H., US
[72] PLATT, MICHAEL KENNETH, US
[72] SPANG, RONALD H., JR., US
[72] BERRILL, JAMES FREI, US
[72] VOGEL, MATTHEW STEPHEN, US
[72] GREANEY, MICHELLE KOWALSKI, US
[73] BAXTER INTERNATIONAL INC., US
[86] (2854094)
[87] (2854094)
[22] 2002-11-15
[62] 2,756,560
[30] US (10/172,807) 2002-06-14

---

[11] **2,854,285**
[13] C
[51] **Int.Cl. G03G 15/06 (2006.01) G03G 15/01 (2006.01)**
[25] EN
[54] **PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS**
[54] **CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE**
[72] CHADANI, KAZUO, JP
[72] MORI, TOMONORI, JP
[72] HASHIMOTO, KOJI, JP
[73] CANON KABUSHIKI KAISHA, JP
[86] (2854285)
[87] (2854285)
[22] 2007-11-01
[62] 2,667,787
[30] JP (2007-259660) 2007-10-03
[30] JP (2006-332837) 2006-12-11

---

[11] **2,854,674**
[13] C
[51] **Int.Cl. C09B 67/20 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C09B 47/20 (2006.01) C09D 11/00 (2014.01)**
[25] EN
[54] **COLORING COMPOSITION AND INK FOR INKJET RECORDING**
[54] **COMPOSITION COLORANTE ET ENCRE DESTINEES A L'ENREGISTREMENT A JET D'ENCRE**
[72] FUJIE, YOSHIHIKO, JP
[72] PATEL, PRAKASH, GB
[72] FOSTER, CLIVE EDWIN, GB
[72] TATEISHI, KEIICHI, GB
[73] FUJIFILM CORPORATION, JP
[85] 2014-05-02
[86] 2012-11-07 (PCT/JP2012/078799)
[87] (WO2013/069667)
[30] JP (2011-244971) 2011-11-08
[30] JP (2011-262829) 2011-11-30
[30] JP (2011-262830) 2011-11-30
[30] JP (2012-182688) 2012-08-21

[11] **2,854,751**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **IMPROVED SAGD OIL RECOVERY METHOD UTILIZING MULTI-LATERAL PRODUCTION WELLS AND/OR COMMON FLOW DIRECTION**
[54] **PROCEDE AMELIORE DE RECUPERATION DE PETROLE PAR DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR UTILISANT DES PUITS DE PRODUCTION MULTILATERAUX OU UNE DIRECTION D'ECOULEMENT COMMUNE**
[72] JOSHARI, KAMRAN R., CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
[86] (2854751)
[87] (2854751)
[22] 2012-11-02
[62] 2,794,205

[11] **2,854,803**
[13] C
[51] **Int.Cl. B64D 33/02 (2006.01) B64C 1/14 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **AUXILIARY POWER UNIT INLET APPARATUS AND METHODS**
[54] **PROCEDES ET DISPOSITIF A ENTREE DE GROUPE AUXILIAIRE DE BORD**
[72] TRETOW, PAUL R., US
[72] CHAMBERS, DAVID S., US
[72] WILLIE, ROBERT H., US
[73] THE BOEING COMPANY, US
[86] (2854803)
[87] (2854803)
[22] 2014-06-19
[30] US (13/952219) 2013-07-26

[11] **2,854,961**
[13] C
[51] **Int.Cl. H04W 48/08 (2009.01) H04W 4/14 (2009.01) H04W 24/04 (2009.01)**
[25] EN
[54] **DEVICE MANAGED ACCESS POINT LISTS IN WIRELESS COMMUNICATIONS**
[54] **LISTE DE POINTS D'ACCES GEREE PAR DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] YOON, YOUNG C., US
[72] HORN, GAVIN B., US
[73] QUALCOMM INCORPORATED, US
[86] (2854961)
[87] (2854961)
[22] 2009-03-26
[62] 2,719,604
[30] US (61/039,728) 2008-03-26
[30] US (61/102,325) 2008-10-02
[30] US (12/407,714) 2009-03-19

[11] **2,855,394**
[13] C
[51] **Int.Cl. F24H 9/00 (2006.01) F24H 1/10 (2006.01)**
[25] EN
[54] **PRESSURE COMPENSATION AND MIXING DEVICE FOR FLUID HEATERS**
[54] **COMPENSATION DE PRESSION ET DISPOSITIF MELANGEUR POUR APPAREILS DE CHAUFFAGE DE FLUIDE**
[72] WICKELMAIER, PETER, DE
[72] LAGING, JOHANNES, DE
[73] TRUMA GERATETECHNIK GMBH & CO., DE
[86] (2855394)
[87] (2855394)
[22] 2014-07-02
[30] DE (20 2013 006 208.8) 2013-07-09

[11] **2,855,673**
[13] C
[51] **Int.Cl. C23C 28/00 (2006.01) C23C 22/05 (2006.01) C25D 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR PASSIVATION OF STRIP BLACK PLATE**
[54] **METHODE DE PASSIVATION D'UNE PLAQUE ARRIERE DE BANDE**
[72] SAUER, REINER, DE
[72] MARMANN, ANDREA, DE
[72] OBERHOFFER, HELMUT, DE
[72] KASDORF, TATJANA, DE
[72] MENZEL, GERHARD, DE
[72] MATUSCH, DIRK, DE
[72] GOERTZ, RAINER, DE
[73] THYSSENKRUPP RASSELSTEIN GMBH, DE
[86] (2855673)
[87] (2855673)
[22] 2014-07-03
[30] DE (10 2013 107 506.1) 2013-07-16

[11] **2,855,765**
[13] C
[51] **Int.Cl. B65G 69/28 (2006.01) B65G 69/00 (2006.01)**
[25] EN
[54] **LOADING DOCK SEALING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'ETANCHEITE DE PLATEFORME DE CHARGEMENT**
[72] METZ, DONALD L., US
[73] DL MANUFACTURING, US
[85] 2014-05-13
[86] 2012-08-10 (PCT/US2012/050321)
[87] (WO2013/023136)
[30] US (61/522,007) 2011-08-10

[11] **2,856,078**
[13] C
[51] **Int.Cl. A63B 24/00 (2006.01) G06F 13/14 (2006.01)**
[25] EN
[54] **EXERCISE DEVICE HAVING COMMUNICATION LINKAGE FOR CONNECTION WITH EXTERNAL COMPUTING DEVICE**
[54] **DISPOSITIF D'EXERCICE COMPORTANT UNE LIAISON DE COMMUNICATION POUR UNE CONNEXION AVEC UN DISPOSITIF INFORMATIQUE EXTERNE**
[72] BRAMMER, CHASE, US
[73] ICON HEALTH & FITNESS, INC., US
[85] 2014-05-15
[86] 2013-01-03 (PCT/US2013/020061)
[87] (WO2013/103660)
[30] US (61/583,702) 2012-01-06

[11] **2,856,100**
[13] C
[51] **Int.Cl. C07D 209/22 (2006.01) A61K 31/405 (2006.01) A61K 31/416 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) C07D 231/56 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 403/06 (2006.01) C07D 405/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NITROGEN-CONTAINING FUSED RING COMPOUNDS AS CRTH2 ANTAGONISTS**
[54] **COMPOSES CYCLIQUES CONDENSES CONTENANT DE L'AZOTE POUR UTILISATION EN TANT QU'ANTAGONISTES DU CRTH2**
[72] ZHANG, YAN, CN
[72] ZHANG, MIN, CN
[72] LO, HO YIN, CN
[73] KBP BIOSCIENCES CO., LTD., CN
[85] 2014-05-15
[86] 2012-11-16 (PCT/CN2012/084756)
[87] (WO2013/071880)
[30] CN (201110364581.3) 2011-11-17
[30] CN (201210319955.4) 2012-09-03

[11] **2,857,938**
[13] C
[51] **Int.Cl. F02C 7/00 (2006.01) B64D 33/00 (2006.01) F02C 7/04 (2006.01)**
[25] EN
[54] **FAN CASE WITH ATTACHMENT BOSS**
[54] **BOITIER DE VENTILATEUR DOTE D'UN BOSSAGE DE FIXATION**
[72] OTSU, OSAMU, JP
[72] SHIGENARI, YU, JP
[72] HARADA, TAKASHI, JP
[72] MURAKAMI, TSUTOMU, JP
[73] IHI CORPORATION, JP
[73] IHI AEROSPACE CO., LTD., JP
[85] 2014-06-02
[86] 2011-12-07 (PCT/JP2011/078239)
[87] (WO2013/084308)

[11] **2,858,143**
[13] C
[51] **Int.Cl. B31F 1/12 (2006.01) D21F 11/00 (2006.01)**
[25] EN
[54] **FABRIC CREPE/DRAW PROCESS FOR PRODUCING ABSORBENT SHEET**
[54] **PROCEDE D'EXTENSION D'UN TISSU CREPE UTILISE POUR PRODUIRE UNE FEUILLE ABSORBANTE**
[72] MCCULLOUGH, STEPHEN J., US
[72] EDWARDS, STEVEN L., US
[72] MURRAY, FRANK, US
[72] SUPER, GUY H., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[86] (2858143)
[87] (2858143)
[22] 2006-03-21
[62] 2,603,753
[30] US (11/108,375) 2005-04-18

[11] **2,858,369**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **A BLOOD FLOW CONTROLLING APPARATUS**
[54] **APPAREIL DE CONTROLE DU DEBIT**
[72] SOLEM, JAN OTTO, CH
[73] EDWARDS LIFESCIENCES AG, CH
[86] (2858369)
[87] (2858369)
[22] 2006-04-20
[62] 2,603,948
[30] SE (0500891-7) 2005-04-21

[11] **2,859,195**
[13] C
[51] **Int.Cl. C08G 77/38 (2006.01) C08F 20/10 (2006.01) C08J 5/00 (2006.01) C08J 7/12 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **IMBIBING PROCESS FOR CONTACT LENS SURFACE MODIFICATION**
[54] **PROCESSUS D'IMPREGNATION DESTINE A LA MODIFICATION DE LA SURFACE DE LENTILLES DE CONTACT**
[72] ZHANG, ZHENG, US
[72] SCHULTZ, KAREN ANN, US
[72] SKINNER, MATT, US
[72] LOOSE, CHRISTOPHER R., US
[73] ARROW INTERNATIONAL, INC., US
[85] 2014-06-12
[86] 2012-12-14 (PCT/US2012/069894)
[87] (WO2013/115917)
[30] US (61/570,801) 2011-12-14

[11] **2,859,835**
[13] C
[51] **Int.Cl. B32B 3/08 (2006.01) B32B 7/12 (2006.01) B32B 17/02 (2006.01) B32B 17/06 (2006.01) B32B 33/00 (2006.01) C09K 21/00 (2006.01)**
[25] EN
[54] **FIREPROOF THERMAL INSULATION SYSTEM AND METHOD**
[54] **DISPOSITIF D'ISOLEMENT THERMIQUE IGNIFUGE ET METHODE**
[72] GREEN, ANDY E., US
[73] DISTRIBUTION INTERNATIONAL SOUTHWEST, INC., US
[86] (2859835)
[87] (2859835)
[22] 2014-08-19
[30] US (62/004,675) 2014-05-29
[30] US (14/448,782) 2014-07-31

[11] **2,861,087**
[13] C
[51] **Int.Cl. A47B 45/00 (2006.01) A47B 46/00 (2006.01) A47G 25/06 (2006.01)**
[25] EN
[54] **VARIABLE PLANFORM SHELVING SYSTEM**
[54] **SYSTEME D'ETAGERES A FORME EN PLAN VARIABLE**
[72] FANOURGIAKIS, GEORGE, US
[72] BRUCIA, LAWRENCE, US
[73] STOREXPERTS, INC., US
[85] 2014-07-11
[86] 2013-01-28 (PCT/US2013/023449)
[87] (WO2013/112998)
[30] US (13/359,016) 2012-01-26
[30] US (61/702,157) 2012-09-17

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[11] **2,861,635**
[13] C
[51] **Int.Cl. F27D 27/00 (2010.01) B01F 7/00 (2006.01) B01F 13/08 (2006.01)**
[25] EN
[54] **METAL MELT CIRCULATING DRIVE DEVICE AND MAIN BATH INCLUDING THE SAME**
[54] **DISPOSITIF D'ENTRAINEMENT EN ROTATION DE METAL FONDU ET BAIN PRINCIPAL CONTENANT CELUI-CI**
[72] TAKAHASHI, KENZO, JP
[73] TAKAHASHI, KENZO, JP
[85] 2014-06-04
[86] 2014-03-31 (PCT/JP2014/059414)
[87] (WO2014/208898)
[30] JP (2013-090729) 2013-04-23

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[11] **2,861,763**
[13] C
[51] **Int.Cl. B32B 15/08 (2006.01) B05D 7/14 (2006.01) B05D 7/24 (2006.01) C09D 5/08 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01) C23C 26/00 (2006.01)**
[25] EN
[54] **PRECOATED METAL SHEET FOR AUTOMOBILE USE EXCELLENT IN RESISTANCE WELDABILITY, CORROSION RESISTANCE, AND FORMABILITY**
[54] **PLAQUE METALLIQUE REVETUE POUR VEHICULES, PRESENTANT UNE EXCELLENTE APTITUDE AU SOUDAGE PAR RESISTANCE, UNE EXCELLENTE RESISTANCE A LA CORROSION ET UNE EXCELLENTE APTITUDE AU MOULAGE**
[72] YUASA, KENSEI, JP
[72] YAMAOKA, IKURO, JP
[72] MORISHITA, ATSUSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-06-26
[86] 2013-03-05 (PCT/JP2013/056021)
[87] (WO2013/133284)
[30] JP (2012-049111) 2012-03-06
[30] JP (2012-258553) 2012-11-27

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[11] **2,862,097**
[13] C
[51] **Int.Cl. A45C 11/00 (2006.01)**
[25] EN
[54] **EXPLOSION PROOF TABLET ENCLOSURE**
[54] **ENVELOPPE DE TABLETTE RESISTANT AUX EXPLOSIONS**
[72] BALOURDET, XAVIER, US
[73] XCIEL, INC., US
[85] 2014-07-21
[86] 2013-01-30 (PCT/US2013/023900)
[87] (WO2013/116370)
[30] US (61/592,053) 2012-01-30
[30] US (61/635,959) 2012-04-20
[30] US (13/683,834) 2012-11-21

---

[11] **2,862,790**
[13] C
[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/74 (2006.01) C12P 7/06 (2006.01) C12P 7/40 (2006.01)**
[25] EN
[54] **A RECOMBINANT CARBOXYDOTROPHIC ACETOGENIC MICROORGANISM AND USES THEREOF IN MICROBIAL FERMENTATION**
[54] **UN MICRO-ORGANISME CARBOXYDROTROPHIQUE ACETOGENIQUE RECOMBINANT ET SES UTILISATIONS POUR LA FERMENTATION MICROBIENNE**
[72] KOEPKE, MICHAEL, NZ
[72] NAGARAJU, SHILPA, NZ
[72] CHEN, WENDY, NZ
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2014-07-25
[86] 2013-01-31 (PCT/NZ2013/000012)
[87] (WO2013/115659)
[30] US (61/593,269) 2012-01-31

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[11] **2,862,833**
[13] C
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR PIPES**
[54] **JOINT FILETE POUR TUYAUX**
[72] OSHIMA, MASAHIRO, JP
[72] UGAI, SHIN, JP
[72] OKADA, TAKASHI, JP
[72] SASAKI, MASAYOSHI, JP
[72] YAMAGUCHI, SUGURU, JP
[72] SUGINO, MASAAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2014-07-08
[86] 2013-01-17 (PCT/JP2013/051363)
[87] (WO2013/108931)
[30] JP (2012-008922) 2012-01-19

[11] **2,863,796**
[13] C
[51] **Int.Cl. E21B 47/08 (2012.01) E21B 47/026 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **MODELING AND ANALYSIS OF HYDRAULIC FRACTURE PROPAGATION TO SURFACE FROM A CASING SHOE**
[54] **MODELISATION ET ANALYSE DE PROPAGATION DE FRACTURE HYDRAULIQUE VERS LA SURFACE DEPUIS UN SABOT DE TUBAGE**
[72] GUMAROV, SALAMAT, KZ
[72] SHOKANOV, TALGAT A., KZ
[72] RONDEROS, JULIO ROBERTO, US
[72] SIMPSON, KEVIN, AU
[72] ANOKHIN, VIACHESLAV VIKTOROVICH, US
[72] BENELKADI, SAID, GB
[73] M-I L.L.C., US
[85] 2014-08-05
[86] 2013-02-06 (PCT/US2013/024959)
[87] (WO2013/119685)
[30] US (61/595,478) 2012-02-06

[11] **2,864,907**
[13] C
[51] **Int.Cl. B29C 45/60 (2006.01) B29C 45/16 (2006.01)**
[25] EN
[54] **HIGH THERMAL CONDUCTIVITY CO-INJECTION MOLDING SYSTEM**
[54] **SYSTEME DE MOULAGE PAR CO-INJECTION A CONDUCTIVITE THERMIQUE ELEVEE**
[72] BERG, CHARLES JOHN, JR., US
[72] ALTONEN, GENE MICHAEL, US
[72] NEUFARTH, RALPH EDWIN, US
[72] BOSWELL, EMILY CHARLOTTE, US
[72] LAYMAN, JOHN MONCRIEF, US
[73] IMFLUX, INC., US
[85] 2014-08-15
[86] 2013-02-22 (PCT/US2013/027279)
[87] (WO2013/126667)
[30] US (61/602,650) 2012-02-24

[11] **2,867,076**
[13] C
[51] **Int.Cl. A01N 63/04 (2006.01) A01N 25/12 (2006.01) A01N 25/22 (2006.01)**
[25] EN
[54] **A FORMULATION COMPRISING A PARTICULATE CALCIUM SILICATE AND CLONOSTACHYS ROSEA FOR TREATING PLANTS**
[54] **FORMULATION CONTENANT UN SILICATE DE CALCIUM PARTICULAIRE ET CLONOSTACHYS ROSEA POUR LE TRAITEMENT DE PLANTES**
[72] MASON, TODD GORDON, CA
[72] SUTTON, JOHN CLIFFORD, CA
[73] BEE VECTORING TECHNOLOGY INC., CA
[85] 2014-09-11
[86] 2013-03-11 (PCT/CA2013/050179)
[87] (WO2013/134870)
[30] US (61/609,540) 2012-03-12

[11] **2,867,296**
[13] C
[51] **Int.Cl. C11D 11/00 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITIONS COMPRISING PH-SWITCHABLE AMINE SURFACTANTS**
[54] **COMPOSITIONS DE NETTOYAGE COMPRENANT DES TENSIOACTIFS AMINES COMMUTABLES EN FONCTION DU PH**
[72] OH, HIROSHI, US
[72] WOS, JOHN AUGUST, US
[72] GARDNER, ROBB RICHARD, US
[72] BATES, TIM, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-09-12
[86] 2013-03-26 (PCT/US2013/033820)
[87] (WO2013/148639)
[30] US (61/615,538) 2012-03-26

[11] **2,868,256**
[13] C
[51] **Int.Cl. B29C 53/56 (2006.01) B29C 70/04 (2006.01) E04C 5/07 (2006.01)**
[25] FR
[54] **BENT REINFORCEMENT ROD HAVING IMPROVED MECHANICAL STRENGTH AT THE BENDING POINT THEREOF, AND METHOD FOR PRODUCING SAME**
[54] **TIGE COURBEE DE RENFORCEMENT AYANT UNE RESISTANCE MECANIQUE AMELIOREE A L'ENDROIT DE SA COURBURE ET METHODE POUR PRODUIRE CELLE-CI**
[72] ST-CYR, DANNY, CA
[72] LALLIER, ALEXANDRE, CA
[73] PULTRALL INC., CA
[85] 2014-09-22
[86] 2013-01-24 (PCT/CA2013/050046)
[87] (WO2013/138921)
[30] CA (2773042) 2012-03-23

[11] **2,872,341**
[13] C
[51] **Int.Cl. C22B 60/02 (2006.01) B01D 11/04 (2006.01) C22B 3/20 (2006.01)**
[25] EN
[54] **SOLVENT EXTRACTION METHOD FOR URANIUM**
[54] **PROCEDE D'EXTRACTION DE SOLVANT POUR L'URANIUM**
[72] NAKAYAMA, TAKASHI, JP
[73] JGC CORPORATION, JP
[85] 2014-10-31
[86] 2012-05-18 (PCT/JP2012/003274)
[87] (WO2013/171804)

[11] **2,873,150**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04H 60/45 (2009.01) H04N 21/4415 (2011.01) H04N 21/8358 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTHORIZING A USER DEVICE**
[54] **METHODE ET SYSTEME D'AUTORISATION D'UN DISPOSITIF UTILISATEUR**
[72] VITALIS, LAURENT, CA
[72] COTE, PHILIPPE, CA
[73] STINGRAY DIGITAL GROUP INC., CA
[86] (2873150)
[87] (2873150)
[22] 2014-12-01

[11] **2,875,442**
[13] C
[51] **Int.Cl. B65B 9/20 (2012.01) B65B 9/207 (2012.01) B65B 9/213 (2012.01) B65B 9/12 (2006.01) B65B 57/00 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING PORTIONS OF A FOOD MASS**
[54] **PROCEDE DE DECOUPE DE PORTIONS D'UNE MASSE DE PRODUIT ALIMENTAIRE**
[72] ZEUSCHNER, ROLAND, DE
[72] ERD, ANDREAS, DE
[73] HOCHLAND SE, DE
[85] 2014-12-02
[86] 2013-06-05 (PCT/EP2013/061570)
[87] (WO2014/001044)
[30] DE (10 2012 105 749.4) 2012-06-29

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[11] **2,876,078**
[13] C
[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **FRACTURE WATER TREATMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT A L'EAU DE FRACTURATION**
[72] MUNISTERI, JOSEPH G., US
[73] MBJ WATER PARTNERS, US
[85] 2014-12-08
[86] 2013-02-22 (PCT/US2013/027429)
[87] (WO2014/018094)
[30] US (61/676,628) 2012-07-27
[30] US (13/594,497) 2012-08-24
[30] US (13/753,310) 2013-01-29

---

[11] **2,876,079**
[13] C
[51] **Int.Cl. C11B 3/12 (2006.01) C11B 3/14 (2006.01)**
[25] EN
[54] **DEACIDIFICATION OF FATS AND OILS**
[54] **DESACIDIFICATION DES GRAISSES ET DES HUILES**
[72] SARUP, BENT, DK
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2014-12-09
[86] 2013-06-19 (PCT/EP2013/062705)
[87] (WO2014/009117)
[30] EP (12176123.3) 2012-07-12

---

[11] **2,878,998**
[13] C
[51] **Int.Cl. C08F 2/00 (2006.01) C08F 4/654 (2006.01) C08F 10/06 (2006.01) C08F 210/06 (2006.01) C08F 297/08 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF POLYPROPYLENE WITH IMPROVED PRODUCTIVITY**
[54] **PROCEDE POUR LA PREPARATION DE POLYPROPYLENE A PRODUCTIVITE AMELIOREE**
[72] NEISSL, WOLFGANG, AT
[72] GLOGER, DIETRICH, AT
[72] HORILL, THOMAS, AT
[72] SANDHOLZER, MARTINA, AT
[72] POTTER, GREGORY, AT
[73] BOREALIS AG, AT
[85] 2015-01-13
[86] 2013-07-30 (PCT/EP2013/065945)
[87] (WO2014/023604)
[30] EP (12179546.2) 2012-08-07

---

[11] **2,880,205**
[13] C
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WEAR ASSEMBLY FOR EXCAVATING EQUIPMENT**
[54] **ASSEMBLAGE D'USURE POUR EQUIPEMENT D'EXCAVATION**
[72] OLLINGER, CHARLES G., IV, US
[72] SNYDER, CHRIS D., US
[72] KREITZBERG, JOHN S., US
[73] ESCO CORPORATION, US
[86] (2880205)
[87] (2880205)
[22] 2008-05-06
[62] 2,686,620
[30] US (60/928,780) 2007-05-10
[30] US (60/928,821) 2007-05-10
[30] US (60/930,483) 2007-05-15

---

[11] **2,881,780**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING AND IMPROVING THE EFFICIENCY OF SOCIAL MEDIA CAMPAIGNS**
[54] **SYSTEME ET PROCEDE DE MESURE ET D'AMELIORATION DE L'EFFICACITE DES CAMPAGNES DE MEDIAS SOCIAUX**
[72] ALLARD, PAUL, CA
[72] LIACAS, TOM, CA
[73] ENGAGEMENT LABS INC. / LABORATOIRES ENGAGEMENT INC., CA
[85] 2015-02-11
[86] 2012-07-10 (PCT/CA2012/000665)
[87] (WO2013/091064)
[30] US (61578470) 2011-12-21

---

[11] **2,882,678**
[13] C
[51] **Int.Cl. C11D 9/60 (2006.01)**
[25] EN
[54] **A CLEANING COMPOSITION COMPRISING SOAPBERRIES AND SAPONIFIED OIL**
[54] **UNE COMPOSITION DE NETTOYAGE RENFERMANT DES SHEPHERDIES DU CANADA ET DE L'HUILE SAPONIFIEE**
[72] MCCARTHY, ADAM, US
[72] GORDON, DAVID ANDREW, US
[73] GREENOLOGY PRODUCTS, INC., US
[86] (2882678)
[87] (2882678)
[22] 2015-02-20
[30] US (14/615288) 2015-02-05

[11] **2,882,774**
[13] C
[51] **Int.Cl. F17D 1/16 (2006.01) C07C 1/24 (2006.01) C07C 29/151 (2006.01) C07C 29/80 (2006.01) C07C 41/09 (2006.01) F17D 1/17 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE TRANSPORTABILITY OF HEAVY CRUDE OIL**
[54] **PROCEDE D'AMELIORATION DE L'APTITUDE A L'ECOULEMENT DE PETROLE BRUT LOURD**
[72] WAGNER, ULRICH, DE
[72] BALTHASAR, WOLFF, DE
[72] MULLER, DIERK, DE
[73] WAGNER, ULRICH, DE
[73] BALTHASAR, WOLFF, DE
[73] MULLER, DIERK, DE
[85] 2015-02-23
[86] 2013-08-22 (PCT/DE2013/100302)
[87] (WO2014/036994)
[30] DE (PCT/DE2012/100262) 2012-09-04

[11] **2,884,013**
[13] C
[51] **Int.Cl. H04L 12/66 (2006.01)**
[25] EN
[54] **GATEWAY DEVICE FOR MACHINE-TO-MACHINE COMMUNICATION WITH DUAL CELLULAR INTERFACES**
[54] **DISPOSITIFS DE PASSERELLE POUR UNE COMMUNICATION DE MACHINE A MACHINE AVEC DES INTERFACES CELLULAIRES DOUBLES**
[72] RUCKER, JEFF, US
[72] ARMERDING, DONALD G., US
[73] SYSTECH CORPORATION, US
[85] 2015-03-05
[86] 2014-04-17 (PCT/US2014/034548)
[87] (WO2014/172567)
[30] US (61/813,066) 2013-04-17

[11] **2,884,444**
[13] C
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **COMPRESSOR-DISTRACTOR**
[54] **DISPOSITIF DE COMPRESSION-DISTRACTION**
[72] CHAN, JASON S., US
[72] MAST, JEFF W., US
[72] DIDOMENICO, SCOTT R., US
[72] MAYO, KEITH A., US
[72] BOLHOFNER, BRETT R., US
[73] DEPUY SYNTHES PRODUCTS, LLC, US
[86] (2884444)
[87] (2884444)
[22] 2005-06-30
[62] 2,572,623
[30] US (10/884,704) 2004-07-02

[11] **2,885,099**
[13] C
[51] **Int.Cl. G01N 1/36 (2006.01) C12M 1/12 (2006.01) C12M 1/36 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **CELL BLOCK EMBEDDING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES D'INCORPORATION DE BLOC DE CELLULES**
[72] HUTCHINS, TIMOTHY, US
[72] WATTS, HAL, US
[72] SCAMPINI, STEVEN A., US
[72] GRIMES, ERIC, US
[72] FISCHER, ANDREW H., US
[73] CYTYC CORPORATION, US
[86] (2885099)
[87] (2885099)
[22] 2007-08-15
[62] 2,660,629
[30] US (60/822,449) 2006-08-15
[30] US (60/863,941) 2006-11-01

[11] **2,888,066**
[13] C
[51] **Int.Cl. C07C 51/42 (2006.01) B01J 19/24 (2006.01) C07C 57/04 (2006.01)**
[25] EN
[54] **REMOVAL OF ALDEHYDES IN ACETIC ACID PRODUCTION**
[54] **ELIMINATION D'ALDEHYDES DANS LA PRODUCTION D'ACIDE ACETIQUE**
[72] HALLINAN, NOEL C., US
[72] SALISBURY, BRIAN A., US
[73] LYONDELLBASELL ACETYLS, LLC, US
[85] 2015-04-15
[86] 2013-10-29 (PCT/US2013/067266)
[87] (WO2014/070739)
[30] US (13/664,549) 2012-10-31

[11] **2,889,169**
[13] C
[51] **Int.Cl. B29C 70/06 (2006.01) B29C 70/10 (2006.01) F01D 25/24 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **CYLINDRICAL CASE AND MANUFACTURING METHOD OF CYLINDRICAL CASE**
[54] **ENVELOPPE CYLINDRIQUE ET PROCEDE DE FABRICATION D'ENVELOPPE CYLINDRIQUE**
[72] MURAKAMI, TSUTOMU, JP
[72] OKUMURA, IKUO, JP
[72] SHIGENARI, YUU, JP
[72] HARADA, TAKASHI, JP
[72] DAN, YUSUKE, JP
[73] IHI CORPORATION, JP
[73] IHI AEROSPACE CO., LTD., JP
[85] 2015-04-22
[86] 2013-10-22 (PCT/JP2013/078585)
[87] (WO2014/065280)
[30] JP (2012-235354) 2012-10-25

[11] **2,889,689**
[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **ANIMATION SEQUENCE ASSOCIATED WITH FEEDBACK USER-INTERFACE ELEMENT**
[54] **SEQUENCE D'ANIMATION ASSOCIEE A UN ELEMENT D'INTERFACE UTILISATEUR DE RETROACTION**
[72] MATAS, MICHAEL, US
[72] FLYNN, WILLIAM JOSEPH, US
[72] WALKIN, BRANDON MARSHALL, US
[73] FACEBOOK, INC., US
[85] 2015-04-27
[86] 2013-10-29 (PCT/US2013/067226)
[87] (WO2014/078072)
[30] US (13/676,658) 2012-11-14

[11] **2,889,720**
[13] C
[51] **Int.Cl. B23B 45/14 (2006.01) B23D 45/02 (2006.01) B28D 7/00 (2006.01)**
[25] EN
[54] **SPACER FOR SPACING A TOOL FROM A TOOL STAND**
[54] **ENTRETOISE POUR ESPACER UN OUTIL VIS-A-VIS D'UN MONTANT D'OUTIL**
[72] JONSSON, ANDREAS, SE
[72] FREIDLITZ, LARS, SE
[72] GRENNHAG, DAVID, SE
[72] THORDSSON, JAKOB, SE
[73] HUSQVARNA AB, SE
[85] 2015-04-30
[86] 2012-10-31 (PCT/SE2012/051186)
[87] (WO2014/070054)

[11] **2,890,193**
[13] C
[51] **Int.Cl. B62D 37/02 (2006.01) B62D 35/02 (2006.01) B62D 63/06 (2006.01)**
[25] EN
[54] **MULTICOMPONENT IMPROVED VEHICLE FUEL ECONOMY SYSTEM**
[54] **SYSTEME D'ECONOMIE DE CARBURANT POUR VEHICULE PERFECTIONNE A COMPOSANTS MULTIPLES**
[72] WIEGEL, J. PARR, US
[73] EKOSTINGER, INC., US
[85] 2015-05-04
[86] 2013-11-06 (PCT/US2013/068617)
[87] (WO2014/074536)
[30] US (61/723,506) 2012-11-07
[30] US (13/839,662) 2013-03-15
[30] US (61/838,111) 2013-06-21
[30] US (61/838,677) 2013-06-24

[11] **2,892,028**
[13] C
[51] **Int.Cl. E02B 17/00 (2006.01) E02B 17/02 (2006.01) E21B 7/00 (2006.01) E21B 7/12 (2006.01) E21B 15/02 (2006.01)**
[25] EN
[54] **STRUCTURE-SUPPORTED JACKUP SYSTEM**
[54] **SYSTEME AUTO-ELEVATEUR A STRUCTURE DE SUPPORT**
[72] FOO, KOK SENG, SG
[72] PERRY, MICHAEL JOHN, SG
[72] QUAH, CHIN KAU MATTHEW, SG
[72] WANG, CYNTHIA, SG
[72] CHEUNG, TAK ON, US
[72] SHAFER, RANDALL SCOTT, US
[72] NOBLE, PETER, US
[73] KEPPEL OFFSHORE & MARINE TECHNOLOGY CENTRE PTE LTD, SG
[85] 2015-05-19
[86] 2013-11-22 (PCT/SG2013/000498)
[87] (WO2014/081396)
[30] SG (201208667-4) 2012-11-23

[11] **2,893,350**
[13] C
[51] **Int.Cl. B64C 17/08 (2006.01) B64C 17/02 (2006.01) B64C 27/04 (2006.01) B64C 39/02 (2006.01) B64D 17/80 (2006.01)**
[25] EN
[54] **TAIL GAS BALANCE SYSTEM USED FOR AN UNMANNED HELICOPTER**
[54] **MECANISME D'EQUILIBRAGE DE GAZ RESIDUAIRE**
[72] ZHAO, SHUGUANG, CN
[72] ZHAO, HONGBO, CN
[72] LI, ZHAOYANG, CN
[73] QINGDAO HONG BAICHUAN METAL PRECISION PRODUCTS CO., LTD., CN
[86] (2893350)
[87] (2893350)
[22] 2015-06-02
[30] CN (201410315531X) 2014-07-03

[11] **2,905,326**
[13] C
[51] **Int.Cl. C07H 21/00 (2006.01) G06F 19/20 (2011.01) A61K 31/7088 (2006.01) A61K 38/16 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07H 21/04 (2006.01) C07K 14/00 (2006.01) C12N 15/10 (2006.01) C12N 15/30 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) C40B 40/08 (2006.01) C40B 50/06 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS AND METHODS FOR THE DETECTION OF KLEBSIELLA**
[54] **ACIDES NUCLEIQUES ET METHODES DE DETECTION DE KLEBSIELLA**
[72] BERGERON, MICHEL G., CA
[72] BOISSINOT, MAURICE, CA
[72] HULETSKY, ANN, CA
[72] MENARD, CHRISTIAN, CA
[72] OUELLETTE, MARC, CA
[72] PICARD, FRANCOIS J., CA
[72] ROY, PAUL H., CA
[73] GENEOHM SCIENCES CANADA INC., CA
[86] (2905326)
[87] (2905326)
[22] 2000-09-28
[62] 2,811,455
[30] CA (2,283,458) 1999-09-28
[30] CA (2,307,010) 2000-05-19

[11] **2,908,767**
[13] C
[51] **Int.Cl. C22B 23/00 (2006.01) B03C 1/30 (2006.01) B04C 9/00 (2006.01) C01G 49/06 (2006.01) C22B 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HEMATITE FOR IRONMAKING**
[54] **PROCEDE DE PRODUCTION D'HEMATITE POUR LA FABRICATION DE FER**
[72] OHARA, GO, JP
[72] SASAKI, HIDEKI, JP
[72] KAN, YASUMASA, JP
[72] IMAMURA, MASAKI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2015-10-14
[86] 2014-04-14 (PCT/JP2014/060612)
[87] (WO2014/175094)
[30] JP (2013-091814) 2013-04-24

[11] **2,910,864**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SEARCH QUERY INTERACTIONS ON ONLINE SOCIAL NETWORKS**
[54] **INTERACTIONS D'INTERROGATION DE RECHERCHE SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] RAINA, RAJAT, US
[72] HONG, KIHYUK, US
[72] SANKAR, SRIRAM, US
[72] VIROCHSIRI, KITTIPAT, US
[73] FACEBOOK, INC., US
[85] 2015-10-28
[86] 2014-04-30 (PCT/US2014/036105)
[87] (WO2014/179426)
[30] US (13/887,049) 2013-05-03

[11] **2,912,072**
[13] C
[51] **Int.Cl. B09B 3/00 (2006.01) B01D 46/00 (2006.01) B02C 19/00 (2006.01) C01F 11/18 (2006.01)**
[25] EN
[54] **REUSE OF PAINT-SATURATED ALKALINE EARTH METAL CARBONATES**
[54] **REUTILISATION DE CARBONATES DE METAUX ALCALINOTERREUX SATURES DE PEINTURE**
[72] SHAW, LANE GEORGE, US
[72] GENTILE, ANTHONY CRAIG, US
[73] HUBER CARBONATES, LLC, US
[85] 2015-11-09
[86] 2014-05-19 (PCT/US2014/038556)
[87] (WO2014/204603)
[30] US (13/923,521) 2013-06-21

[11] **2,913,668**
[13] C
[51] **Int.Cl. A41D 13/12 (2006.01) A41D 27/28 (2006.01)**
[25] EN
[54] **SPORTS GARMENT WITH VENTING CAPACITY**
[54] **VETEMENT DE SPORT DOTE D'UNE CAPACITE D'AERATION**
[72] BENEYTO-FERRE, JORDI, DE
[73] PUMA SE, DE
[85] 2015-11-26
[86] 2014-03-01 (PCT/EP2014/000533)
[87] (WO2015/131913)

[11] **2,914,770**
[13] C
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 31/145 (2006.01) A61P 3/00 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **DELAYED RELEASE CYSTEAMINE BEAD FORMULATION, AND METHODS OF MAKING AND USING SAME**
[54] **PREPARATION DE BILLES DE CYSTEAMINE A LIBERATION RETARDEE**
[72] POWELL, KATHLENE, US
[72] MUTTAVARAPU, RAMESH, US
[73] RAPTOR PHARMACEUTICALS INC., US
[85] 2015-12-07
[86] 2014-06-17 (PCT/US2014/042607)
[87] (WO2014/204881)
[30] US (61/835,965) 2013-06-17

[11] **2,915,084**
[13] C
[51] **Int.Cl. F02K 7/18 (2006.01)**
[25] EN
[54] **SELECTABLE MODE RAMJET/ROCKET JET ENGINE**
[54] **REACTEUR A STATOREACTEUR/FUSEE A MODE POUVANT ETRE SELECTIONNE**
[72] LAFOREST, LUC, CA
[72] RUPCICH, TIMOTHY STEPHEN, CA
[73] 8801541 CANADA INC., CA
[85] 2015-12-09
[86] 2014-06-10 (PCT/CA2014/050535)
[87] (WO2014/197982)
[30] US (61/833,208) 2013-06-10

[11] **2,915,691**
[13] C
[51] **Int.Cl. A01H 5/10 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C07K 19/00 (2006.01) C12N 15/09 (2006.01) C12N 15/29 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01)**
[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
[86] (2915691)
[87] (2915691)
[22] 2010-06-04
[62] 2,764,589
[30] JP (2009-135321) 2009-06-04

[11] **2,916,775**
[13] C
[51] **Int.Cl. A47J 37/06 (2006.01)**
[25] EN
[54] **ELECTRIC COOKER**
[54] **DISPOSITIF DE CUISSON ELECTRIQUE**
[72] OGAWA, TOMOYUKI, JP
[72] WADA, YASUO, JP
[73] SUNTEC CO., LTD., JP
[85] 2015-09-24
[86] 2014-05-27 (PCT/JP2014/063965)
[87] (WO2015/181885)

---

[11] **2,917,147**
[13] C
[51] **Int.Cl. H01S 5/183 (2006.01) H01S 5/187 (2006.01) H01S 5/343 (2006.01)**
[25] EN
[54] **WAVELENGTH-TUNABLE VERTICAL CAVITY SURFACE EMITTING LASER FOR SWEPT SOURCE OPTICAL COHERENCE TOMOGRAPHY SYSTEM**
[54] **LASER A CAVITE VERTICALE ET A EMISSION PAR LA SURFACE ACCORDABLE EN LONGUEUR D'ONDE POUR UN SYSTEME DE TOMOGRAPHIE PAR COHERENCE OPTIQUE A SOURCE BALAYEE**
[72] MAKINO, TOSHIHIKO, US
[72] LI, TONGNING, US
[72] EU, DAVID, US
[73] INPHENIX, INC., US
[85] 2015-12-30
[86] 2014-07-01 (PCT/US2014/045170)
[87] (WO2015/003023)
[30] US (61/842,389) 2013-07-03

---

[11] **2,917,585**
[13] C
[51] **Int.Cl. H04N 5/74 (2006.01) G02B 27/18 (2006.01) G02F 1/13 (2006.01) G03B 21/00 (2006.01) G03B 35/20 (2006.01)**
[25] EN
[54] **OPTIMIZING DRIVE SCHEMES FOR MULTIPLE PROJECTOR SYSTEMS**
[54] **OPTIMISATION DE SCHEMAS D'ACTIONNEMENT POUR SYSTEMES DE PROJECTEURS MULTIPLES**
[72] GREGSON, JAMES, CA
[72] BALLESTAD, ANDERS, CA
[72] DAMBERG, GERWIN, CA
[72] KOZAK, ERIC, CA
[72] KUMARAN, RAVEEN, CA
[72] MINOR, JOHANNES, CA
[72] ROSENFELD, GIL, CA
[73] MTT INNOVATION INCORPORATED, CA
[85] 2016-01-06
[86] 2015-05-15 (PCT/CA2015/000324)
[87] (WO2015/172236)
[30] US (61/994,002) 2014-05-15
[30] US (62/148,041) 2015-04-15

---

[11] **2,918,920**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **LEAFED-VALVE SUBASSEMBLY FOR A PERCUTANEOUSLY IMPLANTABLE PROSTHETIC HEART VALVE**
[54] **SOUS DISPOSITIF DE VALVULE A BATTANT DESTINE A UNE VALVULE CARDIAQUE PROSTHETIQUE IMPLANTABLE DE MANIERE SOUS-CUTANEE**
[72] SPENSER, BENJAMIN, IL
[72] BENICHU, NETANEL, IL
[72] BASH, ASSAF, IL
[72] ZAKAI, AVRAHAM, IL
[73] EDWARDS LIFESCIENCES PVT, INC., US
[86] (2918920)
[87] (2918920)
[22] 2002-10-11
[62] 2,847,212
[30] US (09/975,750) 2001-10-11

---

[11] **2,919,712**
[13] C
[51] **Int.Cl. G01W 1/17 (2006.01) B64D 15/20 (2006.01) G01N 25/66 (2006.01) G08B 19/02 (2006.01)**
[25] EN
[54] **ACTIVE FROST FORECASTING, DETECTION AND WARNING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE ACTIFS DE PREVISION, DE DETECTION ET D'ALERTE DE GEL**
[72] SKJOEDT, KLAUS, DK
[73] SUREWX INC., CA
[85] 2016-01-28
[86] 2014-07-29 (PCT/CA2014/050714)
[87] (WO2015/013822)
[30] US (61/859,453) 2013-07-29

---

[11] **2,932,414**
[13] C
[51] **Int.Cl. G01V 7/12 (2006.01)**
[25] EN
[54] **DOUBLE PENDULUM GRAVIMETER AND METHOD OF MEASURING GRAVITY USING THE SAME**
[54] **GRAVIMETRE A DOUBLE PENDULE ET METHODE DE MESURE DE LA GRAVITE A L'AIDE DUDIT GRAVIMETRE**
[72] NIEBAUER, TIMOTHY M., US
[73] MICRO-G LACOSTE, INC., US
[86] (2932414)
[87] (2932414)
[22] 2015-02-06
[62] 2,881,160
[30] US (14/182,091) 2014-02-17
[30] US (14/182,168) 2014-02-17

---

[11] **2,933,495**
[13] C
[51] **Int.Cl. F17D 5/00 (2006.01) G01K 1/14 (2006.01)**
[25] EN
[54] **NON-INTRUSIVE TEMPERATURE MEASUREMENT ASSEMBLY**
[54] **ENSEMBLE DE MESURE DE TEMPERATURE NON INTRUSIVE**
[72] CONVERSE, PAT DODSON, US
[73] ROSEMOUNT INC., US
[85] 2016-06-10
[86] 2014-11-25 (PCT/US2014/067243)
[87] (WO2015/099933)
[30] US (14/140,784) 2013-12-26

Canadian Applications Open to Public Inspection

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Demandes canadiennes mises à la disponibilité du public

11 septembre 2016 au 17 septembre 2016

---

[21] **2,882,023**
[13] A1
[51] **Int.Cl. A47G 9/02 (2006.01) B68G 3/08 (2006.01)**
[25] EN
[54] **DUVET COVER WITH DOWN FEATHER SHEET**
[54] **COUVRE COUETTE COMPORTANT UN DRAP DE DUVET**
[72] REUBEN, RONIE, CA
[71] REUBEN, RONIE, CA
[22] 2015-03-16
[41] 2016-09-16

---

[21] **2,882,517**
[13] A1
[51] **Int.Cl. G09B 1/08 (2006.01) G09B 15/02 (2006.01) G09B 15/08 (2006.01)**
[25] EN
[54] **LITTLE HANDS ON KEYS**
[54] **TOUCHES POUR PETITES MAINS**
[72] UNKNOWN, ZZ
[71] OAKLEY, LAURIE J., CA
[22] 2015-03-17
[41] 2016-09-17

---

[21] **2,884,497**
[13] A1
[51] **Int.Cl. B60G 11/27 (2006.01) B60G 11/28 (2006.01)**
[25] EN
[54] **AIR RIDE SUSPENSION ADAPTER ASSEMBLIES**
[54] **DISPOSITIFS D'ADAPTATION DE SUSPENSION PNEUMATIQUE**
[72] LEGROS, DERECK, CA
[72] LEGROS, PAUL, CA
[71] LBC CONTRACTING, LTD., CA
[22] 2015-03-11
[41] 2016-09-11

---

[21] **2,884,607**
[13] A1
[51] **Int.Cl. A61K 31/167 (2006.01) A61K 31/165 (2006.01) A61K 31/36 (2006.01) A61K 31/40 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/4192 (2006.01) A61K 31/421 (2006.01) A61K 31/423 (2006.01) A61K 31/44 (2006.01) A61K 31/4409 (2006.01) A61K 31/445 (2006.01) A61K 31/454 (2006.01) A61K 31/495 (2006.01) A61K 31/505 (2006.01) A61K 31/5375 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOSITIONS INCLUDING ACRYLAMIDO COMPOUNDS OR PHENYL-SUBSTIITUTED MALEIMIDE COMPOUNDS AND USES THEREOF TO TREAT AND PREVENT MITOCHONDRIAL DISEASES AND CONDITIONS**
[54] **COMPOSITIONS THERAPEUTIQUES RENFERMANT DES COMPOSES ACRYLAMIDO OU DES COMPOSES DE MALEIMIDE PHENYLE SUBSTITUES ET LEURS UTILISATIONS EN VUE DE TRAITER ET PREVENIR LES MALADIES ET TROUBLES MITOCHONDRIAUX**
[72] WILSON, D. TRAVIS, US
[71] STEALTH PEPTIDES INTERNATIONAL, INC., MC
[22] 2015-03-11
[41] 2016-09-11

---

[21] **2,884,668**
[13] A1
[51] **Int.Cl. G06T 19/00 (2011.01)**
[25] EN
[54] **ANATOMICALLY ISOLATED VIRTUAL 3D MODEL**
[54] **MODELE TRIDIMENSIONNEL VIRTUEL ISOLE ANATOMIQUEMENT**
[72] UNKNOWN, ZZ
[71] TORTOLO, CALVIN, CA
[22] 2015-03-13
[41] 2016-09-13

---

[21] **2,884,842**
[13] A1
[51] **Int.Cl. G10D 3/14 (2006.01)**
[25] EN
[54] **GUITAR STRING BENDER**
[54] **TENDEUR DE CORDE POUR GUITARE**
[72] CLARKE, TIMOTHY, CA
[71] CLARKE, TIMOTHY, CA
[22] 2015-03-11
[41] 2016-09-11

---

[21] **2,884,849**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/241 (2006.01) C09K 8/58 (2006.01)**
[25] EN
[54] **IN-SITU UPGRADING AND RECOVERY OF HYDROCARBONS**
[54] **VALORISATION ET RECUPERATION D'HYDROCARBURE SUR PLACE**
[72] BUNIO, GARY, CA
[72] GATES, IAN, CA
[71] SUNCOR ENERGY INC., CA
[22] 2015-03-11
[41] 2016-09-11

[21] **2,884,902**
[13] A1
[51] **Int.Cl. A61M 1/12 (2006.01)**
[25] EN
[54] **DELHEART**
[54] **DELHEART**
[72] DELAVARKHAN, MORTEZA, CA
[71] DELAVARKHAN, MORTEZA, CA
[22] 2015-03-12
[41] 2016-09-12

---

[21] **2,884,969**
[13] A1
[51] **Int.Cl. A47C 17/17 (2006.01) A47C 1/032 (2006.01) A47C 1/035 (2006.01) A47C 17/20 (2006.01) A61G 7/16 (2006.01)**
[25] EN
[54] **CONVERTIBLE CHAIR**
[54] **CHAISE CONVERTIBLE**
[72] CASSADAY, TERRY, CA
[71] CASSADAY, TERRY, CA
[22] 2015-03-13
[41] 2016-09-13

---

[21] **2,884,984**
[13] A1
[51] **Int.Cl. G05F 1/14 (2006.01)**
[25] EN
[54] **VOLTAGE REGULATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE REGULATION DE LA TENSION**
[72] PETERSEN, MARK, CA
[72] THOMSON, JONATHAN STEWART, CA
[71] LEGEND POWER SYSTEMS INC., CA
[22] 2015-03-13
[41] 2016-09-11
[30] US (14/644,655) 2015-03-11

---

[21] **2,884,988**
[13] A1
[51] **Int.Cl. F16L 27/12 (2006.01) F16L 19/00 (2006.01) F16L 25/10 (2006.01)**
[25] EN
[54] **PIPE COUPLING TOLERANT OF PIPE MOVEMENT**
[54] **RACCORD DE TUYAU TOLERANT LE MOUVEMENT DE TUYAU**
[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
[71] LUPKE, MANFRED A. A., CA
[71] LUPKE, STEFAN A., CA
[22] 2015-03-11
[41] 2016-09-11

---

[21] **2,884,994**
[13] A1
[51] **Int.Cl. A63H 11/00 (2006.01) A63H 29/22 (2006.01) A63H 33/00 (2006.01)**
[25] EN
[54] **TUMBLING TOY AND METHOD FOR TUMBLING A TOY**
[54] **JOUET CULBUTANT ET METHODE DE CULBUTAGE D'UN JOUET**
[72] CHAN, ALBERT WAI TAI, TW
[71] THINKING TECHNOLOGY INC., BS
[22] 2015-03-16
[41] 2016-09-16

---

[21] **2,885,008**
[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01) A47K 3/28 (2006.01) A61M 21/00 (2006.01) B05B 7/00 (2006.01) C02F 1/68 (2006.01)**
[25] EN
[54] **SHOWER STREAM INFUSER**
[54] **INFUSEUR DE JET DE DOUCHE**
[72] GILCHRIST, S. BRADY W., CA
[72] BASSILI, MARK S., CA
[71] GILCHRIST, S. BRADY W., CA
[71] BASSILI, MARK S., CA
[22] 2015-03-16
[41] 2016-09-16

---

[21] **2,885,012**
[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR DISRUPTING SNORE**
[54] **UNE METHODE ET UN SYSTEME DE PERTURBATION DU RONFLEMENT**
[72] HARIRI, ALIASGHAR A.H., CA
[71] HARIRI, SAHAR S.H., CA
[71] HARIRI, ALIASGHAR A.H., CA
[22] 2015-03-16
[41] 2016-09-16

---

[21] **2,885,015**
[13] A1
[51] **Int.Cl. E02F 3/40 (2006.01) E02F 3/60 (2006.01)**
[25] EN
[54] **TELESCOPIC EXPANDING BUCKET**
[54] **SEAU DEPLOYABLE DE MANIERE TELESCOPIQUE**
[72] MANCHESTER, ALLAN R., CA
[71] MANCHESTER, ALLAN R., CA
[22] 2015-03-16
[41] 2016-09-16

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[21] **2,885,016**
[13] A1
[51] **Int.Cl. A61L 15/40 (2006.01) A61F 13/00 (2006.01) A61K 9/70 (2006.01) A61K 36/00 (2006.01) A61L 15/30 (2006.01) A61L 15/44 (2006.01) A61L 15/58 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **GARMENT FABRIC**
[54] **TISSU A VETEMENT**
[72] GAO, JIE, GB
[71] GAO, JIE, GB
[22] 2015-03-12
[41] 2016-09-12

[21] **2,885,067**
[13] A1
[51] **Int.Cl. A63B 26/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING A FITNESS CHALLENGE**
[54] **SYSTEME ET METHODE DE CREATION D'UN DEFI DE MISE EN FORME**
[72] BITNER, CLAY, CA
[72] ZABOS, BRETT, CA
[72] PIERCE, KEVIN, CA
[72] OLSZANKI, KRYSTIAN, CA
[72] ENS, PAUL, CA
[71] BEAGLE PRODUCTIONS LTD., CA
[22] 2015-03-16
[41] 2016-09-16

[21] **2,885,113**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **PROCEDURE FLOW ADMINISTRATION SYSTEM AND METHOD**
[54] **SYSTEME D'ADMINISTRATION DE FLUX DE PROCEDURE ET METHODE**
[72] PHINNEY, ADRIAN, CA
[72] PETERSON, MICAH, CA
[71] GEMBA SOFTWARE SOLUTIONS INC., CA
[22] 2015-03-13
[41] 2016-09-13

[21] **2,885,165**
[13] A1
[51] **Int.Cl. C12Q 1/02 (2006.01) A01N 1/02 (2006.01) C12M 3/00 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **METHOD OF DRUG TESTING INCORPORATING THE USE OF VASCULARIZED TISSUES PERFUSED BY EXVIVO ATTACHMENT TO A LIVING ORGANISM**
[54] **METHODE DE TEST DE MEDICAMENT INCORPORANT L'UTILISATION DE TISSUS VASCULARISES PERFUSES PAR FIXATION EX VIVO A UN ORGANISME VIVANT**
[72] GILLIS, JOHN ARCHIE, CA
[71] GILLIS, JOHN ARCHIE, CA
[22] 2015-03-17
[41] 2016-09-17

[21] **2,885,480**
[13] A1
[51] **Int.Cl. E06B 9/52 (2006.01)**
[25] EN
[54] **CORNER FOR A SCREEN FRAME**
[54] **COIN POUR CADRE DE FILTRE**
[72] THERRIEN, GERARD, CA
[71] THERRIEN, GERARD, CA
[22] 2015-03-13
[41] 2016-09-13

[21] **2,885,482**
[13] A1
[51] **Int.Cl. A01K 39/01 (2006.01)**
[25] EN
[54] **SQUIRREL PROOF SUSPENDED BIRD FEEDER**
[54] **MANGOIRE D'OISEAUX SUSPENDUE A L'EPREUVE DES ECUREUILS**
[72] COTE, PAUL L., CA
[71] PLC PATENTS AND TRADEMARKS INC., CA
[22] 2015-03-13
[41] 2016-09-13

[21] **2,885,507**
[13] A1
[51] **Int.Cl. C02F 1/62 (2006.01) C02F 1/58 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING HEAVY METALS FROM WATER**
[54] **PROCEDE D'EXTRACTION DE METAUX LOURDS DE L'EAU**
[72] ZUBOT, WARREN, CA
[72] BUCHANAN, GAIL, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2015-03-12
[41] 2016-09-12

[21] **2,885,649**
[13] A1
[51] **Int.Cl. F17D 5/02 (2006.01)**
[25] EN
[54] **WIRELESS WEAR MONITORING FOR CONDUITS**
[54] **SURVEILLANCE SANS FIL D'USURE DE CONDUITS**
[72] MOON, SOON WON, CA
[72] JOHNSON, STEWART, CA
[72] OBAIA, KHALED, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2015-03-11
[41] 2016-09-11

[21] **2,886,153**
[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 23/00 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **HANDLER FOR BLOW OUT PREVENTER ASSEMBLY**
[54] **DISPOSITIF DE PRISE EN CHARGE D'UN DISPOSITIF DE BLOC OBTURATEUR DE PUITS**
[72] LU, MIKE XIAOLEI, US
[72] MCCULLOCH, DAVID W., US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2015-03-26
[41] 2016-09-13
[30] US (14/658,110) 2015-03-13

[21] **2,889,123**
[13] A1
[51] **Int.Cl. B65D 5/34 (2006.01)**
[25] EN
[54] **BOX WITH REINFORCEMENT RING**
[54] **BOITE DOTEE D'UN ANNEAU DE RENFORT**
[72] MADWAR, BILAL, CA
[72] MADWAR, BASHAR, CA
[71] MADOVAR PACKAGING, CA
[22] 2015-04-22
[41] 2016-09-13
[30] US (14/656,861) 2015-03-13

[21] **2,889,340**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01)**
[25] EN
[54] **PRACTICE HOCKEY GOALTENDERS**
[54] **GARDIENS DE BUT DE PRATIQUE DE HOCKEY**
[72] MCMAHON, JAMES F. JR., US
[71] MCMAHON, JAMES F. JR., US
[22] 2015-04-27
[41] 2016-09-16
[30] US (14/658,961) 2015-03-16

---

[21] **2,889,462**
[13] A1
[51] **Int.Cl. H04W 88/02 (2009.01) G06F 1/16 (2006.01)**
[25] EN
[54] **IMPACT-RESISTANT CELL PHONE**
[54] **TELEPHONE CELLULAIRE RESISTANT A L'IMPACT**
[72] ZHANG, XIUQIN, CN
[71] WEIYOU TECHNOLOGY CO., LIMITED, CN
[22] 2015-05-01
[41] 2016-09-11
[30] CN (201510107070.1) 2015-03-11

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[21] **2,892,873**
[13] A1
[51] **Int.Cl. A47G 9/02 (2006.01) A47C 21/02 (2006.01)**
[25] FR
[54] **FITTED SHEET FOR FUTON WITH A CROSSED ELASTIC UNDERNEATH TO HOLD IT IN PLACE**
[54] **DRAP CONTOUR POUR FUTON AVEC ELASTIQUE CROISE EN DESSOUS POUR TENIR EN PLACE**
[72] FIORITO, DOMINIQUE, CA
[71] FIORITO, DOMINIQUE, CA
[22] 2015-03-12
[41] 2016-09-12

---

[21] **2,893,119**
[13] A1
[51] **Int.Cl. F03D 1/04 (2006.01) F03D 1/06 (2006.01) F03D 3/04 (2006.01)**
[25] EN
[54] **IMPROVED WIND TURBINE SUITABLE FOR MOUNTING WITHOUT A WIND TURBINE TOWER**
[54] **EOLIENNE AMELIOREE CONVENANT A UNE INSTALLATION SANS TOUR D'EOLIENNE**
[72] O'HAGAN, PETER K., CA
[71] O'HAGAN, PETER K., CA
[22] 2015-03-16
[41] 2016-09-16

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[21] **2,894,842**
[13] A1
[51] **Int.Cl. F21V 21/34 (2006.01) F21S 8/02 (2006.01) F21V 21/04 (2006.01)**
[25] EN
[54] **RECESSED TRACK LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE ENFONCE SUR RAIL**
[72] SILVER, REMY, CA
[72] STARK, PATRICK ALAN, CA
[71] BETA-CALCO INC., CA
[22] 2015-06-18
[41] 2016-09-13
[30] US (14/657,484) 2015-03-13

---

[21] **2,902,693**
[13] A1
[51] **Int.Cl. E04D 1/12 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN**
[54] **SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX DUDIT SYSTEME**
[72] LEITCH, OLAN, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2015-09-02
[41] 2016-09-13
[30] US (14/656,902) 2015-03-13

---

[21] **2,902,694**
[13] A1
[51] **Int.Cl. E04D 1/12 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN**
[54] **SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX DUDIT SYSTEME**
[72] LEITCH, OLAN, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2015-09-02
[41] 2016-09-13
[30] US (14/656,886) 2015-03-13

---

[21] **2,903,397**
[13] A1
[51] **Int.Cl. B01D 27/08 (2006.01)**
[25] EN
[54] **FILTER DEVICE**
[54] **DISPOSITIF DE FILTRE**
[72] LIN, JACK, CN
[72] ZHOU, HAI PENG, CN
[72] LIN, HUI ZHOU, CN
[71] KEMFLO (NANJING) ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
[71] KEMFLO INTERNATIONAL CO., LTD., TW
[71] LIN, CHING SHIUNG, TW
[22] 2015-09-03
[41] 2016-09-12
[30] CN (201520141610.3) 2015-03-12

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[21] **2,903,535**
[13] A1
[51] **Int.Cl. B08B 13/00 (2006.01)**
[25] EN
[54] **LIQUID CONTAINMENT AND MEASUREMENT APPARATUS AND METHOD**
[54] **APPAREIL DE MESURE ET CONFINEMENT DE LIQUIDE ET METHODE**
[72] SOBLE, DAVID, US
[72] SOBLE, SCOTT, US
[72] GRACE, DEREK, US
[72] ASHINGER, BRIAN L., US
[71] DIAMOND SHINE, INC., US
[22] 2015-09-08
[41] 2016-09-12
[30] US (62/131,895) 2015-03-12
[30] US (14/792,001) 2015-07-06

[21] **2,903,639**
[13] A1
[51] **Int.Cl. B41J 2/14 (2006.01)**
[25] EN
[54] **INKJET RECORDING APPARATUS**
[54] **APPAREIL D'ENREGISTREMENT A JET D'ENCRE**
[72] IZAWA, HIDEO, JP
[72] YAMAZAKI, YUUICHI, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[22] 2015-09-08
[41] 2016-09-13
[30] JP (2015-051459) 2015-03-13

[21] **2,903,756**
[13] A1
[51] **Int.Cl. B41J 2/025 (2006.01) B41J 29/38 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING INKJET PRINTING APPARATUS**
[54] **METHODE DE CONTROLE D'UN APPAREIL D'IMPRESSION A JET D'ENCRE**
[72] IZAWA, HIDEO, JP
[72] KATAGIRI, YASUSHI, JP
[72] KOMATSUDA, SEIJI, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[22] 2015-09-09
[41] 2016-09-13
[30] JP (2015-51457) 2015-03-13

[21] **2,903,822**
[13] A1
[51] **Int.Cl. H05B 3/56 (2006.01)**
[25] EN
[54] **SKIN-EFFECT BASED HEATING CABLE, HEATING UNIT AND METHOD**
[54] **EFFET DE PEAU FONDE SUR UN CABLE CHAUFFANT, UN MODULE CHAUFFANT ET METHODE**
[72] STRUPINSKIY, MIKHAIL LEONIDOVICH, RU
[71] STRUPINSKIY, MIKHAIL LEONIDOVICH, RU
[22] 2015-09-10
[41] 2016-09-12
[30] RU (2015108671) 2015-03-12

[21] **2,904,705**
[13] A1
[51] **Int.Cl. E06B 7/16 (2006.01) E04B 1/64 (2006.01) E06B 1/34 (2006.01) E06B 1/62 (2006.01)**
[25] EN
[54] **WATERPROOFING MEMBER AND EXTERIOR WALL STRUCTURE**
[54] **ELEMENT D'ETANCHEISATION ET STRUCTURE DE MUR EXTERIEUR**
[72] SAWADA, YOHEI, JP
[71] NICHIHA CORPORATION, JP
[22] 2015-09-16
[41] 2016-09-12
[30] JP (JP2015-049037) 2015-03-12

[21] **2,904,712**
[13] A1
[51] **Int.Cl. B60R 19/18 (2006.01)**
[25] EN
[54] **VEHICLE BUMPER STRUCTURE**
[54] **STRUCTURE DE PARE-CHOCS DE VEHICULE**
[72] IKARUGI, HIROKAZU, JP
[72] OKI, TAKANORI, JP
[72] SAKAI, SHOGO, JP
[72] KOSUGI, YASUAKI, JP
[71] TOYOTA MOTOR EAST JAPAN, INC., JP
[71] TOYOTO JIDOSHA KABUSHIKI KAISHA, JP
[22] 2015-09-16
[41] 2016-09-16
[30] JP (2015-063504) 2015-03-25

[21] **2,904,733**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR USE IN OIL AND/OR GAS WELLS**
[54] **METHODES ET COMPOSITIONS DESTINEES AUX PUITS DE PETROLE ET DE GAZ**
[72] SABOOWALA, HASNAIN, US
[72] HILL, RANDAL M., US
[72] FURSDON-WELSH, ANGUS, US
[71] CESI CHEMICAL, INC., US
[22] 2015-09-17
[41] 2016-09-11
[30] US (14/644,351) 2015-03-11

[21] **2,910,860**
[13] A1
[51] **Int.Cl. C10G 50/00 (2006.01)**
[25] EN
[54] **CAVITATION HYDROCARBON REFINING**
[54] **RAFFINAGE D'HYDROCARBURE PAR CAVITATION**
[72] MOTHERSELE, CHRISTOPHER, CA
[71] MECHCRACKER CORPORATION, CA
[22] 2015-10-30
[41] 2016-09-13
[30] US (62/177,381) 2015-03-13

[21] **2,911,759**
[13] A1
[51] **Int.Cl. A61F 7/12 (2006.01) A61F 7/00 (2006.01)**
[25] EN
[54] **DEVICE FOR SPINAL CORD COOLING AND METHOD OF SPINAL CORD INJURY TREATMENT**
[54] **DISPOSITIF DE REFROIDISSEMENT DE LA MOELLE EPINIERE ET METHODE DE TRAITEMENT DE BLESSURE DE LA MOELLE EPINIERE**
[72] HANSEBOUT, ROBERT, CA
[71] HANSEBOUT, ROBERT, CA
[22] 2015-11-12
[41] 2016-09-13
[30] US (62/132,552) 2015-03-13

[21] **2,912,846**
[13] A1
[51] **Int.Cl. F16B 25/10 (2006.01) F16B 23/00 (2006.01) F16B 25/00 (2006.01)**
[25] EN
[54] **SCREW FOR AVOIDING CRACKS AND BURRS**
[54] **VIS SERVANT A EVITER LES FENTES ET LES BAVURES**
[72] LIN, CHAO-WEI, TW
[71] KWANTEX RESEARCH INC., TW
[22] 2015-11-23
[41] 2016-09-11
[30] TW (104107855) 2015-03-11

[21] **2,916,755**
[13] A1
[51] **Int.Cl. F16B 2/20 (2006.01) A47L 15/42 (2006.01) F16K 99/00 (2006.01) F16L 41/08 (2006.01) F16L 41/12 (2006.01)**
[25] EN
[54] **CLIP FOR SECURING VALVE TO APPLIANCE AND ASSOCIATED METHOD**
[54] **PINCE DE FIXATION D'UNE VALVE A UN APPAREIL ET METHODE ASSOCIEE**
[72] HITE, DAVID, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2016-01-06
[41] 2016-09-13
[30] US (14/656,748) 2015-03-13

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[21] **2,917,374**
[13] A1
[51] **Int.Cl. F25J 3/06 (2006.01) F25J 3/00 (2006.01)**
[25] EN
[54] **LIGHT GAS SEPARATION PROCESS AND SYSTEM**
[54] **PROCEDE DE SEPARATION DE GAZ LEGER ET SYSTEME**
[72] DRAY, MICHAEL J., US
[72] HOWARD, HENRY EDWARD, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2016-01-12
[41] 2016-09-12
[30] US (14/645677) 2015-03-12

---

[21] **2,917,849**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (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 15/00 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CE1211339**
[54] **CULTIVAR DE SOYA CE1211339**
[72] APONTE-RIVERA, JOSE, US
[72] THRELKELD, KEVIN, US
[72] MCBROOM, ROGER L. (DECEASED), US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2016-01-18
[41] 2016-09-11
[30] US (14/645,043) 2015-03-11

---

[21] **2,917,850**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR SJ1210678**
[54] **CULTIVAR DE SOYA SJ1210678**
[72] MCBROOM, ROGER L. (DECEASED), US
[72] THRELKELD, KEVIN, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2016-01-18
[41] 2016-09-16
[30] US (14/659,511) 2015-03-16

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[21] **2,917,852**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CE1214014**
[54] **CULTIVAR DE SOYA CE1214014**
[72] APONTE-RIVERA, JOSE, US
[72] THRELKELD, KEVIN, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2016-01-18
[41] 2016-09-11
[30] US (14/645,014) 2015-03-11

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[21] **2,917,854**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR OW1212626**
[54] **CULTIVAR DE SOYA OW1212626**
[72] LINDENBAUM, KURT MILAN, US
[72] MCBROOM, ROGER L. (DECEASED), US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2016-01-18
[41] 2016-09-11
[30] US (14/644,987) 2015-03-11

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[21] **2,917,896**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (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 15/00 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1112922**
[54] **CULTIVAR DE SOYA AR1112922**
[72] MCCLURE, DONALD B., CA
[72] LEE, DAVID S., CA
[72] GELIN, JEAN ROBERT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2016-01-18
[41] 2016-09-11
[30] US (14/644,530) 2015-03-11

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[21] **2,918,298**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (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 15/00 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CE1211109**
[54] **CULTIVAR DE SOYA CE1211109**
[72] APONTE-RIVERA, JOSE, US
[72] THRELKELD, KEVIN, US
[72] MCBROOM, ROGER L. (DECEASED), US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2016-01-20
[41] 2016-09-11
[30] US (14/645,027) 2015-03-11

[21] **2,918,727**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/064 (2006.01) A61B 17/072 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT, LOADING UNIT FOR USE THEREWITH AND RELATED METHODS**
[54] **INSTRUMENT CHIRURGICAL, MODULE DE CHARGEMENT ASSOCIE ET METHODES ASSOCIEES**
[72] YIGIT, NILGUN, US
[72] RACENET, DAVID, US
[72] ESTRELLA, RUSSELL, US
[72] HODGKINSON, GERALD, US
[71] COVIDIEN LP, US
[22] 2016-01-25
[41] 2016-09-17
[30] US (14/660,250) 2015-03-17

[21] **2,918,781**
[13] A1
[51] **Int.Cl. H04N 21/478 (2011.01) H04N 21/472 (2011.01) H04N 21/4784 (2011.01)**
[25] EN
[54] **REGULATING DIGITAL CONTENT TRANSMITTED OVER A NETWORK**
[54] **REGULATION DE CONTENU NUMERIQUE TRANSMIS SUR UN RESEAU**
[72] ANDERSON, GLEN J., US
[71] INTEL CORPORATION, US
[22] 2016-01-25
[41] 2016-09-17
[30] US (14/660,760) 2015-03-17

[21] **2,919,090**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01)**
[25] EN
[54] **SPORTS TRAINING AID**
[54] **ASSISTANT D'ENTRAINEMENT SPORTIF**
[72] WALKER, CAMERON DAVID, CA
[72] FONTANA, JUAN ANTONIO, CA
[71] WALKER, CAMERON DAVID, CA
[22] 2016-01-25
[41] 2016-09-13
[30] US (62/132,702) 2015-03-13

[21] **2,919,308**
[13] A1
[51] **Int.Cl. H05B 3/36 (2006.01) B32B 3/08 (2006.01) B32B 37/00 (2006.01) B32B 38/14 (2006.01) B41J 2/01 (2006.01) H05K 3/12 (2006.01) C09D 11/52 (2014.01)**
[25] EN
[54] **COMPOSITE PANEL WITH INTEGRATED HEATER AND ASSOCIATED METHODS FOR MANUFACTURING**
[54] **PANNEAU EN COMPOSITE DOTE D'UN APPAREIL DE CHAUFFAGE INTEGRE ET METHODES ASSOCIEES DE FABRICATION**
[72] DUCE, JEFFREY L., US
[72] MARSHALL, JOSEPH A., IV., US
[72] HOUSE, ASHLEY, US
[72] TURNER, JASON, US
[71] THE BOEING COMPANY, US
[22] 2016-01-27
[41] 2016-09-12
[30] US (14/656,220) 2015-03-12

[21] **2,919,595**
[13] A1
[51] **Int.Cl. B23D 31/00 (2006.01) F16C 7/00 (2006.01)**
[25] EN
[54] **CONNECTING-ROD FRACTURE SPLITTING APPARATUS**
[54] **APPAREIL DE SEPARATION DE FRACTURE A TIGE DE CONNEXION**
[72] HATAYAMA, TADATOMO, JP
[72] NAKAJIMA, TOMOHIRO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-02-01
[41] 2016-09-12
[30] JP (2015-049229) 2015-03-12

[21] **2,919,627**
[13] A1
[51] **Int.Cl. H01R 13/703 (2006.01) H01R 13/713 (2006.01) H02H 3/16 (2006.01)**
[25] EN
[54] **INTERLOCKING OUTLET AND ASSOCIATED METHOD**
[54] **SORTIE INTERBLOQUANTE ET METHODE ASSOCIEE**
[72] SEFF, PAUL DAVID, US
[72] DRUEKE, CHRISTOPHER EMMONS, US
[72] EASTON, JASON DEMETRIOS, US
[72] YOUNG, TYLER DEVON, US
[71] EATON CORPORATION, US
[22] 2016-02-01
[41] 2016-09-11
[30] US (14/644,427) 2015-03-11

[21] **2,919,628**
[13] A1
[51] **Int.Cl. H02H 3/16 (2006.01) H02H 3/02 (2006.01)**
[25] EN
[54] **GROUND FAULT MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE DEFAUT A LA TERRE**
[72] SEFF, PAUL DAVID, US
[72] DRUEKE, CHRISTOPHER EMMONS, US
[72] EASTON, JASON DEMETRIOS, US
[72] YOUNG, TYLER DEVON, US
[71] EATON CORPORATION, US
[22] 2016-02-01
[41] 2016-09-16
[30] US (14/658,800) 2015-03-16

[21] **2,920,236**
[13] A1
[51] **Int.Cl. G01D 21/02 (2006.01) F04B 49/06 (2006.01) F04D 15/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **EFFICIENT SIMULATION OF OILFIELD PRODUCTION SYSTEMS**
[54] **SIMULATION EFFICACE DE SYSTEMES DE PRODUCTION DE CHAMP PETROLIER**
[72] BONETI, CARLOS, US
[72] LESSARD, RODNEY, US
[72] SWAMINATHAN, DEEPA, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2016-02-09
[41] 2016-09-17
[30] US (14/660,003) 2015-03-17

[21] **2,921,605**
[13] A1
[51] **Int.Cl. A61B 10/04 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **LIGATION AND SPECIMEN RETRIEVAL DEVICE**
[54] **DISPOSITIF DE LIGATURE ET D'EXTRACTION DE PRELEVEMENT**
[72] SHANKARSETTY, JEEVAN M., US
[72] MUSHTAQUE, SYED AHMED, US
[71] COVIDIEN LP, US
[22] 2016-02-24
[41] 2016-09-12
[30] US (62/131,970) 2015-03-12
[30] US (15/047,972) 2016-02-19

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[21] **2,921,872**
[13] A1
[51] **Int.Cl. C02F 9/14 (2006.01)**
[25] EN
[54] **MULTI-STEP SYSTEM FOR TREATING SELENIUM-CONTAINING WASTEWATER**
[54] **SYSTEME MULTI ETAPE DESTINE AU TRAITEMENT D'EAUX USEES RENFERMANT DU SELENIUM**
[72] GOLDSTEIN, JAKE, CA
[72] LIU, MINGGANG, CA
[72] OWERDIECK, CARSTEN, CA
[72] FONSECA, NELSON, CA
[72] CITULSKI, JOEL ALEXANDER, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-02-25
[41] 2016-09-11
[30] US (62/131,614) 2015-03-11
[30] US (14/969,736) 2015-12-15

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[21] **2,921,875**
[13] A1
[51] **Int.Cl. C02F 3/34 (2006.01) C02F 3/00 (2006.01) C02F 3/28 (2006.01)**
[25] EN
[54] **DUAL MEDIA SYSTEM FOR TREATING WASTEWATER CONTAINING SELENIUM**
[54] **SYSTEME A DOUBLE MILIEU DESTINE AU TRAITEMENT DES EAUX USEES RENFERMANT DU SELENIUM**
[72] FONSECA, NELSON, CA
[72] CUMIN, JEFFREY RONALD, CA
[72] CITULSKI, JOEL ALEXANDER, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-02-25
[41] 2016-09-11
[30] US (62/131,590) 2015-03-11
[30] US (14/969,796) 2015-12-15

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[21] **2,921,879**
[13] A1
[51] **Int.Cl. F02C 7/22 (2006.01) F02C 7/24 (2006.01) F23R 3/28 (2006.01) F23R 3/38 (2006.01)**
[25] EN
[54] **FUEL NOZZLE FOR A GAS TURBINE ENGINE**
[54] **BUSE DE CARBURANT POUR UNE TURBINE A GAZ**
[72] PATEL, NAYAN VINODBHAI, US
[72] THOMSEN, DUANE DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-02-25
[41] 2016-09-12
[30] US (14/645,959) 2015-03-12

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[21] **2,921,931**
[13] A1
[51] **Int.Cl. G01M 15/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING THE HEALTH OF A THREE-WAY CATALYST**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE DE LA SANTE D'UN CATALYSEUR A TROIS VOIES**
[72] DEVARAKONDA, MARUTHI NARASINGA RAO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-02-25
[41] 2016-09-11
[30] US (14/644,399) 2015-03-11

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[21] **2,921,934**
[13] A1
[51] **Int.Cl. G01M 15/06 (2006.01) F02B 77/08 (2006.01) F02D 45/00 (2006.01) G01L 23/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO DISTINGUISH ENGINE KNOCK FROM PISTON SLAP**
[54] **SYSTEMES ET METHODES PERMETTANT DE DISTINGUER DES CLIQUETIS DE MOTEUR D~UN CLAQUEMENT DE PISTON**
[72] BIZUB, JEFFREY JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-02-25
[41] 2016-09-11
[30] US (14/644,526) 2015-03-11

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[21] **2,922,028**
[13] A1
[51] **Int.Cl. G05D 1/04 (2006.01) B64D 43/00 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING A VERTICAL TRAJECTORY OF AN AIRCRAFT**
[54] **METHODE ET SYSTEME DE DETERMINATION D'UNE TRAJECTOIRE VERTICALE D'UN AERONEF**
[72] BOULLE, ERIC, FR
[72] ROUE, JEAN-PHILIPPE, FR
[71] DASSAULT AVIATION, FR
[22] 2016-02-25
[41] 2016-09-16
[30] FR (15 00 517) 2015-03-16

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[21] **2,922,030**
[13] A1
[51] **Int.Cl. B05B 1/04 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **FLAT JET NOZZLE, AND USE OF A FLAT JET NOZZLE**
[54] **BUSE A JET PLAT ET UTILISATION D'UNE BUSE A JET PLAT**
[72] HUBER, TOBIAS, DE
[71] LECHLER GMBH, DE
[22] 2016-02-25
[41] 2016-09-16
[30] DE (10 2015 204 664.8) 2015-03-16

[21] **2,922,109**
[13] A1
[51] **Int.Cl. B25C 3/00 (2006.01) B25C 9/00 (2006.01)**
[25] EN
[54] **NAIL SET**
[54] **ENSEMBLE DE CLOUS**
[72] EVATT, THOMAS, US
[72] THACKERY, CLINTON C., US
[71] TECHTRONIC INDUSTRIES CO. LTD., CN
[22] 2016-02-29
[41] 2016-09-16
[30] US (14/658,662) 2015-03-16

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[21] **2,922,111**
[13] A1
[51] **Int.Cl. C02F 3/28 (2006.01) C02F 1/58 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **HYBRID REACTOR AND PROCESS FOR REMOVING SELENIUM**
[54] **REACTEUR HYBRIDE ET PROCEDE D'EXTRACTION DU SELENIUM**
[72] LIU, MINGGANG, CA
[72] CUMIN, JEFFREY RONALD, CA
[72] VICEVIC, GLENN, CA
[72] OWERDIECK, CARSTEN, CA
[72] FONSECA, NELSON, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-02-29
[41] 2016-09-11
[30] US (62/131,579) 2015-03-11
[30] US (14/969,713) 2015-12-15

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[21] **2,922,137**
[13] A1
[51] **Int.Cl. F16L 55/26 (2006.01)**
[25] EN
[54] **WIRELESS WEAR MONITORING FOR CONDUITS**
[54] **SURVEILLANCE SANS FIL D'USURE DE CONDUITS**
[72] MOON, SOON WON, CA
[72] JOHNSON, STEWART, CA
[72] OBAIA, KHALED, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2016-02-29
[41] 2016-09-11
[30] CA (2,885,649) 2015-03-11

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[21] **2,922,149**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/008 (2012.01) E21B 47/009 (2012.01) F04B 47/00 (2006.01)**
[25] EN
[54] **WELL PUMPING SYSTEM HAVING PUMP SPEED OPTIMIZATION**
[54] **SYSTEME DE POMPAGE DE PUITS OFFRANT L'OPTIMISATION DE LA VITESSE DE POMPAGE**
[72] ELMER, WILLIAM G., US
[71] ENCLINE ARTIFICIAL LIFT TECHNOLOGIES LLC, US
[22] 2016-02-29
[41] 2016-09-11
[30] US (62/131,451) 2015-03-11
[30] US (62/213,295) 2015-09-02
[30] US (15/053,163) 2016-02-25

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[21] **2,922,289**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR CONTROLLING A MULTI-CHANNEL SYSTEM IN A PETROLEUM WELL**
[54] **DISPOSITIFS ET METHODES DE CONTROLE D'UN SYSTEME MULTI CANAL DANS UN PUITS DE PETROLE**
[72] GANELIN, BORIS, US
[72] KENWORTHY, MICHAEL, US
[71] GANELIN, BORIS, US
[71] KENWORTHY, MICHAEL, US
[22] 2016-03-02
[41] 2016-09-13
[30] US (62/132,853) 2015-03-13
[30] US (14/714,309) 2015-05-17

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[21] **2,922,591**
[13] A1
[51] **Int.Cl. G01M 17/00 (2006.01) G01C 21/00 (2006.01)**
[25] FR
[54] **HELP SYSTEM FOR THE IMPLEMENTATION OF AIRCRAFT PROCEDURES INCLUDING A SEQUENCE OF OPERATIONS TO CARRIED OUT AND ASSOCIATED PROCESS**
[54] **SYSTEME D`ASSISTANCE POUR LA MISE EN OEUVRE DE PROCEDURES D`AERONEF COMPRENANT UN ENCHAINEMENT D`OPERATIONS A DEROULER, ET PROCEDE ASSOCIE**
[72] RAMIREZ, BRUNO, FR
[72] CONSTANT, GILLES, FR
[72] BRAMOULLE, GAETAN, FR
[71] DASSAULT AVIATION, FR
[22] 2016-03-03
[41] 2016-09-11
[30] FR (15 00 464) 2015-03-11

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[21] **2,922,594**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **ANNULAR SHAPED CLEAR LAYER IN COSMETIC CONTACT LENSES**
[54] **COUCHE TRANSPARENTE DE FORME ANNULAIRE DESTINEE AUX VERRES DE CONTACT COSMETIQUES**
[72] DUIS, DONNIE JEROME, US
[72] BOWERS, ANGIE LEEN, US
[72] OPPELT, ERIC JASON, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-03-04
[41] 2016-09-11
[30] US (14/644,511) 2015-03-11

[21] **2,922,785**
[13] A1
[51] **Int.Cl. H01B 13/008 (2006.01) H01B 7/38 (2006.01) H02G 1/12 (2006.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **CABLE PROCESSING MACHINE WITH IMPROVED PRECISION MECHANISM FOR CABLE PROCESSING**
[54] **MACHINE DE TRAITEMENT DE CABLE OFFRANT UN MECANISME DE PRECISION AMELIORE POUR LE TRAITEMENT DE CABLE**
[72] AYABAKAN, MUSTAFA, DE
[72] STIER, MARTIN, DE
[71] SCHLEUNIGER HOLDING AG, CH
[22] 2016-03-04
[41] 2016-09-12
[30] EP (15158890.2) 2015-03-12

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[21] **2,922,792**
[13] A1
[51] **Int.Cl. H01B 13/008 (2006.01) H01B 7/38 (2006.01) H02G 1/12 (2006.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **CABLE PROCESSING MACHINE MONITORING WITH IMPROVED PRECISION MECHANISM FOR CABLE PROCESSING**
[54] **SURVEILLANCE DE MACHINE DE TRAITEMENT DE CABLE OFFRANT UN MECANISME DE PRECISION AMELIORE POUR LE TRAITEMENT DE CABLE**
[72] AYABAKAN, MUSTAFA, DE
[72] STIER, MARTIN, DE
[71] SCHLEUNIGER HOLDING AG, CH
[22] 2016-03-04
[41] 2016-09-12
[30] EP (15158893.6) 2015-03-12

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[21] **2,922,836**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **CONTROL DEVICE OF ELECTRICAL APPARATUS AND ENERGY MANAGEMENT SYSTEM**
[54] **DISPOSITIF DE COMMANDE D'APPAREIL ELECTRIQUE ET SYSTEME DE GESTION DE L'ENERGIE**
[72] OONO, TOMOYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-03-07
[41] 2016-09-11
[30] JP (2015-048593) 2015-03-11

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[21] **2,922,863**
[13] A1
[51] **Int.Cl. H02J 3/16 (2006.01) H02J 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EDGE OF NETWORK VOLTAGE CONTROL OF A POWER GRID**
[54] **SYSTEMES ET METHODE DESTINES AU BORD D'UNE COMMANDE DE TENSION DE RESEAU D'UN RESEAU D'ALIMENTATION**
[72] DIVAN, DEEPAKRAJ M., US
[72] MOGHE, ROHIT, US
[72] PRASAI, ANISH, US
[72] DILLON, ANDREW, US
[71] VARENTEC, INC., US
[22] 2016-03-07
[41] 2016-09-16
[30] US (14/659,418) 2015-03-16

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[21] **2,923,020**
[13] A1
[51] **Int.Cl. F16F 15/10 (2006.01) B64C 27/00 (2006.01) F16F 15/14 (2006.01)**
[25] FR
[54] **ANTI-VIBRATION SUSPENSION SYSTEM FOR A SUPPORTING BAR FOR AN AIRCRAFT POWER TRANSMISSION BOX, ANTI-VIBRATION SUSPENSION DEVICE, AND AIRCRAFT**
[54] **SYSTEME DE SUSPENSION ANTIVIBRATOIRE D`UNE BARRE DE MAINTIEN D`UNE BOITE DE TRANSMISSION DE PUISSANCE AERONEF, DISPOSITIF DE SUSPENSION ANTIVIBRATOIRE, ET AERONEF**
[72] HOCQUETTE, JULIEN, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2016-03-03
[41] 2016-09-13
[30] FR (15 00485) 2015-03-13

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[21] **2,923,056**
[13] A1
[51] **Int.Cl. C02F 11/00 (2006.01) F04D 7/04 (2006.01)**
[25] EN
[54] **SLUDGE EXTRACTION APPARATUS AND METHOD**
[54] **APPAREIL D'EXTRACTION DE BOUE ET METHODE**
[72] DOWNEY, JASON, CA
[72] WILSON, BENJAMIN, CA
[71] NEWTERRA LTD., CA
[22] 2016-03-07
[41] 2016-09-15
[30] US (62/130,321) 2015-03-15

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[21] **2,923,079**
[13] A1
[51] **Int.Cl. C21D 9/08 (2006.01) C21D 1/64 (2006.01)**
[25] EN
[54] **QUENCHING TANK SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE RESERVOIR DE TREMPE ET METHODE D'UTILISATION**
[72] VALDEZ, MARTIN, AR
[72] FALCIGNO, MARCELO, AR
[72] TAGLIABUE, CHRISTIAN ALVAREZ, AR
[72] MITRE, JORGE, AR
[71] TENARIS COILED TUBES, LLC, US
[22] 2016-03-08
[41] 2016-09-17
[30] US (14/660,677) 2015-03-17

[21] **2,923,098**
[13] A1
[51] **Int.Cl. G08B 29/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTE SET-UP AND ADJUSTMENT OF PERIPHERALS**
[54] **SYSTEME ET METHODE D'INSTALLATION A DISTANCE ET D'AJUSTEMENT DE PERIPHERIQUES**
[72] PIEL, KEVIN G., US
[72] ESKILDSEN, KENNETH G., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-03-07
[41] 2016-09-16
[30] US (14/658,342) 2015-03-16

[21] **2,923,118**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ASSESSING AND MONITORING WORKER COMPETENCE**
[54] **METHODE ET SYSTEME D'EVALUATION ET DE SURVEILLANCE DE COMPETENCE DE TRAVAILLEUR**
[72] AVEN, TERRY, CA
[72] AVEN, SICILY, CA
[72] HUNTER, TRACY, CA
[71] AVENTUR ENERGY CORPORATION, CA
[22] 2016-03-08
[41] 2016-09-16
[30] US (62/133,681) 2015-03-16

[21] **2,923,199**
[13] A1
[51] **Int.Cl. F02C 7/22 (2006.01) F01D 15/10 (2006.01) F02C 7/232 (2006.01) F02C 7/236 (2006.01)**
[25] EN
[54] **RETURN FLOW POWERED TURBINE**
[54] **TURBINE ALIMENTEE PAR RETOUR DE FLUX**
[72] POOL, ANDREW J., US
[72] RUBEL, JOEL M., US
[72] PATZER, PERRY J., US
[72] HOLLANDER, STEPHEN E., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-03-08
[41] 2016-09-12
[30] US (62/131,963) 2015-03-12

[21] **2,923,209**
[13] A1
[51] **Int.Cl. C03C 11/00 (2006.01) C03C 4/00 (2006.01)**
[25] EN
[54] **FOAM GLASSY MATERIALS AND PROCESSES FOR PRODUCTION**
[54] **MATERIAUX VITREUX MOUSSANTS ET PROCEDE DE PRODUCTION**
[72] YOUSSEFI, ABBAS, CA
[72] YOUSSEFI, AMIR HOSSEIN, IR
[71] FOAMYNA CANADA INC., CA
[22] 2016-03-08
[41] 2016-09-13
[30] US (14/657,959) 2015-03-13

[21] **2,923,255**
[13] A1
[51] **Int.Cl. C08K 5/103 (2006.01) C08J 3/24 (2006.01) C08K 5/20 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **SORBIC ACID ESTER CONTAINING COATINGS COMPOSITION**
[54] **COMPOSITION DE REVETEMENTS RENFERMANT DE L'ESTER D'ACIDE SORBIQUE**
[72] ARTURO, STEVEN, US
[72] ARUMUGAM, SELVANATHAN, US
[72] ELL, JOHN, US
[72] EVEN, RALPH C., US
[72] ROWE, BRANDON, US
[72] SPARKS, JUSTIN, US
[72] YU, DECAI, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-03-07
[41] 2016-09-17
[30] US (62/134,051) 2015-03-17

[21] **2,923,260**
[13] A1
[51] **Int.Cl. G08B 13/00 (2006.01) H04W 4/02 (2009.01) H04W 12/06 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **METHOD OF PERFORMING SENSOR OPERATIONS BASED ON THEIR RELATIVE LOCATION WITH RESPECT TO A USER**
[54] **METHODE D'EXECUTION D'OPERATIONS DE CAPTEUR FONDEE SUR LEUR EMPLACEMENT RELATIF PAR RAPPORT A UN UTILISATEUR**
[72] JANARDHANAN, SHAIJU, US
[72] HEMANTH, PV, US
[72] RAGHUNATHAN, T., US
[72] KARTHIKA, GOPAL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-03-08
[41] 2016-09-12
[30] US (14/645,590) 2015-03-12

[21] **2,923,262**
[13] A1
[51] **Int.Cl. G08B 29/10 (2006.01) G08C 17/00 (2006.01) G08C 23/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF SELF-MONITORING NOTIFICATION APPLIANCES**
[54] **SYSTEME ET METHODE D'APPAREILS D'AVIS AUTO-SURVEILLES**
[72] BEREZOWSKI, ANDREW G., US
[72] JESSE, J. OTIS, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-03-08
[41] 2016-09-13
[30] US (14/657,223) 2015-03-13

[21] **2,923,263**
[13] A1
[51] **Int.Cl. G01S 19/20 (2010.01)**
[25] EN
[54] **SATELLITE SUBSET SELECTION FOR USE IN MONITORING THE INTEGRITY OF COMPUTED NAVIGATION SOLUTIONS**
[54] **SELECTION DE SOUS-ENSEMBLE DE SATELLITE DESTINE A LA SURVEILLANCE DE L~INTEGRITE DES SOLUTIONS DE NAVIGATION CALCULEES**
[72] SKALICKY, JAKUB, US
[72] OREJAS, MARTIN, US
[72] RAASAKKA, JUSSI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-03-08
[41] 2016-09-16
[30] US (14/658,372) 2015-03-16

[21] **2,923,265**
[13] A1
[51] **Int.Cl. G01M 15/10 (2006.01) F01N 9/00 (2006.01) F01N 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING THE HEALTH OF A MID-BED OXIDANT INJECTION SYSTEM**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE DE LA SANTE D'UN SYSTEME D'INJECTION D'OXYDANT A MI-LIT**
[72] DEVARAKONDA, MARUTHI NARASINGA RAO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-17
[30] US (14/660,135) 2015-03-17

[21] **2,923,266**
[13] A1
[51] **Int.Cl. B65G 23/06 (2006.01) B65G 15/64 (2006.01) B65G 39/071 (2006.01)**
[25] EN
[54] **CONVEYOR BELT POSITIVE DRIVE ROLLER**
[54] **ROULEAU D'ENTRAINEMENT POSITIF DE COURROIE DE TRANSPORT**
[72] SCHILTZ, GARY WAYNE, US
[72] SCHILTZ, BRIAN SCOTT, US
[71] PRECISION, INC., US
[22] 2016-03-10
[41] 2016-09-12
[30] US (14/645,607) 2015-03-12

[21] **2,923,274**
[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01)**
[25] EN
[54] **SUPERABSORBENT COMPOSITIONS FOR SOLIDIFYING INDUSTRIAL FLUID WASTES**
[54] **COMPOSITIONS SUPER ABSORBANTES DESTINEES A LA SOLIDIFICATION DE DECHETS INDUSTRIELS LIQUIDES**
[72] KENMORE, FERRON ERNEST, CA
[72] KENMORE, FERRON TYREL, CA
[71] INFIELD PRODUCTS INC., CA
[22] 2016-03-10
[41] 2016-09-16
[30] US (62/133,820) 2015-03-16
[30] US (62/171,310) 2015-06-05
[30] US (62/286,685) 2016-01-25

[21] **2,923,278**
[13] A1
[51] **Int.Cl. G01M 15/08 (2006.01) F02B 77/08 (2006.01) F02D 45/00 (2006.01) G01L 23/22 (2006.01)**
[25] EN
[54] **JOINT TIME-FREQUENCY AND WAVELET ANALYSIS OF KNOCK SENSOR SIGNAL**
[54] **ANALYSE CONJOINTE TEMPS-FREQUENCE ET ONDELETTE D'UN SIGNAL DE CAPTEUR DE COGNEMENT**
[72] BIZUB, JEFFREY JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-13
[30] US (14/657,817) 2015-03-13

[21] **2,923,279**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ENGINE COMPONENT**
[54] **COMPOSANTE DE MOTEUR**
[72] BUNKER, RONALD SCOTT, US
[72] BUCK, FREDERICK ALAN, US
[72] BRIGGS, ROBERT DAVID, US
[72] BRAINCH, GULCHARAN SINGH, US
[72] FELDMANN, KEVIN ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-17
[30] US (14/659,640) 2015-03-17

[21] **2,923,288**
[13] A1
[51] **Int.Cl. G01D 21/02 (2006.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RESIDENTIAL UTILITY MONITORING AND IMPROVEMENT OF ENERGY EFFICIENCY**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DE SERVICE PUBLIC RESIDENTIEL ET D~AMELIORATION DE L'EFFICACITE ENERGETIQUE**
[72] KAUFFMAN, DANIEL, US
[72] MORGAN, SEBASTIAN, US
[71] TERRACEL ENERGY LLC, US
[22] 2016-03-10
[41] 2016-09-12
[30] US (62/132,470) 2015-03-12

[21] **2,923,290**
[13] A1
[51] **Int.Cl. F03D 7/00 (2006.01) F03D 7/04 (2006.01)**
[25] EN
[54] **WIND TURBINE CONTROL USING SIGNAL CONTROLLER**
[54] **COMMANDE D'EOLIENNE AU MOYEN D'UN CONTROLEUR DE SIGNAL**
[72] CHACON, JOSEPH LAWRENCE, US
[72] GERBER, KRISTINA ANNE, US
[72] PENNINGTON, NOAH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-13
[30] US (14/656,763) 2015-03-13

[21] **2,923,292**
[13] A1
[51] **Int.Cl. F03D 80/00 (2016.01) F03D 7/02 (2006.01) F04D 29/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING FAN NOISE DURING NOISE REDUCED OPERATION OF A WIND TURBINE**
[54] **SYSTEME ET METHODE DE REDUCTION DU BRUIT D'UN VENTILATEUR PENDANT LE FONCTIONNEMENT A BRUIT REDUIT D'UNE EOLIENNE**
[72] PETERSEN, ANDREAS, DE
[72] HONHOFF, SASKIA GERARDA, DE
[72] KOSCHINSKY, MARKUS, DE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-12
[30] US (14/645,763) 2015-03-12

[21] **2,923,293**
[13] A1
[51] **Int.Cl. F28F 3/12 (2006.01) F28D 7/16 (2006.01) F28F 1/00 (2006.01)**
[25] EN
[54] **TUBE IN CROSS-FLOW CONDUIT HEAT EXCHANGER**
[54] **TUBE D'ECHANGEUR DE CHALEUR A CONDUIT A COURANTS CROISES**
[72] KUPISZEWSKI, THOMAS, US
[72] RAMBO, JEFFREY DOUGLAS, US
[72] BONAR, JAMES F., US
[72] WOLFE, JARED, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-13
[30] US (14/656,789) 2015-03-13

[21] **2,923,294**
[13] A1
[51] **Int.Cl. F03D 7/04 (2006.01) F03D 9/25 (2016.01) F03D 17/00 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VARIABLE TIP-SPEED-RATIO CONTROL OF A WIND TURBINE**
[54] **SYSTEME ET METHODE DE COMMANDE DU RAPPORT POINTE-VITESSE VARIABLE D~UNE EOLIENNE**
[72] MOVSICHOFF, BERNARDO ADRIAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-13
[30] US (14/656,870) 2015-03-13

[21] **2,923,297**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR COOLING A TURBINE SHROUD**
[54] **SYSTEME DE REFROIDISSEMENT D'UNE ENVELOPPE DE TURBINE**
[72] SHAPIRO, JASON DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-16
[30] US (14/658,313) 2015-03-16

[21] **2,923,334**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **PROVIDING MOBILE LOYALTY SERVICES VIA A NATIVE MOBILE APPLICATION**
[54] **OFFRE DE SERVICES DE FIDELITE MOBILE AU MOYEN D'UNE APPLICATION MOBILE NATIVE**
[72] WALZ, JAMES, US
[72] NACK, DAVID, US
[72] PIATT, RANDALL, US
[72] KOLTNOW, ADAM, US
[71] COMENITY LLC, US
[22] 2016-03-08
[41] 2016-09-11
[30] US (61/131691) 2015-03-11
[30] US (14/841483) 2015-08-31
[30] US (14/841509) 2015-08-31
[30] US (14/841535) 2015-08-31
[30] US (14/841563) 2015-08-31
[30] US (14/841574) 2015-08-31

[21] **2,923,365**
[13] A1
[51] **Int.Cl. A47G 9/10 (2006.01) A47C 20/02 (2006.01)**
[25] EN
[54] **SUPPORT CUSHIONS INCLUDING A MIXED FILLING**
[54] **COUSSINS D'APPUI RENFERMANT UN REMBOURRAGE MIXTE**
[72] DANIELSON, MELISSA RAE, US
[71] TEMPUR-PEDIC MANAGEMENT, LLC, US
[22] 2016-03-09
[41] 2016-09-11
[30] US (14/644,277) 2015-03-11

[21] **2,923,368**
[13] A1
[51] **Int.Cl. F02B 77/00 (2006.01) F02F 7/00 (2006.01) F02M 35/16 (2006.01)**
[25] EN
[54] **FLATHEAD ENGINE SHROUD FOR A SMALL BLOCK ENGINE**
[54] **ENVELOPPE DE MOTEUR A TETE PLATE DESTINEE A UN PETIT BLOC MOTEUR**
[72] WEBB, CHRIS, CA
[71] WEBB MOTOR WORKS LTD., CA
[22] 2016-03-03
[41] 2016-09-12
[30] US (62/195,816) 2015-07-23

[21] **2,923,405**
[13] A1
[51] **Int.Cl. B64D 31/06 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **OVERTHRUST PROTECTION SYSTEM AND METHOD**
[54] **MECANISME ET METHODE DE PROTECTION CONTRE LE CHARRIAGE**
[72] FIEDLER, JANUSZ, CA
[72] PEKOVIC, TATJANA, CA
[72] SELLORS, DAVE, CA
[72] CHAHAL, AMANDEEP SINGH, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-03-09
[41] 2016-09-11
[30] US (14/644,796) 2015-03-11

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[21] **2,923,465**
[13] A1
[51] **Int.Cl. F24F 3/16 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **COLLAPSIBLE AIR FILTER**
[54] **FILTRE A AIR PLIABLE**
[72] ZHANG, ZHIQUN, US
[72] SCHOLZ, MATTHEW THOMAS, US
[72] FOX, ANDREW ROBERT, US
[72] PORTELLI, GENE BARRY, US
[72] ECHEVERRI, NICOLAS ANTONIO, US
[72] SANOCKI, STEPHEN MARK, US
[72] DAUPHINAIS, AMANDA BETH, US
[72] SESHADRI, KANNAN, US
[72] MARTINEZ, LEONARD MICHAEL, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[22] 2016-03-10
[41] 2016-09-12
[30] US (62/131,917) 2015-03-12

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[21] **2,923,468**
[13] A1
[51] **Int.Cl. B23P 11/00 (2006.01) B23P 15/00 (2006.01)**
[25] EN
[54] **STRENGTHENING METHOD FOR FILLET PART OF CRANKSHAFT AND STENGTHENING DEVICE THEREFOR**
[54] **PROCEDE DE RENFORCEMENT DE LA PARTIE FILETEE D'UN VILEBREQUIN ET DISPOSITIF DE RENFORCEMENT ASSOCIE**
[72] TANAKA, TOSHIYUKI, JP
[72] MIURA, DAISUKE, JP
[72] YOSHIMURA, TAKURO, JP
[72] TAKEUCHI, YUTAKA, JP
[72] KOSHINO, DAISUKE, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-03-10
[41] 2016-09-12
[30] JP (2015-049375) 2015-03-12

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[21] **2,923,472**
[13] A1
[51] **Int.Cl. E21B 19/24 (2006.01)**
[25] EN
[54] **BLADE STABILISER TOOL FOR DRILL STRING**
[54] **OUTIL STABILISATEUR DE LAME DESTINE A UN TRAIN DE TIGES DE FORAGE**
[72] NEWMAN, MICHAEL THOMAS, NL
[72] KOK, RICARDO, NL
[71] EUROPEAN DRILLING PROJECTS B.V., NL
[22] 2016-03-10
[41] 2016-09-13
[30] EP (15159006.4) 2015-03-13

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[21] **2,923,475**
[13] A1
[51] **Int.Cl. H02J 4/00 (2006.01) H02J 1/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRICAL POWER UNIT**
[54] **MODULE D'ALIMENTATION ELECTRIQUE PORTABLE**
[72] BYRNE, NORMAN R., US
[72] PETERSEN, THOMAS A., US
[72] GIVAUDAN, JORGE A., MX
[72] WIRGAU, ELIZABETH A., US
[71] BYRNE, NORMAN R., US
[22] 2016-03-10
[41] 2016-09-11
[30] US (62/131501) 2015-03-11
[30] US (62/159848) 2015-05-11

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[21] **2,923,477**
[13] A1
[51] **Int.Cl. C02F 3/00 (2006.01) B01J 8/02 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **BACKWASH METHOD FOR BIOLOGICAL REACTORS**
[54] **METHODE DE RETROLAVAGE DE REACTEURS BIOLOGIQUES**
[72] LIU, MINGGANG, CA
[72] GOLDSTEIN, JAKE, CA
[72] OWERDIECK, CARSTEN, CA
[72] FONSECA, NELSON, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-10
[41] 2016-09-11
[30] US (62/131,328) 2015-03-11
[30] US (14/969,696) 2015-12-15

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[21] **2,923,546**
[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01)**
[25] EN
[54] **INJECTION MOLDING APPARATUS, METHOD, AND SYSTEM**
[54] **APPAREIL DE MOULE D'INJECTION, METHODE ET SYSTEME**
[72] JEBELY, CYRUS, CA
[72] VASSILEV, VASKO D., CA
[71] CAP-THIN MOLDS INC., CA
[22] 2016-03-11
[41] 2016-09-12
[30] US (62/132,312) 2015-03-12

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[21] **2,923,567**
[13] A1
[51] **Int.Cl. B22F 3/16 (2006.01) C04B 35/64 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A COMPONENT FROM A GREEN PART**
[54] **METHODE DE FORMAGE D'UNE COMPOSANTE A PARTIR D'UNE PIECE A L'ETAT VERT**
[72] SCALZO, ORLANDO, CA
[72] CAMPOMANES, MARC, CA
[72] POITRAS, GUILLAUME, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-03-10
[41] 2016-09-12
[30] US (14/656,342) 2015-03-12

[21] **2,923,571**
[13] A1
[51] **Int.Cl. F02C 9/18 (2006.01) F01D 17/08 (2006.01)**
[25] EN
[54] **SECONDARY AIR SYSTEM WITH VENTURI**
[54] **DISPOSITIF D'AIR D'APPOINT DOTE DE TUBE D'ASPIRATION**
[72] HUPPE, ROGER, CA
[72] LEGARE, PIERRE-YVES, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-03-10
[41] 2016-09-11
[30] US (14/644,503) 2015-03-11

[21] **2,923,575**
[13] A1
[51] **Int.Cl. E04C 2/26 (2006.01) B27N 3/04 (2006.01)**
[25] EN
[54] **BINDER COMPOSITIONS CONTAINING SOY FLOUR**
[54] **COMPOSITIONS LIANTES RENFERMANT DE LA FARINE DE SOYA**
[72] VIA, BRIAN, US
[72] HAND, WILLIAM G., US
[72] BANERJEE, SUJIT, US
[71] AUBURN UNIVERSITY, US
[22] 2016-03-11
[41] 2016-09-12
[30] US (62/132299) 2015-03-12
[30] US (62/278537) 2016-01-14

[21] **2,923,597**
[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/524 (2006.01) E21B 43/25 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD FOR CHEMICALLY CONTROLLING DELAY TIME FOR BREAKING POLYMERS**
[54] **METHODE DE CONTROLE CHIMIQUE DE DELAI DE RUPTURE DE POLYMERES**
[72] OKUNOLA, AYODELE, CA
[72] FRIESEN, DAWN, CA
[72] LAWRENCE, SALLY, CA
[71] SANJEL CANADA LTD., CA
[22] 2016-03-11
[41] 2016-09-13
[30] US (62/133,065) 2015-03-13

[21] **2,923,600**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 30/02 (2012.01) G06N 3/02 (2006.01)**
[25] EN
[54] **REVIEW SENTIMENT ANALYSIS**
[54] **ANALYSE DE SENTIMENT D'EXAMEN**
[72] PAN, JING, US
[72] KUMARA, KARTHIK, US
[71] STAPLES, INC., US
[22] 2016-03-11
[41] 2016-09-12
[30] US (62/132,154) 2015-03-12

[21] **2,923,603**
[13] A1
[51] **Int.Cl. H02J 1/00 (2006.01) F02N 11/12 (2006.01) H02H 3/18 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **JUMP STARTER**
[54] **BLOC D'ALIMENTATION POUR DEMARRAGE DE SECOURS**
[72] KOKOT, RALPH, US
[72] JUSTICE, KAI, US
[72] FIRNHABER, MARK, US
[72] GRAUN, JOHN, US
[72] MORTON, JAMES, US
[71] VANAIR MANUFACTURING, INC., US
[22] 2016-03-11
[41] 2016-09-13
[30] US (62/133,124) 2015-03-13

[21] **2,923,612**
[13] A1
[51] **Int.Cl. H01Q 1/32 (2006.01) H01Q 1/48 (2006.01)**
[25] EN
[54] **CONDUCTIVE GASKET ASSEMBLY FOR A CORRUGATED ROOF OF A TRAIN CAR**
[54] **DISPOSITIF DE JOINT CONDUCTEUR DESTINE A UN TOIT ONDULE D'UN WAGON**
[72] PANFIL, MATT, US
[72] BOOMER, KENT, US
[71] CORRSOLVE CORROSION SOLUTIONS, LLC, US
[22] 2016-03-10
[41] 2016-09-11
[30] US (62/131,508) 2015-03-11
[30] US (62/144,619) 2015-04-08

[21] **2,923,618**
[13] A1
[51] **Int.Cl. B26B 21/52 (2006.01)**
[25] EN
[54] **RAZOR ASSEMBLY**
[54] **ENSEMBLE DE RASOIR**
[72] VANDERVELDE, TERRA, CA
[72] DUROCHER, AMY, CA
[71] VANDERVELDE, TERRA, CA
[71] DUROCHER, AMY, CA
[22] 2016-03-14
[41] 2016-09-13
[30] US (14657368) 2015-03-13

[21] **2,923,621**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01)**
[25] EN
[54] **TONNEAU TRUNK**
[54] **COFFRE TONNEAU**
[72] SINGER, NICHOLAS J., US
[71] SINGER, NICHOLAS J., US
[22] 2016-03-11
[41] 2016-09-12
[30] US (14/656,476) 2015-03-12
[30] US (15/046,203) 2016-02-17

[21] **2,923,638**
[13] A1
[51] **Int.Cl. B65H 35/02 (2006.01)**
[25] EN
[54] **WEB SLITTER WITH FLEXIBLE WALL BLADE MOUNTING**
[54] **FENDEUSE DE TISSU DOTEE D'UN DISPOSITIF D'INSTALLATION DE LAME FLEXIBLE**
[72] FITZPATRICK, DONALD, US
[71] GL&V LUXEMBOURG S.A.R.L., LU
[22] 2016-03-11
[41] 2016-09-11
[30] US (14/645,051) 2015-03-11

[21] **2,923,640**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) B32B 3/26 (2006.01) B32B 27/18 (2006.01) B32B 38/00 (2006.01)**
[25] EN
[54] **TEAR RESISTANT MONO-AXIALLY ORIENTED PROPYLENE-BASED FILM**
[54] **PELLICULE A BASE DE PROPYLENE ORIENTEE MONO-AXIALEMENT RESISTANT A LA DECHIRURE**
[72] BROWN, MATTHEW H., US
[72] KOEHN, HAROLD EGON, US
[71] TORAY PLASTICS (AMERICA), INC., US
[22] 2016-03-11
[41] 2016-09-13
[30] US (62/133,069) 2015-03-13

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[21] **2,923,642**
[13] A1
[51] **Int.Cl. B66F 9/08 (2006.01) B66F 9/12 (2006.01)**
[25] EN
[54] **LOADING DEVICE OF FORKLIFT TRUCK**
[54] **DISPOSITIF DE CHARGEMENT DESTINE A UN CHARIOT ELEVATEUR A FOURCHE**
[72] SAKATANI, ISAMU, JP
[72] MARUYAMA, TAKASHI, JP
[72] ISHIDA, DAIKI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2016-03-11
[41] 2016-09-17
[30] JP (2015-053686) 2015-03-17

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[21] **2,923,644**
[13] A1
[51] **Int.Cl. C04B 7/47 (2006.01) C04B 7/48 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A LOW-CARBON CLINKER**
[54] **METHODE DE PRODUCTION DE MACHEFER A FAIBLE TENEUR EN CARBONE**
[72] JESUS DE SEQUEIRA SERRA NUNES, ANGELA MARIA, PT
[72] CORREIA SALVA, JOAO MANUEL, PT
[71] SECIL-COMPANHIA GERAL DE CAL E CIMENTO, S.A., PT
[22] 2016-03-11
[41] 2016-09-17
[30] PT (108290) 2015-03-17

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[21] **2,923,653**
[13] A1
[51] **Int.Cl. E05D 7/04 (2006.01)**
[25] EN
[54] **HINGE ARRANGEMENT WITH SAG COMPENSATION**
[54] **DISPOSITION DE CHARNIERE A COMPENSATION D'AFFAISSEMENT**
[72] WILL, GARY E., US
[72] MALOTT, DALE G., US
[72] SANDOVAL, BENJAMIN M., US
[71] THE HILLMAN GROUP, INC., US
[22] 2016-03-14
[41] 2016-09-17
[30] US (62/134,230) 2015-03-17

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[21] **2,923,662**
[13] A1
[51] **Int.Cl. G05D 7/06 (2006.01) E21B 34/06 (2006.01) E21B 34/12 (2006.01) E21B 43/12 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **ELECTRICALLY ACTUATED DOWNHOLE FLOW CONTROL APPARATUS**
[54] **APPAREIL DE REGULATION DU DEBIT EN FOND DE TROU ACTIONNE ELECTRIQUEMENT**
[72] RAVENSBERGEN, JOHN, CA
[72] GETZLAF, DON, CA
[72] GILLIS, BROCK, CA
[71] NCS MULTISTAGE INC., CA
[22] 2016-03-14
[41] 2016-09-12
[30] US (62/132,241) 2015-03-12

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[21] **2,923,699**
[13] A1
[51] **Int.Cl. B64C 25/42 (2006.01) B64C 25/44 (2006.01)**
[25] EN
[54] **BRAKE ROD ASSEMBLY**
[54] **DISPOSITIF DE TIGE DE FREIN**
[72] SEXTON, MATTHEW, GB
[72] SCHMIDT, ROBERT KYLE, GB
[72] HALFORD, THOMAS, GB
[71] MESSIER-DOWTY LIMITED, GB
[22] 2016-03-11
[41] 2016-09-12
[30] EP (15158827.4) 2015-03-12

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[21] **2,923,702**
[13] A1
[51] **Int.Cl. A45C 11/00 (2006.01)**
[25] EN
[54] **REVERSIBLE CASE FOR AN ELECTRONIC DEVICE**
[54] **BOITIER REVERSIBLE DESTINE A UN APPAREIL ELECTRONIQUE**
[72] SIRICHAI, SARAHUT, TH
[71] WORLD RICHMAN MANUFACTURING CORPORATION, US
[22] 2016-03-15
[41] 2016-09-17
[30] US (14/659,852) 2015-03-17

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[21] **2,923,710**
[13] A1
[51] **Int.Cl. G01S 15/58 (2006.01) G01S 15/60 (2006.01)**
[25] EN
[54] **UNDERWATER NAVIGATION SYSTEM**
[54] **SYSTEME DE NAVIGATION SOUS-MARINE**
[72] DILLON, JEREMY, CA
[72] SHEA, DAVID, CA
[72] KENNY, KARL, CA
[71] KRAKEN SONAR SYSTEMS INC., CA
[22] 2016-03-14
[41] 2016-09-13
[30] US (62/132898) 2015-03-13

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[21] **2,923,711**
[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01)**
[25] EN
[54] **FLEX DUCT CONNECTION SYSTEM**
[54] **SYSTEME DE RACCORD DE CONDUIT FLEXIBLE**
[72] SMITH, MARK HOWARD, US
[72] HETTLER, NEIL ROBERT, US
[72] KEELEY, KATRINA, US
[72] QI, WEIGANG, US
[72] WOLF, DAVID H., US
[72] BERDAN, CLARKE, II, US
[72] TYLER, FRANK SIDNEY, US
[72] RINNE, JAMES, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2016-03-14
[41] 2016-09-13
[30] US (62/132,628) 2015-03-13
[30] US (62/168,979) 2015-06-01

[21] **2,923,716**
[13] A1
[51] **Int.Cl. F02F 3/12 (2006.01) C25D 11/02 (2006.01) F02B 77/11 (2006.01) F02F 1/00 (2006.01)**
[25] EN
[54] **PISTON FOR INTERNAL COMBUSTION ENGINE, INTERNAL COMBUSTION ENGINE INCLUDING THIS PISTON, AND MANUFACTURING METHOD OF THIS PISTON**
[54] **PISTON DESTINE A UN MOTEUR A COMBUSTION INTERNE, MOTEUR A COMBUSTION INTERNE COMPORTANT CE PISTON ET METHODE DE FABRICATION DE CE PISTON**
[72] YAMASHITA, HIDEO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-03-15
[41] 2016-09-17
[30] JP (2015-053712) 2015-03-17
[30] JP (2015-117692) 2015-06-10

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[21] **2,923,819**
[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **CONTINUOUS WELL STRING INJECTOR USING MULTI-PISTON CYLINDER BLOCKS FOR APPLICATION OF SKATE PRESSURE**
[54] **INJECTEUR DE TRAIN DE TUBES DE PUITS CONTINU EMPLOYANT DES BLOCS CYLINDRES MULTI-PISTON POUR APPLIQUER LA PRESSION SUR LE SABOT**
[72] GUBBINS, MARTIN E.C., CA
[72] LARSEN, SVEN W., CA
[71] CELTIC MACHINING LTD., CA
[22] 2016-03-11
[41] 2016-09-11
[30] US (62/131,299) 2015-03-11

---

[21] **2,923,823**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MATCHING PROFILE RECORDS**
[54] **METHODES ET SYSTEME DE CONCORDANCE DES DOSSIERS DE PROFIL**
[72] CHOW, SAM, CA
[72] KOSC, MAX, CA
[71] CONCH&MEDIA LTD., CA
[22] 2016-03-15
[41] 2016-09-17
[30] US (62/134,101) 2015-03-17

---

[21] **2,923,825**
[13] A1
[51] **Int.Cl. E04G 23/02 (2006.01) E04F 21/00 (2006.01)**
[25] EN
[54] **DRYWALL REPAIR KIT AND METHOD**
[54] **NECESSAIRE DE REPARATION DE CLOISON SECHE ET METHODE**
[72] DAVIDIAN, RICHARD M., US
[72] SPRATTE, LAUREN, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2016-03-15
[41] 2016-09-16
[30] US (62/133,795) 2015-03-16
[30] US (62/256,379) 2015-11-17

---

[21] **2,923,828**
[13] A1
[51] **Int.Cl. H04W 12/12 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING MALICIOUS ATTACKS IN A TELECOMMUNICATION NETWORK**
[54] **SYSTEME ET METHODE DE DETECTION D'ATTAQUES MALICIEUSES DANS UN RESEAU DE TELECOMMUNICATION**
[72] MOLINA, CARLOS, US
[72] DANDA, RAVI, US
[72] BHATTACHARYYA, DIPANKAR, US
[71] MITEL MOBILITY INC., US
[22] 2016-03-15
[41] 2016-09-16
[30] US (14/658324) 2015-03-16

---

[21] **2,923,834**
[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF VACCINES AND ADJUVANTS AND METHODS FOR THE TREATMENT OF URINARY TRACT INFECTIONS**
[54] **COMPOSITIONS DE VACCINS ET D'ADJUVANTS ET METHODES DE TRAITEMENT D'INFECTIONS DES VOIES URINAIRES**
[72] ELDRIDGE, GARY, US
[72] MARTIN, STEVEN, US
[71] SEQUOIA SCIENCES, INC., US
[22] 2016-03-15
[41] 2016-09-17
[30] US (14/660,523) 2015-03-17
[30] US (62/135,092) 2015-03-18

---

[21] **2,923,867**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **HAPTIC RENDERING FOR A FLEXIBLE COMPUTING DEVICE**
[54] **RENDU HAPTIQUE DESTINE A UN APPAREIL INFORMATIQUE FLEXIBLE**
[72] VERTEGAAL, ROEL, CA
[71] VERTEGAAL, ROEL, CA
[22] 2016-03-16
[41] 2016-09-17
[30] US (62/134,268) 2015-03-17
[30] US (62/294,357) 2016-02-12

---

[21] **2,923,877**
[13] A1
[51] **Int.Cl. B28B 7/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE PRODUCTION OF MOLDED CONCRETE PARTS**
[54] **APPAREIL DE PRODUCTION DE PIECES DE BETON MOULEES**
[72] STICHEL, HOLGER, DE
[72] BRAUNGARDT, JURGEN, DE
[71] KOBRA FORMEN GMBH, DE
[22] 2016-03-15
[41] 2016-09-16
[30] DE (10 2015 103 828.5) 2015-03-16

[21] **2,923,878**
[13] A1
[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/07 (2013.01) A61M 25/00 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE ASSEMBLY WITH CONSTRICTION MECHANISM**
[54] **ENSEMBLE DE DISPOSITIF MEDICAL DOTE D'UN MECANISME DE CONSTRICTION**
[72] RASMUSSEN, ERIK E., DK
[72] OEHLENSCHLAEGER, BENT, DK
[72] PETERSEN, ANNETTE, DK
[71] COOK MEDICAL TECHNOLOGIES LLC, US
[22] 2016-03-16
[41] 2016-09-16
[30] GB (1504414.2) 2015-03-16

---

[21] **2,923,897**
[13] A1
[51] **Int.Cl. H01L 31/0256 (2006.01) B82Y 20/00 (2011.01) H01L 31/0328 (2006.01) H01L 31/06 (2012.01)**
[25] EN
[54] **PHOTOCATHODES AND DUAL PHOTOELECTRODES FOR NANOWIRE PHOTONIC DEVICES**
[54] **PHOTOCATHODES ET PHOTOELECTRODES DOUBLES DESTINEES AUX DISPOSITIFS PHOTONIQUES NANOFILAIRES**
[72] MI, ZETIAN, CA
[72] FAN, SHIZHAO, CA
[72] ALOTAIBI, BANDAR, CA
[71] MI, ZETIAN, CA
[71] FAN, SHIZHAO, CA
[71] ALOTAIBI, BANDAR, CA
[22] 2016-03-16
[41] 2016-09-16
[30] US (62/133,588) 2015-03-16

---

[21] **2,923,912**
[13] A1
[51] **Int.Cl. G21B 3/00 (2006.01) C01B 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING AND FOR FUSING ULTRA-DENSE HYDROGEN**
[54] **METHODE ET APPAREIL DE PRODUCTION ET DE FUSION D'HYDROGENE ULTRA DENSE**
[72] KOTZIAS, BERNHARD, DE
[71] AIRBUS DS GMBH, DE
[22] 2016-03-15
[41] 2016-09-16
[30] DE (102015103843.9) 2015-03-16
[30] DE (102015114744.0) 2015-09-03

---

[21] **2,923,913**
[13] A1
[51] **Int.Cl. G21B 3/00 (2006.01)**
[25] EN
[54] **MATERIAL ARRANGEMENT FOR A FUSION REACTOR AND METHOD FOR PRODUCING THE SAME**
[54] **DISPOSITION DE MATERIAU D'UN REACTEUR DE FUSION ET METHODE DE PRODUCTION ASSOCIEE**
[72] KOTZIAS, BERNHARD, DE
[71] AIRBUS DS GMBH, DE
[22] 2016-03-15
[41] 2016-09-16
[30] DE (102015103843.9) 2015-03-16
[30] DE (102015114749.1) 2015-09-03

---

[21] **2,923,914**
[13] A1
[51] **Int.Cl. B28B 7/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE PRODUCTION OF MOLDED CONCRETE PARTS IN A MOLDING MACHINE**
[54] **APPAREIL DE PRODUCTION DE PIECES DE BETON MOULEES DANS UNE MACHINE DE MOULAGE**
[72] STICHEL, HOLGER, DE
[72] BRAUNGARDT, JURGEN, DE
[71] KOBRA FORMEN GMBH, DE
[22] 2016-03-16
[41] 2016-09-16
[30] DE (10 2015 103 829.3) 2015-03-16

---

[21] **2,923,917**
[13] A1
[51] **Int.Cl. G02B 27/22 (2006.01) G09G 3/3208 (2016.01) G09G 3/20 (2006.01) H03K 17/96 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **FLEXIBLE DISPLAY FOR A MOBILE COMPUTING DEVICE**
[54] **PRESENTOIR FLEXIBLE DESTINE A UN APPAREIL INFORMATIQUE MOBILE**
[72] VERTEGAAL, ROEL, CA
[72] GOTSCH, DANIEL M., CA
[71] VERTEGAAL, ROEL, CA
[71] GOTSCH, DANIEL M., CA
[22] 2016-03-17
[41] 2016-09-17
[30] US (62/134,268) 2015-03-17

---

[21] **2,923,931**
[13] A1
[51] **Int.Cl. F16L 55/1645 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR EXHAUSTING STEAM IN CURED-IN-PLACE PIPELINING**
[54] **DISPOSITIF ET METHODE DESTINES A L'EVACUATION DE VAPEUR DANS L'INSTALLATION DE PIPELINES DURCIS SUR PLACE**
[72] KIEST, LARRY W., JR., US
[71] LMK TECHNOLOGIES, LLC, US
[22] 2016-03-16
[41] 2016-09-16
[30] US (62/133,792) 2015-03-16

---

[21] **2,924,171**
[13] A1
[51] **Int.Cl. G09F 9/33 (2006.01) H03K 17/96 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **CYLINDRICAL COMPUTING DEVICE WITH FLEXIBLE DISPLAY**
[54] **DISPOSITIF INFORMATIQUE CYLINDRIQUE DOTE D'UN ECRAN SOUPLE**
[72] VERTEGAAL, ROEL, CA
[71] VERTEGAAL, ROEL, CA
[22] 2016-03-17
[41] 2016-09-17
[30] US (62/134,268) 2015-03-17

[21] **2,924,199**
[13] A1
[51] **Int.Cl. A47L 9/28 (2006.01) A47L 9/16 (2006.01) B60P 3/00 (2006.01)**
[25] EN
[54] **VACUUM INSTALLATION**
[54] **INSTALLATION DE MISE SOUS VIDE**
[72] SPIERDIJK, NIC, NL
[71] KOKS GROUP B.V., NL
[22] 2016-03-17
[41] 2016-09-17
[30] NL (2014477) 2015-03-17

---

[21] **2,924,207**
[13] A1
[51] **Int.Cl. A45C 7/00 (2006.01) A45C 5/03 (2006.01) A45C 5/14 (2006.01) A45C 13/26 (2006.01)**
[25] EN
[54] **COLLAPSIBLE ROLLING LUGGAGE**
[54] **BAGAGE ROULANT PLIABLE**
[72] PITCHFORTH, NOAH, US
[72] TURNER, ANDREW, US
[71] EDDIE BAUER LLC, US
[22] 2016-03-17
[41] 2016-09-17
[30] US (62/134,119) 2015-03-17

---

[21] **2,936,014**
[13] A1
[51] **Int.Cl. B64C 27/59 (2006.01) B64C 27/04 (2006.01)**
[25] FR
[54] **AIRCRAFT AND AIRCRAFT GEAR MOTOR REDUCTION GROUP**
[54] **AERONEF ET GROUPE MOTOREDUCTEUR D'AERONEF**
[72] MARIE, ADRIEN, FR
[72] BELMONTE, JEROME, FR
[72] ZAMPONI, LAURENT, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2016-07-12
[41] 2016-09-13
[30] FR (1501863) 2015-09-08

---

[21] **2,936,224**
[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) H04W 4/00 (2009.01) F21S 10/02 (2006.01) F21S 10/04 (2006.01) H05B 37/02 (2006.01) G01P 5/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOTELY CONTROLLING AN IMITATION CANDLE DEVICE**
[54] **SYSTEMES ET METHODES DE CONTROLE A DISTANCE D'UN DISPOSITIF D'IMITATION DE CHANDELLE**
[72] LI, XIAOFENG, CN
[71] LI, XIAOFENG, CN
[22] 2016-07-13
[41] 2016-09-14
[30] CN (201610437230.3) 2016-06-17
[30] US (15/197,354) 2016-06-29

---

[21] **2,936,425**
[13] A1
[51] **Int.Cl. F16M 11/28 (2006.01) B62B 3/00 (2006.01) B62B 5/00 (2006.01) F16M 11/06 (2006.01) H04N 5/222 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **CAMERA DOLLY**
[54] **CHARIOT DE CAMERA**
[72] CHAPMAN, LEONARD T., US
[71] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[22] 2014-12-05
[41] 2016-09-15
[62] 2,873,697
[30] US (14/135,122) 2013-12-19
[30] US (14/186,444) 2014-02-21
[30] US (14/292,422) 2014-05-30

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,896,958**
[13] A1
[51] **Int.Cl. A61B 17/90 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC SURGICAL DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, MECANISMES ET METHODES CHIRURGICAUX ADAPTES AU PATIENT**
[72] STEMNISKI, PAUL M., US
[72] REYNOLDS, DAVID G., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-05-14
[86] 2015-03-13 (PCT/US2015/020414)
[87] (2896958)

---

[21] **2,929,566**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EVALUATING DOWNHOLE CONDITIONS THROUGH RFID SENSING**
[54] **PROCEDES ET APPAREIL POUR L'EVALUATION DE CONDITIONS DE FOND DE TROU PAR DETECTION RFID**
[72] GOODWIN, SCOTT, US
[72] ROBERSON, MARK W., US
[72] RODDY, CRAIG W., US
[72] RAVI, KRISHNA M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-03
[86] 2014-12-17 (PCT/US2014/070773)
[87] (WO2015/102897)
[30] US (14/145,447) 2013-12-31

---

[21] **2,934,187**
[13] A1
[51] **Int.Cl. B01L 3/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOADING LIQUID SAMPLES**
[54] **SYSTEMES ET PROCEDES DE CHARGEMENT D'ECHANTILLONS LIQUIDES**
[72] LIM, GARY, US
[72] STRAUB, THEODORE, US
[71] LIFE TECHNOLOGIES CORPORATION, US
[85] 2016-06-16
[86] 2014-11-18 (PCT/US2014/066225)
[87] (WO2015/074076)
[30] US (61/905,760) 2013-11-18

---

[21] **2,938,947**
[13] A1
[51] **Int.Cl. A23L 7/10 (2016.01) A23L 7/157 (2016.01) A23P 20/12 (2016.01) A47J 43/22 (2006.01)**
[25] EN
[54] **PACKAGED WHEAT FLOUR**
[54] **FARINE DE BLE CONDITIONNEE**
[72] YOSHIOKA, YASUYUKI, JP
[72] OMURA, MASATO, JP
[72] SAKAKIBARA, MICHIHIRO, JP
[71] NISSHIN FOODS INC., JP
[85] 2016-08-05
[86] 2015-02-10 (PCT/JP2015/053690)
[87] (WO2015/119294)
[30] JP (2014-023462) 2014-02-10
[30] JP (PCT/JP2014/059084) 2014-03-28

---

[21] **2,939,251**
[13] A1
[51] **Int.Cl. E21B 17/06 (2006.01) E21B 21/10 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **DISCONNECT AND OTHER DEVICES FOR DOWNHOLE ASSEMBLY**
[54] **DISPOSITIF DE DECONNEXION ET AUTRES DISPOSITIFS POUR ENSEMBLE DE FOND DE TROU**
[72] OLLERENSHAW, ANDREW, GB
[72] HARDY, JAMES, GB
[71] INTELLIGENT DRILLING TOOLS LIMITED, GB
[85] 2016-08-09
[86] 2015-02-13 (PCT/GB2015/050423)
[87] (WO2015/121676)
[30] GB (1402660.3) 2014-02-14

---

[21] **2,939,843**
[13] A1
[51] **Int.Cl. A61K 33/30 (2006.01) A23L 27/20 (2016.01) A23L 33/16 (2016.01) A23L 33/20 (2016.01) A61K 31/19 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR USING CINNAMALDEHYDE AND ZINC FOR WEIGHT MANAGEMENT**
[54] **PROCEDES ET COMPOSITIONS UTILISANT DU CINNAMALDEHYDE ET DU ZINC POUR LA GESTION DU POIDS**
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] MEYLAN MERLINI, JENNY, CH
[72] BURBIDGE, ADAM, CH
[72] LE COUTRE, JOHANNES, CH
[71] NESTEC S.A., CH
[85] 2016-08-15
[86] 2015-03-10 (PCT/EP2015/054916)
[87] (WO2015/140002)
[30] US (61/968,096) 2014-03-20

[21] **2,939,887**
[13] A1
[51] **Int.Cl. C07H 15/04 (2006.01) A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07H 1/00 (2006.01) C07H 1/02 (2006.01)**
[25] EN
[54] **NOVEL SYNTHETIC OLIGOMERS OF NEISSERIA MENINGITIS SEROGROUP X AND PROCESS OF PREPARING THEM**
[54] **NOUVEAUX OLIGOMERES SYNTHETIQUES DU SEROGROUPE X DE NEISSERIA MENINGITIDIS ET LEUR PROCEDE DE PREPARATION**
[72] GILL, DAVINDER, IN
[72] HARALE, KISHORE, IN
[72] CHHIKARA, MANOJ KUMAR, IN
[71] MSD WELLCOME TRUST HILLEMAN LABORATORIES PVT LTD., IN
[85] 2016-08-16
[86] 2015-02-24 (PCT/IB2015/051370)
[87] (WO2015/128797)
[30] IN (526/DEL/2014) 2014-02-25

[21] **2,940,067**
[13] A1
[51] **Int.Cl. B21J 15/04 (2006.01) B21K 25/00 (2006.01) F16B 17/00 (2006.01) F16C 11/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A RIVETED CONNECTION BETWEEN A BALL JOINT PIN AND A COMPONENT IN THE FORM OF A METAL SHEET AND CORRESPONDING PREFABRICATED SUBASSEMBLY**
[54] **METHODE DE PRODUCTION D'UN RACCORD RIVETE ENTRE UNE TIGE DE JOINT A BILLE ET UNE COMPOSANTE DANS LA FORME D'UNE TOLE ET SOUS-ASSEMBLAGE PREFABRIQUE CORRESPONDANT**
[72] SCHMIDT, HEIKO, DE
[71] SCHMIDT, HEIKO, DE
[85] 2016-08-18
[86] 2015-04-13 (PCT/DE2015/100155)
[87] (WO2015/180708)
[30] DE (10 2014 107 462.9) 2014-05-27
[30] DE (10 2014 110 139.1) 2014-07-18

[21] **2,940,081**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01) F16L 33/20 (2006.01) F16L 33/32 (2006.01) A01C 15/04 (2006.01)**
[25] EN
[54] **HOSE CONNECTOR SYSTEM FOR AN AGRICULTURAL SPREADER MACHINE**
[54] **SYSTEME DE RACCORDEMENT DE TUYAU POUR MACHINE AGRICOLE D'EPANDAGE**
[72] BERENDSEN, MARK, NL
[72] BERGERFURTH, DENNIS, DE
[72] GEBBEKEN, MARTIN, DE
[72] GERAATS, MARCEL, DE
[72] GOTZEN, CHRISTIAN, DE
[72] LUKAS, THOMAS, DE
[72] PAESSENS, CHRISTIAN, DE
[72] WERRIES, DIETER, DE
[71] LEMKEN GMBH & CO. KG, DE
[85] 2016-08-18
[86] 2015-02-20 (PCT/DE2015/100069)
[87] (WO2015/124148)
[30] DE (10 2014 102 247.5) 2014-02-21

[21] **2,940,083**
[13] A1
[51] **Int.Cl. B61D 15/00 (2006.01) B61G 5/00 (2006.01) B61G 5/02 (2006.01) E01B 27/00 (2006.01)**
[25] EN
[54] **LOADING TRAIN FOR BULK MATERIAL**
[54] **TRAIN DE CHARGEMENT POUR MATIERE EN VRAC**
[72] HOTZENDORFER, PATRICK, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2016-08-18
[86] 2015-03-13 (PCT/EP2015/000564)
[87] (WO2015/154844)
[30] AT (GM 153/2014) 2014-04-07

[21] **2,940,090**
[13] A1
[51] **Int.Cl. A61K 8/11 (2006.01) A61K 9/50 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **ACTIVE AGENT-CONTAINING MICROCAPSULES**
[54] **MICROCAPSULES CONTENANT UN AGENT ACTIF**
[72] GOLDSTEIN, DANNY, IL
[72] PRIVALOVA, OLGA, IL
[72] BEN-ALTABET, LIOR, IL
[72] MENACHEM, YANIV, IL
[72] HAJ, HANAN, IL
[72] DUCHI, SHAHER, IL
[71] TAGRA BIOTECHNOLOGIES LTD., IL
[85] 2016-08-18
[86] 2015-03-04 (PCT/IL2015/050236)
[87] (WO2015/132792)
[30] US (61/947,683) 2014-03-04

[21] **2,940,092**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/10 (2016.01) A61C 1/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL TIME TRACKING AND MODELING OF SURGICAL SITE**
[54] **SYSTEME ET METHODE DE SUIVI EN TEMPS REEL ET DE MODELISATION DE SITE CHIRURGICAL**
[72] DAON, EHUD, CA
[71] NAVIGATE SURGICAL TECHNOLOGIES, INC., CA
[85] 2016-08-18
[86] 2015-03-11 (PCT/IL2015/050257)
[87] (WO2015/136537)
[30] US (61/952,832) 2014-03-13

[21] **2,940,094**
[13] A1
[51] **Int.Cl. C10B 53/07 (2006.01) C10B 7/06 (2006.01) C10B 19/00 (2006.01) C10B 27/00 (2006.01) C10G 1/02 (2006.01) C10G 1/10 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR DISPOSING OF WASTES COMPOSED OF PLASTIC MATERIALS AND BIOMASSES**
[54] **PROCEDE ET INSTALLATION POUR L'ELIMINATION DE DECHETS CONSTITUES DE MATIERES PLASTIQUES ET DE BIOMASSES**
[72] BENZI, GIUSEPPE, IT
[71] BENZI, GIUSEPPE, IT
[85] 2016-08-18
[86] 2015-02-02 (PCT/IT2015/000015)
[87] (WO2015/125166)
[30] IT (TO2014A000145) 2014-02-21

[21] **2,940,095**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **A CONTAINER HAVING A HEATER FOR AN AEROSOL-GENERATING DEVICE, AND AEROSOL-GENERATING DEVICE**
[54] **CONTENANT COMPRENANT UN APPAREIL DE CHAUFFAGE POUR UN DISPOSITIF DE GENERATION D'AEROSOL ET DISPOSITIF DE GENERATION D'AEROSOL**
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-08-18
[86] 2015-04-24 (PCT/EP2015/058910)
[87] (WO2015/165814)
[30] EP (14166739.4) 2014-04-30

[21] **2,940,098**
[13] A1
[51] **Int.Cl. C04B 41/87 (2006.01) C04B 35/48 (2006.01) C04B 35/488 (2006.01) C04B 35/622 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ZIRCONIA-BASED MULTI-PHASIC CERAMIC COMPOSITES**
[54] **PROCEDE POUR PRODUIRE DES COMPOSITES EN CERAMIQUE A PHASES MULTIPLES A BASE DE ZIRCONE**
[72] MONTANARO, LAURA, IT
[72] PALMERO, PAOLA, IT
[72] CHEVALIER, JEROME, FR
[72] REVERON, HELEN, FR
[72] FUERDERER, TOBIAS, DE
[71] POLITECNICO DI TORINO, IT
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON, FR
[71] DOCERAM MEDICAL CERAMICS GMBH, DE
[71] UNIVERSITE CLAUDE BERNARD LYON 1 (UCBL), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2016-08-18
[86] 2015-02-13 (PCT/IT2015/000036)
[87] (WO2015/125167)
[30] IT (TO2014A000144) 2014-02-21

[21] **2,940,099**
[13] A1
[51] **Int.Cl. F23R 3/52 (2006.01) F23R 3/00 (2006.01) F23R 3/60 (2006.01)**
[25] FR
[54] **ANNULAR TURBINE ENGINE COMBUSTION CHAMBER**
[54] **CHAMBRE DE COMBUSTION ANNULAIRE DE TURBOMACHINE**
[72] SAVARY, NICOLAS, FR
[72] BERTEAU, PATRICK, FR
[72] CARRERE, BERNARD, FR
[72] DUBOURDIEU, JEAN-MARC, FR
[72] NAUDOT, LUDOVIC, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2016-08-18
[86] 2015-01-27 (PCT/FR2015/050179)
[87] (WO2015/124840)
[30] FR (1451321) 2014-02-19

[21] **2,940,101**
[13] A1
[51] **Int.Cl. C12N 1/14 (2006.01) A01H 5/10 (2006.01) A01N 63/04 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01) C07K 14/37 (2006.01) C12N 15/31 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **BIOACTIVE PROTEIN, USE THEREOF AND METHOD FOR ITS PRODUCTION**
[54] **PROTEINE BIOACTIVE, UTILISATION DE CELLE-CI ET METHODE DE PRODUCTION DE CELLE-CI**
[72] LORITO, MATTEO, IT
[72] RUOCCO, MICHELINA, IT
[72] VINALE, FRANCESCO, IT
[72] WOO, SHERIDAN LOIS, IT
[71] KOPPERT B.V., NL
[85] 2016-08-18
[86] 2015-02-23 (PCT/NL2015/050115)
[87] (WO2015/126256)
[30] EP (14156146.4) 2014-02-21
[30] EP (14197253.9) 2014-12-10

[21] **2,940,110**
[13] A1
[51] **Int.Cl. E21D 20/00 (2006.01)**
[25] EN
[54] **ROD MANIPULATOR FOR A MINING DRILL RIG**
[54] **MANIPULATEUR DE TIGE POUR APPAREIL DE FORAGE MINIER**
[72] GALLER, THOMAS, AT
[72] LEITNER, JOHANNES, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2016-08-18
[86] 2015-03-09 (PCT/EP2015/054797)
[87] (WO2015/144424)
[30] EP (14162337.1) 2014-03-28

[21] **2,940,118**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/02 (2006.01) C12M 1/34 (2006.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01)**
[25] EN
[54] **AUTOMATED RNA DETECTION USING LABELED 2'-O-METHYL RNA OLIGONUCLEOTIDE PROBES AND SIGNAL AMPLIFICATION SYSTEMS**
[54] **DETECTION AUTOMATISEE D'ARN A L'AIDE DE SONDES OLIGONUCLEOTIDIQUES D'ARN 2'-O-METHYLE MARQUEES ET DE SYSTEMES D'AMPLIFICATION DE SIGNAL**
[72] FARRELL, MICHAEL, US
[72] DAY, WILLIAM, US
[72] JIANG, ZEYU, US
[72] PEDATA, ANNE, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2016-08-18
[86] 2015-02-20 (PCT/EP2015/053644)
[87] (WO2015/124738)
[30] US (61/943,933) 2014-02-24
[30] US (62/102,184) 2015-01-12

[21] **2,940,121**
[13] A1
[51] **Int.Cl. C21D 9/14 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/08 (2006.01) C22C 38/12 (2006.01) C22C 38/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HOT-ROLLED SEAMLESS PIPES FROM TRANSFORMABLE STEEL, IN PARTICULAR FOR PIPELINES FOR DEEP-WATER APPLICATIONS, AND CORRESPONDING PIPES**
[54] **PROCEDE DE FABRICATION DE TUBES LAMINES A CHAUD SANS CORDON EN ACIER TRANSFORMABLE, NOTAMMENT POUR DES CONDUITES TUBULAIRES DESTINEES A DES APPLICATIONS EN EAU PROFONDE, ET TUBESCORRESPONDANTS**
[72] SCHMIDT, TANJA, DE
[72] GERCEKOGLU, FERID, DE
[71] VALLOUREC DEUTSCHLAND GMBH, DE
[85] 2016-08-18
[86] 2015-02-23 (PCT/EP2015/053707)
[87] (WO2015/128282)
[30] DE (10 2014 102 452.4) 2014-02-25

[21] **2,940,124**
[13] A1
[51] **Int.Cl. F04B 43/113 (2006.01) F04B 9/105 (2006.01) F04B 43/06 (2006.01)**
[25] EN
[54] **HYDRAULICALLY DRIVEN BELLOWS PUMP**
[54] **POMPE A SOUFFLET ENTRAINEE DE FACON HYDRAULIQUE**
[72] BILOUSOV, ANATOLIY, UA
[72] ROTHENBUHLER, JORG H., CH
[71] GARNIMAN S.A., UY
[85] 2016-08-18
[86] 2015-02-23 (PCT/EP2015/053714)
[87] (WO2015/128283)
[30] EP (14156813.9) 2014-02-26
[30] EP (14160908.1) 2014-03-20

[21] **2,940,126**
[13] A1
[51] **Int.Cl. B23K 1/008 (2006.01) B23K 1/00 (2006.01) B23K 3/06 (2006.01) B23K 3/08 (2006.01) F27B 9/02 (2006.01)**
[25] EN
[54] **WAVE SOLDER MACHINES WITH PRE-HEATER LATCH AND SEAL MECHANISM AND RELATED METHOD**
[54] **MACHINES A BRASER A LA VAGUE AVEC MECANISME DE VERROUILLAGE ET D'ETANCHEITE DE PRECHAUFFAGE ET PROCEDE ASSOCIE**
[72] DAUTENHAHN, JONATHAN M., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-08-18
[86] 2014-11-19 (PCT/US2014/066283)
[87] (WO2015/130353)
[30] US (14/189,743) 2014-02-25

[21] **2,940,131**
[13] A1
[51] **Int.Cl. F27D 19/00 (2006.01) C21B 5/00 (2006.01) C21B 9/12 (2006.01) F27D 3/16 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A SHAFT FURNACE, IN PARTICULAR A BLAST FURNACE**
[54] **PROCEDE D'EXPLOITATION D'UN FOURNEAU A CUVE, EN PARTICULIER D'UN HAUT FOURNEAU**
[72] KANNAPPEL, MARTIN, DE
[72] KLOCK, RAINER, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2016-08-18
[86] 2015-02-27 (PCT/EP2015/054173)
[87] (WO2015/132159)
[30] DE (10 2014 102 913.5) 2014-03-05

[21] **2,940,158**
[13] A1
[51] **Int.Cl. F04C 18/107 (2006.01) F04C 2/107 (2006.01) F04C 15/00 (2006.01)**
[25] EN
[54] **ROTARY POSITIVE-DISPLACEMENT MACHINE**
[54] **MACHINE VOLUMETRIQUE ROTATIVE**
[72] DMITRIEV, OLEG, GB
[72] TABOTA, EVGENIY, GB
[71] VERT ROTORS UK LIMITED, GB
[85] 2016-08-18
[86] 2015-02-18 (PCT/GB2015/050459)
[87] (WO2015/124918)
[30] GB (1402886.4) 2014-02-18
[30] GB (1413716.0) 2014-08-01

[21] **2,940,201**
[13] A1
[51] **Int.Cl. B23K 9/067 (2006.01) B23K 9/167 (2006.01) B23K 9/173 (2006.01) B23K 9/29 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GAS METAL ARC WELDING**
[54] **PROCEDE ET DISPOSITIF DE SOUDAGE SOUS PROTECTION GAZEUSE AU MOYEN D'UN FIL-ELECTRODE NON FUSIBLE ET D'UNE ELECTRODE FUSIBLE**
[72] BUSCHER, KONSTANTIN ALEXANDER, DE
[72] WIJNHOLDS, RALPH, NL
[71] MHIW B.V., NL
[85] 2016-08-19
[86] 2015-02-17 (PCT/EP2015/000342)
[87] (WO2015/124286)
[30] DE (10 2014 002 213.7) 2014-02-21

[21] **2,940,203**
[13] A1
[51] **Int.Cl. C08F 290/06 (2006.01) G02B 1/04 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **CARBOSILOXANE VINYLIC MONOMERS**
[54] **MONOMERES VINYLIQUES DE CARBOSILOXANE**
[72] HUANG, JINYU, US
[72] CHANG, FRANK, US
[71] NOVARTIS AG, CH
[85] 2016-08-19
[86] 2015-04-23 (PCT/US2015/027335)
[87] (WO2015/164630)
[30] US (61/984,101) 2014-04-25

[21] **2,940,207**
[13] A1
[51] **Int.Cl. C08F 290/06 (2006.01) G02B 1/04 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **HYDROPHILIZED CARBOSILOXANE VINYLIC MONOMERS**
[54] **MONOMERES VINYLIQUES DE CARBOSILOXANE RENDUS HYDROPHILES**
[72] HUANG, JINYU, US
[72] CHANG, FRANK, US
[71] NOVARTIS AG, CH
[85] 2016-08-19
[86] 2015-04-23 (PCT/US2015/027256)
[87] (WO2015/164582)
[30] US (61/984,117) 2014-04-25

[21] **2,940,208**
[13] A1
[51] **Int.Cl. F02D 41/20 (2006.01) F02D 41/30 (2006.01)**
[25] EN
[54] **CONTROL UNIT OF AN INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE**
[72] PROBST, ULRICH, DE
[71] MAN DIESEL & TURBO SE, DE
[85] 2016-08-19
[86] 2015-02-19 (PCT/EP2015/000372)
[87] (WO2015/124304)
[30] DE (10 2014 002 261.7) 2014-02-20

[21] **2,940,211**
[13] A1
[51] **Int.Cl. A61B 90/11 (2016.01) A61B 10/02 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, AND DEVICE FOR PLANNING AND PERFORMING GUIDED AND FREE-HANDED TRANSPERINEAL PROSTATE BIOPSIES**
[54] **PROCEDE, SYSTEME ET DISPOSITIF DE PLANIFICATION ET DE REALISATION DE BIOPSIES DE LA PROSTATE TRANSPERINEALE MAIN LIBRE ET GUIDEES**
[72] ALLAWAY, MATTHEW J., US
[71] CORBIN CLINICAL RESOURCES, LLC, US
[85] 2016-08-19
[86] 2015-04-03 (PCT/US2015/024339)
[87] (WO2015/154024)
[30] US (61/974,826) 2014-04-03

[21] **2,940,215**
[13] A1
[51] **Int.Cl. F17C 5/06 (2006.01)**
[25] EN
[54] **MODULAR COMPRESSED NATURAL GAS SYSTEM FOR USE AT A WELLSITE**
[54] **SYSTEME DE GAZ NATUREL COMPRIME MODULAIRE DESTINE A ETRE UTILISE SUR UN SITE DE FORAGE**
[72] KAPOOR, MANIK, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-08-18
[86] 2015-02-25 (PCT/US2015/017411)
[87] (WO2015/130723)
[30] US (14/189,492) 2014-02-25

[21] **2,940,218**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 35/74 (2015.01) A61K 47/48 (2006.01) C07K 14/245 (2006.01) C07K 14/25 (2006.01) C07K 16/08 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) C12N 15/62 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PROTEINS COMPRISING AMINO-TERMINAL PROXIMAL SHIGA TOXIN A SUBUNIT EFFECTOR REGIONS AND CELL-TARGETING IMMUNOGLOBULIN-TYPE BINDING REGIONS**
[54] **PROTEINES COMPRENANT DES REGIONS EFFECTRICES A SOUS-MOTIFS A DE SHIGA-TOXINE PROCHES DE LEUR EXTREMITE AMINO-TERMINALE ET DES REGIONS DE LIAISON DE TYPE IMMUNOGLOBULINE DE CIBLAGE CELLULAIRE**
[72] POMA, ERIC, US
[72] WILLERT, ERIN, US
[71] MOLECULAR TEMPLATES, INC., US
[85] 2016-08-18
[86] 2015-03-10 (PCT/US2015/019708)
[87] (WO2015/138452)
[30] US (61/951,121) 2014-03-11

[21] **2,940,221**
[13] A1
[51] **Int.Cl. E01C 9/00 (2006.01) B64F 1/02 (2006.01)**
[25] EN
[54] **MACRO-PATTERNED MATERIALS AND STRUCTURES FOR VEHICLE ARRESTING SYSTEMS**
[54] **MATERIAUX A MACRO-MOTIFS ET STRUCTURES POUR SYSTEMES D'ARRET DE VEHICULE**
[72] LI, YOUHONG, US
[72] VILLA-GONZALEZ, MARCOS, US
[72] VALENTINI, SILVIA C., US
[72] SHI, YIJIAN, US
[72] ZOU, HONG, US
[72] GALBUS, MICHAEL, US
[71] ENGINEERED ARRESTING SYSTEMS CORPORATION, US
[85] 2016-08-18
[86] 2015-03-03 (PCT/US2015/018441)
[87] (WO2015/134463)
[30] US (61/947,194) 2014-03-03

[21] **2,940,222**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) C11D 3/36 (2006.01) C11D 7/36 (2006.01)**
[25] EN
[54] **WATER SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE SOUS FORME DE DOSE UNITAIRE HYDROSOLUBLE**
[72] BROOKER, ALAN THOMAS, GB
[72] SOUTER, PHILIP FRANK, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-19
[86] 2015-03-26 (PCT/US2015/022693)
[87] (WO2015/148780)
[30] EP (14162444.5) 2014-03-28
[30] EP (15159390.2) 2015-03-17

[21] **2,940,223**
[13] A1
[51] **Int.Cl. C04B 38/08 (2006.01) B64F 1/02 (2006.01) C04B 14/18 (2006.01) C04B 14/20 (2006.01) C04B 26/16 (2006.01) E01C 9/00 (2006.01)**
[25] EN
[54] **LOW-DENSITY PARTICLES FOR VEHICLE ARRESTING SYSTEMS**
[54] **PARTICULES A FAIBLE DENSITE POUR DES SYSTEMES D'ARRET DE VEHICULE**
[72] DOHERTY, SHAWN, US
[72] VALENTINI, SILVIA C., US
[71] ENGINEERED ARRESTING SYSTEMS CORPORATION, US
[85] 2016-08-18
[86] 2015-03-05 (PCT/US2015/018881)
[87] (WO2015/134707)
[30] US (61/948,141) 2014-03-05

[21] **2,940,229**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **WATER SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE SOLUBLE DANS L'EAU POUR DOSE UNITAIRE**
[72] SOUTER, PHILIP FRANK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-19
[86] 2015-03-26 (PCT/US2015/022662)
[87] (WO2015/148763)
[30] EP (14162442.9) 2014-03-28
[30] EP (15159385.2) 2015-03-17

[21] **2,940,241**
[13] A1
[51] **Int.Cl. A61B 3/113 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **EYE GAZE TRACKING BASED UPON ADAPTIVE HOMOGRAPHY MAPPING**
[54] **POURSUITE OCULAIRE BASEE SUR UN MAPPAGE D'HOMOGRAPHIE ADAPTATIF**
[72] ZHANG, ZHENGYOU, US
[72] CAI, QIN, US
[72] LIU, ZICHENG, US
[72] HUANG, JIA-BIN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-19
[86] 2015-03-12 (PCT/US2015/020178)
[87] (WO2015/179008)
[30] US (14/226,467) 2014-03-26

[21] **2,940,252**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/48 (2006.01) C07K 14/245 (2006.01) C07K 14/25 (2006.01) C07K 16/08 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) C12N 15/62 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PROTEINS COMPRISING BINDING REGIONS, SHIGA TOXIN A SUBUNIT EFFECTOR REGIONS, AND CARBOXY-TERMINAL, ENDOPLASMIC RETICULUM LOCALIZATION SIGNAL MOTIFS**
[54] **PROTEINES COMPORTANT DES REGIONS DE LIAISON, DES REGIONS EFFECTRICES A SOUS-MOTIFS A DE SHIGA-TOXINE, ET DES MOTIFS SIGNAL DE LOCALISATION DU RETICULUM ENDOPLASMIQUE CARBOXY-TERMINAUX**
[72] POMA, ERIC, US
[72] WILLERT, ERIN, US
[72] KIM, JASON, US
[72] HIGGINS, JACK, US
[71] MOLECULAR TEMPLATES, INC., US
[85] 2016-08-18
[86] 2015-03-10 (PCT/US2015/019684)
[87] (WO2015/138435)
[30] US (61/951,110) 2014-03-11

[21] **2,940,259**
[13] A1
[51] **Int.Cl. G09F 3/18 (2006.01) F16M 1/00 (2006.01) F16P 1/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO EXPOSE ENCLOSURE LABELS**
[54] **PROCEDES ET APPAREIL D'EXPOSITION D'ETIQUETTES D'ENCEINTE**
[72] CARTER, PERRY K., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-08-19
[86] 2015-02-25 (PCT/US2015/017418)
[87] (WO2015/130727)
[30] US (14/189,765) 2014-02-25

[21] **2,940,260**
[13] A1
[51] **Int.Cl. C12N 9/48 (2006.01) C11B 3/02 (2006.01) C11B 3/04 (2006.01) C12N 9/16 (2006.01) C12N 9/18 (2006.01) C12N 9/20 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE ENZYMATIC DEGUMMING OF OIL**
[54] **COMPOSITION PERMETTANT LA DEMUCILAGINATION ENZYMATIQUE DE L'HUILE**
[72] SOHLING, ULRICH, DE
[72] SUCK, KIRSTIN, DE
[72] BUBENHEIM, PAUL, DE
[71] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
[85] 2016-08-19
[86] 2015-02-19 (PCT/EP2015/053504)
[87] (WO2015/124672)
[30] EP (14000633.9) 2014-02-21

[21] **2,940,265**
[13] A1
[51] **Int.Cl. H01F 27/36 (2006.01) H01F 17/04 (2006.01) H01F 27/04 (2006.01) H01F 27/02 (2006.01)**
[25] EN
[54] **INDUCTOR**
[54] **BOBINE D'INDUCTION**
[72] AF EKSTROM, FREDRIK, SE
[71] HOGANAS AB (PUBL), SE
[85] 2016-08-19
[86] 2015-02-25 (PCT/EP2015/053895)
[87] (WO2015/128354)
[30] EP (14156559.8) 2014-02-25
[30] EP (14196583.0) 2014-12-05

[21] **2,940,271**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/08 (2009.01) H04W 76/02 (2009.01) H04W 92/08 (2009.01) H04N 21/2347 (2011.01) H04L 9/12 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM TO CREATE A SECURE COMMUNICATION CHANNEL BETWEEN TWO SECURITY MODULES**
[54] **PROCEDE ET SYSTEME POUR CREER UN CANAL DE COMMUNICATION SECURISEE ENTRE DEUX MODULES DE SECURITE**
[72] MELIA, TELEMACO, CH
[72] SARDA, PIERRE, CH
[71] NAGRAVISION S.A., CH
[85] 2016-08-19
[86] 2015-03-11 (PCT/EP2015/055076)
[87] (WO2015/135991)
[30] US (14/205,209) 2014-03-11

[21] **2,940,274**
[13] A1
[51] **Int.Cl. F16K 47/02 (2006.01) F16K 1/22 (2006.01) F16K 17/02 (2006.01) F16K 17/04 (2006.01) F16K 17/40 (2006.01)**
[25] EN
[54] **ROTATABLE PRESSURE RELIEF VALVE ASSEMBLY**
[54] **ENSEMBLE SOUPAPE DE DETENTE DE PRESSION ROTATIF**
[72] BRAZIER, GEOFFREY, US
[72] TOMASKO, JOHN, IE
[71] BS&B INNOVATION LIMITED, IE
[85] 2016-08-19
[86] 2015-02-20 (PCT/US2015/016904)
[87] (WO2015/127268)
[30] US (61/966,335) 2014-02-21

[21] **2,940,281**
[13] A1
[51] **Int.Cl. C07C 29/149 (2006.01)**
[25] EN
[54] **HOMOGENEOUS HYDROGENATION OF ESTERS EMPLOYING A COMPLEX OF IRON AS CATALYST**
[54] **HYDROGENATION HOMOGENE D'ESTERS UTILISANT UN COMPLEXE DE FER EN TANT QUE CATALYSEUR**
[72] FAIRWEATHER, NEIL THOMAS, US
[72] GIBSON, MICHAEL STEVEN, US
[72] GUAN, HAIRONG, US
[72] CHAKRABORTY, SUMIT, US
[72] DAI, HUIGUANG, US
[72] BHATTACHARYA, PAPRI, US
[71] THE PROCTER & GAMBLE COMPANY, US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2016-08-22
[86] 2015-03-26 (PCT/US2015/022708)
[87] (WO2015/153276)
[30] US (61/972,927) 2014-03-31

[21] **2,940,287**
[13] A1
[51] **Int.Cl. B60Q 3/02 (2006.01) B64D 11/00 (2006.01) H05B 37/02 (2006.01) G01G 19/44 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, AND EXECUTABLE PROGRAM PRODUCT FOR CONTROLLING PASSENGER SERVICES**
[54] **PROCEDE, SYSTEME ET PRODUIT DE PROGRAMME EXECUTABLE DE COMMANDE DE SERVICES POUR PASSAGER**
[72] GAGNON, PIERRE, CA
[72] REZILE, JOSEPH, CA
[72] KIRMOYAN, MARC, CA
[72] NOLEN, BRAD, CA
[72] LACHERE, JULIEN FABRICE, CA
[72] KARCESKI, JEFFREY DAVID, US
[71] BOMBARDIER INC., CA
[85] 2016-08-22
[86] 2015-02-20 (PCT/US2015/016912)
[87] (WO2015/130571)
[30] US (61/946,220) 2014-02-28

[21] **2,940,289**
[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 56/00 (2009.01) H04W 68/00 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR INDEPENDENT BASIC SERVICE SET BASED DATA PATHS FOR NEIGHBOR AWARE NETWORKS**
[54] **PROCEDES ET APPAREIL DESTINES A UN ENSEMBLE DE SERVICES DE BASE INDEPENDANTS FONDE SUR DES CHEMINS DE DONNEES POUR DES RESEAUX SENSIBLES AU VOISINAGE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] SHUKLA, ASHISH KUMAR, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-08-22
[86] 2015-03-25 (PCT/US2015/022526)
[87] (WO2015/153228)
[30] US (61/973,784) 2014-04-01
[30] US (14/667,493) 2015-03-24

[21] **2,940,305**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **LAUNDRY UNIT DOSE ARTICLE**
[54] **ARTICLE POUR LE LAVAGE DU LINGE DE TYPE DOSE UNITAIRE**
[72] BROOKER, ALAN THOMAS, GB
[72] SOUTER, PHILIP FRANK, GB
[72] SMITH, ANDREW JOHN, GB
[72] BAEZ CHAVEZ, JOSE DAVID, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-19
[86] 2015-03-24 (PCT/US2015/022164)
[87] (WO2015/148455)
[30] EP (14161368.7) 2014-03-24

[21] **2,940,312**
[13] A1
[51] **Int.Cl. F16C 11/08 (2006.01) B60G 21/055 (2006.01) F16C 23/04 (2006.01) F16C 27/06 (2006.01) F16F 1/04 (2006.01) F16F 1/16 (2006.01)**
[25] EN
[54] **RESILIENT PIVOT ASSEMBLY**
[54] **ENSEMBLE PIVOT ELASTIQUE**
[72] DRUST, CRAIG, GB
[71] DRUST, CRAIG, GB
[85] 2016-08-22
[86] 2015-02-21 (PCT/GB2015/000061)
[87] (WO2015/124896)
[30] GB (1403195.9) 2014-02-22

[21] **2,940,313**
[13] A1
[51] **Int.Cl. F25B 23/00 (2006.01)**
[25] EN
[54] **PASSIVE TWO-PHASE COOLING CIRCUIT**
[54] **CIRCUIT DE REFROIDISSEMENT PASSIF A DEUX PHASES**
[72] FUCHS, THOMAS, DE
[72] ORNOT, LEO, DE
[72] RECK, MARKUS, DE
[72] REUTER, MATTHIAS, DE
[71] AREVA GMBH, DE
[85] 2016-08-19
[86] 2015-03-17 (PCT/EP2015/055529)
[87] (WO2015/140151)
[30] DE (10 2014 205 086.3) 2014-03-19

[21] **2,940,315**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/385 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01) A61P 37/04 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **PCSK9 VACCINES**
[54] **VACCINS CONTRE LA PCSK9**
[72] GALABOVA, GERGANA, AT
[72] STAFFLER, GUNTHER, AT
[72] BRUNNER, SYLVIA, AT
[72] WINSAUER, GABRIELE, AT
[72] MAIRHOFER, ANDREAS, AT
[72] JUNO, CLAUDIA, AT
[71] AFFIRIS AG, AT
[85] 2016-08-22
[86] 2015-02-23 (PCT/EP2015/053725)
[87] (WO2015/128287)
[30] EP (14157221.4) 2014-02-28

[21] **2,940,324**
[13] A1
[51] **Int.Cl. H04N 21/2385 (2011.01) H04N 21/2543 (2011.01) H04N 21/2665 (2011.01) H04N 21/462 (2011.01)**
[25] EN
[54] **METHOD TO OPTIMIZE THE TRANSMISSION OF A SET OF TELEVISION CHANNELS**
[54] **PROCEDE D'OPTIMISATION DE TRANSMISSION D'UN ENSEMBLE DE CANAUX DE TELEVISION**
[72] BOCCHETTI, SALVATORE, CH
[71] NAGRAVISION S.A., CH
[85] 2016-08-19
[86] 2015-03-26 (PCT/EP2015/056640)
[87] (WO2015/144850)
[30] EP (14161759.7) 2014-03-26

[21] **2,940,335**
[13] A1
[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/95 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **MITRAL VALVE REPLACEMENT TOGGLE CELL SECUREMENT**
[54] **FIXATION DE CELLULES DE BASCULEMENT LORS DU REMPLACEMENT D'UNE VALVULE MITRALE**
[72] BENSON, THOMAS M., US
[72] EIDENSCHINK, TRACEE, US
[71] ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC., US
[85] 2016-08-19
[86] 2015-03-13 (PCT/US2015/020446)
[87] (WO2015/142648)
[30] US (61/954,810) 2014-03-18

[21] **2,940,336**
[13] A1
[51] **Int.Cl. C04B 28/04 (2006.01) B28B 19/00 (2006.01) C04B 7/02 (2006.01) C04B 24/00 (2006.01) E01C 7/26 (2006.01) C04B 40/06 (2006.01)**
[25] EN
[54] **DRY MORTAR, MORTAR SLURRY AND METHOD FOR PRODUCING SEMI-RIGID COATINGS**
[54] **MORTIER SEC, SUSPENSION DE MORTIER ET PROCEDE DE FABRICATION DE REVETEMENTS SEMI-SOLIDIFIES**
[72] WORTMANN, KAI, DE
[72] OBST, FRANK, DE
[72] WAGNER, ECKHARD, DE
[72] SCHOENE, STEFAN, DE
[71] HEIDELBERGCEMENT AG, DE
[85] 2016-08-22
[86] 2015-02-20 (PCT/EP2015/000391)
[87] (WO2015/124313)
[30] EP (14000628.9) 2014-02-22

[21] **2,940,344**
[13] A1
[51] **Int.Cl. H04L 9/12 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **TECHNIQUES TO OPERATE A SERVICE WITH MACHINE GENERATED AUTHENTICATION TOKENS**
[54] **TECHNIQUES D'EXPLOITATION D'UN SERVICE AVEC DES JETONS D'AUTHENTIFICATION PRODUITS PAR MACHINE**
[72] SCHOEN, LUKE, US
[72] KUMAR, SANTOSH, US
[72] DANI, RAJALAKSHMI, US
[72] MATHUR, SIDDHARTHA, US
[72] BRADY, SHANE, US
[72] ARIMILLI, RAMESH, US
[72] HETHERINGTON, DAVID, US
[72] AHUJA, VIKAS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-08-19
[86] 2015-03-23 (PCT/US2015/021919)
[87] (WO2015/148331)
[30] US (14/227,419) 2014-03-27

[21] **2,940,351**
[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01) A61K 9/14 (2006.01) A61K 9/72 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01)**
[25] EN
[54] **DRY-POWDER PEPTIDE MEDICAMENT**
[54] **MEDICAMENT PEPTIDIQUE SOUS FORME DE POUDRE SECHE**
[72] FISCHER, BERNHARD, AT
[71] APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH, AT
[85] 2016-08-22
[86] 2015-03-17 (PCT/EP2015/055481)
[87] (WO2015/140125)
[30] EP (14160540.2) 2014-03-18

[21] **2,940,358**
[13] A1
[51] **Int.Cl. B01J 37/02 (2006.01)**
[25] EN
[54] **COATING TOOL**
[54] **OUTIL DE REVETEMENT**
[72] MASSON, STEPHANE, FR
[71] UMICORE AG & CO. KG., DE
[85] 2016-08-22
[86] 2015-03-23 (PCT/IB2015/000388)
[87] (WO2015/140630)

[21] **2,940,360**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **TRANSCATHETER VALVE PROSTHESIS**
[54] **PROTHESE VALVULAIRE TRANSCATHETER**
[72] BORTLEIN, GEORG, FR
[72] NASR, MALEK, FR
[71] HIGHLIFE SAS, FR
[85] 2016-08-22
[86] 2015-02-25 (PCT/IB2015/000902)
[87] (WO2015/132667)
[30] DE (102014102653.5) 2014-02-28
[30] US (14/204,171) 2014-03-11

[21] **2,940,362**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **TRANSCATHETER VALVE PROSTHESIS**
[54] **PROTHESE VALVULAIRE TRANSCATHETER**
[72] BORTLEIN, GEORG, FR
[72] NASR, MALEK, FR
[71] HIGHLIFE SAS, FR
[85] 2016-08-22
[86] 2015-02-25 (PCT/IB2015/000905)
[87] (WO2015/132668)
[30] DE (102014102725.6) 2014-02-28
[30] US (14/204,518) 2014-03-11

[21] **2,940,363**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **TRANSCATHETER VALVE PROSTHESIS**
[54] **PROTHESE VALVULAIRE TRANSCATHETER**
[72] BORTLEIN, GEORG, FR
[72] NASR, MALEK, FR
[71] HIGHLIFE SAS, FR
[85] 2016-08-22
[86] 2015-02-25 (PCT/IB2015/000943)
[87] (WO2015/128741)
[30] DE (10 2014 102 718.3) 2014-02-28
[30] US (14/204,629) 2014-03-11

[21] **2,940,364**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **TRANSCATHETER VALVE PROSTHESIS**
[54] **PROTHESE VALVULAIRE TRANSCATHETER**
[72] BORTLEIN, GEORG, FR
[72] NASR, MALEK, FR
[71] HIGHLIFE SAS, FR
[85] 2016-08-22
[86] 2015-02-25 (PCT/IB2015/000929)
[87] (WO2015/128739)
[30] DE (102014102721.3) 2014-02-28
[30] US (14/204,293) 2014-03-11

[21] **2,940,382**
[13] A1
[51] **Int.Cl. H03M 7/30 (2006.01) G10L 19/038 (2013.01) H04N 19/124 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PYRAMID VECTOR QUANTIZATION INDEXING AND DE-INDEXING OF AUDIO/VIDEO SAMPLE VECTORS**
[54] **PROCEDE ET APPAREIL POUR INDEXATION ET DESINDEXATION DE QUANTIFICATION VECTORIELLE PYRAMIDE DE VECTEURS D'ECHANTILLON AUDIO/VIDEO**
[72] SVEDBERG, JONAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-08-22
[86] 2015-02-26 (PCT/SE2015/050216)
[87] (WO2015/130210)
[30] US (61/945,403) 2014-02-27

[21] **2,940,404**
[13] A1
[51] **Int.Cl. B05B 12/12 (2006.01)**
[25] EN
[54] **MATERIAL DISPENSING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE DISTRIBUTION DE MATIERE**
[72] BUSH, STEPHAN GARY, US
[72] SHERMAN, FAIZ FEISAL, US
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
[72] RABE, THOMAS ELLIOT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-12
[86] 2015-03-19 (PCT/US2015/021361)
[87] (WO2015/148235)
[30] US (14/228,567) 2014-03-28

[21] **2,940,405**
[13] A1
[51] **Int.Cl. C11D 3/30 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITIONS CONTAINING A POLYETHERAMINE**
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UNE POLYETHERAMINE**
[72] HULSKOTTER, FRANK, DE
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] SCIALLA, STEFANO, IT
[72] EBERT, SOPHIA, DE
[72] LUDOLPH, BJOERN, DE
[72] WIGBERS, CHRISTOF, DE
[72] MAAS, STEFFEN, DE
[72] BOECKH, DIETER, DE
[72] EIDAMSHAUS, CHRISTIAN, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-12
[86] 2015-03-27 (PCT/US2015/022927)
[87] (WO2015/148890)
[30] US (61/971,478) 2014-03-27

[21] **2,940,410**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **TRANSCATHETER VALVE PROSTHESIS**
[54] **PROTHESE VALVULAIRE TRANSCATHETER**
[72] BORTLEIN, GEORG, FR
[72] NASR, MALEK, FR
[71] HIGHLIFE SAS, FR
[85] 2016-08-22
[86] 2015-02-25 (PCT/IB2015/001005)
[87] (WO2015/128747)
[30] DE (102014102648.9) 2014-02-28
[30] US (14/204,662) 2014-03-11

[21] **2,940,411**
[13] A1
[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/08 (2013.01)**
[25] EN
[54] **HIGH-BAND SIGNAL CODING USING MULTIPLE SUB-BANDS**
[54] **ENCODAGE DE SIGNAL EN BANDE HAUTE UTILISANT MULTIPLES SOUS-BANDES**
[72] ATTI, VENKATRAMAN S., US
[72] KRISHNAN, VENKATESH, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-08-23
[86] 2015-03-31 (PCT/US2015/023490)
[87] (WO2015/153548)
[30] US (61/973,135) 2014-03-31
[30] US (14/672,868) 2015-03-30

[21] **2,940,412**
[13] A1
[51] **Int.Cl. C07D 239/94 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **6-ARYL-4-PHENYLAMINO-QUINAZOLINE ANALOGS AS PHOSPHOINOSITIDE-3-KINASE INHIBITORS**
[54] **ANALOGUES DE 6-ARYL-4-PHENYLAMINO-QUINAZOLINE SERVANT D'INHIBITEURS DE LA PHOSPHOINOSITIDE 3-KINASE**
[72] VISHWAKARMA, RAM ASREY, IN
[72] BHARATE, SANDIP BIBISHAN, IN
[72] BHUSHAN, SHASHI, IN
[72] YADAV, RAMMOHAN RAO, IN
[72] GURU, SANTOSH KUMAR, IN
[72] JOSHI, PRASHANT, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
[85] 2016-08-22
[86] 2015-02-16 (PCT/IN2015/000088)
[87] (WO2015/128873)
[30] IN (554/DEL/2014) 2014-02-27

[21] **2,940,415**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **TRANSCATHETER VALVE PROSTHESIS**
[54] **PROTHESE VALVULAIRE TRANSCATHETER**
[72] BORTLEIN, GEORGE, FR
[72] NASR, MALEK, FR
[71] HIGHLIFE SAS, FR
[85] 2016-08-22
[86] 2015-02-25 (PCT/IB2015/001014)
[87] (WO2015/128748)
[30] DE (102014102722.1) 2014-02-28
[30] US (14/204,394) 2014-03-11

[21] **2,940,416**
[13] A1
[51] **Int.Cl. B60Q 3/02 (2006.01) B64D 11/00 (2006.01) H05B 37/02 (2006.01) G01G 19/52 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, AND EXECUTABLE PROGRAM PRODUCT FOR CONTROLLING PASSENGER SERVICES**
[54] **PROCEDE, SYSTEME, ET PRODUIT-PROGRAMME EXECUTABLE DE COMMANDE DE SERVICES POUR PASSAGER**
[72] GAGNON, PIERRE, CA
[72] REZILE, JOSEPH, CA
[72] KIRMOYAN, MARC, CA
[72] NOLEN, BRAD, CA
[72] LACHERE, JULIEN FABRICE, CA
[72] KARCESKI, JEFFREY DAVID, US
[71] BOMBARDIER INC., CA
[85] 2016-08-22
[86] 2015-02-20 (PCT/US2015/016789)
[87] (WO2015/130567)
[30] US (61/946,200) 2014-02-28

[21] **2,940,418**
[13] A1
[51] **Int.Cl. B60Q 3/02 (2006.01) B64D 11/00 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM, AND EXECUTABLE PROGRAM PRODUCT FOR CONTROLLING LIGHTING**
[54] **PROCEDE, SYSTEME ET PRODUIT PROGRAMME EXECUTABLE POUR COMMANDER UN ECLAIRAGE**
[72] GAGNON, PIERRE, CA
[72] REZILE, JOSEPH, CA
[72] KIRMOYAN, MARC, CA
[72] NOLEN, BRAD, CA
[72] LACHERE, JULIEN FABRICE, CA
[72] KARCESKI, JEFFREY DAVID, US
[71] BOMBARDIER INC., CA
[85] 2016-08-22
[86] 2015-02-20 (PCT/US2015/016917)
[87] (WO2015/130572)
[30] US (61/946,244) 2014-02-28

[21] **2,940,419**
[13] A1
[51] **Int.Cl. C02F 3/02 (2006.01) C02F 3/00 (2006.01)**
[25] EN
[54] **TREATMENT PLANT AS WELL AS A METHOD FOR CONTROLLING SUCH A TREATMENT PLANT**
[54] **USINE DE TRAITEMENT ET METHODE DE CONTROLE D'UNE TELLE USINE DE TRAITEMENT**
[72] UBY, LARS, SE
[71] XYLEM IP MANAGEMENT S.A.R.L., LU
[85] 2016-08-22
[86] 2015-02-24 (PCT/IB2015/051372)
[87] (WO2015/132695)
[30] SE (1450237-1) 2014-03-04

[21] **2,940,420**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) C11D 3/42 (2006.01) C11D 7/00 (2006.01)**
[25] EN
[54] **WATER SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE SOUS FORME DE DOSE UNITAIRE HYDROSOLUBLE**
[72] BROOKER, ALAN THOMAS, GB
[72] SOUTER, PHILIP FRANK, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-23
[86] 2015-03-26 (PCT/US2015/022697)
[87] (WO2015/148782)
[30] EP (14162444.5) 2014-03-28
[30] EP (15159396.9) 2015-03-17

[21] **2,940,425**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **WATER SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE EN DOSE UNITAIRE HYDROSOLUBLE**
[72] BROOKER, ALAN THOMAS, GB
[72] SOUTER, PHILIP FRANK, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-23
[86] 2015-03-26 (PCT/US2015/022688)
[87] (WO2015/148777)
[30] EP (14162444.5) 2014-03-28
[30] EP (15159387.8) 2015-03-17

[21] **2,940,430**
[13] A1
[51] **Int.Cl. G10L 15/183 (2013.01) G10L 15/30 (2013.01)**
[25] EN
[54] **FLEXIBLE SCHEMA FOR LANGUAGE MODEL CUSTOMIZATION**
[54] **SCHEMA FLEXIBLE DE PERSONNALISATION DE MODELE LINGUISTIQUE**
[72] LEVIT, MICHAEL, US
[72] GUELMAN, HERNAN, US
[72] CHANG, SHUANGYU, US
[72] PARTHASARATHY, SARANGARAJAN, US
[72] DUMOULIN, BENOIT, US
[71] MICROSOFT TEHCNOLOGY LICENSING, LLC, US
[85] 2016-08-19
[86] 2015-03-23 (PCT/US2015/021921)
[87] (WO2015/148333)
[30] US (14/227,492) 2014-03-27

[21] **2,940,439**
[13] A1
[51] **Int.Cl. C07F 9/12 (2006.01) C07C 235/34 (2006.01) C07C 237/20 (2006.01) C07C 275/28 (2006.01) C07C 305/24 (2006.01) C07D 501/24 (2006.01) C07F 9/6518 (2006.01) C07H 15/203 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **QUINONE METHIDE ANALOG SIGNAL AMPLIFICATION**
[54] **AMPLIFICATION DU SIGNAL D'ANALOGUES DE QUINONEMETHIDES**
[72] BIENIARZ, CHRISTOPHER, US
[72] ASHWORTH-SHARPE, JULIA, US
[72] KELLY, BRIAN D., US
[72] POLASKE, NATHAN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2016-08-23
[86] 2015-02-20 (PCT/EP2015/053556)
[87] (WO2015/124703)
[30] US (61/943,940) 2014-02-24

[21] **2,940,445**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING A SOLID TUMOR CANCER**
[54] **PROCEDE DE DETECTION DE CANCER A TUMEUR SOLIDE**
[72] GRONBERG, HENRIK, SE
[71] PHADIA AB, SE
[85] 2016-08-22
[86] 2015-03-11 (PCT/SE2015/050272)
[87] (WO2015/137870)
[30] SE (1450274-4) 2014-03-11
[30] SE (1450420-3) 2014-04-04

[21] **2,940,447**
[13] A1
[51] **Int.Cl. C07K 14/22 (2006.01) A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 17/02 (2006.01) C12N 15/31 (2006.01)**
[25] EN
[54] **MODIFIED MENINGOCOCCAL FHBP POLYPEPTIDES**
[54] **POLYPEPTIDES FHBP MENINGOCOCCIQUES MODIFIES**
[72] BOTTOMLEY, MATTHEW, IT
[72] MALITO, ENRICO, IT
[72] MARTINELLI, MANUELE, IT
[72] SCARSELLI, MARIA, IT
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2016-08-23
[86] 2015-02-27 (PCT/EP2015/054174)
[87] (WO2015/128480)
[30] EP (14157399.8) 2014-02-28
[30] EP (14177566.8) 2014-07-17

[21] **2,940,449**
[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A61B 90/00 (2016.01) A61B 17/00 (2006.01) A61M 3/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR FORMING BIOMEDICAL COATINGS USING VARIABLE MIXING RATIOS OF MULTI-PART COMPOSITIONS**
[54] **PROCEDES ET DISPOSITIFS DE FORMATION DE REVETEMENTS BIOMEDICAUX UTILISANT DES RAPPORTS DE MELANGE VARIABLES DE COMPOSITIONS EN PLUSIEURS PARTIES**
[72] JAMIOLKOWSKI, DENNIS D., US
[72] SUNG, AN-MIN JASON, US
[72] KRIKSUNOV, LEO B., US
[71] ETHICON, INC., US
[85] 2016-08-22
[86] 2015-02-26 (PCT/US2015/017717)
[87] (WO2015/134267)
[30] US (14/199,173) 2014-03-06

[21] **2,940,453**
[13] A1
[51] **Int.Cl. F16B 39/284 (2006.01)**
[25] FR
[54] **THREADED INSERT**
[54] **INSERT FILETE**
[72] PHILIPPE, ALAN, FR
[72] BOLEIS, GILDAS, FR
[71] LISI AEROSPACE, FR
[85] 2016-08-23
[86] 2015-03-10 (PCT/EP2015/054891)
[87] (WO2015/135899)
[30] FR (1452018) 2014-03-11

[21] **2,940,455**
[13] A1
[51] **Int.Cl. C07K 7/62 (2006.01) A61K 38/08 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **POLYMYXIN DERIVATIVES AND THEIR USE IN COMBINATION THERAPY TOGETHER WITH DIFFERENT ANTIBIOTICS**
[54] **DERIVES DE POLYMYXINE ET LEUR UTILISATION DANS UNE POLYTHERAPIE EN ASSOCIATION AVEC DIFFERENTS ANTIBIOTIQUES**
[72] BROWN, PAMELA, GB
[72] DAWSON, MICHAEL, GB
[72] SIMONOVIC, MONA, GB
[72] BOAKES, STEVEN, GB
[72] DUPERCHY, ESTHER, GB
[72] STANWAY, STEVEN JAMES, GB
[72] WILSON, ANTOINETTE, GB
[72] MOSS, STEPHEN FREDERICK, GB
[71] NEW PHARMA LICENCE HOLDINGS LIMITED, MT
[85] 2016-08-23
[86] 2015-03-11 (PCT/EP2015/055046)
[87] (WO2015/135976)
[30] GB (1404301.2) 2014-03-11
[30] GB (1421019.9) 2014-11-26

[21] **2,940,459**
[13] A1
[51] **Int.Cl. C08L 95/00 (2006.01) C04B 26/26 (2006.01) C08K 11/00 (2006.01) C10C 3/00 (2006.01)**
[25] EN
[54] **COMPOSITION FORMED OF BITUMEN BASES FOR THE MANUFACTURE OF BITUMEN COMPRISING A SLURRY RESIDUE**
[54] **COMPOSITION DE BASES BITUME POUR LA FABRICATION DE BITUME COMPRENANT UN RESIDU SLURRY**
[72] BOLLIET, CHRISTOPHE, FR
[72] VENDRELL, GLORIA, FR
[72] SEGUELA, MATTHIEU, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
[85] 2016-08-23
[86] 2015-03-24 (PCT/EP2015/056229)
[87] (WO2015/144689)
[30] FR (1452614) 2014-03-27

[21] **2,940,461**
[13] A1
[51] **Int.Cl. C07K 14/445 (2006.01) A61K 39/015 (2006.01) A61P 33/06 (2006.01) C07K 16/20 (2006.01) C07K 19/00 (2006.01) C12N 1/19 (2006.01) C12N 5/10 (2006.01) C12N 15/31 (2006.01) C12N 15/62 (2006.01) G01N 33/569 (2006.01) C40B 40/08 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **MULTI-COMPONENT-MULTISTAGE MALARIA VACCINES**
[54] **VACCINS MULTI-CONSTITUANTS ET MULTI-STADES CONTRE LE PALUDISME**
[72] BOES, ALEXANDER, DE
[72] SPIEGEL, HOLGER, DE
[72] EDGU, GUVEN, DE
[72] BEISS, VERONIQUE, DE
[72] SACK, MARKUS, DE
[72] REIMANN, ANDREAS, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-08-23
[86] 2015-03-27 (PCT/EP2015/056693)
[87] (WO2015/144874)
[30] US (61/972,002) 2014-03-28
[30] EP (14001155.2) 2014-03-28

[21] **2,940,476**
[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **HERNIA REPAIR PATCH**
[54] **TIMBRE POUR LA REPARATION DES HERNIES**
[72] BLACKBURN, ELIZABETH, US
[72] TEE, ALEXANDER KIRBY, US
[72] LEVITT, MARIAH, US
[72] MCCARTHY, CRAIG, US
[72] ABROFF, AARON, US
[72] GANT, EVAN, US
[71] C.R. BARD, INC., US
[85] 2016-08-23
[86] 2015-03-03 (PCT/US2015/018496)
[87] (WO2015/134502)
[30] US (61/948,790) 2014-03-06

[21] **2,940,494**
[13] A1
[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/30 (2006.01) A61K 8/41 (2006.01) A61K 8/66 (2006.01) A61K 8/67 (2006.01) A61K 8/87 (2006.01) A61K 8/97 (2006.01) A61L 2/18 (2006.01) A61Q 19/10 (2006.01) C11D 7/26 (2006.01) C11D 7/32 (2006.01) C11D 17/08 (2006.01)**
[25] EN
[54] **HAND SANITIZERS WITH IMPROVED AESTHETICS AND SKIN-CONDITIONING TO ENCOURAGE COMPLIANCE WITH HAND HYGIENE GUIDELINES**
[54] **DESINFECTANTS POUR LES MAINS A CARACTERISTIQUES AMELIOREES DE L'ESTHETIQUE ET DE SOINS DE LA PEAU POUR ENCOURAGER LE RESPECT DES INSTRUCTIONS D'HYGIENE DES MAINS**
[72] COPELAND, AMANDA J., US
[72] TITTL, JESSICA RAE, US
[72] SAUD, ABEL, US
[71] GOJO INDUSTRIES, INC., US
[85] 2016-08-22
[86] 2015-03-13 (PCT/US2015/020481)
[87] (WO2015/138926)
[30] US (61/953,034) 2014-03-14

[21] **2,940,497**
[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 23/01 (2006.01) E21B 31/00 (2006.01)**
[25] EN
[54] **CONNECTION APPARATUS**
[54] **APPAREIL DE CONNEXION**
[72] MOYES, PETER, GB
[71] XTREME WELL TECHNOLOGY LIMITED, GB
[85] 2016-08-23
[86] 2015-02-19 (PCT/GB2015/050481)
[87] (WO2015/124933)
[30] GB (1403162.9) 2014-02-24

[21] **2,940,500**
[13] A1
[51] **Int.Cl. B05D 3/04 (2006.01) B01D 46/24 (2006.01) B01J 35/04 (2006.01) C04B 41/00 (2006.01) F01N 3/022 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **METHOD FOR COATING A FILTER SUBSTRATE**
[54] **PROCEDE DE REVETEMENT D'UN SUBSTRAT FILTRANT**
[72] ARULRAJ, KANESHALINGHAM, GB
[72] BHANTOO, JENITA, GB
[72] SAVAGE, JAMIE, GB
[72] SMITH, ANDREW, GB
[72] WANG, LIFENG, JP
[72] YOKOTA, DAISUKE, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2016-08-23
[86] 2015-03-24 (PCT/GB2015/050858)
[87] (WO2015/145122)
[30] GB (1405277.3) 2014-03-25

[21] **2,940,504**
[13] A1
[51] **Int.Cl. C07D 213/22 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MCL-1 MODULATING COMPOUNDS FOR CANCER TREATMENT**
[54] **COMPOSES MODULANT MCL-1 UTILISES DANS LE TRAITEMENT DU CANCER**
[72] POULAIN, LAURENT, FR
[72] VOISIN-CHIRET, ANNE-SOPHIE, FR
[72] SOPKOVA-DE OLIVEIRA SANTOS, JANA, FR
[72] BUREAU, RONAN, FR
[72] BURZICKI, GREGORY, FR
[72] DE GIORGI, MARCELLA, IT
[72] PERATO, SERGE, FR
[72] FOGHA, JADE, FR
[72] RAULT, SYLVAIN, FR
[72] JUIN, PHILIPPE, FR
[72] GAUTIER, FABIEN, FR
[71] CENTRE REGIONAL DE LUTTE CONTRE LE CANCER FRANCOIS BACLESSE, FR
[71] UNIVERSITE DE CAEN-BASSE NORMANDIE, FR
[71] INSTITUT DE CANCEROLOGIE DE L'OUEST RENE GAUDUCHEAU, FR
[85] 2016-08-23
[86] 2015-03-03 (PCT/IB2015/051553)
[87] (WO2015/132727)
[30] EP (14305309.8) 2014-03-04

[21] **2,940,505**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **HYBRIDOMA CELL LINES (MY-C-CC0C2-259-1 A4) AND USE THEREOF FOR PRODUCING A MONOCLONAL ANTIBODY AGAINST THE HUMAN CARDIAC MYOSIN BINDING PROTEIN C (C-PROTEIN, MYBPC3, CMYBP-C OR MY-C)**
[54] **HYBRIDOME (MY-C-CC0C2-259-1 A4) ET SON UTILISATION POUR PRODUIRE UN ANTICORPS MONOCLONAL DE LUTTE CONTRE LA PROTEINE C HUMAINE SPECIFIQUE DU COEUR, LIANT LA MYOSINE (PROTEINE C, MYBPC3, CMYBP-C OU MY-C)**
[72] WEBER, EKKEHARD, DE
[72] MEDEK, RITA, DE
[71] MARTIN-LUTHER-UNIVERSITAT HALLE-WITTENBERG, DE
[85] 2016-07-27
[86] 2015-01-23 (PCT/DE2015/000028)
[87] (WO2015/110114)
[30] DE (10 2014 000 856.8) 2014-01-27

[21] **2,940,510**
[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **IMPLANTABLE LAYERS COMPRISING A PRESSED REGION**
[54] **COUCHES IMPLANTABLES COMPORTANT UNE REGION COMPRIMEE**
[72] SCHELLIN, EMILY A., US
[72] VENDELY, MICHAEL J., US
[72] WEANER, LAUREN S., US
[72] ARONHALT, TAYLOR W., US
[71] ETHICON ENDO-SURGERY, LLC, US
[85] 2016-08-23
[86] 2015-02-10 (PCT/US2015/015099)
[87] (WO2015/126655)
[30] US (14/187,385) 2014-02-24

[21] **2,940,511**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) C12N 5/16 (2006.01) C12N 5/18 (2006.01) C12P 21/08 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **HYBRIDOMA CELL LINES (MY-C-CC0C2-235-3H8) AND USE THEREOF FOR PRODUCING A MONOCLONAL ANTIBODY AGAINST THE HUMAN CARDIAC MYOSIN BINDING PROTEIN C (C-PROTEIN, MYBPC3, CMYBP-C OR MY-C)**
[54] **HYBRIDOME (MY-C-CC0C2-235-3H8) ET SON UTILISATION POUR PRODUIRE UN ANTICORPS MONOCLONAL DE LUTTE CONTRE LA PROTEINE C HUMAINE SPECIFIQUE DU COEUR, LIANT LA MYOSINE (PROTEINE C, MYBPC3, CMYBP-C OU MY-C)**
[72] WEBER, EKKEHARD, DE
[72] MEDEK, RITA, DE
[71] MARTIN-LUTHER-UNIVERSITAT HALLE-WITTENBERG, DE
[85] 2016-07-27
[86] 2015-01-23 (PCT/DE2015/000029)
[87] (WO2015/110115)
[30] DE (10 2014 000 857.6) 2014-01-27

[21] **2,940,512**
[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **IMPLANTABLE LAYERS AND METHODS FOR MODIFYING THE SHAPE OF THE IMPLANTABLE LAYERS FOR USE WITH A SURGICAL FASTENING INSTRUMENT**
[54] **COUCHES IMPLANTABLES ET PROCEDES DE MODIFICATION DE LA FORME DESDITES COUCHES IMPLANTABLES A UTILISER AVEC UN INSTRUMENT DE FIXATION CHIRURGICALE**
[72] VENDELY, MICHAEL J., US
[72] TIMMER, MARK D., US
[72] DONNERS, JACKIE J., US
[72] REYNOLDS, DONALD L., II., US
[72] ARONHALT, TAYLOR W., US
[72] BARTON, TREVOR J., US
[71] ETHICON ENDO-SURGERY, LLC, US
[85] 2016-08-23
[86] 2015-02-10 (PCT/US2015/015103)
[87] (WO2015/126658)
[30] US (14/187,390) 2014-02-24

[21] **2,940,542**
[13] A1
[51] **Int.Cl. F16K 31/126 (2006.01)**
[25] EN
[54] **ACTUATOR APPARATUS WITH INTERNAL TUBING AND ANTI-ROTATION MECHANISM**
[54] **APPAREIL D'ACTIONNEUR DOTE DE TUBULURE INTERNE ET MECANISME ANTI-ROTATION**
[72] ARNOLD, DAVID ANTHONY, US
[72] ADAMS, DANIEL MARTIN, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-08-23
[86] 2015-02-25 (PCT/US2015/017415)
[87] (WO2015/130726)
[30] US (14/189,627) 2014-02-25

[21] **2,940,547**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) A61K 39/108 (2006.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 2/00 (2006.01) C07K 14/195 (2006.01) C07K 14/21 (2006.01) C07K 14/245 (2006.01) C12N 1/20 (2006.01) C12N 9/00 (2006.01) C12N 15/52 (2006.01) C12P 19/04 (2006.01) C12P 21/00 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **NOVEL POLYSACCHARIDE AND USES THEREOF**
[54] **NOUVEAU POLYSACCHARIDE ET UTILISATIONS ASSOCIEES**
[72] KOWARIK, MICHAEL T., CH
[72] WETTER, MICHAEL L., CH
[72] KEMMLER, STEFAN J., CH
[72] HAUPTLE, MICHA A., CH
[72] GAMBILLARA, VERONICA, CH
[72] MALLY, MANUELA, CH
[71] GLYCOVAXYN AG, CH
[85] 2016-08-24
[86] 2015-02-23 (PCT/EP2015/053739)
[87] (WO2015/124769)
[30] US (61/943,710) 2014-02-24

[21] **2,940,563**
[13] A1
[51] **Int.Cl. C25D 11/26 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **PROTECTIVE EDGE FOR A BLADE AND METHOD OF MANUFACTURING SAID EDGE**
[54] **BORD DE PROTECTION D'AUBE ET SON PROCEDE DE FABRICATION**
[72] COTINOT, JEREMIE CHRISTIAN ANDRE, FR
[72] VIOLA, ALAIN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-08-24
[86] 2015-02-24 (PCT/FR2015/050439)
[87] (WO2015/128575)
[30] FR (1451482) 2014-02-25

[21] **2,940,565**
[13] A1
[51] **Int.Cl. B29C 70/24 (2006.01) F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] FR
[54] **STATOR SECTION FOR A TURBOMACHINE AND METHOD FOR PRODUCING THE SAME**
[54] **SECTEUR DE STATOR POUR TURBOMACHINE ET SON PROCEDE DE FABRICATION**
[72] FREMONT, ERIC, FR
[71] HERAKLES, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-08-24
[86] 2015-03-03 (PCT/FR2015/050512)
[87] (WO2015/132523)
[30] FR (1451824) 2014-03-06

[21] **2,940,566**
[13] A1
[51] **Int.Cl. C08B 30/04 (2006.01) A61K 31/718 (2006.01) C08B 30/18 (2006.01)**
[25] FR
[54] **OPTIMIZED METHOD FOR DECONTAMINATING PRODUCTION OF GLUCOSE POLYMERS AND GLUCOSE POLYMER HYDROLYSATES**
[54] **PROCEDE OPTIMISE DE DECONTAMINATION DE PRODUCTION DE POLYMERES DE GLUCOSE ET D'HYDROLYSATS DE POLYMERES DE GLUCOSE**
[72] LANOS, PIERRE, FR
[72] DUVET, SOPHIE, FR
[72] DUPONT, THIERRY, FR
[72] ALLAIN, FABRICE, FR
[72] CARPENTIER, MATHIEU, FR
[72] DENYS, AGNES, FR
[72] HACINE-GHERBI, HELA, FR
[71] ROQUETTE FRERES, FR
[85] 2016-08-24
[86] 2015-03-20 (PCT/FR2015/050706)
[87] (WO2015/140477)
[30] FR (14 52354) 2014-03-21

[21] **2,940,571**
[13] A1
[51] **Int.Cl. C04B 7/43 (2006.01) F27B 7/20 (2006.01) F27B 15/00 (2006.01) F27D 13/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PRE-HEATING CEMENT RAW MEAL FOR CEMENT CLINKER PRODUCTION**
[54] **DISPOSITIF DE PRECHAUFFAGE DE FARINE CRUE DE CIMENT POUR LA PRODUCTION DE CLINKER**
[72] GASSER, URS, CH
[71] HOLCIM TECHNOLOGY LTD, CH
[85] 2016-08-24
[86] 2015-02-17 (PCT/IB2015/000174)
[87] (WO2015/128714)
[30] AT (A 129/2014) 2014-02-25

[21] **2,940,580**
[13] A1
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/15 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **ACCESSORY FOR OSTEOTOMY**
[54] **ACCESSOIRE D'OSTEOTOMIE**
[72] VERSTREKEN, FREDERIK MARIE ANDRE JOZEF, BE
[72] DEKLERCK, XAVIER MARTIN YVES, BE
[71] BIOMET MANUFACTURING, LLC, US
[85] 2016-08-25
[86] 2015-02-16 (PCT/BE2015/000004)
[87] (WO2015/127515)
[30] BE (2014/0125) 2014-02-26

[21] **2,940,581**
[13] A1
[51] **Int.Cl. B29D 11/00 (2006.01) G02B 1/04 (2006.01) G02B 1/10 (2015.01) G02C 7/04 (2006.01)**
[25] EN
[54] **OPHTHALMIC LENSES WITH OXYGEN-GENERATING ELEMENTS THEREIN**
[54] **LENTILLES OPHTALMIQUES CONTENANT DES ELEMENTS DE PRODUCTION D'OXYGENE**
[72] CLARKE, ROGER BRIAN MINCHIN, GB
[71] NOVARTIS AG, CH
[85] 2016-08-24
[86] 2015-04-07 (PCT/EP2015/057486)
[87] (WO2015/155171)
[30] US (61/976,851) 2014-04-08

[21] **2,940,582**
[13] A1
[51] **Int.Cl. C22C 38/50 (2006.01) C21D 8/10 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) C22C 38/48 (2006.01)**
[25] EN
[54] **MARTENSITIC-FERRITIC STAINLESS STEEL, MANUFACTURED PRODUCT AND PROCESSES USING THE SAME**
[54] **ACIER INOXYDABLE MARTENSITIQUE-FERRITIQUE ET PRODUIT MANUFACTURE ET PROCEDES L' UTILISANT**
[72] DE CARVALHO, RICARDO NOLASCO, BR
[72] FERREIRA, MARCELO ALMEIDA CUNHA, BR
[72] DE LIMA, MARILIA MENDONCA, BR
[72] MESQUITA, RAFAEL AGNELLI, BR
[72] FARINA, ALEXANDRE BELLEGARD, BR
[72] LIBERTO, RODRIGO CESAR NASCIMENTO, BR
[71] VALLOUREC TUBOS DO BRASIL S.A., BR
[85] 2016-08-25
[86] 2015-02-25 (PCT/BR2015/050016)
[87] (WO2015/127523)
[30] BR (BR102014005015-9) 2014-02-28

[21] **2,940,585**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **DIFFERENTIAL DIAGNOSIS OF ECZEMA AND PSORIASIS**
[54] **DIAGNOSTIC DIFFERENTIEL DE L'ECZEMA ET DU PSORIASIS**
[72] EYERICH, KILIAN, DE
[72] SCHMIDT-WEBER, CARSTEN, DE
[72] KNAPP, BETTINA, DE
[71] HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
[71] KLINIKUM RECHTS DER ISAR DER TECHNISCHEN UNIVERSITAT MUNCHEN, DE
[85] 2016-08-24
[86] 2015-04-15 (PCT/EP2015/058149)
[87] (WO2015/158765)
[30] EP (14164807.1) 2014-04-15

[21] **2,940,598**
[13] A1
[51] **Int.Cl. H01M 10/0562 (2010.01) C25B 13/04 (2006.01) H01G 4/06 (2006.01) H01M 16/00 (2006.01) H01G 11/56 (2013.01)**
[25] EN
[54] **A SOLID ELECTROLYTE GLASS FOR LITHIUM OR SODIUM IONS CONDUCTION**
[54] **VERRE D'ELECTROLYTE SOLIDE POUR CONDUCTION D'IONS DE LITHIUM OU DE SODIUM**
[72] SOUSA SOARES DE OLIVEIRA BRAGA, MARIA HELENA, PT
[72] DO AMARAL FERREIRA, JOSE JORGE, PT
[71] UNIVERSIDADE DO PORTO, PT
[71] LABORATORIO NACIONAL DE ENERGIA E GEOLOGIA, PT
[85] 2016-08-24
[86] 2015-02-26 (PCT/IB2015/051440)
[87] (WO2015/128834)
[30] PT (107482) 2014-02-26

[21] **2,940,625**
[13] A1
[51] **Int.Cl. C11D 1/72 (2006.01) C11D 3/04 (2006.01) C11D 3/50 (2006.01) C11D 11/00 (2006.01)**
[25] EN
[54] **SANITARY CLEANER**
[54] **NETTOYANT SANITAIRE**
[72] SCHWERTER, ANDREA, DE
[72] HANSEN, THOMAS, DE
[71] ECOLAB USA INC., US
[85] 2016-08-24
[86] 2014-02-25 (PCT/EP2014/053638)
[87] (WO2015/127962)

[21] **2,940,629**
[13] A1
[51] **Int.Cl. B01J 20/32 (2006.01) B01J 20/10 (2006.01) B01J 20/28 (2006.01) C02F 1/28 (2006.01) C09K 3/18 (2006.01)**
[25] EN
[54] **NANOSTRUCTURED SAND, METHOD OF MANUFACTURING NANOSTRUCTURED SAND, METHOD OF SEPARATING A CONTAMINANT-WATER MIXTURE WITH THE NANOSTRUCTURED SAND, FURTHER USES**
[54] **SABLE NANOSTRUCTURE, PROCEDE DE PRODUCTION DE SABLE NANOSTRUCTURE, PROCEDE DE SEPARATION D'UN MELANGE CONTAMINANTS-EAU AU MOYEN DU SABLE NANOSTRUCTURE, ET UTILISATIONS SUPPLEMENTAIRES**
[72] SCHNEIDER, JURGEN, DE
[71] SCHNEIDER, UTE MARGITTA, DE
[85] 2016-08-24
[86] 2014-08-25 (PCT/EP2014/067995)
[87] (WO2015/128010)
[30] DE (10 2014 102 468.0) 2014-02-25
[30] DE (10 2014 103 530.5) 2014-03-14

[21] **2,940,632**
[13] A1
[51] **Int.Cl. A61K 38/14 (2006.01) A61K 9/00 (2006.01) A61K 31/575 (2006.01) A61K 38/12 (2006.01) A61K 47/12 (2006.01) A61K 47/14 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITION COMPRISING AN ANTIBACTERIAL AGENT**
[54] **COMPOSITION TOPIQUE COMPRENANT UN AGENT ANTIBACTERIEN**
[72] GREEN, DARREN M., GB
[72] WALTERS, KENNETH A., GB
[71] BUZZZ PHARMACEUTICALS LIMITED, IE
[85] 2016-08-24
[86] 2015-02-12 (PCT/EP2015/052998)
[87] (WO2015/121363)
[30] GB (1402448.3) 2014-02-12

[21] **2,940,662**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/10 (2016.01) A61B 1/05 (2006.01) G06T 7/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROJECTED TOOL TRAJECTORIES FOR SURGICAL NAVIGATION SYSTEMS**
[54] **SYSTEME ET PROCEDE POUR TRAJECTOIRES D'OUTIL PROJETEES POUR SYSTEMES DE NAVIGATION CHIRURGICALE**
[72] JAGGA, VICTOR, CA
[72] WOOD, MICHAEL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2016-08-25
[86] 2014-08-12 (PCT/CA2014/050767)
[87] (WO2015/135055)
[30] CA (PCT/CA2014/050266) 2014-03-14

[21] **2,940,665**
[13] A1
[51] **Int.Cl. C08G 69/16 (2006.01) C08G 69/46 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A POLYAMIDE**
[54] **PROCEDE DE PRODUCTION D'UN POLYAMIDE**
[72] GRANT, WILLIAM E., US
[72] SWANNER, GLENN B., US
[72] NOON, ERIC S., US
[72] ORTIZ, CESAR G., DE
[72] FLACK, JOSEPH T., US
[72] GRUETZNER, ROLF-EGBERT, DE
[71] BASF SE, DE
[85] 2016-08-25
[86] 2015-04-09 (PCT/US2015/025139)
[87] (WO2015/160626)
[30] US (61/979,753) 2014-04-15

[21] **2,940,670**
[13] A1
[51] **Int.Cl. A61K 38/57 (2006.01) A61P 7/10 (2006.01)**
[25] EN
[54] **TREATMENT OF HEREDITARY ANGIOEDEMA WITH C1 INHIBITOR**
[54] **TRAITEMENT DE L'ANGIO-OEDEME HEREDITAIRE AVEC UN INHIBITEUR DE C1**
[72] TOTORITIS, MARK C., US
[71] SANTARUS, INC., US
[85] 2016-08-24
[86] 2015-02-27 (PCT/US2015/018187)
[87] (WO2015/131154)
[30] US (61/946,677) 2014-02-28

[21] **2,940,672**
[13] A1
[51] **Int.Cl. A61H 19/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR FLEXURAL ADULT DEVICES**
[54] **PROCEDES ET DISPOSITIFS POUR DISPOSITIFS A FLEXION POUR ADULTES**
[72] MASSEY, MATTHEW DOUGLAS, CA
[72] LEE, GARY CHI-WAI, CA
[71] MASSEY, MATTHEW DOUGLAS, CA
[85] 2015-12-10
[86] 2014-02-26 (PCT/CA2014/000142)
[87] (WO2014/131110)
[30] US (61/769,425) 2013-02-26

[21] **2,940,676**
[13] A1
[51] **Int.Cl. B21D 53/30 (2006.01) B21D 53/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING HOT-FORMED WHEEL DISKS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DES DISQUES DE ROUE FORMES A CHAUD**
[72] MARX, ARNDT, DE
[72] MULLER, CHRISTIAN, DE
[72] PIERONEK, DAVID, DE
[72] GRUNEKLEE, AXEL, DE
[72] ZORNACK, MARKUS, DE
[71] THYSSENKRUPP AG, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2016-05-26
[86] 2014-12-15 (PCT/EP2014/003355)
[87] (WO2015/090552)
[30] DE (10 2013 114 245.1) 2013-12-17

[21] **2,940,679**
[13] A1
[51] **Int.Cl. F04C 2/08 (2006.01) F04C 2/10 (2006.01) F04C 11/00 (2006.01) F04C 15/00 (2006.01) F04C 29/00 (2006.01)**
[25] EN
[54] **PUMP INTEGRATED WITH TWO INDEPENDENTLY DRIVEN PRIME MOVERS**
[54] **POMPE INTEGREE A DEUX APPAREILS MOTEURS ENTRAINES INDEPENDAMMENT**
[72] AFSHARI, THOMAS, US
[71] PROJECT PHOENIX, LLC, US
[85] 2016-08-24
[86] 2015-03-02 (PCT/US2015/018342)
[87] (WO2015/131196)
[30] US (61/946,374) 2014-02-28
[30] US (61/946,384) 2014-02-28
[30] US (61/946,395) 2014-02-28
[30] US (61/946,405) 2014-02-28
[30] US (61/946,422) 2014-02-28
[30] US (61/946,433) 2014-02-28

[21] **2,940,680**
[13] A1
[51] **Int.Cl. A24B 15/26 (2006.01)**
[25] EN
[54] **EXTRACTION METHOD OF FLAVOR CONSTITUENT AND MANUFACTURING MEHTOD OF COMPOSITION ELEMENT OF FAVORITE ITEM**
[54] **PROCEDE D'EXTRACTION DE COMPOSANT D'AROME A FUMER ET PROCEDE DE FABRICATION DE COMPOSANT-CONSTITUANT DE PRODUIT ALIMENTAIRE DE LUXE**
[72] FUJISAWA, YOSHINORI, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
[85] 2016-08-24
[86] 2015-02-24 (PCT/JP2015/055208)
[87] (WO2015/129679)
[30] JP (2014-035429) 2014-02-26

[21] **2,940,688**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS ASSOCIATED WITH SOYBEAN REPRODUCTIVE GROWTH AND METHODS OF USE**
[54] **COMPOSITIONS ASSOCIEES A LA CROISSANCE REPRODUCTIVE DE SOJA ET PROCEDES D'UTILISATION**
[72] HANSON, SARA ELIZABETH, US
[72] KUHLMAN, LESLIE CHARLES, US
[72] KYLE, DONALD, US
[72] RIES, LANDON LINN, US
[72] SPEAR, JORDAN, US
[72] WOODWARD, JOHN BRYAN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2016-08-24
[86] 2015-03-11 (PCT/US2015/019917)
[87] (WO2015/179004)
[30] US (61/952,526) 2014-03-13

[21] **2,940,690**
[13] A1
[51] **Int.Cl. A24B 15/26 (2006.01)**
[25] EN
[54] **EXTRACTION METHOD OF FLAVOR CONSTITUENT AND MANUFACTURING METHOD FO COMPOSITION ELEMENT OF FAVORITE ITEM**
[54] **PROCEDE D'EXTRACTION D'UN COMPOSANT D'AROME A FUMER ET PROCEDE DE FABRICATION DE CONSTITUANTS-COMPOSANTS D'ARTICLES ALIMENTAIRES DE LUXE**
[72] FUJISAWA, YOSHINORI, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
[85] 2016-08-24
[86] 2015-02-24 (PCT/JP2015/055209)
[87] (WO2015/129680)
[30] JP (2014-035438) 2014-02-26

[21] **2,940,699**
[13] A1
[51] **Int.Cl. B01D 65/02 (2006.01) B01F 3/04 (2006.01) B01F 5/00 (2006.01)**
[25] EN
[54] **INTERMITTENT-BUBBLING EQUIPMENT**
[54] **DISPOSITIF DE GENERATION DE BULLES INTERMITTENT**
[72] TANAKA, HIROMU, JP
[72] MORITA, TORU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2016-08-24
[86] 2015-03-12 (PCT/JP2015/057338)
[87] (WO2015/146611)
[30] JP (2014-062810) 2014-03-25

[21] **2,940,700**
[13] A1
[51] **Int.Cl. H04L 27/26 (2006.01) H03M 13/27 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **SIGNAL MULTIPLEXING DEVICE AND SIGNAL MULTIPLEXING METHOD USING LAYERED DIVISION MULTIPLEXING**
[54] **DISPOSITIF DE MULTIPLEXAGE DE SIGNAUX ET PROCEDE DE MULTIPLEXAGE DE SIGNAUX UTILISANT UN MULTIPLEXAGE PAR REPARTITION EN COUCHES**
[72] PARK, SUNG-IK, KR
[72] LEE, JAE-YOUNG, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[85] 2016-08-24
[86] 2015-02-25 (PCT/KR2015/001817)
[87] (WO2015/130077)
[30] KR (10-2014-0021978) 2014-02-25
[30] KR (10-2015-0026040) 2015-02-24

[21] **2,940,702**
[13] A1
[51] **Int.Cl. A23L 33/105 (2016.01) A23K 20/00 (2016.01) A23L 27/10 (2016.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01) A61K 36/61 (2006.01) A61K 36/82 (2006.01) A61K 36/9066 (2006.01) A61K 36/9068 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **SUPPLEMENTAL FOOD**
[54] **COMPLEMENT ALIMENTAIRE**
[72] TOOMEY, JENNIFER MARIE, US
[72] RIGBY, GRAHAM ROBERT, US
[72] SCHULICK, PAUL, US
[71] NEW CHAPTER, INC., US
[85] 2016-08-25
[86] 2015-03-13 (PCT/US2015/020416)
[87] (WO2015/138877)
[30] US (61/953,105) 2014-03-14

[21] **2,940,729**
[13] A1
[51] **Int.Cl. E21B 37/02 (2006.01) E21B 23/00 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **TOOL FOR INTERNAL CLEANING OF A TUBING OR CASING**
[54] **OUTIL PERMETTANT UN NETTOYAGE INTERNE D'UNE COLONNE DE PRODUCTION OU D'UN TUBAGE**
[72] HAUGLAND, LASSE, NO
[72] TOGE, GUNN ELIN, NO
[71] QINTERRA TECHNOLOGIES AS, NO
[85] 2016-08-24
[86] 2015-02-18 (PCT/NO2015/050035)
[87] (WO2015/137819)
[30] NO (20140313) 2014-03-11

[21] **2,940,739**
[13] A1
[51] **Int.Cl. F42B 12/28 (2006.01) F42B 12/22 (2006.01) F42B 12/24 (2006.01)**
[25] EN
[54] **PROJECTILE**
[54] **PROJECTILE**
[72] PICHLER, PETER, AT
[72] MULLER, CHRISTIAN, AT
[72] EMSENHUBER, MARTIN, AT
[72] MAYER, BERNHARD, AT
[71] HIRTENBERGER DEFENCE SYSTEMS GMBH & CO KG, AT
[85] 2016-08-25
[86] 2015-03-10 (PCT/AT2015/050062)
[87] (WO2015/135013)
[30] AT (A 50190/2014) 2014-03-14

[21] **2,940,753**
[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/06 (2006.01) A47J 31/18 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **METHOD, INFUSION CONTAINER, AND PREPARATION DEVICE FOR PREPARING AN INFUSION BEVERAGE**
[54] **PROCEDE, RECIPIENT D'INFUSION ET DISPOSITIF DE PREPARATION D'UNE BOISSON PAR INFUSION**
[72] DEL BON, ROBERTO, CH
[72] DEL BON, FRANCO, CH
[72] WUST, THEODOR, CH
[72] ANDERSON, MARK, CH
[72] DEJAKUM, ROGER, CH
[72] KELLER, DANIEL F., CH
[72] LOCHER, CHRISTIAN, CH
[71] ARCO DESIGN GMBH, CH
[85] 2016-08-25
[86] 2015-03-19 (PCT/CH2015/000045)
[87] (WO2015/139150)
[30] CH (436/14) 2014-03-21

[21] **2,940,767**
[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **UNDERGROUND SECURING SYSTEM COMPRISING A ROCK BOLT THAT INCLUDES AN ATTACHMENT DEVICE**
[54] **SYSTEME DE FIXATION SOUS TERRE COMPRENANT UN BOULON D'ANCRAGE A DISPOSITIF D'ARRET**
[72] SIELING, WOLFGANG, DE
[72] RADICK, JURGEN, DE
[71] K+S KALI GMBH, DE
[85] 2016-08-25
[86] 2015-02-25 (PCT/DE2015/000091)
[87] (WO2015/127922)
[30] DE (10 2014 002 566.7) 2014-02-26

[21] **2,940,845**
[13] A1
[51] **Int.Cl. C07C 311/04 (2006.01) A61K 31/18 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07C 311/48 (2006.01)**
[25] EN
[54] **SULFONAMIDE AND SULFINAMIDE PRODRUGS OF FUMARATES AND THEIR USE IN TREATING VARIOUS DISEASES**
[54] **SULFONAMIDE ET PROMEDICAMENTS DE FUMARATES DE SULFINAMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DE DIVERSES MALADIES**
[72] WYNN, THOMAS ANDREW, US
[72] HENCKEN, CHRISTOPHER P., US
[71] ALKERMES PHARMA IRELAND LIMITED, IE
[85] 2016-08-24
[86] 2015-02-24 (PCT/US2015/017322)
[87] (WO2015/127450)
[30] US (61/943,699) 2014-02-24

[21] **2,940,849**
[13] A1
[51] **Int.Cl. C08J 9/00 (2006.01) B29B 15/08 (2006.01) C01B 31/00 (2006.01) D01F 6/54 (2006.01) D01F 9/14 (2006.01) D01F 9/22 (2006.01)**
[25] EN
[54] **POROUS CARBON MATERIAL, COMPOSITE MATERIAL REINFORCED WITH CARBON MATERIAL, POROUS CARBON MATERIAL PRECURSOR, POROUS CARBON MATERIAL PRECURSOR PRODUCTION METHOD, AND POROUS CARBONMATERIAL PRODUCTION METHOD**
[54] **MATERIAU DE CARBONE POREUX AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI, MATERIAU COMPOSITE POUR RENFORCEMENT DE MATERIAU DE CARBONE, PRECURSEUR DE MATERIAU DE CARBONE POREUX AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI**
[72] MIHARA, TAKAAKI, JP
[72] TANAKA, KENTARO, JP
[72] TAKEUCHI, KOSAKU, JP
[72] HORIGUCHI, TOMOYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-08-24
[86] 2015-02-13 (PCT/JP2015/053972)
[87] (WO2015/129488)
[30] JP (2014-034901) 2014-02-26

[21] **2,940,856**
[13] A1
[51] **Int.Cl. H04W 8/26 (2009.01) H04W 88/16 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZED ROUTE MOBILITY MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE MOBILITE DE ROUTE OPTIMISEE**
[72] CHAN, HINGHUNG ANTHONY, US
[72] JOHN, KAIPPALLIMALIL MATHEW, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-08-26
[86] 2015-02-27 (PCT/CN2015/073372)
[87] (WO2015/127898)
[30] US (61/945,521) 2014-02-27
[30] US (14/631,928) 2015-02-26

[21] **2,940,861**
[13] A1
[51] **Int.Cl. C02F 9/14 (2006.01) C02F 3/32 (2006.01)**
[25] EN
[54] **SUPER-LARGE SCALE PHOTON CAPTURE BIOREACTOR FOR WATER PURIFICATION AND OPERATION METHOD THEREFOR**
[54] **BIOREACTEUR DE CAPTURE DE PHOTONS A SUPER-GRANDE ECHELLE POUR LA PURIFICATION DE L'EAU, ET PROCEDE DE FONCTIONNEMENT DE CELUI-CI**
[72] HU, JAMES Y., CN
[71] PHOTON ECO-CAPTURE PTY LTD., CN
[85] 2016-08-26
[86] 2015-02-28 (PCT/CN2015/073453)
[87] (WO2015/127904)
[30] CN (201410072754.8) 2014-02-28

[21] **2,940,863**
[13] A1
[51] **Int.Cl. F24J 2/46 (2006.01) F24J 2/06 (2006.01) H01L 31/042 (2014.01) H01L 31/052 (2014.01) H01L 31/18 (2006.01)**
[25] EN
[54] **DEVICE TO REGULATE THE RELATIVE HUMIDITY LEVEL IN A CPV MODULE**
[54] **DISPOSITIF POUR REGULER LE TAUX D'HUMIDITE RELATIVE DANS UN MODULE CPV**
[72] GOMBERT, ANDREAS, DE
[72] STOR, JAKOB, DE
[72] TALIERCIO, CECILE, DE
[71] SOITEC SOLAR GMBH, DE
[85] 2016-08-26
[86] 2014-02-12 (PCT/EP2014/000389)
[87] (WO2014/131492)
[30] FR (1351665) 2013-02-26

[21] **2,940,883**
[13] A1
[51] **Int.Cl. A61F 2/852 (2013.01) A61F 2/06 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **STENT ASSEMBLY FOR THORACOABDOMINAL BIFURCATED ANEURYSM REPAIR**
[54] **ENSEMBLE D'ENDOPROTHESE POUR LA REPARATION D'UN ANEVRISME BIFURQUE THORACO-ABDOMINAL**
[72] FRID, NOUREDDINE, BE
[71] CARDIATIS S.A., BE
[85] 2016-08-26
[86] 2015-03-05 (PCT/EP2015/054583)
[87] (WO2015/132329)
[30] EP (14157770.0) 2014-03-05

[21] **2,940,890**
[13] A1
[51] **Int.Cl. E02D 7/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DRIVING SCREWABLE FOUNDATIONS INTO THE GROUND**
[54] **PROCEDE ET DISPOSITIF D'INTRODUCTION DANS LE SOL D'UNE BASE FILETEE**
[72] THURNER, GUNTHER, DE
[72] THURNER, MARTIN, DE
[71] KRINNER INNOVATION GMBH, DE
[85] 2016-08-26
[86] 2014-12-30 (PCT/EP2014/079450)
[87] (WO2015/128048)
[30] DE (10 2014 002 986.7) 2014-02-28

[21] **2,940,894**
[13] A1
[51] **Int.Cl. G01N 21/94 (2006.01) B08B 9/46 (2006.01) G01N 21/00 (2006.01) G01N 21/88 (2006.01) G01N 21/91 (2006.01)**
[25] EN
[54] **INDUSTRIAL CLEANLINESS MEASUREMENT METHODOLOGY**
[54] **METHODOLOGIE DE MESURE DE LA PROPRETE INDUSTRIELLE**
[72] CASSIN, STEVEN, CA
[72] GHERIANI, MYRIAM, CA
[72] IVANYSENKO, OLGA, CA
[72] LAPOINTE, PATRICK, CA
[72] VEZINA, NATHALIE, CA
[71] WALTER SURFACE TECHNOLOGIES INC., CA
[85] 2016-08-26
[86] 2015-02-27 (PCT/CA2015/000130)
[87] (WO2015/127547)
[30] US (61/945,566) 2014-02-27

[21] **2,940,897**
[13] A1
[51] **Int.Cl. C07D 235/04 (2006.01) A61K 31/165 (2006.01) A61K 31/40 (2006.01) A61K 31/404 (2006.01) A61K 31/4166 (2006.01) A61K 31/4184 (2006.01) A61K 31/4458 (2006.01) A61K 31/4465 (2006.01) A61K 31/454 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/498 (2006.01) A61K 31/5375 (2006.01) A61P 25/02 (2006.01) A61P 25/06 (2006.01) A61P 25/08 (2006.01) A61P 29/00 (2006.01) C07C 237/08 (2006.01) C07C 237/14 (2006.01) C07C 237/20 (2006.01) C07C 237/24 (2006.01) C07D 207/16 (2006.01) C07D 211/36 (2006.01) C07D 233/72 (2006.01) C07D 241/08 (2006.01) C07D 241/44 (2006.01) C07D 265/30 (2006.01) C07D 295/182 (2006.01) C07D 401/02 (2006.01) C07D 403/02 (2006.01)**
[25] EN
[54] **HETEROCYCLIC INHIBITORS OF THE SODIUM CHANNEL**
[54] **INHIBITEURS HETEROCYCLIQUES DU CANAL SODIQUE**
[72] PAJOUHESH, HASSAN, CA
[72] HOLLAND, RICHARD, CA
[72] ZHANG, LINGYUN, CA
[72] PAJOUHESH, HOSSEIN, CA
[72] LAMONTAGNE, JASON, CA
[72] WHELAN, BRENDAN, CA
[71] EPIRUS BIOPHARMACEUTICALS, INC., US
[85] 2016-08-26
[86] 2015-02-26 (PCT/CA2015/000132)
[87] (WO2015/127549)
[30] US (61/945,320) 2014-02-27

[21] **2,940,904**
[13] A1
[51] **Int.Cl. G01R 1/067 (2006.01)**
[25] EN
[54] **CONTACTING ASSEMBLY, IN PARTICULAR AN HF MEASURING TIP**
[54] **SYSTEME DE MISE EN CONTACT, EN PARTICULIER POINTE DE MESURE HF**
[72] NEUHAUSER, ROLAND, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2016-08-26
[86] 2015-01-13 (PCT/EP2015/000044)
[87] (WO2015/149893)
[30] DE (20 2014 002 841.9) 2014-04-01

[21] **2,940,907**
[13] A1
[51] **Int.Cl. F02B 43/00 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01) F02M 61/04 (2006.01)**
[25] EN
[54] **GASEOUS FUEL COMBUSTION APPARATUS FOR AN INTERNAL COMBUSTION ENGINE**
[54] **APPAREIL DE COMBUSTION DE CARBURANT GAZEUX POUR MOTEUR A COMBUSTION INTERNE**
[72] BEAZLEY, RODERICK C.S., US
[72] MILLWARD, PHILIP C., US
[72] TENNY, WILLIAM D., US
[71] WESTPORT POWER INC., CA
[85] 2016-08-26
[86] 2015-02-20 (PCT/CA2015/050133)
[87] (WO2015/127552)
[30] US (61/945,091) 2014-02-26

[21] **2,940,908**
[13] A1
[51] **Int.Cl. G06F 19/12 (2011.01) G06F 19/10 (2011.01) G06F 19/18 (2011.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT AND PREVENTION OF ANTIPSYCHOTIC MEDICATION-INDUCED WEIGHT GAIN**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT LE TRAITEMENT ET LA PREVENTION DE PRISE DE POIDS INDUITE PAR UN MEDICAMENT ANTIPSYCHOTIQUE**
[72] BRANDL, EVA J., CA
[72] CHOWDHURY, NABILAH I., CA
[72] GONCALVES, VANESSA F., CA
[72] KENNEDY, JAMES L., CA
[72] MUELLER, DANIEL J., CA
[72] POUGET, JENNIE G., CA
[72] TIWARI, ARUN K., CA
[72] ZAI, CLEMENT C., CA
[71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA
[85] 2016-08-26
[86] 2015-02-27 (PCT/CA2015/050145)
[87] (WO2015/127557)
[30] US (61/946,003) 2014-02-28
[30] US (62/056,250) 2014-09-26
[30] US (62/059,358) 2014-10-03

[21] **2,940,909**
[13] A1
[51] **Int.Cl. G06F 9/455 (2006.01) G06F 9/46 (2006.01)**
[25] EN
[54] **MANAGING PROCESSING ASSOCIATED WITH SELECTED ARCHITECTURAL FACILITIES**
[54] **GESTION D'UN TRAITEMENT ASSOCIE A DES FONCTIONNALITES D'ARCHITECTURE SELECTIONNEES**
[72] GSCHWIND, MICHAEL KARL, US
[72] GAINEY, CHARLES (DECEASED), US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2016-08-26
[86] 2015-03-09 (PCT/EP2015/054841)
[87] (WO2015/139988)
[30] US (14/217,824) 2014-03-18
[30] US (14/554,675) 2014-11-26

[21] **2,940,911**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/30 (2006.01)**
[25] EN
[54] **ARCHITECTURAL MODE CONFIGURATION IN A COMPUTING SYSTEM**
[54] **CONFIGURATION DE MODE ARCHITECTURAL DANS UN SYSTEME INFORMATIQUE**
[72] GSCHWIND, MICHAEL KARL, US
[72] GAINEY, CHARLES, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2016-08-26
[86] 2015-03-09 (PCT/EP2015/054850)
[87] (WO2015/139992)
[30] US (14/217,840) 2014-03-18
[30] US (14/554,806) 2014-11-26

[21] **2,940,914**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **SOLUBLE AXL RECEPTOR TYROSINE KINASE IN THE DIAGNOSIS OF CANCER**
[54] **UTILISATION DE L'AXL SOLUBLE, UNE TYROSINE KINASE DES RECEPTEURS, DANS LE DIAGNOSTIC DU CANCER**
[72] MIKULITS, WOLFGANG, AT
[72] REICHL, PATRICK, AT
[71] MEDIZINISCHE UNIVERSITAT WIEN, AT
[85] 2016-08-26
[86] 2015-03-18 (PCT/EP2015/055724)
[87] (WO2015/140231)
[30] EP (14160589.9) 2014-03-18

[21] **2,940,915**
[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01) G06F 12/0815 (2016.01)**
[25] EN
[54] **COHERENCE PROTOCOL AUGMENTATION TO INDICATE TRANSACTION STATUS**
[54] **ENRICHISSEMENT D'UN PROTOCOLE DE COHERENCE POUR INDIQUER UN ETAT DE TRANSACTION**
[72] SCHWARZ, ERIC MARK, US
[72] BUSABA, FADI YUSUF, US
[72] GSCHWIND, MICHAEL KARL, US
[72] SLEGEL, TIMOTHY, US
[72] SALAPURA, VALENTINA, US
[72] JACOBI, CHRISTIAN, US
[72] CAIN, HAROLD WADE, III, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2016-08-26
[86] 2015-03-11 (PCT/EP2015/055019)
[87] (WO2015/135967)
[30] US (14/212,217) 2014-03-14

[21] **2,940,923**
[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/455 (2006.01)**
[25] EN
[54] **DISPATCHING MULTIPLE THREADS IN A COMPUTER**
[54] **REPARTITION DE MULTIPLES FILS DANS UN ORDINATEUR**
[72] HELLER, LISA CRANTON, US
[72] BUSABA, FADI YUSUF, US
[72] FARRELL, MARK, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2016-08-26
[86] 2015-03-20 (PCT/EP2015/055942)
[87] (WO2015/144585)
[30] US (14/226,955) 2014-03-27

[21] **2,940,990**
[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01)**
[25] EN
[54] **ADDRESS EXPANSION AND CONTRACTION IN A MULTITHREADING COMPUTER SYSTEM**
[54] **EXPANSION ET CONTRACTION D'ADRESSE DANS UN SYSTEME INFORMATIQUE MULTIFIL**
[72] GREINER, DAN, US
[72] FARRELL, MARK, US
[72] OSISEK, DAMIAN LEO, US
[72] SCHMIDT, DONALD WILLIAM, US
[72] BUSABA, FADI YUSUF, US
[72] KUBALA, JEFFREY PAUL, US
[72] BRADBURY, JONATHAN DAVID, US
[72] HELLER, LISA CRANTON, US
[72] SLEGEL, TIMOTHY, US
[72] GAINEY, CHARLES, JR. (DECEASED), US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2016-08-26
[86] 2015-03-16 (PCT/EP2015/055447)
[87] (WO2015/144479)
[30] US (14/226,947) 2014-03-27

[21] **2,941,011**
[13] A1
[51] **Int.Cl. C23F 11/00 (2006.01)**
[25] EN
[54] **DIMERCAPTOTHIADIAZOLES TO PREVENT CORROSION OF MILD STEEL BY ACID GASES IN OIL AND GAS PRODUCTS**
[54] **DIMERCAPTOTHIADIAZOLES POUR EMPECHER LA CORROSION D'ACIER DOUX PAR DES GAZ ACIDES DANS DES PRODUITS DE PETROLE ET DE GAZ**
[72] RAMACHANDRAN, SUNDER, US
[72] JOVANCICEVIC, VLADIMIR, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-08-26
[86] 2015-03-13 (PCT/US2015/020351)
[87] (WO2015/142633)
[30] US (61/954,932) 2014-03-18
[30] US (14/645,604) 2015-03-12

[21] **2,941,012**
[13] A1
[51] **Int.Cl. G01N 17/00 (2006.01) G01L 13/02 (2006.01) G01L 9/02 (2006.01) G01L 9/12 (2006.01)**
[25] EN
[54] **CORROSION RATE MEASUREMENT**
[54] **MESURE DU TAUX DE CORROSION**
[72] HEDTKE, ROBERT C., US
[72] SITTLER, FRED C., US
[72] WILLCOX, CHARLES R., US
[71] ROSEMOUNT INC., US
[85] 2016-08-26
[86] 2015-03-13 (PCT/US2015/020354)
[87] (WO2015/138843)
[30] US (61/953,173) 2014-03-14

[21] **2,941,018**
[13] A1
[51] **Int.Cl. C08L 77/00 (2006.01) B29C 47/20 (2006.01) B29C 47/38 (2006.01) F16L 11/04 (2006.01)**
[25] EN
[54] **MOLDED BODY AND MANUFACTURING METHOD THEREOF**
[54] **CORPS MOULE ET SON PROCEDE DE FABRICATION**
[72] SATO, KAZUYA, JP
[72] KATO, TOMONORI, JP
[72] KIKUCHI, MAYUMI, JP
[72] KOBAYASHI, MASAYUKI, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2016-08-26
[86] 2015-03-13 (PCT/JP2015/057597)
[87] (WO2015/156086)
[30] JP (2014-081426) 2014-04-10

[21] **2,941,019**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/64 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF GRAPIPRANT**
[54] **FORMES CRISTALLINES DE GRAPIPRANT**
[72] NEWBOLD, TAMARA, US
[72] SMITH, MELISSA, US
[72] SEEKAMP, CHRIS, US
[72] WENSLOW, ROBERT, US
[72] LU, XIA, CN
[71] ARATANA THERAPEUTICS, INC., US
[85] 2016-08-26
[86] 2015-03-05 (PCT/US2015/019043)
[87] (WO2015/134797)
[30] US (61/949,006) 2014-03-06
[30] US (61/996,961) 2014-07-30

[21] **2,941,022**
[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01) B01D 53/06 (2006.01) B01D 53/62 (2006.01) B01D 53/81 (2006.01) B01D 53/82 (2006.01) B01D 53/96 (2006.01) B01J 20/04 (2006.01) B01J 20/06 (2006.01) B01J 20/08 (2006.01) B01J 20/10 (2006.01) B01J 20/18 (2006.01) B01J 20/20 (2006.01)**
[25] EN
[54] **CO2 REMOVAL DEVICE**
[54] **DISPOSITIF D'ELIMINATION DE CO2**
[72] YOSHIKAWA, KOUHEI, JP
[72] KANEEDA, MASATO, JP
[72] NAKAMURA, HIDEHIRO, JP
[72] SHIRASAKA, TOSHIAKI, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2016-08-26
[86] 2015-07-08 (PCT/JP2015/069584)
[87] (WO2016/006620)
[30] JP (2014-141002) 2014-07-09

[21] **2,941,054**
[13] A1
[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/70 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **EXPANDABLE SPINAL INTERBODY FUSION DEVICE**
[54] **ARTHRODESE INTERSOMATIQUE DU RACHIS DILATABLE**
[72] MCLEAN, SCOTT, US
[71] SPINE WAVE, INC., US
[85] 2016-09-01
[86] 2015-02-19 (PCT/US2015/016557)
[87] (WO2015/134195)
[30] US (61/948,645) 2014-03-06
[30] US (14/474,555) 2014-09-02

[21] **2,941,055**
[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/70 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **INSERTER FOR AN EXPANDABLE SPINAL INTERBODY FUSION DEVICE**
[54] **DISPOSITIF D'INSERTION POUR APPAREIL EXTENSIBLE DE FUSION ENTRE DES CORPS**
[72] MCLEAN, SCOTT, US
[72] CULLINAN, NICOLA, US
[72] BOISVERT, DAVID, US
[71] SPINE WAVE, INC., US
[85] 2016-09-02
[86] 2015-02-19 (PCT/US2015/016574)
[87] (WO2015/134196)
[30] US (61/948,660) 2014-03-06
[30] US (14/474,721) 2014-09-02

[21] **2,941,059**
[13] A1
[51] **Int.Cl. B65G 47/14 (2006.01) B65G 47/256 (2006.01)**
[25] FR
[54] **METHOD AND INSTALLATION FOR ORIENTED FEED OF BLANKS**
[54] **PROCEDE ET INSTALLATION DE FOURNITURE ORIENTEE DE FLANS**
[72] GUILLEMENET, JEROME, FR
[72] PAGNAC, MICHEL, FR
[72] SAIGNES, FREDERIC, FR
[72] CUREAU, YANN, FR
[71] LA MONNAIE DE PARIS, FR
[85] 2016-08-29
[86] 2015-03-03 (PCT/FR2015/050518)
[87] (WO2015/132525)
[30] FR (14 51701) 2014-03-03

[21] **2,941,060**
[13] A1
[51] **Int.Cl. F28D 21/00 (2006.01) F24D 17/00 (2006.01) E03C 1/00 (2006.01) F03B 13/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR RECOVERING HEAT FROM HEATED WASTE WATER**
[54] **APPAREIL PERMETTANT DE RECUPERER LA CHALEUR A PARTIR D'EAUX USEES CHAUFFEES**
[72] SINGH, GURCHARN, GB
[71] S.R. OF N.E. LIMITED, GB
[85] 2016-08-29
[86] 2015-03-05 (PCT/GB2015/000081)
[87] (WO2015/136233)
[30] GB (1404241.0) 2014-03-10

[21] **2,941,061**
[13] A1
[51] **Int.Cl. C09K 8/524 (2006.01) C09K 8/528 (2006.01)**
[25] EN
[54] **METHOD FOR TREATMENT OF UNDERGROUND RESERVOIRS**
[54] **PROCEDE DE TRAITEMENT DE RESERVOIRS SOUTERRAINS**
[72] HARRIS, RALPH EDMUND, GB
[71] CLEANSORB LIMITED, GB
[85] 2016-08-29
[86] 2015-03-02 (PCT/GB2015/050598)
[87] (WO2015/132570)
[30] GB (1403795.6) 2014-03-04

[21] **2,941,064**
[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) B65F 1/08 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **WASTE MANAGEMENT DEPOSIT AND COMPACTION STATION WITH WIRELESS CAPABILITY**
[54] **DEPOT DE GESTION DES DECHETS ET STATION DE COMPACTAGE A CAPACITE SANS FIL**
[72] JENKINS, GRANT, US
[72] KRIGGER, TERRILL, US
[71] ICAN LLC, US
[85] 2016-08-17
[86] 2015-02-25 (PCT/US2015/017455)
[87] (WO2015/130747)
[30] US (61/944,281) 2014-02-25

[21] **2,941,069**
[13] A1
[51] **Int.Cl. C12N 9/36 (2006.01) C07K 1/13 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **CYCLOPROPENE AMINO ACIDS AND METHODS**
[54] **ACIDES AMINES DE CYCLOPROPENE ET PROCEDES**
[72] ELLIOTT, THOMAS, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2016-08-29
[86] 2015-03-10 (PCT/GB2015/050694)
[87] (WO2015/136265)
[30] GB (1404569.4) 2014-03-14

[21] **2,941,072**
[13] A1
[51] **Int.Cl. A61K 47/48 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS RELATED TO ENGINEERED FC CONSTRUCTS**
[54] **COMPOSITIONS ET PROCEDES SE RAPPORTANT A DES CONSTRUCTIONS FC GENETIQUEMENT MODIFIEES**
[72] BOSQUES, CARLOS J., US
[72] HUSTON, JAMES S., US
[72] LANSING, JONATHAN C., US
[72] LING, LEONA E., US
[72] MEADOR, JAMES, III, US
[72] ORTIZ, DANIEL, US
[72] RUTITZKY, LAURA, US
[72] SCHULTES, BIRGIT C., US
[71] MOMENTA PHARMACEUTICALS, INC., US
[85] 2016-08-26
[86] 2015-05-01 (PCT/US2015/028926)
[87] (WO2015/168643)
[30] US (61/987,863) 2014-05-02
[30] US (62/081,923) 2014-11-19

[21] **2,941,078**
[13] A1
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 17/3209 (2006.01)**
[25] EN
[54] **A BLOCKING MECHANISM FOR A PATIENT'S SKIN INCISION DEVICE AND A METHOD OF CONTROLLING OF A SKIN INCISION DEVICE BY A BLOCKING MECHANISM**
[54] **MECANISME DE BLOCAGE POUR UN DISPOSITIF D'INCISION DE LA PEAU D'UN PATIENT ET PROCEDE DE COMMANDE D'UN DISPOSITIF D'INCISION DE LA PEAU PAR UN MECANISME DE BLOCAGE**
[72] LESKOWICH, VINCENT, GR
[72] ROZWADOWSKI, MARCIN, PL
[71] "HTL-STREFA" SPOLKA AKCYJNA, PL
[85] 2016-08-29
[86] 2014-02-17 (PCT/IB2014/059042)
[87] (WO2015/121711)
[30] PL (PL 407180) 2014-02-14

[21] **2,941,081**
[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01)**
[25] EN
[54] **METHODS FOR CANNABINOID QUANTIFICATION**
[54] **PROCEDES DE QUANTIFICATION DE CANNABINOIDE**
[72] LUCAS, PHILIPPE, CA
[72] EADES, CALEB, CA
[71] COMPASSIONATE ANALYTICS INC., CA
[85] 2016-08-29
[86] 2014-02-28 (PCT/CA2014/000157)
[87] (WO2014/131114)
[30] US (61/771,263) 2013-03-01
[30] US (61/827,128) 2013-05-24
[30] US (61/884,409) 2013-09-30

[21] **2,941,082**
[13] A1
[51] **Int.Cl. B09B 1/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISTRIBUTED CONTROL OF MULTIPLE WELLHEADS**
[54] **SYSTEME ET PROCEDE DE REGULATION DISTRIBUEE DE MULTIPLES TETES DE PUITS**
[72] FISCHER, DAVID A., US
[72] MIODUSZEWSKI, DAVID, US
[71] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US
[85] 2016-08-26
[86] 2015-07-14 (PCT/US2015/040316)
[87] (WO2016/010985)
[30] US (62/024,661) 2014-07-15

[21] **2,941,083**
[13] A1
[51] **Int.Cl. C12P 7/10 (2006.01) C12P 1/00 (2006.01) C12P 7/02 (2006.01) C12P 7/06 (2006.01) C12P 19/14 (2006.01) D21C 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A CELLULOSIC FEEDSTOCK AT HIGH CONSISTENCY**
[54] **PROCEDE DE TRAITEMENT D'UNE CHARGE DE DEPART CELLULOSIQUE A HAUTE CONSISTANCE**
[72] GRIFFIN, ROBERT, CA
[72] VAN DER MEULEN, TORBJORN, CA
[72] NEUMANN, HAROLD, CA
[72] GLENNS, ROBERT, CA
[71] IOGEN ENERGY CORPORATION, CA
[85] 2016-08-29
[86] 2015-03-20 (PCT/CA2015/050215)
[87] (WO2015/139141)
[30] US (61/968,536) 2014-03-21

[21] **2,941,084**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SORAFENIB-MICRORNA COMBINATION THERAPY FOR LIVER CANCER**
[54] **TRAITEMENT EN ASSOCIATION SORAFENIB-MICRO-ARN POUR LE CANCER DU FOIE**
[72] BADER, ANDREAS, US
[72] ZHAO, JANE, US
[71] MIRNA THERAPEUTICS, INC., US
[85] 2016-08-29
[86] 2015-02-27 (PCT/US2015/018120)
[87] (WO2015/131115)
[30] US (61/946,110) 2014-02-28

[21] **2,941,085**
[13] A1
[51] **Int.Cl. H04N 13/00 (2006.01) H04N 19/50 (2014.01)**
[25] EN
[54] **METHOD FOR LOW-LATENCY ILLUMINATION COMPENSATION PROCESS AND DEPTH LOOKUP TABLE BASED CODING**
[54] **PROCEDE POUR PROCESSUS DE COMPENSATION D'ECLAIRAGE A FAIBLE LATENCE ET CODAGE BASE SUR UNE TABLE DE REFERENCE DE PROFONDEURS**
[72] CHEN, YI-WEN, CN
[72] ZHANG, KAI, CN
[72] LIN, JIAN-LIANG, CN
[72] HUANG, YU-WEN, CN
[71] HFI INNOVATION INC., CN
[85] 2016-08-29
[86] 2015-03-17 (PCT/CN2015/074371)
[87] (WO2015/139605)
[30] CN (PCT/CN2014/073555) 2014-03-17

[21] **2,941,086**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) G01F 1/44 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **FLOW SENSOR FOR VENTILATOR**
[54] **CAPTEUR D'ECOULEMENT POUR RESPIRATEUR**
[72] STROMSTEN, PATRIK, SE
[72] HELLBERG, JAN, SE
[71] BREAS MEDICAL AB, SE
[85] 2016-08-29
[86] 2014-02-28 (PCT/EP2014/053988)
[87] (WO2015/127994)

[21] **2,941,087**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **IBRUTINIB SOLID FORMS AND PRODUCTION PROCESS THEREFOR**
[54] **FORMES SOLIDES D'IBRUTINIB ET LEUR PROCEDE DE PRODUCTION**
[72] ADIN, ITAI, IL
[72] KERIVONOS, SONIA, IL
[72] ROZENBLAT, YEVGENY, IL
[72] WEISMAN, ALEX, IL
[72] FERNADEZ CASARES, ANA, NL
[72] TEN FIGAS, GLORIA, NL
[72] BEN-DANIEL, REVITAL, IL
[71] PERRIGO API LTD., IL
[85] 2016-08-29
[86] 2015-03-23 (PCT/IL2015/000017)
[87] (WO2015/145415)
[30] US (61/971,164) 2014-03-27
[30] US (62/045,869) 2014-09-04

[21] **2,941,088**
[13] A1
[51] **Int.Cl. G06F 21/00 (2013.01) G06F 21/30 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VERIFYING USER SUPPLIED ITEMS ASSERTED ABOUT THE USER**
[54] **SYSTEME ET PROCEDE DE VERIFICATION D'ELEMENTS FOURNIS PAR L'UTILISATEUR ET VALIDES CONCERNANT L'UTILISATEUR**
[72] MEHR, ALEXANDER, US
[72] ZADEH, SHAYAN, US
[72] CRANE, JARED, US
[72] ROYSE, JOSHUA, US
[71] ZOOSK, INC., US
[85] 2016-08-29
[86] 2015-02-27 (PCT/US2015/018189)
[87] (WO2015/131156)
[30] US (61/946,425) 2014-02-28

[21] **2,941,089**
[13] A1
[51] **Int.Cl. A61M 39/02 (2006.01)**
[25] EN
[54] **DEVICE FOR VASCULAR AND PERITONEAL ACCESS AND A DEVICE FOR HEMODIALYSIS**
[54] **DISPOSITIF POUR ACCES PERITONEAL ET VASCULAIRE ET DISPOSITIF D'HEMODIALYSE**
[72] LUNDGREN, DAN, SE
[72] NYMAN, RICKARD, SE
[72] ANKARBRANTH, MORGAN, SE
[71] TRANSCUTAN AB, SE
[85] 2016-08-26
[86] 2015-03-10 (PCT/SE2015/000014)
[87] (WO2015/137859)
[30] SE (1400131-7) 2014-03-11

[21] **2,941,090**
[13] A1
[51] **Int.Cl. A61K 6/083 (2006.01)**
[25] EN
[54] **MONOMER MIXTURE FOR THE PREPARATION OF DENTAL MATERIALS**
[54] **MELANGE DE MONOMERES POUR LA PREPARATION DE MATERIAUX DENTAIRES**
[72] MOSZNER, NORBERT, LI
[72] BURTSCHER, PETER, AT
[72] GIANASMIDIS, ALEXANDROS, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2016-08-29
[86] 2015-02-26 (PCT/EP2015/000449)
[87] (WO2015/139811)
[30] EP (14160841.4) 2014-03-20

[21] **2,941,091**
[13] A1
[51] **Int.Cl. E04D 3/36 (2006.01) E04D 3/362 (2006.01)**
[25] EN
[54] **MODULAR METAL COVERING FOR BUILDINGS**
[54] **COUVERTURE MODULAIRE METALLIQUE POUR DES BATIMENTS**
[72] LLAPART RAMOS, MIQUEL, ES
[71] GUIVES GIRONA, S.A., ES
[85] 2016-08-29
[86] 2015-01-23 (PCT/ES2015/070042)
[87] (WO2015/110686)
[30] ES (201430084) 2014-01-27

[21] **2,941,092**
[13] A1
[51] **Int.Cl. F16H 61/02 (2006.01)**
[25] EN
[54] **SHIFT CONTROL DEVICE FOR AUTOMATIC TRANSMISSION**
[54] **DISPOSITIF DE COMMANDE DE CHANGEMENT DE VITESSE POUR TRANSMISSION AUTOMATIQUE**
[72] NOGUCHI, TOMOYUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2016-08-29
[86] 2015-02-26 (PCT/JP2015/055674)
[87] (WO2015/146464)
[30] JP (2014-067010) 2014-03-27

[21] **2,941,093**
[13] A1
[51] **Int.Cl. A47C 4/06 (2006.01) A47C 4/30 (2006.01) A47C 9/10 (2006.01)**
[25] EN
[54] **MOBILE PIECE OF FURNITURE, IN PARTICULAR A CHAIR**
[54] **MEUBLE MOBILE, EN PARTICULIER UNE CHAISE**
[72] SCHMIDT, CHRISTOPHER, DE
[72] SANDER, ARMIN, DE
[71] CASCADE DESIGNS, INC., US
[85] 2016-08-29
[86] 2015-03-02 (PCT/US2015/018354)
[87] (WO2015/131202)
[30] DE (DE102014002916.6) 2014-02-28

[21] **2,941,096**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/198 (2006.01) A61K 31/51 (2006.01) A61P 3/10 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PHOSPHODIESTERASE-4 INHIBITING PHYTOCHEMICAL COMPOSITIONS**
[54] **COMPOSITIONS PHYTOCHIMIQUES INHIBITRICES DE PHOSPHODIESTERASE-4**
[72] TRIPP, MATTHEW L., US
[72] DAHLBERG, CLINTON J., US
[72] BABISH, JOHN G., US
[71] TRIPP, MATTHEW L., US
[71] DAHLBERG, CLINTON J., US
[71] BABISH, JOHN G., US
[85] 2016-08-29
[86] 2015-02-26 (PCT/US2015/017857)
[87] (WO2015/130994)
[30] US (61/966,704) 2014-02-28

[21] **2,941,097**
[13] A1
[51] **Int.Cl. F16J 15/08 (2006.01) F02F 11/00 (2006.01)**
[25] EN
[54] **METAL GASKET**
[54] **JOINT D'ETANCHEITE METALLIQUE**
[72] MORIMOTO, TAKEO, JP
[72] GUSHIKEN, MISAKI, JP
[71] NOK CORPORATION, JP
[85] 2016-08-29
[86] 2015-03-13 (PCT/JP2015/057513)
[87] (WO2015/141587)
[30] JP (2014-054841) 2014-03-18

[21] **2,941,098**
[13] A1
[51] **Int.Cl. A61M 39/02 (2006.01)**
[25] EN
[54] **PORT FOR A CATHETER**
[54] **ORIFICE POUR UN CATHETER**
[72] JOCHUM, CHRISTOPH, DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2016-08-29
[86] 2015-02-03 (PCT/EP2015/052115)
[87] (WO2015/135693)
[30] EP (14158846.7) 2014-03-11

[21] **2,941,099**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/198 (2006.01) A61K 31/51 (2006.01) A61P 3/00 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHOSPHODIESTERASE INHIBITING PHYTOCHEMICAL COMPOSITIONS**
[54] **COMPOSITIONS PHYTOCHIMIQUES D'INHIBITION DE LA PHOSPHODIESTERASE**
[72] TRIPP, MATTHEW L., US
[72] DAHLBERG, CLINTON J., US
[72] BABISH, JOHN G., US
[71] TRIPP, MATTHEW L., US
[71] DAHLBERG, CLINTON J., US
[71] BABISH, JOHN G., US
[85] 2016-08-29
[86] 2015-02-26 (PCT/US2015/017858)
[87] (WO2015/130995)
[30] US (61/966,704) 2014-02-28

[21] **2,941,100**
[13] A1
[51] **Int.Cl. D21H 19/10 (2006.01) B65D 65/40 (2006.01) D21H 21/00 (2006.01) D21H 27/30 (2006.01)**
[25] EN
[54] **A METHOD FOR MANUFACTURING A PACKAGING MATERIAL AND A PACKAGING MATERIAL MADE BY THE METHOD**
[54] **PROCEDE DE FABRICATION DE MATERIAU D'EMBALLAGE, ET MATERIAU D'EMBALLAGE FABRIQUE PAR LE PROCEDE**
[72] MIIKKI, NINA, FI
[72] SIRVIO, PETRI, FI
[72] BACKFOLK, KAJ, FI
[71] STORA ENSO OYJ, FI
[85] 2016-08-29
[86] 2015-03-13 (PCT/IB2015/051851)
[87] (WO2015/136493)
[30] US (61/952,978) 2014-03-14

[21] **2,941,101**
[13] A1
[51] **Int.Cl. B01D 27/14 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **SYRINGE FOR OBTAINING SUB-MICRON MATERIALS FOR SELECTIVE ASSAYS AND RELATED METHODS OF USE**
[54] **SERINGUE POUR OBTENIR DES MATIERES DE TAILLE SUBMICRONIQUE POUR DES DOSAGES SELECTIFS ET PROCEDES D'UTILISATION ASSOCIES**
[72] MOUNTCASTLE, PAUL D., US
[72] FOULKE, SVETLANA M., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2016-08-29
[86] 2015-02-27 (PCT/US2015/018114)
[87] (WO2015/131109)
[30] US (14/193,007) 2014-02-28

[21] **2,941,102**
[13] A1
[51] **Int.Cl. C11B 1/10 (2006.01) B01D 17/02 (2006.01) C11B 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE RECOVERY OF LIPIDS OR HYDROCARBONS**
[54] **PROCEDE DE RECUPERATION DE LIPIDES OU D'HYDROCARBURES**
[72] CUELLAR SOARES, MARIA CLAUDIA, NL
[72] VAN DER WIELEN, LUCAS ANTONIUS MARIA, NL
[72] HEERES, ARJAN SEBASTIAAN, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2016-08-29
[86] 2015-02-25 (PCT/NL2015/050117)
[87] (WO2015/130167)
[30] NL (2012334) 2014-02-28

[21] **2,941,106**
[13] A1
[51] **Int.Cl. H04N 21/422 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANONYMOUS BEHAVIORAL-BASED RECORDS IDENTIFICATION**
[54] **SYSTEMES ET PROCEDES POUR L'IDENTIFICATION D'ENREGISTREMENTS COMPORTEMENTAUX ANONYMES**
[72] HABERMAN, SETH, US
[72] MARCUS, CLAUDIO, US
[71] VISIBLE WORLD, INC., US
[85] 2016-08-29
[86] 2015-03-10 (PCT/US2015/019727)
[87] (WO2015/138462)
[30] US (61/950,393) 2014-03-10

[21] **2,941,108**
[13] A1
[51] **Int.Cl. B29C 65/36 (2006.01) B23K 11/16 (2006.01)**
[25] EN
[54] **RESISTIVE IMPLANT WELDING CARBON FIBER THERMOPLASTICS USING HIGHLY CONDUCTIVE MESH**
[54] **SOUDAGE PAR IMPLANT RESISTIF DE THERMOPLASTIQUES EN FIBRES DE CARBONE A L'AIDE D'UNE MAILLE HAUTEMENT CONDUCTRICE**
[72] GRGAC, STEVEN, CA
[72] ELAGHA, AHMED, CA
[71] MAGNA INTERNATIONAL, INC., CA
[85] 2016-08-29
[86] 2015-04-06 (PCT/IB2015/052485)
[87] (WO2015/155669)
[30] US (61/978,042) 2014-04-10

[21] **2,941,109**
[13] A1
[51] **Int.Cl. C08G 18/77 (2006.01) C08G 18/36 (2006.01) C08G 18/72 (2006.01)**
[25] EN
[54] **VEGETABLE OIL-MODIFIED, HYDROPHOBIC POLYURETHANE DISPERSIONS**
[54] **DISPERSIONS DE POLYURETHANNE HYDROPHOBES MODIFIEES PAR UNE HUILE VEGETALE**
[72] YU, WUMIN, US
[72] CHEN, XHIGANG, US
[71] RUST-OLEUM CORPORATION, US
[85] 2016-08-29
[86] 2015-03-12 (PCT/US2015/020106)
[87] (WO2015/138684)
[30] US (61/952,091) 2014-03-12

[21] **2,941,112**
[13] A1
[51] **Int.Cl. A61M 39/02 (2006.01)**
[25] EN
[54] **PORT FOR A CATHETER**
[54] **CHAMBRE IMPLANTABLE POUR UN CATHETER**
[72] JOCHUM, CHRISTOPH, DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2016-08-29
[86] 2015-02-03 (PCT/EP2015/052114)
[87] (WO2015/132027)
[30] EP (14157404.6) 2014-03-03

[21] **2,941,115**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **MAPPING ATTRIBUTES OF KEYED ENTITIES**
[54] **MAPPAGE D'ATTRIBUTS D'ENTITES A CLE**
[72] ROBERTS, JED, US
[72] STANFILL, CRAIG W., US
[72] STUDER, SCOTT, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2016-08-29
[86] 2015-03-16 (PCT/US2015/020656)
[87] (WO2015/139016)
[30] US (61/953,021) 2014-03-14

[21] **2,941,117**
[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR RECORDING A MEDIA STREAM**
[54] **APPAREIL ET PROCEDES POUR ENREGISTRER UN FLUX MULTIMEDIA**
[72] GONDER, TOM, US
[72] CHEN, JOHN, US
[72] PATEL, VIPUL, US
[71] TIME WARNER CABLE ENTERPRISES LLC, US
[85] 2016-08-29
[86] 2015-03-16 (PCT/US2015/020774)
[87] (WO2015/142741)
[30] US (14/220,021) 2014-03-19

[21] **2,941,119**
[13] A1
[51] **Int.Cl. F24J 2/04 (2006.01)**
[25] EN
[54] **ULTRA HIGH EFFICIENCY, HIGH TEMPERATURE SOLAR COLLECTION AND STORAGE**
[54] **COLLECTEUR D'ENERGIE SOLAIRE A TRES GRANDE EFFICACITE ET A HAUTE TEMPERATURE, ET STOCKAGE**
[72] ACE, RONALD S., US
[71] ACE, RONALD S., US
[85] 2016-08-29
[86] 2014-02-25 (PCT/US2014/000023)
[87] (WO2014/133672)
[30] US (61/851,083) 2013-03-01

[21] **2,941,120**
[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) B01D 53/26 (2006.01) B65D 51/16 (2006.01)**
[25] EN
[54] **CANISTER FOR CONTAINING AN ACTIVE AGENT**
[54] **BIDON DESTINE A CONTENIR UN PRINCIPE ACTIF**
[72] LEBON, JACQUY, FR
[71] CLARIANT PRODUCTION (FRANCE) S.A.S., FR
[85] 2016-08-29
[86] 2015-03-04 (PCT/EP2015/054482)
[87] (WO2015/139954)
[30] EP (14305392.4) 2014-03-20

[21] **2,941,121**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **CARDIAC STENT-VALVE AND DELIVERY DEVICE FOR SUCH A VALVE**
[54] **VALVE D'ENDOPROTHESE CARDIAQUE ET DISPOSITIF DE POSE POUR UNE TELLE VALVE**
[72] SCORSIN, MARCIO, BR
[72] PASQUINO, ENRICO, CH
[72] GARD, MARCO, IT
[72] PICCOLI, CLAUDIO, IT
[71] EPYGON, FR
[85] 2016-08-29
[86] 2015-02-26 (PCT/EP2015/054057)
[87] (WO2015/135763)
[30] EP (14305355.1) 2014-03-11

[21] **2,941,122**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **GATEWAY MANAGEMENT USING VIRTUAL GATEWAYS AND WILDCARDS**
[54] **GESTION DE PASSERELLE A L'AIDE DE PASSERELLES VIRTUELLES ET DE CARACTERES GENERIQUES**
[72] WATTS, LA VAUGHN FERGUSON, JR., US
[72] RUCKER, JEFF, US
[72] WIESE, ANDERSON, US
[72] WELLINGTON-OGURI, ROGER, US
[71] SYSTECH CORPORATION, US
[85] 2016-08-29
[86] 2015-03-12 (PCT/US2015/020227)
[87] (WO2015/138756)
[30] US (61/952,655) 2014-03-13

[21] **2,941,123**
[13] A1
[51] **Int.Cl. C25D 3/06 (2006.01) C25B 1/02 (2006.01) C25D 5/10 (2006.01) C25D 5/12 (2006.01) C25D 5/14 (2006.01)**
[25] EN
[54] **PASSIVATION OF MICRO-DISCONTINUOUS CHROMIUM DEPOSITED FROM A TRIVALENT ELECTROLYTE**
[54] **PASSIVATION DE CHROME MICRO-DISCONTINU DEPOSE A PARTIR D'UN ELECTROLYTE TRIVALENT**
[72] MERTENS, MARC, NL
[72] TOOTH, RICHARD, GB
[72] HERDMAN, RODERICK D., GB
[72] CLARKE, TERENCE, GB
[72] PEARSON, TREVOR, GB
[71] MACDERMID ACUMEN, INC., US
[85] 2016-08-29
[86] 2015-03-05 (PCT/US2015/018848)
[87] (WO2015/134690)
[30] US (14/200,546) 2014-03-07

[21] **2,941,124**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **ORGANIC WATER SCAVENGING ADDITIVES FOR USE IN DRILLING FLUIDS**
[54] **ADDITIFS ORGANIQUES DE FIXATION DE L'EAU DESTINES A ETRE UTILISES DANS DES FLUIDES DE FORAGE**
[72] MCDANIEL, CATO RUSSELL, US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-29
[86] 2014-04-01 (PCT/US2014/032538)
[87] (WO2015/152900)

[21] **2,941,127**
[13] A1
[51] **Int.Cl. F21V 7/00 (2006.01) F21V 5/02 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **A LIGHT**
[54] **LUMIERE**
[72] AYDIN, UMUT, TR
[72] UGUZ, BIRHAN, TR
[71] ORTANA ELEKTRONIK YAZILIM TAAH. SAN. VE TIC. A.S., TR
[85] 2016-08-29
[86] 2015-03-06 (PCT/EP2015/054788)
[87] (WO2015/132408)
[30] EP (14158178.5) 2014-03-06

[21] **2,941,129**
[13] A1
[51] **Int.Cl. B60B 25/22 (2006.01) B60B 23/00 (2006.01) B60C 15/02 (2006.01)**
[25] EN
[54] **ADAPTER FOR ROLLING ASSEMBLY AND ROLLING ASSEMBLY COMPRISING SAME**
[54] **ADAPTATEUR POUR ENSEMBLE ROULANT ET ENSEMBLE ROULANT LE COMPRENANT**
[72] AHOUANTO, MICHEL, FR
[72] BESTGEN, LUC, FR
[72] PINEAU, JACKY, FR
[72] TOPIN, ARTHUR, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2016-08-29
[86] 2015-03-10 (PCT/EP2015/054954)
[87] (WO2015/158472)
[30] FR (1453409) 2014-04-16

[21] **2,941,133**
[13] A1
[51] **Int.Cl. A61J 1/16 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO BLISTER PACKAGE COMPLIANCE**
[54] **AMELIORATIONS APPORTEES A LA CONFORMITE D'UN EMBALLAGE-COQUE**
[72] STEVENS, GERARD, AU
[71] MANREX PTY. LTD., AU
[85] 2016-08-30
[86] 2015-02-26 (PCT/AU2015/000103)
[87] (WO2015/131224)
[30] AU (2014900729) 2014-03-03

[21] **2,941,134**
[13] A1
[51] **Int.Cl. B60T 8/17 (2006.01) B60T 8/172 (2006.01) B64C 25/42 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **METHOD OF REPORTING RUNWAY CONDITION USING BRAKE CONTROL SYSTEM**
[54] **PROCEDE DE SIGNALISATION DE CONDITION DE PISTE DE ROULEMENT A L'AIDE D'UN SYSTEME DE COMMANDE DE FREIN**
[72] RABY, RONALD, US
[72] GOWAN, JOHN, US
[72] BUTTERFIELD, GREGG DUANE, US
[71] HYDRO-AIRE, INC., US
[85] 2016-08-29
[86] 2015-03-06 (PCT/US2015/019234)
[87] (WO2015/134898)
[30] US (61/949,889) 2014-03-07
[30] US (14/636,826) 2015-03-03

[21] **2,941,135**
[13] A1
[51] **Int.Cl. E01F 15/14 (2006.01)**
[25] EN
[54] **SELF-RESTORING CRASH CUSHIONS**
[54] **AMORTISSEUR D'IMPACT A RESTAURATION AUTOMATIQUE**
[72] SICKING, DEAN, US
[72] LITTLEFIELD, DAVID, US
[72] WALLS, KENNETH, US
[72] COHEN, SETH, US
[72] SCHRUM, KEVIN, US
[71] THE UAB RESEARCH FOUNDATION, US
[85] 2016-08-29
[86] 2015-03-07 (PCT/US2015/019335)
[87] (WO2015/134957)
[30] US (61/949,516) 2014-03-07

[21] **2,941,137**
[13] A1
[51] **Int.Cl. A61J 1/05 (2006.01) G01N 1/10 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR BODILY FLUID SAMPLE COLLECTION**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE COLLECTE D'ECHANTILLON DE LIQUIDE CORPOREL**
[72] HOLMES, ELIZABETH, US
[72] CHEN, MICHAEL, US
[72] KO, PEY-JIUN, US
[72] BURD, TAMMY, US
[72] LATH, ADRIT, US
[72] MCHALE, PATRICIA, US
[72] ROY, JOY, US
[71] THERANOS, INC., US
[85] 2016-08-29
[86] 2015-03-12 (PCT/US2015/020307)
[87] (WO2015/138818)
[30] US (61/952,125) 2014-03-12
[30] US (61/952,130) 2014-03-12
[30] US (62/051,906) 2014-09-17

[21] **2,941,140**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 38/00 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **TREATMENT OF RESISTANT LESIONS**
[54] **TRAITEMENT DE LESIONS RESISTANTES**
[72] EISENBUD, DAVID (DECEASED), US
[72] PHILLIPS, ANTHONY, US
[72] BANNAN, SCOTT, US
[72] MATSUOKA, GROVE, US
[72] DUFT, BRADFORD, US
[71] CODA THERAPEUTICS, US
[85] 2016-08-29
[86] 2015-03-16 (PCT/US2015/020786)
[87] (WO2015/139047)
[30] US (61/953,604) 2014-03-14
[30] US (61/953,608) 2014-03-14

[21] **2,941,145**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01) G06T 17/05 (2011.01) G01V 1/34 (2006.01) G06T 15/00 (2011.01)**
[25] EN
[54] **MULTI-Z POLYLINES INTERSECTION POINTS EDITING**
[54] **EDITION DE POINTS D'INTERSECTION DE POLYLIGNES A MULTIPLES Z**
[72] NGUYEN, NAM X., US
[72] SENFTEN, SCOTT DAVID, US
[72] COLE, MARY JEANETTE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-08-29
[86] 2014-04-01 (PCT/US2014/032570)
[87] (WO2015/152902)

[21] **2,941,146**
[13] A1
[51] **Int.Cl. A63F 13/213 (2014.01) A63F 13/55 (2014.01) G06F 19/00 (2011.01) G09B 5/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TEACHING AND INSTRUCTING IN A VIRTUAL WORLD INCLUDING MULTIPLE VIEWS**
[54] **SYSTEMES ET PROCEDES D'ENSEIGNEMENT ET D'INSTRUCTION DANS UN MONDE VIRTUEL COMPRENANT DE MULTIPLES VUES**
[72] ADLER, MARTIN, US
[72] KOMATIREDDY, RAVI, US
[72] HICKS, RICHARD, US
[72] MARES, JOSEPH, US
[72] HUTCHINS, SPENCER, US
[71] REFLEXION HEALTH, INC., US
[85] 2016-08-29
[86] 2015-03-25 (PCT/US2015/022504)
[87] (WO2015/148676)
[30] US (61/970,609) 2014-03-26
[30] US (14/667,985) 2015-03-25

[21] **2,941,148**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) G01V 3/08 (2006.01)**
[25] EN
[54] **CASING COUPLER MOUNTED EM TRANSDUCERS**
[54] **TRANSDUCTEURS ELECTROMAGNETIQUES MONTES SUR UN COUPLEUR DE TUBAGE**
[72] WILSON, GLENN A., US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-29
[86] 2014-04-02 (PCT/US2014/032692)
[87] (WO2015/152917)

[21] **2,941,149**
[13] A1
[51] **Int.Cl. G01L 1/00 (2006.01) G01B 7/16 (2006.01) G01B 21/32 (2006.01) G01L 1/04 (2006.01)**
[25] EN
[54] **MEASURING HOOKLOAD**
[54] **MESURE DE LA CHARGE AU CROCHET**
[72] SMITH, ADRIAN E., GB
[72] HENDERSON, MATTHEW HAY, GB
[72] BROWN, PAUL, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-29
[86] 2014-04-23 (PCT/US2014/035137)
[87] (WO2015/163869)

[21] **2,941,150**
[13] A1
[51] **Int.Cl. H04W 4/00 (2009.01) E21B 47/022 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **TRANSMITTING COLLISION ALARMS TO A REMOTE DEVICE**
[54] **TRANSMISSION D'ALARMES DE COLLISION A UN DISPOSITIF DISTANT**
[72] GREENWOOD, JEREMY ALEXANDER, US
[72] DUTTA, INDRA, US
[72] BALASUBRAMANIAN, KARTHIK, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-29
[86] 2014-04-28 (PCT/US2014/035650)
[87] (WO2015/167424)

[21] **2,941,151**
[13] A1
[51] **Int.Cl. C07C 29/145 (2006.01) B01J 21/06 (2006.01) C07C 31/20 (2006.01) C07C 45/00 (2006.01)**
[25] EN
[54] **PROCESS FOR HYDROGENOLYSIS OF GLYCEROL**
[54] **PROCEDE POUR L'HYDROGENOLYSE DE GLYCEROL**
[72] DALAI, AJAY KUMAR, CA
[72] SHARMA, RAJEST VISHNUDEV, CA
[72] KUMAR, PARDEEP, CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2016-08-30
[86] 2014-03-06 (PCT/CA2014/050183)
[87] (WO2014/134733)
[30] US (61/774,140) 2013-03-07

[21] **2,941,152**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/10 (2006.01) A61K 39/40 (2006.01) A61P 31/04 (2006.01) C07K 16/12 (2006.01)**
[25] EN
[54] **HUMANIZED PERTUSSIS ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS DE LA COQUELUCHE HUMANISES ET UTILISATIONS DE CEUX-CI**
[72] MAYNARD, JENNIFER, US
[72] NGUYEN, ANNALEE, US
[72] PADLAN, EDUARDO A., US
[72] WAGNER, ELLEN, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] SYNTHETIC BIOLOGICS, INC., US
[85] 2016-08-29
[86] 2015-03-31 (PCT/US2015/023715)
[87] (WO2015/153685)
[30] US (61/973,141) 2014-03-31
[30] US (62/046,403) 2014-09-05

[21] **2,941,153**
[13] A1
[51] **Int.Cl. B23K 26/044 (2014.01) B23K 26/08 (2014.01) B23K 26/26 (2014.01) B25J 9/18 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **HYBRID LASER WELDING SYSTEM AND METHOD USING TWO ROBOTS**
[54] **SYSTEME ET PROCEDE DE SOUDAGE AU LASER HYBRIDE A L'AIDE DE DEUX ROBOTS**
[72] LEGAULT, MARIO, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2016-08-30
[86] 2015-03-16 (PCT/CA2015/000165)
[87] (WO2015/139116)
[30] US (61/953,996) 2014-03-17

[21] **2,941,154**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/42 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **OPTIMAL DOSING OF A CD19-ANTIBODY DRUG CONJUGATE**
[54] **DOSAGE OPTIMAL D'UN CONJUGUE MEDICAMENT-ANTICORPS ANTI-CD19**
[72] ZHAO, BAITENG, US
[72] ALBERTSON, TINA, US
[72] HAN, TAE, US
[71] SEATTLE GENETICS, INC., US
[85] 2016-08-29
[86] 2015-04-07 (PCT/US2015/024732)
[87] (WO2015/157297)
[30] US (61/976,790) 2014-04-08

[21] **2,941,155**
[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **PROJECT MANAGEMENT SIMULATOR**
[54] **SIMULATEUR DE GESTION DE PROJET**
[72] CUTHBERT, ANDREW JOHN, US
[72] GUINAN, MARY ANNE, US
[72] RAGHUNATHAN, RAMESH K., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-29
[86] 2014-05-29 (PCT/US2014/040023)
[87] (WO2015/183286)

[21] **2,941,156**
[13] A1
[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **FLEXIBLE BIOLOGICAL FLUID FILTERS**
[54] **FILTRES A FLUIDES BIOLOGIQUES SOUPLES**
[72] VERRI, PAOLO, IT
[72] LYNN, DANIEL, US
[72] DAY, SCOTT, US
[71] FENWAL, INC., US
[85] 2016-08-29
[86] 2014-06-06 (PCT/US2014/041210)
[87] (WO2015/147896)
[30] US (14/222,961) 2014-03-24

[21] **2,941,157**
[13] A1
[51] **Int.Cl. A61M 1/36 (2006.01) B01D 39/08 (2006.01)**
[25] EN
[54] **BIOLOGICAL FLUID FILTERS WITH MOLDED FRAME AND METHODS FOR MAKING SUCH FILTERS**
[54] **FILTRES POUR FLUIDES BIOLOGIQUES PRESENTANT UNE ARMATURE MOULEE ET PROCEDES DE FABRICATION DE TELS FILTRES**
[72] LYNN, DANIEL, US
[72] FLANAGAN, PATRICK, US
[72] CHRZAN, JAMES, US
[71] FENWAL, INC., US
[85] 2016-08-29
[86] 2014-06-06 (PCT/US2014/041217)
[87] (WO2015/147898)
[30] US (14/223,831) 2014-03-24

[21] **2,941,158**
[13] A1
[51] **Int.Cl. G01V 3/30 (2006.01) E21B 47/092 (2012.01) G01V 3/18 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOCATING AND IMAGING PROPPANT IN AN INDUCED FRACTURE**
[54] **SYSTEMES ET PROCEDES DE LOCALISATION ET D'IMAGERIE D'AGENT DE SOUTENEMENT DANS UNE FRACTURE INDUITE**
[72] ALDRIDGE, DAVID F., US
[72] BARTEL, LEWIS C., US
[71] CARBO CERAMICS INC., US
[71] SANDIA CORPORATION, US
[85] 2016-08-29
[86] 2014-07-03 (PCT/US2014/045427)
[87] (WO2015/134054)
[30] US (61/948,169) 2014-03-05

[21] **2,941,159**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/725 (2006.01) C12N 15/13 (2006.01) C07K 14/00 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE**
[72] PULE, MARTIN, GB
[72] ANDERSON, JOHN, GB
[72] THOMAS, SIMON, GB
[71] UCL BUSINESS PLC, GB
[85] 2016-08-30
[86] 2015-03-06 (PCT/GB2015/050649)
[87] (WO2015/132604)
[30] GB (1403972.1) 2014-03-06

[21] **2,941,163**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **DATA PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE DONNEES**
[72] LUO, XIONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-08-30
[86] 2014-11-05 (PCT/CN2014/090299)
[87] (WO2016/070341)

[21] **2,941,166**
[13] A1
[51] **Int.Cl. B25H 1/04 (2006.01) B25H 1/02 (2006.01) B25H 1/12 (2006.01) B25H 5/00 (2006.01)**
[25] EN
[54] **FOLDING WORKTABLE**
[54] **ETABLI PLIANT**
[72] GU, JUN, CN
[71] GU, JUN, CN
[85] 2016-08-30
[86] 2015-01-21 (PCT/CN2015/071233)
[87] (WO2015/110015)
[30] CN (201420038462.8) 2014-01-22

[21] **2,941,168**
[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR REPRESENTING A PRODUCTION PROCESS IN A VIRTUAL ENVIRONMENT**
[54] **PROCEDE POUR LA REPRESENTATION D'UN PROCEDE DE FABRICATION DANS UN ENVIRONNEMENT VIRTUEL**
[72] SMITH, JOHN, GB
[72] MORGAN, WILLIAN DUNCAN, GB
[72] BICKFORD, ANDREW NEIL, GB
[71] DE-STA-CO EUROPE GMBH, DE
[85] 2016-08-30
[86] 2015-02-27 (PCT/DE2015/100079)
[87] (WO2015/131878)
[30] DE (10 2014 102 773.6) 2014-03-03

[21] **2,941,169**
[13] A1
[51] **Int.Cl. B65D 43/08 (2006.01) B29C 43/50 (2006.01) B29C 45/73 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD FOR OUTER COVERING EDGE OF MOLDED CUP LID AND PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN BORD DE RECOUVREMENT EXTERIEUR DE COUVERCLE DE GOBELET MOULE ET PRODUIT**
[72] LAI, ZONGSHEN, CN
[72] CHEN, JIANFENG, CN
[71] DANDONG MINGCHENG ENVIRONMENTAL PRODUCTS CO., LTD, CN
[85] 2016-08-30
[86] 2014-04-15 (PCT/CN2014/000413)
[87] (WO2015/157877)

[21] **2,941,171**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) C07D 239/42 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 471/08 (2006.01) C07D 487/08 (2006.01)**
[25] EN
[54] **PYRIMIDINE CARBOXAMIDES AS SODIUM CHANNEL BLOCKERS**
[54] **PYRIMIDINE CARBOXAMIDES A TITRE DE BLOQUEURS DES CANAUX SODIQUES**
[72] LOCKMAN, JEFFREY, US
[72] NI, CHIYOU, US
[72] PARK, JAE HYUN, US
[72] PARK, MINNIE, US
[72] SHAO, BIN, US
[72] TAFESSE, LAYKEA, US
[72] YAO, JIANGCHAO, US
[72] YOUNGMAN, MARK A., US
[71] PURDUE PHARMA L.P., US
[85] 2016-08-30
[86] 2014-03-03 (PCT/IB2014/000254)
[87] (WO2014/135955)
[30] US (61/772,195) 2013-03-04

[21] **2,941,173**
[13] A1
[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT**
[72] WOULDHAVE, MATTHEW, GB
[72] KANATT, BIJOY, IN
[72] HESSELINK, SEBASTIAAN J.A., GB
[72] DONKIN, MICHAEL DAVID, GB
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2016-08-30
[86] 2015-03-12 (PCT/EP2015/055121)
[87] (WO2015/136018)
[30] IN (752/DEL/2014) 2014-03-14
[30] EP (14168105.6) 2014-05-13

[21] **2,941,175**
[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **A LEVER FOR A LEVER OPERATED VALVE**
[54] **LEVIER POUR SOUPAPE ACTIONNEE PAR LEVIER**
[72] FREITAG, STEFAN, DE
[72] TULLNEY, HEIKO, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2016-08-30
[86] 2014-03-07 (PCT/EP2014/054490)
[87] (WO2015/131957)

[21] **2,941,177**
[13] A1
[51] **Int.Cl. C05C 1/02 (2006.01) C05D 9/02 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROVIDING AN INORGANIC COATING TO AMMONIUM NITRATE-BASED PARTICLES**
[54] **PROCEDE D'APPLICATION D'UN REVETEMENT INORGANIQUE SUR DES PARTICULES A BASE DE NITRATE D'AMMONIUM**
[72] LEDOUX, FRANCOIS, FR
[71] YARA INTERNATIONAL ASA, NO
[85] 2016-08-30
[86] 2015-03-03 (PCT/EP2015/054424)
[87] (WO2015/132261)
[30] NO (20140271) 2014-03-03

[21] **2,941,183**
[13] A1
[51] **Int.Cl. C05D 9/02 (2006.01) C05C 9/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR INCORPORATING MICRONUTRIENTS IN THE OUTER SHELL OF UREA-BASED PARTICLES**
[54] **PROCEDE D'INCORPORATION DE MICRONUTRIMENTS DANS LA COQUE EXTERIEURE DE PARTICULES A BASE D'UREE**
[72] LEDOUX, FRANCOIS, FR
[71] YARA INTERNATIONAL ASA, NO
[85] 2016-08-30
[86] 2015-03-03 (PCT/EP2015/054416)
[87] (WO2015/132258)
[30] NO (20140272) 2014-03-03

[21] **2,941,189**
[13] A1
[51] **Int.Cl. C30B 11/00 (2006.01) C30B 29/06 (2006.01)**
[25] EN
[54] **HYBRID CRUCIBLE FOR CRYSTALLIZING MATERIALS**
[54] **CREUSET HYBRIDE POUR LA CRISTALLISATION DES MATERIAUX**
[72] FRANZ, HENRIK, DE
[72] MORCHE, CHRISTOPH, DE
[72] ZIMMERMANN, ANDREAS, DE
[72] WENGERTER, ARMIN, DE
[72] MULLER, KAI, DE
[72] HOHMANN, MICHAEL, DE
[71] ALD VACUUM TECHNOLOGIES GMBH, DE
[85] 2016-08-30
[86] 2015-03-06 (PCT/EP2015/054762)
[87] (WO2015/132399)
[30] DE (10 2014 102 980.1) 2014-03-06

[21] **2,941,191**
[13] A1
[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **BLOOD TREATMENT CARTRIDGE WITH A FILM VALVE AND INELASTICAL SPACER AS WELL AS BLOOD TREATMENT APPARATUS**
[54] **CASSETTE DE TRAITEMENT SANGUIN DOTEE D'UNE VALVE A FEUILLE ET D'UN ELEMENT D'ESPACEMENT NON ELASTIQUE ET DISPOSITIF DE TRAITEMENT SANGUIN**
[72] LAUER, MARTIN, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2016-08-30
[86] 2015-03-13 (PCT/EP2015/055295)
[87] (WO2015/136074)
[30] DE (10 2014 103 491.0) 2014-03-14

[21] **2,941,192**
[13] A1
[51] **Int.Cl. C07D 491/04 (2006.01) A61K 31/444 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **ARYL ETHER-BASE KINASE INHIBITORS**
[54] **INHIBITEURS DE KINASES DE TYPE ARYLETHER-BASE**
[72] VRUDHULA, VIVEKANANDA M., US
[72] PAN, SENLIANG, US
[72] RAJAMANI, RAMKUMAR, US
[72] MACOR, JOHN E., US
[72] BRONSON, JOANNE J., US
[72] DZIERBA, CAROLYN DIANE, US
[72] NARA, SUSHEEL JETHANAND, IN
[72] KARATHOLUVHU, MAHESWARAN SIVASAMBAN, IN
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2016-03-10
[86] 2013-09-11 (PCT/US2013/059185)
[87] (WO2015/038112)

[21] **2,941,193**
[13] A1
[51] **Int.Cl. C22C 21/10 (2006.01)**
[25] EN
[54] **A 7XXX ALLOY FOR DEFENCE APPLICATIONS WITH A BALANCED ARMOR PIERCING-FRAGMENTATION PERFORMANCE**
[54] **ALLIAGE DE SERIE 7XXX POUR DES APPLICATIONS DE DEFENSE PRESENTANT UNE PERFORMANCE EQUILIBREE DE PERFORATION-FRAGMENTATION DE BLINDAGE**
[72] FRANKLIN, JACK, FR
[72] JAQUEROD, CHRISTOPHE, CH
[72] NIEDZINSKI, MICHAEL, US
[71] CONSTELLIUM ROLLED PRODUCTS RAVENSWOOD, LLC, US
[71] CONSTELLIUM VALAIS SA (AG-LTD), CH
[85] 2016-08-30
[86] 2015-03-03 (PCT/EP2015/000471)
[87] (WO2015/131992)
[30] US (61/948,870) 2014-03-06

[21] **2,941,194**
[13] A1
[51] **Int.Cl. G08G 1/00 (2006.01) G05D 1/02 (2006.01) G08G 1/09 (2006.01) G08G 1/137 (2006.01)**
[25] EN
[54] **DRIVING ASSISTANCE SYSTEM, VEHICLE, DRIVING ASSISTANCE TERMINAL DEVICE, AND DRIVING ASSISTANCE PROGRAM**
[54] **SYSTEME D'AIDE A LA CONDUITE, VEHICULE, DISPOSITIF TERMINAL D'AIDE A LA CONDUITE, ET PROGRAMME D'AIDE A LA CONDUITE**
[72] MINOWA, TOSHIMICHI, JP
[72] HAMADA, TOMOYUKI, JP
[72] ISHIMOTO, HIDEFUMI, JP
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2016-08-30
[86] 2014-09-30 (PCT/JP2014/076147)
[87] (WO2016/051524)

[21] **2,941,195**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **FLUID CASSETTE WITH ALIGNMENT LATCHING HAVING AN IMPROVED TILT-TOLERANCE AS WELL AS A BLOOD TREATMENT APPARATUS**
[54] **CASSETTE DE LIQUIDE COMPORTANT UN CRAN D'ARRET DE CENTRAGE RESISTANT AU BASCULEMENT, ET DISPOSITIF DE TRAITEMENT SANGUIN**
[72] LAUER, MARTIN, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2016-08-30
[86] 2015-03-13 (PCT/EP2015/055299)
[87] (WO2015/136077)
[30] DE (10 2014 103 492.9) 2014-03-14

[21] **2,941,196**
[13] A1
[51] **Int.Cl. C07D 471/10 (2006.01) A61K 31/438 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **2,7-DIAZASPIRO[3.5]NONANE COMPOUNDS**
[54] **COMPOSES DE 2,7-DIAZASPIRO[3.5]NONANE**
[72] GRIFFIOEN, GERARD, BE
[72] DE TAEYE, BART, BE
[72] PRINCEN, KATRIEN, BE
[72] DE WITTE, KOEN, BE
[72] BLANCHE, EMILIE, BE
[72] RATNI, HASANE, FR
[72] ROGERS-EVANS, MARK, CH
[71] REMYND NV, BE
[85] 2016-08-30
[86] 2015-03-17 (PCT/EP2015/055494)
[87] (WO2015/140132)
[30] EP (14160344.9) 2014-03-17

[21] **2,941,198**
[13] A1
[51] **Int.Cl. G03F 7/00 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **IMPROVED COMPUTER-IMPLEMENTED METHOD FOR DEFINING THE POINTS OF DEVELOPMENT OF SUPPORTING ELEMENTS OF AN OBJECT MADE BY MEANS OF A STEREOLITHOGRAPHY PROCESS**
[54] **PROCEDE AMELIORE MIS EN □UVRE PAR ORDINATEUR POUR LA DEFINITION DES POINTS DE DEVELOPPEMENT D'ELEMENTS DE SUPPORT D'UN OBJET FABRIQUE AU MOYEN D'UN PROCEDE DE STEREOLITHOGRAPHIE**
[72] MAROZIN, ALESSANDRO, IT
[71] DWS S.R.L., IT
[85] 2016-08-30
[86] 2015-03-20 (PCT/IB2015/052057)
[87] (WO2015/145318)
[30] IT (VI2014A000069) 2014-03-25

[21] **2,941,199**
[13] A1
[51] **Int.Cl. B65D 65/40 (2006.01) B31F 1/28 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED CORRUGATED CARDBOARD**
[54] **CARTON ONDULE FONCTIONNALISE**
[72] BAUERNFEIND, ROMAN, CH
[71] ROBA GROUP AG, CH
[85] 2016-08-30
[86] 2015-03-17 (PCT/EP2015/000583)
[87] (WO2015/139833)
[30] DE (10 2014 003 886.6) 2014-03-19

[21] **2,941,203**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **ADMINISTRATION REGIME**
[54] **REGIME D'ADMINISTRATION**
[72] WETTERGREN, YVONNE, SE
[72] ODIN, ELISABETH, SE
[71] ISOFOL MEDICAL AB, SE
[85] 2016-08-30
[86] 2015-01-30 (PCT/EP2015/051947)
[87] (WO2015/114099)
[30] EP (14153538.5) 2014-01-31

[21] **2,941,206**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED 4,5,6,7-TETRAHYDRO-PYRAZOLO[1,5-A]PYRIMIDINE DERIVATIVES AND 2,3-DIHYDRO-1H-IMIDAZO[1,2-B]PYRAZOLE DERIVATIVES AS ROS1 INHIBITORS**
[54] **DERIVES 4,5,6,7-TETRAHYDRO-PYRAZOLO[1,5-A]PYRIMIDINE ET DERIVES 2,3-DIHYDRO-1H-IMIDAZO[1,2-B]PYRAZOLE SUBSTITUES COMME INHIBITEURS DE ROS1**
[72] MEVELLEC, LAURENCE ANNE, FR
[72] JEANTY, MATTHIEU LUDOVIC, FR
[72] JOUSSEAUME, THIERRY FRANCOIS ALAIN JEAN, CH
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2016-08-30
[86] 2015-03-26 (PCT/EP2015/056501)
[87] (WO2015/144801)
[30] EP (14161959.3) 2014-03-27

[21] **2,941,207**
[13] A1
[51] **Int.Cl. A47J 42/06 (2006.01) A47J 31/06 (2006.01) A47J 31/42 (2006.01)**
[25] EN
[54] **DEVICE FOR GRINDING AND DOSING COFFEE**
[54] **DISPOSITIF DE MOUTURE ET DE DOSAGE DE CAFE**
[72] ZANETTI, MARTINO, IT
[71] HAUSBRANDT TRIESTE 1892 SPA, IT
[85] 2016-08-30
[86] 2015-02-27 (PCT/IB2015/051466)
[87] (WO2015/132701)
[30] IT (TV2014A000031) 2014-03-04

[21] **2,941,208**
[13] A1
[51] **Int.Cl. B65D 81/05 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **CONTROLLED ORIENTATION CONTAINERS**
[54] **RECIPIENTS D'ORIENTATION CONTROLEE**
[72] PETTI, LUCA, CA
[71] BTG INTERNATIONAL CANADA INC., CA
[85] 2016-08-30
[86] 2015-03-17 (PCT/IB2015/000356)
[87] (WO2015/140621)
[30] GB (1404769.0) 2014-03-17

[21] **2,941,215**
[13] A1
[51] **Int.Cl. C07D 213/75 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 2-ACYLIMINOPYRIDINE DERIVATIVE**
[54] **PROCEDE DE PRODUCTION DE DERIVE DE 2-ACYLIMINOPYRIDINE**
[72] NAKANISHI, NOZOMU, JP
[72] KITSUDA, SHIGEKI, JP
[72] FUKUDA, YOSHIMASA, JP
[71] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2016-08-30
[86] 2015-03-04 (PCT/JP2015/056409)
[87] (WO2015/137216)
[30] JP (2014-046202) 2014-03-10

[21] **2,941,217**
[13] A1
[51] **Int.Cl. C21D 9/50 (2006.01) B23K 31/00 (2006.01) C21D 1/42 (2006.01) C21D 9/04 (2006.01) E01B 5/02 (2006.01) H05B 6/36 (2006.01)**
[25] EN
[54] **HEAT TREATMENT DEVICE, HEAT TREATMENT METHOD, AND RAIL STEEL**
[54] **DISPOSITIF DE TRAITEMENT THERMIQUE, PROCEDE DE TRAITEMENT THERMIQUE, ET ACIER A RAIL**
[72] KARIMINE, KENICHI, JP
[72] UEDA, MASAHARU, JP
[72] SAITA, KENJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-08-30
[86] 2015-04-06 (PCT/JP2015/060713)
[87] (WO2015/156243)
[30] JP (2014-079489) 2014-04-08
[30] JP (2014-079503) 2014-04-08

[21] **2,941,220**
[13] A1
[51] **Int.Cl. B32B 15/08 (2006.01) B32B 15/082 (2006.01)**
[25] EN
[54] **CLEAR-COATED STAINLESS STEEL SHEET**
[54] **TOLE D'ACIER INOXYDABLE A REVETEMENT TRANSPARENT**
[72] ARIYOSHI, HARUKI, JP
[72] YASUDA, YOUICHIROU, JP
[71] NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION, JP
[85] 2016-08-30
[86] 2015-04-07 (PCT/JP2015/060857)
[87] (WO2015/156285)
[30] JP (2014-080375) 2014-04-09

[21] **2,941,222**
[13] A1
[51] **Int.Cl. F16H 57/04 (2010.01)**
[25] EN
[54] **LUBRICATING STRUCTURE FOR DIFFERENTIAL DEVICE**
[54] **STRUCTURE DE LUBRIFICATION POUR DISPOSITIF DE DIFFERENTIEL**
[72] OHMURA, JUN, JP
[72] SUENAGA, YUICHI, JP
[72] ONO, KOUJI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2016-08-30
[86] 2015-02-20 (PCT/JP2015/054808)
[87] (WO2015/137091)
[30] JP (2014-046722) 2014-03-10

[21] **2,941,226**
[13] A1
[51] **Int.Cl. G01S 13/86 (2006.01) G01S 19/45 (2010.01) G01C 21/26 (2006.01) G01S 13/89 (2006.01) G01S 13/93 (2006.01) G01S 17/89 (2006.01) G01S 17/93 (2006.01) G08G 1/00 (2006.01)**
[25] EN
[54] **CONSTRUCTION MACHINE CONTROL SYSTEM, CONSTRUCTION MACHINE, CONSTRUCTION MACHINE MANAGEMENT SYSTEM, AND CONSTRUCTION MACHINE CONTROL METHOD AND PROGRAM**
[54] **SYSTEME DE COMMANDE POUR ENGIN DE CHANTIER, ENGIN DE CHANTIER, SYSTEME DE GESTION POUR ENGIN DE CHANTIER, ET PROCEDE ET PROGRAMME DE COMMANDE POUR ENGIN DE CHANTIER**
[72] SAKAI, ATSUSHI, JP
[72] RYUMAN, MITSUHIRO, JP
[72] TOJIMA, MASANORI, JP
[72] NISHIJIMA, AKIHARU, JP
[71] KOMATSU LTD., JP
[85] 2016-08-30
[86] 2015-10-30 (PCT/JP2015/080864)
[87] (WO2016/060281)

[21] **2,941,227**
[13] A1
[51] **Int.Cl. G01S 13/86 (2006.01) G01S 19/45 (2010.01) G01C 21/26 (2006.01) G01S 13/89 (2006.01) G01S 13/93 (2006.01) G01S 17/89 (2006.01) G01S 17/93 (2006.01) G08G 1/00 (2006.01)**
[25] EN
[54] **CONSTRUCTION MACHINE CONTROL SYSTEM, CONSTRUCTION MACHINE, CONSTRUCTION MACHINE MANAGEMENT SYSTEM, AND CONSTRUCTION MACHINE CONTROL METHOD AND PROGRAM**
[54] **SYSTEME DE COMMANDE DE MACHINE DE CONSTRUCTION, MACHINE DE CONSTRUCTION, SYSTEME DE GESTION DE MACHINE DE CONSTRUCTION, ET METHODE ET PROGRAMME DE COMMANDE DE MACHINE DE CONSTRUCTION**
[72] SAKAI, ATSUSHI, JP
[72] RYUMAN, MITSUHIRO, JP
[72] TOJIMA, MASANORI, JP
[72] NISHIJIMA, AKIHARU, JP
[71] KOMATSU LTD., JP
[85] 2016-08-30
[86] 2015-10-30 (PCT/JP2015/080866)
[87] (WO2016/060282)

[21] **2,941,230**
[13] A1
[51] **Int.Cl. C07K 1/18 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING IMMUNOGLOBULIN**
[54] **PROCEDE DE PURIFICATION D'IMMUNOGLOBULINE**
[72] SON, KI-HWAN, KR
[72] KANG, YONG, KR
[72] PARK, DONG-HWAN, KR
[72] CHOI, SUNG MIN, KR
[72] SEO, KANG YUN, KR
[72] KIM, KI-YONG, KR
[71] GREEN CROSS HOLDINGS CORPORATION, KR
[85] 2016-08-30
[86] 2014-03-11 (PCT/KR2014/002020)
[87] (WO2015/137530)

[21] **2,941,231**
[13] A1
[51] **Int.Cl. B60Q 1/42 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR WORK MACHINE, WORK MACHINE, MANAGEMENT SYSTEM FOR WO RK MACHINE, AND MANAGEMENT METHOD FOR WORK MACHINE**
[54] **SYSTEME DE COMMANDE POUR ENGINS DE CHANTIER, ENGIN DE CHANTIER, SYSTEME DE GESTION POUR ENGINS DE CHANTIER ET PROCEDE DE GESTION POUR ENGINS DE CHANTIER**
[72] OGIHARA, MASANORI, JP
[72] NISHIJIMA, AKIHARU, JP
[71] KOMATSU LTD., JP
[85] 2016-08-30
[86] 2015-12-18 (PCT/JP2015/085544)
[87] (WO2016/093372)

[21] **2,941,232**
[13] A1
[51] **Int.Cl. C07K 1/36 (2006.01) C07K 1/18 (2006.01) C07K 1/30 (2006.01) C07K 1/34 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING IMMUNOGLOBULIN**
[54] **PROCEDE DE PURIFICATION D'IMMUNOGLOBULINE**
[72] PARK, DONG-HWAN, KR
[72] SON, KI-HWAN, KR
[72] SEO, KANG YUN, KR
[72] CHOI, SUNG MIN, KR
[72] LEE, GUN SUL, KR
[72] KIM, KI-YONG, KR
[71] GREEN CROSS HOLDINGS CORPORATION, KR
[85] 2016-08-30
[86] 2014-03-11 (PCT/KR2014/002021)
[87] (WO2015/137531)

[21] **2,941,233**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **WORK MACHINE CONTROL SYSTEM, WORK MACHINE, WORK MACHINE MANAGEMENT SYSTEM, AND METHOD FOR CONTROLLING WORK MACHINE**
[54] **SYSTEME DE COMMANDE D'ENGIN DE CHANTIER, ENGIN DE CHANTIER, SYSTEME DE GESTION D'ENGIN DE CHANTIER ET PROCEDE DE COMMANDE D'ENGIN DE CHANTIER**
[72] OGIHARA, MASANORI, JP
[72] TOJIMA, MASANORI, JP
[71] KOMATSU LTD., JP
[85] 2016-08-30
[86] 2015-11-30 (PCT/JP2015/083671)
[87] (WO2016/060283)

[21] **2,941,234**
[13] A1
[51] **Int.Cl. F23J 15/02 (2006.01)**
[25] EN
[54] **EMISSION REDUCTION DEVICE FOR A WOOD HEATER**
[54] **DISPOSITIF DE REDUCTION D'EMISSIONS POUR UN CHAUFFAGE A BOIS**
[72] GRACE, LANCE CARL, US
[72] GRACE, TYLER MAINORD, US
[71] GRACE, LANCE CARL, US
[71] GRACE, TYLER MAINORD, US
[85] 2016-08-30
[86] 2015-03-05 (PCT/US2015/019055)
[87] (WO2015/134804)
[30] US (61/948,095) 2014-03-05

[21] **2,941,235**
[13] A1
[51] **Int.Cl. F25D 23/02 (2006.01) E05B 1/02 (2006.01) E05B 65/44 (2006.01)**
[25] EN
[54] **REFRIGERATOR**
[54] **REFRIGERATEUR**
[72] LEE, HYUNG BUM, KR
[72] KIM, BEOM GON, KR
[72] SON, SU HYEONG, KR
[72] YOO, WOO YEOL, KR
[72] LEE, WAN HYEONG, KR
[72] SHIN, YOUN TAE, KR
[72] HWANG, JI SICK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-08-30
[86] 2015-03-11 (PCT/KR2015/002357)
[87] (WO2015/137725)
[30] KR (10-2014-0028617) 2014-03-11
[30] KR (10-2014-0096638) 2014-07-29

[21] **2,941,236**
[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01) A61K 38/00 (2006.01) C07K 7/08 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **POINT OF CARE ASSAYS TO DETECT THE STATUS OF TUBERCULOSIS INFECTION**
[54] **DOSAGES AU POINT D'INTERVENTION POUR DETECTER LE STATUT D'UNE INFECTION TUBERCULEUSE**
[72] MORITZ, ROBERT L., US
[72] SARTAIN, MARK, US
[72] SPACIL, ZDENEK, US
[72] KUSEBAUCH, ULRIKE, US
[72] CAMPBELL, DAVID, US
[71] INSTITUTE FOR SYSTEMS BIOLOGY, US
[85] 2016-08-30
[86] 2015-03-06 (PCT/US2015/019285)
[87] (WO2015/134928)
[30] US (61/949,857) 2014-03-07
[30] US (61/984,606) 2014-04-25

[21] **2,941,237**
[13] A1
[51] **Int.Cl. F25B 21/00 (2006.01)**
[25] EN
[54] **MAGNETIC REGENERATOR UNIT AND MAGNETIC COOLING SYSTEM WITH THE SAME**
[54] **UNITE DE REGENERATEUR MAGNETIQUE ET SYSTEME DE REFROIDISSEMENT MAGNETIQUE LA COMPORTANT**
[72] KIM, JIN HAN, KR
[72] PARK, IL HAN, KR
[72] KUK, KEON, KR
[72] CHOI, WOO HYEK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[71] RESEARCH AND BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY, KR
[85] 2016-08-30
[86] 2015-03-16 (PCT/KR2015/002519)
[87] (WO2015/142010)
[30] KR (10-2014-0031629) 2014-03-18

[21] **2,941,239**
[13] A1
[51] **Int.Cl. B32B 7/00 (2006.01) B32B 7/02 (2006.01) B32B 7/04 (2006.01) B32B 7/12 (2006.01) B32B 23/00 (2006.01) B32B 23/04 (2006.01) B32B 23/08 (2006.01) B32B 25/00 (2006.01) B32B 25/04 (2006.01) B32B 25/08 (2006.01) B32B 27/00 (2006.01) B32B 27/06 (2006.01) B32B 27/08 (2006.01) B32B 27/26 (2006.01) B32B 27/28 (2006.01)**
[25] EN
[54] **ROOFING MEMBRANES WITH PRE-APPLIED, CURED, PRESSURE-SENSITIVE SEAM ADHESIVES**
[54] **REVETEMENT D'ETANCHEITE A ADHESIFS D'ETANCHEITE SENSIBLES A LA PRESSION, DURCIS, PRE-APPLIQUES**
[72] TANG, JIANGSHENG, US
[72] CARR, JOSEPH, US
[72] MCJUNKINS, WILLIAM R., US
[72] HUBBARD, MICHAEL J., US
[72] WATKINS, CARL E., US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2016-08-30
[86] 2015-03-06 (PCT/US2015/019219)
[87] (WO2015/134889)
[30] US (61/949,317) 2014-03-07

[21] **2,941,240**
[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **DYNAMIC PLAYOUT OF AUDIBLE PUNCTUATION IN CONNECTION WITH PLAYOUT OF PLAYLIST CONTENT**
[54] **LECTURE DYNAMIQUE D'UNE PONCTUATION AUDIBLE EN LIAISON AVEC LA LECTURE D'UN CONTENU DE LISTE D'ECOUTE**
[72] PANGULURI, VENKATARAMA ANILKUMAR, US
[72] YEH, JOHN ZHENGHAO, US
[71] TRIBUNE DIGITAL VENTURES, LLC, US
[85] 2016-08-30
[86] 2014-12-18 (PCT/US2014/071206)
[87] (WO2015/134087)
[30] US (14/196,789) 2014-03-04

[21] **2,941,241**
[13] A1
[51] **Int.Cl. F16L 15/04 (2006.01) F16L 21/02 (2006.01) F16L 47/16 (2006.01)**
[25] EN
[54] **PIPE COUPLING**
[54] **RACCORDEMENT DE CONDUITS**
[72] STEFANI, YVES, FR
[72] LUCOTTE, ROLAND, FR
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS FRANCE, FR
[85] 2016-08-30
[86] 2015-03-10 (PCT/US2015/019717)
[87] (WO2015/138457)
[30] FR (1451948) 2014-03-10

[21] **2,941,242**
[13] A1
[51] **Int.Cl. B32B 1/08 (2006.01) B32B 27/32 (2006.01) F16L 11/04 (2006.01)**
[25] EN
[54] **MULTILAYER FLEXIBLE TUBE AND METHODS FOR MAKING SAME**
[54] **TUYAU FLEXIBLE MULTICOUCHE ET PROCEDES DE FABRICATION ASSOCIES**
[72] GARVER, WAYNE EDWARD, US
[72] LING, GERALD H., US
[72] GOLUB, CHARLES S., US
[72] MORRIS, KATHRYN J., US
[72] COLTON, MARK F., US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2016-08-30
[86] 2015-03-10 (PCT/US2015/019682)
[87] (WO2015/138433)
[30] US (61/950,602) 2014-03-10

[21] **2,941,243**
[13] A1
[51] **Int.Cl. F16K 11/07 (2006.01) B08B 3/02 (2006.01) B08B 9/027 (2006.01) F16K 11/06 (2006.01)**
[25] EN
[54] **HIGH PRESSURE FLUID SPRAY NOZZLE INCORPORATING A FLOW CONTROLLED SWITCHING VALVE**
[54] **BUSE DE PULVERISATION DE FLUIDE HAUTE PRESSION RENFERMANT UNE SOUPAPE DE COMMUTATION A ECOULEMENT REGULE**
[72] ANDERSEN, COLTON, US
[71] STONEAGE, INC., US
[85] 2016-08-30
[86] 2015-02-18 (PCT/US2015/016398)
[87] (WO2015/142460)
[30] US (61/955,056) 2014-03-18
[30] US (14/553,612) 2014-11-25

[21] **2,941,244**
[13] A1
[51] **Int.Cl. C08L 65/02 (2006.01) C08K 3/36 (2006.01)**
[25] EN
[54] **REINFORCED AND CROSSLINKED POLYARYLENES, METHODS OF MANUFACTURE, AND USES THEREOF**
[54] **POLYARYLENES RENFORCES ET RETICULES, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] ROY, SAYANTAN, US
[72] RICHARD, BENNETT M., US
[72] POTTS, JEFFREY R., US
[72] SADANA, ANIL K., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-08-30
[86] 2015-02-24 (PCT/US2015/017278)
[87] (WO2015/153014)
[30] US (14/244,184) 2014-04-03

[21] **2,941,246**
[13] A1
[51] **Int.Cl. G01K 11/32 (2006.01) E21B 49/00 (2006.01) G01K 13/10 (2006.01)**
[25] EN
[54] **DISTRIBUTED TEMPERATURE SENSOR ENHANCEMENT BY STIMULATED RAMAN SUPPRESSION**
[54] **AMELIORATION D'UN CAPTEUR DE TEMPERATURE DISTRIBUE PAR SUPPRESSION RAMAN STIMULEE**
[72] MITCHELL, IAN, US
[72] JOHNSTON, WILLIAM, US
[72] CHANDRAN, ASHWIN, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-08-30
[86] 2015-03-16 (PCT/US2015/020688)
[87] (WO2015/160459)
[30] US (61/979,195) 2014-04-14

[21] **2,941,247**
[13] A1
[51] **Int.Cl. H02K 5/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PREVENTING ROTATION OF ROTOR BEARINGS IN A STATOR**
[54] **SYSTEMES ET PROCEDES POUR EMPECHER LA ROTATION DE PALIERS DE ROTOR DANS UN STATOR**
[72] PERISHO, RANDAL, US
[72] KNAPP, JOHN M., US
[72] BRASHER, ANDREW J., US
[72] STEPHENS, JOHNEY W., US
[72] CAIN, SEAN A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-08-30
[86] 2015-02-24 (PCT/US2015/017282)
[87] (WO2015/134236)
[30] US (14/199,524) 2014-03-06

[21] **2,941,248**
[13] A1
[51] **Int.Cl. G01N 27/02 (2006.01)**
[25] EN
[54] **QUANTIFICATION OF A CHANGE IN ASSAY**
[54] **QUANTIFICATION D'UN CHANGEMENT LORS D'UN DOSAGE**
[72] GHAFFARI, ROOZBEH, US
[72] ARANYOSI, ALEXANDER, US
[72] LEE, STEPHEN, US
[71] MC10, INC., US
[85] 2016-08-30
[86] 2015-03-12 (PCT/US2015/020158)
[87] (WO2015/138712)
[30] US (61/952,076) 2014-03-12
[30] US (61/952,082) 2014-03-12

[21] **2,941,249**
[13] A1
[51] **Int.Cl. G01R 27/22 (2006.01)**
[25] EN
[54] **DRIVING CIRCUIT FOR A CONDUCTIVITY SENSOR**
[54] **CIRCUIT D'ATTAQUE POUR UN CAPTEUR DE CONDUCTIVITE**
[72] PRESS, EFREM, US
[72] LINDGREN, JON, US
[72] PRESS, JORDAN, US
[71] ATLAS SCIENTIFIC LLC, US
[85] 2016-08-30
[86] 2015-03-16 (PCT/US2015/020742)
[87] (WO2015/142728)
[30] US (61/954,134) 2014-03-17

[21] **2,941,250**
[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) G01B 21/20 (2006.01) G01D 21/02 (2006.01) G06K 9/46 (2006.01) G06K 9/62 (2006.01) G06N 3/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR AUTONOMOUS ROBOTIC CONTROL**
[54] **PROCEDES ET APPAREIL DE COMMANDE ROBOTIQUE AUTONOME**
[72] VERSACE, MASSIMILIANO, US
[72] GORSHECHNIKOV, ANATOLY, US
[71] NEURALA, INC., US
[85] 2016-08-30
[86] 2015-03-19 (PCT/US2015/021492)
[87] (WO2015/143173)
[30] US (61/955,755) 2014-03-19

[21] **2,941,256**
[13] A1
[51] **Int.Cl. H01H 9/34 (2006.01) H01H 71/02 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS, AND ARC CHUTE ASSEMBLY AND BARRIER MEMBER THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE, ET ENSEMBLE BOITE DE SOUFFLAGE ET ELEMENT DE BARRIERE ASSOCIE**
[72] SMELTZER, JAMES M., US
[72] DEVINE, JOHN E., US
[72] SISLEY, JAMES P., US
[71] EATON CORPORATION, US
[85] 2016-08-30
[86] 2015-04-02 (PCT/US2015/024002)
[87] (WO2015/183407)
[30] US (14/288,424) 2014-05-28

[21] **2,941,257**
[13] A1
[51] **Int.Cl. A47C 23/043 (2006.01)**
[25] EN
[54] **POCKETED SPRING ASSEMBLY**
[54] **ENSEMBLE A RESSORTS EN POCHE**
[72] EIGENMANN, GUIDO, US
[72] RICHMOND, DARRELL A., US
[72] WELLS, THOMAS W., US
[71] L&P PROPERTY MANAGEMENT COMPANY, US
[85] 2016-08-30
[86] 2015-04-30 (PCT/US2015/028456)
[87] (WO2015/195207)
[30] US (62/013,290) 2014-06-17
[30] US (14/309,099) 2014-06-19

[21] **2,941,258**
[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TOKEN-BASED APPLICATION MANAGEMENT**
[54] **PROCEDES ET SYSTEMES DE GESTION D'APPLICATIONS BASEE SUR DES JETONS**
[72] ABBATE, ALAIN D., US
[72] LEY, DAVID J., US
[72] THOMADSEN, TOMMY, DK
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-08-30
[86] 2015-02-27 (PCT/US2015/017911)
[87] (WO2015/134308)
[30] US (14/200,606) 2014-03-07

[21] **2,941,261**
[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **RECOMBINANT ISFAHAN VIRAL VECTORS**
[54] **VECTEURS VIRAUX D'ISFAHAN RECOMBINANTS**
[72] MATASSOV, DEMETRIUS, US
[72] GORCHAKOV, RODION V., US
[72] HAMM, STEFAN, US
[72] NOWAK, REBECCA, US
[72] SEYMOUR, ROBERT L., US
[72] ELDRIDGE, JOHN H., US
[72] TESH, ROBERT B., US
[72] CLARKE, DAVID K., US
[72] LATHAM, THERESA E., US
[72] WEAVER, SCOTT, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[71] PROFECTUS BIOSCIENCES, INC., US
[85] 2016-08-30
[86] 2015-02-27 (PCT/US2015/018156)
[87] (WO2015/134332)
[30] US (61/946,734) 2014-03-01

[21] **2,941,262**
[13] A1
[51] **Int.Cl. H01H 85/04 (2006.01) H01H 85/18 (2006.01)**
[25] EN
[54] **COMPACT HIGH VOLTAGE POWER FUSE AND METHODS OF MANUFACTURE**
[54] **FUSIBLE DE LIGNE HAUTE TENSION COMPACT ET PROCEDES DE FABRICATION**
[72] DOUGLASS, ROBERT STEPHEN, US
[72] FINK, JOHN MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2016-08-30
[86] 2015-05-26 (PCT/US2015/032422)
[87] (WO2015/183805)
[30] US (14/289,032) 2014-05-28
[30] US (14/321,038) 2014-07-01

[21] **2,941,265**
[13] A1
[51] **Int.Cl. D21H 17/69 (2006.01) C12N 9/10 (2006.01) D21H 19/36 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND PROCESSES FOR IMPROVING PROPERTIES OF FILLERS**
[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LES PROPRIETES DES CHARGES DE REMPLISSAGE**
[72] BERLIN, ALEX, US
[72] QUIINLAN, JASON, US
[72] BENYAMINO, ROMIL, US
[72] DELOZIER, GREGORY, US
[71] NOVOZYMES A/S, DK
[85] 2016-08-30
[86] 2015-03-02 (PCT/US2015/018314)
[87] (WO2015/134388)
[30] US (61/948,240) 2014-03-05

[21] **2,941,266**
[13] A1
[51] **Int.Cl. G01N 15/08 (2006.01) G01R 33/24 (2006.01) G01R 33/44 (2006.01)**
[25] EN
[54] **CORE SAMPLE HOLDER**
[54] **SUPPORT D'ECHANTILLON CAROTTE**
[72] PETERSON, RONALD W., US
[71] DAEDALUS INNOVATIONS LLC, US
[85] 2016-08-30
[86] 2015-03-05 (PCT/US2015/018871)
[87] (WO2015/142531)
[30] US (61/968,694) 2014-03-21

[21] **2,941,267**
[13] A1
[51] **Int.Cl. A01B 21/08 (2006.01) A01B 19/08 (2006.01) A01B 23/06 (2006.01)**
[25] EN
[54] **AGRICULTURAL GROUND ENGAGING CHAIN**
[54] **CHAINE DE TRAVAIL DU SOL AGRICOLE**
[72] AINGE, STEPHEN CHARLES, AU
[71] HARD METALS AUSTRALIA PTY LIMITED, AU
[85] 2016-08-31
[86] 2015-03-03 (PCT/AU2015/050086)
[87] (WO2015/131246)
[30] AU (2014900698) 2014-03-03

[21] **2,941,268**
[13] A1
[51] **Int.Cl. H03K 3/00 (2006.01)**
[25] EN
[54] **RECIPROCAL QUANTUM LOGIC COMPARATOR FOR QUBIT READOUT**
[54] **COMPARATEUR DE LOGIQUE QUANTIQUE INVERSE PERMETTANT UNE LECTURE D'UN BIT QUANTIQUE**
[72] MILLER, DONALD L., US
[72] NAAMAN, OFER, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2016-08-30
[86] 2015-03-05 (PCT/US2015/018956)
[87] (WO2015/178999)
[30] US (14/202,724) 2014-03-10

[21] **2,941,270**
[13] A1
[51] **Int.Cl. B60Q 1/00 (2006.01) B60W 40/068 (2012.01) B60W 40/06 (2012.01) G01B 11/06 (2006.01) G01N 21/31 (2006.01) G01N 21/35 (2014.01) G01N 21/47 (2006.01) G08B 19/02 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **VEHICLE HEADLIGHT WITH A DEVICE FOR DETERMINING ROAD CONDITIONS AND A SYSTEM FOR MONITORING ROAD CONDITIONS**
[54] **PROJECTEUR DE VEHICULE COMPORTANT UN DISPOSITIF POUR DETERMINER DES CONDITIONS DE LA ROUTE ET SYSTEME POUR SURVEILLER DES CONDITIONS DE LA ROUTE**
[72] SCHMITZ-HUBSCH, AXEL, DE
[71] G. LUFFT MESS- UND REGELTECHNIK GMBH, DE
[85] 2016-08-31
[86] 2014-03-03 (PCT/EP2014/054075)
[87] (WO2015/131923)

[21] **2,941,271**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **METHOD FOR TREATMENT OF OIL AND SAND CUTTINGS**
[54] **PROCEDE DE TRAITEMENT DE DEBLAIS DE PETROLE ET DE SABLE**
[72] ARATO, CLAUDIO, CA
[72] JANKE, TRAVIS, CA
[71] PROVECTUS ENGINEERED MATERIELS LTD., CA
[85] 2016-08-31
[86] 2014-03-05 (PCT/CA2014/050171)
[87] (WO2014/134726)
[30] US (61/773,005) 2013-03-05

[21] **2,941,273**
[13] A1
[51] **Int.Cl. G02B 27/00 (2006.01) A61B 1/06 (2006.01) G02B 1/00 (2006.01) H04N 7/015 (2006.01)**
[25] EN
[54] **RELAY LENS SYSTEM FOR BROADBAND IMAGING**
[54] **SYSTEME DE LENTILLE DE RELAIS POUR IMAGERIE A LARGE BANDE**
[72] MOORE, FREDERICK ALLEN, CA
[71] NOVADAQ TECHNOLOGIES INC., CA
[85] 2016-08-31
[86] 2015-03-03 (PCT/CA2015/050158)
[87] (WO2015/131278)
[30] US (61/947,776) 2014-03-04
[30] US (62/084,292) 2014-11-25

[21] **2,941,274**
[13] A1
[51] **Int.Cl. G02B 5/20 (2006.01) A61B 1/06 (2006.01) G02B 23/00 (2006.01) G03B 11/00 (2006.01) G02B 27/10 (2006.01)**
[25] EN
[54] **SPATIAL AND SPECTRAL FILTERING APERTURES AND OPTICAL IMAGING SYSTEMS INCLUDING THE SAME**
[54] **OUVERTURES DE FILTRAGE SPATIAL ET SPECTRAL ET SYSTEMES D'IMAGERIE OPTIQUE COMPORTANT CES DERNIERES**
[72] MOORE, FREDERICK ALLEN, CA
[71] NOVADAQ TECHNOLOGIES INC., CA
[85] 2016-08-31
[86] 2015-03-03 (PCT/CA2015/050162)
[87] (WO2015/131281)
[30] US (61/947,774) 2014-03-04
[30] US (62/077,730) 2014-11-10

[21] **2,941,276**
[13] A1
[51] **Int.Cl. C22C 38/26 (2006.01) C21D 8/00 (2006.01) C21D 9/00 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH BOLTING STEEL AND PREPARATION METHOD THEREFOR**
[54] **ACIER DE BOULONNERIE A HAUTE RESISTANCE ET PROCEDE DE PREPARATION S'Y RAPPORTANT**
[72] CHEN, RONGZHU, CN
[72] CHEN, XIN, CN
[72] ZHAO, SHEN, CN
[72] GONG, LIEQIAN, CN
[72] LIN, QUN, CN
[72] CHEN, JIANSHENG, CN
[72] PAN, SHIQI, CN
[72] CHEN, ZHI, CN
[72] ZHANG, XIAOMIN, CN
[72] CHEN, XIANHUI, CN
[72] LEI, HUAN, CN
[72] ZHU, QUANJUN, CN
[72] NIE, JINGKAI, CN
[72] XIAO, WEIMIN, CN
[72] LIN, LIN, CN
[72] LI, CHU, CN
[72] ZHENG, KE, CN
[72] LI, YONG, CN
[72] LI, WU, CN
[72] HUANG, RUI, CN
[72] YAN, JUNMIN, CN
[72] PAN, YIWEI, CN
[72] CHEN, CHANGJIE, CN
[72] LIU, BIN, CN
[72] YI, YONGLI, CN
[72] ZHENG, JIACHENG, CN
[72] WANG, HUA, CN
[71] STATE GRID CORPORATION OF CHINA (SGCC), CN
[71] STATE GRID ZHEJIANG ELECTRIC POWER COMPANY, CN
[71] WENZHOU ELECTRIC POWER SUPPLY COMPANY OF STATE GRID ZHEJIANG ELECTRIC POWER COMPANY, CN
[71] STATE GRID SMART GRID RESEARCH INSTITUTE, CN
[85] 2016-08-31
[86] 2014-07-09 (PCT/CN2014/081896)
[87] (WO2015/135268)
[30] CN (201410091577.8) 2014-03-13

[21] **2,941,306**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) A61B 3/113 (2006.01) G06F 3/01 (2006.01) H04N 13/04 (2006.01)**
[25] EN
[54] **EYE PROJECTION SYSTEM**
[54] **SYSTEME DE PROJECTION OCULAIRE**
[72] GREENBERG, BORIS, IL
[71] EYEWAY VISION LTD., IL
[85] 2016-08-31
[86] 2014-03-03 (PCT/IL2014/050210)
[87] (WO2015/132775)

[21] **2,941,308**
[13] A1
[51] **Int.Cl. H01M 10/0525 (2010.01) H01M 4/485 (2010.01) H01M 4/505 (2010.01) H01M 10/0585 (2010.01) H01M 10/0587 (2010.01) H01M 2/02 (2006.01) H01M 2/10 (2006.01) H01M 4/48 (2010.01) H01M 4/58 (2010.01)**
[25] EN
[54] **SECONDARY BATTERY, BATTERY PACK, ELECTRONIC DEVICE, ELECTRICALLY DRIVEN VEHICLE, STORAGE DEVICE, AND POWER SYSTEM**
[54] **BATTERIE RECHARGEABLE, BLOC-BATTERIE, DISPOSITIF ELECTRONIQUE, VEHICULE ELECTRIQUE, DISPOSITIF DE STOCKAGE D'ELECTRICITE, ET SYSTEME D'ALIMENTATION ELECTRIQUE**
[72] SAKAMOTO, TAKUMA, JP
[72] ASAKAWA, YUICHIRO, JP
[72] TAKAHASHI, SHO, JP
[71] SONY CORPORATION, JP
[85] 2016-08-31
[86] 2015-01-30 (PCT/JP2015/000421)
[87] (WO2015/151375)
[30] JP (2014-077106) 2014-04-03

[21] **2,941,313**
[13] A1
[51] **Int.Cl. H04W 12/04 (2009.01) H04W 12/08 (2009.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) G06Q 50/30 (2012.01) G07B 15/02 (2011.01) G07C 9/00 (2006.01)**
[25] FR
[54] **METHOD OF CONTROLLING ACCESS TO A RESERVE ZONE WITH CONTROL OF THE VALIDITY OF AN ACCESS ENTITLEMENT INSTALLED IN THE MEMORY OF A MOBILE TERMINAL**
[54] **PROCEDE DE CONTROLE D'ACCES A UNE ZONE RESERVEE AVEC CONTROLE DE LA VALIDITE D'UN TITRE D'ACCES STOCKE DANS LA MEMOIRE D'UN TERMINAL MOBILE**
[72] DAILLY, PHILIPPE, FR
[71] THALES, FR
[85] 2016-08-31
[86] 2015-03-03 (PCT/EP2015/054376)
[87] (WO2015/135793)
[30] FR (14 00597) 2014-03-12

[21] **2,941,316**
[13] A1
[51] **Int.Cl. H01M 10/0525 (2010.01) H01M 4/485 (2010.01) H01M 4/505 (2010.01) H01M 10/0585 (2010.01) H01M 10/0587 (2010.01) H01M 2/02 (2006.01) H01M 2/10 (2006.01) H01M 4/48 (2010.01) H01M 4/58 (2010.01)**
[25] EN
[54] **SECONDARY BATTERY, BATTERY PACK, ELECTRONIC DEVICE, ELECTRICALLY DRIVEN VEHICLE, STORAGE DEVICE, AND POWER SYSTEM**
[54] **BATTERIE RECHARGEABLE, BLOC DE BATTERIES, DISPOSITIF ELECTRONIQUE, VEHICULE ELECTRIQUE, DISPOSITIF DE STOCKAGE D'ELECTRICITE ET SYSTEME ELECTRIQUE**
[72] SAKAMOTO, TAKUMA, JP
[72] ASAKAWA, YUICHIRO, JP
[72] TAKAHASHI, SHO, JP
[71] SONY CORPORATION, JP
[85] 2016-08-31
[86] 2015-01-30 (PCT/JP2015/000423)
[87] (WO2015/151376)
[30] JP (2014-077107) 2014-04-03

[21] **2,941,319**
[13] A1
[51] **Int.Cl. C08L 27/06 (2006.01) B32B 5/18 (2006.01) B32B 27/30 (2006.01) B32B 27/40 (2006.01) C08K 5/10 (2006.01) C08K 5/12 (2006.01)**
[25] EN
[54] **VINYL CHLORIDE RESIN COMPOSITION, VINYL CHLORIDE RESIN MOLDED PRODUCT, AND LAMINATE**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE, OBJET MOULE EN UNE RESINE DE CHLORURE DE VINYLE, ET STRATIFIE**
[72] FUJIWARA, TAKANORI, JP
[71] ZEON CORPORATION, JP
[85] 2016-08-31
[86] 2015-03-06 (PCT/JP2015/001245)
[87] (WO2015/141171)
[30] JP (2014-054710) 2014-03-18

[21] **2,941,320**
[13] A1
[51] **Int.Cl. C08L 27/06 (2006.01) B29C 41/18 (2006.01) B32B 5/18 (2006.01) B32B 27/30 (2006.01) B32B 27/40 (2006.01) C08K 5/10 (2006.01)**
[25] EN
[54] **VINYL CHLORIDE RESIN COMPOSITION, VINYL CHLORIDE RESIN MOLDED PRODUCT, AND LAMINATE**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE, CORPS MOULE EN RESINE DE CHLORURE DE VINYLE, ET CORPS STRATIFIE**
[72] FUJIWARA, TAKANORI, JP
[71] ZEON CORPORATION, JP
[85] 2016-08-31
[86] 2015-03-10 (PCT/JP2015/001304)
[87] (WO2015/141181)
[30] JP (2014-055862) 2014-03-19
[30] JP (2014-055863) 2014-03-19

[21] **2,941,326**
[13] A1
[51] **Int.Cl. B01J 8/18 (2006.01) B01J 8/42 (2006.01) C01B 33/03 (2006.01)**
[25] EN
[54] **REACTOR AND PROCESS FOR PREPARING GRANULAR POLYSILICON**
[54] **REACTEUR ET PROCEDE DE PRODUCTION DE POLYSILICIUM GRANULAIRE**
[72] WECKESSER, DIRK, DE
[71] WACKER CHEMIE AG, DE
[85] 2016-08-31
[86] 2015-03-12 (PCT/EP2015/055143)
[87] (WO2015/140028)
[30] DE (10 2014 205 025.1) 2014-03-18

[21] **2,941,331**
[13] A1
[51] **Int.Cl. C09D 5/32 (2006.01) B32B 15/08 (2006.01) C09D 5/00 (2006.01) C21D 9/46 (2006.01) C23C 2/12 (2006.01) C23C 2/26 (2006.01) C23C 2/28 (2006.01)**
[25] FR
[54] **METHOD OF PRODUCING PRESS-HARDENED AND -COATED STEEL PARTS AT A HIGH PRODUCTIVITY RATE**
[54] **PROCEDE DE FABRICATION A HAUTE PRODUCTIVITE DE PIECES D'ACIER REVETUES ET DURCIES A LA PRESSE**
[72] DESSAIN, CHRISTINE, FR
[72] SANADRES, MICHEL, FR
[71] ARCELORMITTAL, LU
[85] 2016-08-30
[86] 2015-02-13 (PCT/IB2015/000143)
[87] (WO2015/150892)
[30] IB (PCT/IB2014/000455) 2014-03-31

[21] **2,941,334**
[13] A1
[51] **Int.Cl. G08B 1/08 (2006.01)**
[25] EN
[54] **AN INTERCHANGEABLE PERSONAL SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE PERSONNELLE INTERCHANGEABLE**
[72] ROS, JACQUELINE, US
[71] REVOLAR INC., US
[85] 2016-08-31
[86] 2014-03-04 (PCT/US2014/020420)
[87] (WO2014/138127)
[30] US (61/851,225) 2013-03-04
[30] US (61/827,725) 2013-05-27
[30] US (61/844,138) 2013-07-09

[21] **2,941,335**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MITOCHONDRIAL NON-CODING RNAS FOR PREDICTING DISEASE PROGRESSION IN HEART FAILURE AND MYOCARDIAL INFARCTION PATIENTS**
[54] **ARN MITOCHONDRIAUX NON CODANTS PERMETTANT DE PREDIRE L'EVOLUTION DE LA MALADIE CHEZ DES PATIENTS ATTEINTS D'INSUFFISANCE CARDIAQUE ET D'INFARCTUS DU MYOCARDE**
[72] THUM, THOMAS, DE
[72] KUMARSWAMY, REGALLA, DE
[72] PINET, FLORENCE, FR
[72] DE GROOTE, PASCAL, FR
[72] BAUTERS, CHRISTOPHE, FR
[71] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] INSTITUT PASTEUR DE LILLE (IPL), FR
[71] UNIVERSITE DE LILLE 2 (LILLE 2) - UNIVERSITY OF LAW AND HEALTH, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE LILLE (CHU), FR
[85] 2016-08-31
[86] 2015-03-18 (PCT/EP2015/055713)
[87] (WO2015/140224)
[30] EP (14160577.4) 2014-03-18

[21] **2,941,338**
[13] A1
[51] **Int.Cl. B29C 44/34 (2006.01) B29B 17/00 (2006.01) B29C 44/42 (2006.01) B29C 44/50 (2006.01)**
[25] EN
[54] **A PROCESS TO RECYCLE EXPANDABLE PLASTIC MATERIALS AND AN EXPANDABLE OR EXPANDED PLASTIC MATERIAL OBTAINABLE THEREBY**
[54] **PROCEDE DE RECYCLAGE DE MATIERES PLASTIQUES EXPANSIBLES ET MATERIAU PLASTIQUE EXPANSIBLE OU EXPANSEE POUVANT ETRE AINSI OBTENUE**
[72] FENNESSEY, SIAN FRANCES, CH
[72] NISING, PHILIP, CH
[72] WEBER, JORG, CH
[72] LIPPUNER, JAN, CH
[71] SULZER CHEMTECH AG, CH
[85] 2016-08-31
[86] 2014-11-06 (PCT/EP2014/073931)
[87] (WO2015/135604)
[30] EP (14158542.2) 2014-03-10

[21] **2,941,339**
[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 9/00 (2006.01) A61K 31/165 (2006.01) A61K 31/445 (2006.01) A61K 31/55 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **CENTRALLY ACTING ACETYLCHOLINESTERASE INHIBITORS FOR THE PREVENTION AND/OR TREATMENT OF CHEMICALLY INDUCED NEUROPATHIES AND THE SYMPTOMS THEREOF, AND CORRESPONDING COMPOSITIONS, USES, METHODS AND KIT**
[54] **INHIBITEURS DE L'ACETYLCHOLINESTERASE D'ACTION CENTRALE POUR LA PREVENTION ET/OU LE TRAITEMENT DES NEUROPATHIES CHIMIO-INDUITES ET LEURS SYMPTOMES, COMPOSITIONS, UTILISATIONS, METHODES ET TROUSSE CORRESPONDANTES**
[72] ESCHALIER, ALAIN, FR
[72] FERRIER, JEREMY, FR
[72] BALAYSSAC, DAVID, FR
[72] MARCHAND, FABIEN, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE CLERMONT FERRAND, FR
[71] UNIVERSITE D'AUVERGNE, FR
[85] 2016-08-31
[86] 2015-03-19 (PCT/EP2015/055836)
[87] (WO2015/140265)
[30] FR (1452348) 2014-03-20

[21] **2,941,340**
[13] A1
[51] **Int.Cl. B01D 27/14 (2006.01)**
[25] EN
[54] **A FILTER STRUCTURE FOR FUEL, A CARTRIDGE AND A FILTER GROUP**
[54] **STRUCTURE DE FILTRE POUR CARBURANT, CARTOUCHE ET GROUPE FILTRANT**
[72] GIRONDI, GIORGIO, IT
[71] UFI FILTERS S.P.A., IT
[71] UFI INNOVATION CENTER S.R.L., IT
[85] 2016-08-31
[86] 2015-03-18 (PCT/IB2015/000373)
[87] (WO2015/140626)
[30] IT (RE2014A000027) 2014-03-20

[21] **2,941,341**
[13] A1
[51] **Int.Cl. F16B 13/13 (2006.01) F16B 25/04 (2006.01) F16B 35/00 (2006.01)**
[25] EN
[54] **A STEEL STUD ANCHOR**
[54] **ANCRAGE A GOUJON EN ACIER**
[72] CALL, FRANKLIN JIRI, CA
[72] ROBBESON, MARK, CA
[71] CALL, FRANKLIN JIRI, CA
[71] ROBBESON, MARK, CA
[85] 2016-08-31
[86] 2015-02-26 (PCT/IB2015/000600)
[87] (WO2015/132664)
[30] US (14/194,679) 2014-03-01

[21] **2,941,344**
[13] A1
[51] **Int.Cl. B21B 19/04 (2006.01) B21B 27/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SEAMLESS METAL PIPE**
[54] **PROCEDE DE PRODUCTION POUR TUBE METALLIQUE SANS SOUDURE**
[72] HAYASHI, CHIHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-08-31
[86] 2015-03-16 (PCT/JP2015/001439)
[87] (WO2015/141211)
[30] JP (2014-056370) 2014-03-19

[21] **2,941,345**
[13] A1
[51] **Int.Cl. C08G 77/452 (2006.01) B01D 71/80 (2006.01)**
[25] EN
[54] **NOVEL POLYMERS AND PROCESS FOR MAKING MEMBRANES**
[54] **NOUVEAUX POLYMERES ET PROCEDE DE FABRICATION DE MEMBRANES**
[72] GRZELAKOWSKI, MARIUSZ PIOTR, US
[71] APPLIED BIOMIMETIC A/S, DK
[85] 2016-08-31
[86] 2015-03-24 (PCT/EP2015/056294)
[87] (WO2015/144725)
[30] GB (1405391.2) 2014-03-26

[21] **2,941,346**
[13] A1
[51] **Int.Cl. A61K 31/12 (2006.01) A61K 31/663 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **CO-ADMINISTRATION OF STEROIDS AND ZOLEDRONIC ACID TO PREVENT AND TREAT OSTEOARTHRITIS**
[54] **CO-ADMINISTRATION DE STEROIDES ET D'ACIDE ZOLEDRONIQUE POUR PREVENIR ET TRAITER L'OSTEOARTHRITE**
[72] DESAI, KETAN, US
[71] LEVOLTA PHARMACEUTICALS, INC., US
[85] 2016-08-31
[86] 2014-03-07 (PCT/US2014/022169)
[87] (WO2014/138712)
[30] US (13/791,685) 2013-03-08

[21] **2,941,349**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **CHARGING DEVICE, CHARGING CONTROL METHOD, ELECTRICITY STORAGE DEVICE, POWER STORAGE DEVICE, POWER SYSTEM, AND ELECTRIC VEHICLE**
[54] **DISPOSITIF DE CHARGE, PROCEDE DE COMMANDE DE CHARGE, DISPOSITIF DE STOCKAGE D'ELECTRICITE, DISPOSITIF DE STOCKAGE D'ENERGIE, SYSTEME D'ALIMENTATION ET VEHICULE ELECTRIQUE**
[72] SUGENO, NAOYUKI, JP
[72] ASAI, HISATO, JP
[72] KUMAGAI, EIJI, JP
[72] IMAMURA, NORITOSHI, JP
[72] UMETSU, KOJI, JP
[71] SONY CORPORATION, JP
[85] 2016-08-31
[86] 2015-03-18 (PCT/JP2015/001495)
[87] (WO2015/151432)
[30] JP (2014-078088) 2014-04-04

[21] **2,941,350**
[13] A1
[51] **Int.Cl. A01N 43/90 (2006.01) A01N 37/22 (2006.01) A01N 41/10 (2006.01) A01N 43/18 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01N 43/60 (2006.01) A01N 43/653 (2006.01) A01N 43/70 (2006.01) A01N 43/80 (2006.01) A01N 43/84 (2006.01) A01N 47/30 (2006.01) A01N 47/36 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS COMPRISING ISOXAZOLO[5,4-B]PYRIDINES**
[54] **COMPOSITIONS HERBICIDES COMPRENANT DES ISOXAZOLO [5,4-B] PYRIDINES**
[72] HUTZLER, JOHANNES, DE
[72] KRAUS, HELMUT, FR
[72] MICHROWSKA-PIANOWSKA, ANNA ALEKSANDRA, DE
[72] OTURKAR, YOGESH, IN
[72] NEWTON, TREVOR WILLIAM, DE
[72] TRESCH, STEFAN, DE
[72] LERCHL, JENS, DE
[72] SEITZ, THOMAS, DE
[72] EVANS, RICHARD ROGER, DE
[72] KREUZ, KLAUS, DE
[72] STEINBRENNER, ULRICH, DE
[71] BASF SE, DE
[85] 2016-08-31
[86] 2015-04-08 (PCT/EP2015/057613)
[87] (WO2015/155236)
[30] US (61/977,663) 2014-04-10

[21] **2,941,351**
[13] A1
[51] **Int.Cl. H04N 21/4385 (2011.01)**
[25] EN
[54] **RECEIVING DEVICE, RECEPTION METHOD, TRANSMITTING DEVICE, AND TRANSMISSION METHOD**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF DE TRANSMISSION, ET PROCEDE DE TRANSMISSION**
[72] KITAHARA, JUN, JP
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-08-31
[86] 2015-02-27 (PCT/JP2015/055745)
[87] (WO2015/137149)
[30] JP (2014-050927) 2014-03-14

[21] **2,941,352**
[13] A1
[51] **Int.Cl. G06N 3/04 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **NEURAL NETWORK AND METHOD OF NEURAL NETWORK TRAINING**
[54] **RESEAU NEURONAL ET PROCEDE D'APPRENTISSAGE DE RESEAU NEURONAL**
[72] PESCIANSCHI, DMITRI, US
[71] PROGRESS, INC., US
[85] 2016-08-31
[86] 2015-03-06 (PCT/US2015/019236)
[87] (WO2015/134900)
[30] US (61/949,210) 2014-03-06
[30] US (62/106,389) 2015-01-22

[21] **2,941,353**
[13] A1
[51] **Int.Cl. C07H 19/213 (2006.01)**
[25] EN
[54] **CRYSTALLINE 3',5'-CYCLIC DIGUANYLIC ACID**
[54] **ACIDE DIGUANYLIQUE 3',5'-CYCLIQUE SOUS FORME CRISTALLINE**
[72] TANAKA, HISAKI, JP
[72] ISHIGE, KAZUYA, JP
[71] YAMASA CORPORATION, JP
[85] 2016-08-31
[86] 2015-02-27 (PCT/JP2015/055975)
[87] (WO2015/133411)
[30] JP (2014-040108) 2014-03-03

[21] **2,941,355**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **THEMATIC REPOSITORIES FOR TRANSACTION MANAGEMENT**
[54] **REFERENTIELS THEMATIQUES POUR LA GESTION DE TRANSACTIONS**
[72] GERARDO, TREVINO ROJAS, US
[71] PAYBOOK, INC., US
[85] 2016-08-31
[86] 2014-03-09 (PCT/US2014/022215)
[87] (WO2014/164382)
[30] US (61/775,485) 2013-03-09
[30] US (61/775,869) 2013-03-11

[21] **2,941,357**
[13] A1
[51] **Int.Cl. A61K 38/04 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **NON-NARCOTIC CRMP2 PEPTIDES TARGETING SODIUM CHANNELS FOR CHRONIC PAIN**
[54] **PEPTIDES CRMP2 NON NARCOTIQUES CIBLANT DES CANAUX SODIQUES POUR LA DOULEUR CHRONIQUE**
[72] KHANNA, RAJESH, US
[72] KHANNA, MAY, US
[72] VANDERAH, TODD W., US
[72] DUSTRUDE, ERIK T., US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2016-08-31
[86] 2015-03-06 (PCT/US2015/019275)
[87] (WO2015/134920)
[30] US (61/949,456) 2014-03-07

[21] **2,941,358**
[13] A1
[51] **Int.Cl. G01R 31/00 (2006.01)**
[25] EN
[54] **DYNAMIC REAL TIME TRANSMISSION LINE MONITOR AND METHOD OF MONITORING A TRANSMISSION LINE USING THE SAME**
[54] **MONITEUR DE LIGNE DE TRANSMISSION DYNAMIQUE EN TEMPS REEL ET PROCEDE DE SURVEILLANCE D'UNE LIGNE DE TRANSMISSION LE METTANT EN □UVRE**
[72] LINDSEY, KEITH E., US
[72] SPILLANE, PHILIP E., US
[72] WANG, AN-CHYUN, US
[71] LINDSEY MANUFACTURING COMPANY, US
[85] 2016-08-31
[86] 2014-03-12 (PCT/US2014/024825)
[87] (WO2014/165217)
[30] US (13/796,614) 2013-03-12

[21] **2,941,361**
[13] A1
[51] **Int.Cl. F02D 9/08 (2006.01) B60K 13/04 (2006.01) F02D 9/04 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **ENGINE DEVICE**
[54] **DISPOSITIF MOTEUR**
[72] MITSUDA, MASATAKA, JP
[71] YANMAR CO., LTD., JP
[85] 2016-08-31
[86] 2015-03-04 (PCT/JP2015/056377)
[87] (WO2015/141470)
[30] JP (2014-059101) 2014-03-20

[21] **2,941,362**
[13] A1
[51] **Int.Cl. A61B 17/14 (2006.01)**
[25] EN
[54] **METHOD, IMPLANT & INSTRUMENTS FOR PERCUTANEOUS EXPANSION OF THE SPINAL CANAL**
[54] **PROCEDE, IMPLANT ET INSTRUMENTS POUR LA DILATATION PERCUTANEE DU CANAL RACHIDIEN**
[72] ANDERSON, D. GREG, US
[72] BEAMS, WAYNE, US
[72] MORRIS, ED, US
[72] RINEHART, JONATHAN, US
[71] INNOVATIVE SURGICAL DESIGNS, INC., US
[85] 2016-08-31
[86] 2015-03-06 (PCT/US2015/019281)
[87] (WO2015/134926)
[30] US (61/948,800) 2014-03-06
[30] US (61/948,924) 2014-03-06

[21] **2,941,363**
[13] A1
[51] **Int.Cl. B01J 27/26 (2006.01) B01J 37/00 (2006.01) C08G 65/26 (2006.01) C08G 77/46 (2006.01)**
[25] EN
[54] **HIGHLY ACTIVE DOUBLE METAL CYANIDE CATALYSTS AND PROCESSES FOR PREPARATION THEREOF**
[54] **CATALYSEURS A BASE DE CYANURE BIMETALLIQUE HAUTEMENT ACTIFS ET PROCEDE DE PRODUCTION**
[72] FIEDEL, OLGA, DE
[72] SCHUBERT, FRANK, DE
[72] FIEDEL, MICHAEL, DE
[72] KNOTT, WILFRIED, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-08-31
[86] 2015-04-28 (PCT/EP2015/059120)
[87] (WO2015/176920)
[30] DE (10 2014 209 407.0) 2014-05-19

[21] **2,941,364**
[13] A1
[51] **Int.Cl. F01N 3/28 (2006.01) F01N 13/00 (2010.01) F01N 3/02 (2006.01)**
[25] EN
[54] **ENGINE SYSTEM FOR WORKING MACHINE**
[54] **SYSTEME MOTEUR DESTINE A UNE MACHINE DE TRAVAIL**
[72] MITSUDA, MASATAKA, JP
[71] YANMAR CO., LTD., JP
[85] 2016-08-31
[86] 2015-03-04 (PCT/JP2015/056379)
[87] (WO2015/141472)
[30] JP (2014-054689) 2014-03-18

[21] **2,941,366**
[13] A1
[51] **Int.Cl. E21B 43/247 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DISINTEGRATING UNIT DOSE POD FOR WELL SERVICING FLUIDS**
[54] **POCHE DE DOSE UNITAIRE DE DESINTEGRATION POUR FLUIDES D'ENTRETIEN DE PUITS**
[72] ALWATTARI, ALI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-31
[86] 2014-04-01 (PCT/US2014/032543)
[87] (WO2015/152901)

[21] **2,941,367**
[13] A1
[51] **Int.Cl. H04N 21/238 (2011.01) H04N 21/643 (2011.01)**
[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, RECEIVING METHOD, AND PROGRAM**
[54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION ET PROGRAMME**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-08-31
[86] 2015-03-13 (PCT/JP2015/057533)
[87] (WO2015/146647)
[30] JP (2014-069940) 2014-03-28

[21] **2,941,370**
[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01) E21B 43/00 (2006.01) E21B 47/00 (2012.01) G01N 1/10 (2006.01) G01N 1/28 (2006.01) G01V 8/00 (2006.01) G02B 21/00 (2006.01)**
[25] EN
[54] **DETERMINING TREATMENT FLUID COMPOSITION USING A MINI-RESERVOIR DEVICE**
[54] **DETERMINATION DE COMPOSITION DE FLUIDE DE TRAITEMENT AU MOYEN D'UN DISPOSITIF A MINI-RESERVOIR**
[72] HE, KAI, US
[72] XU, LIANG, US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2016-08-31
[86] 2014-04-04 (PCT/US2014/032993)
[87] (WO2015/152942)

[21] **2,941,371**
[13] A1
[51] **Int.Cl. H01M 8/02 (2016.01) C08G 81/00 (2006.01) C08J 5/22 (2006.01) C08L 79/04 (2006.01) C08L 101/02 (2006.01) H01B 1/06 (2006.01) H01B 13/00 (2006.01) H01M 4/88 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **POLYMER ELECTROLYTE MEMBRANE, CATALYST COATED MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL**
[54] **MEMBRANE D'ELECTROLYTE POLYMERE ET PILE A COMBUSTIBLE A POLYMERE SOLIDE, ENSEMBLE MEMBRANE-ELECTRODE ET MEMBRANE D'ELECTROLYTE POURVUE D'UNE COUCHE DE CATALYSEUR UTILISANT CEUX-CI**
[72] KUNITA, TOMOYUKI, JP
[72] IZUHARA, DAISUKE, JP
[72] UMEDA, HIROAKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-08-31
[86] 2015-03-06 (PCT/JP2015/056586)
[87] (WO2015/133594)
[30] JP (2014-044749) 2014-03-07

[21] **2,941,372**
[13] A1
[51] **Int.Cl. C04B 35/00 (2006.01) B22D 11/10 (2006.01) B22D 41/32 (2006.01) B22D 41/54 (2006.01) C04B 35/101 (2006.01) F27D 1/00 (2006.01) F27D 3/14 (2006.01)**
[25] EN
[54] **REFRACTORY FOR CASTING, NOZZLE FOR CASTING AND SLIDING NOZZLE PLATE USING SAME**
[54] **MATERIAU REFRACTAIRE COULABLE, BUSE DE COULEE ET PLAQUE DE BUSE COULISSANTE UTILISANT CELUI-CI**
[72] AKAMINE, KEIICHIRO, JP
[72] ITO, KAZUO, JP
[72] MAKINO, TARO, JP
[71] KROSAKIHARIMA CORPORATION, JP
[85] 2016-08-31
[86] 2015-02-12 (PCT/JP2015/053817)
[87] (WO2015/151599)
[30] JP (2014-073350) 2014-03-31

[21] **2,941,374**
[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURED AMORPHOUS SILICA INCLUDING PRECIPITATED CALCIUM CARBONATE, COMPOSITIONS OF MATTER MADE THEREWITH, AND METHODS OF USE THEREOF**
[54] **SILICE AMORPHE STRUCTUREE FIBREUSE COMPRENANT DU CARBONATE DE CALCIUM PRECIPITE, COMPOSITIONS DE MATIERE FABRIQUEE AVEC CELLE-CI ET PROCEDES D'UTILISATION DE CELLE-CI**
[72] MATHUR, VIJAY K., US
[71] PACIFIC NANO PRODUCTS, INC., US
[85] 2016-08-31
[86] 2014-04-26 (PCT/US2014/035587)
[87] (WO2014/176579)
[30] US (61/816,649) 2013-04-26

[21] **2,941,375**
[13] A1
[51] **Int.Cl. H04N 21/472 (2011.01) H04N 21/45 (2011.01)**
[25] EN
[54] **GENERATING A PLAYLIST BASED ON A DATA GENERATION ATTRIBUTE**
[54] **GENERATION D'UNE LISTE D'ECOUTE SUR LA BASE D'UN ATTRIBUT DE GENERATION DE DONNEES**
[72] PANGULURI, VENKATARAMA ANILKUMAR, US
[72] YARRAM, VENKATA SUNIL KUMAR, US
[72] SUNKU, RAGHAVENDRA, US
[71] TRIBUNE DIGITAL VENTURES, LLC, US
[85] 2016-08-31
[86] 2014-12-30 (PCT/US2014/072812)
[87] (WO2015/134102)
[30] US (14/196,870) 2014-03-04

[21] **2,941,379**
[13] A1
[51] **Int.Cl. A63B 21/05 (2006.01)**
[25] EN
[54] **EXERCISE AID**
[54] **AIDE A L'EXERCICE**
[72] ATTALAH, OMAR, US
[71] ATTALAH, OMAR, US
[85] 2016-08-31
[86] 2014-02-21 (PCT/US2014/017532)
[87] (WO2014/133877)
[30] US (61/771,696) 2013-03-01
[30] US (14/183,657) 2014-02-19

[21] **2,941,380**
[13] A1
[51] **Int.Cl. A61K 31/415 (2006.01)**
[25] EN
[54] **HUMAN PLASMA KALLIKREIN INHIBITORS**
[54] **INHIBITEURS DE LA KALLICREINE PLASMATIQUE HUMAINE**
[72] KOTIAN, PRAVIN L., US
[72] BABU, YARLAGADDA S., US
[72] WU, MINWAN, US
[72] CHINTAREDDY, VENKAT R., US
[72] KUMAR, V. SATISH, US
[72] ZHANG, WEIHE, US
[71] BIOCRYST PHARMACEUTICALS, INC., US
[85] 2016-08-31
[86] 2015-03-09 (PCT/US2015/019535)
[87] (WO2015/134998)
[30] US (61/949,808) 2014-03-07
[30] US (61/981,515) 2014-04-18

[21] **2,941,381**
[13] A1
[51] **Int.Cl. A47F 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURING AND DISPLAYING PRODUCTS**
[54] **SYSTEMES ET PROCEDES DE FIXATION ET DE PRESENTATION DE PRODUITS**
[72] SCHAEFER, MARK, US
[72] BRENNER, STEVEN ALLEN, US
[72] VONDER HAAR, JOSEPH, US
[72] AYAD, EMAD, AU
[71] ISEE STORE INNOVATIONS, LLC, US
[85] 2016-08-31
[86] 2015-02-23 (PCT/US2015/017018)
[87] (WO2015/134211)
[30] US (61/949,679) 2014-03-07
[30] US (62/060,223) 2014-10-06
[30] US (14/623,679) 2015-02-17

[21] **2,941,382**
[13] A1
[51] **Int.Cl. G01N 27/02 (2006.01)**
[25] EN
[54] **TRI-ELECTRODE APPARATUS AND METHODS FOR MOLECULAR ANALYSIS**
[54] **APPAREIL TRI-ELECTRODE ET PROCEDES D'ANALYSE MOLECULAIRE**
[72] PRASAD, SHALINI, US
[72] SELVAM, ANJAN PANNEER, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-08-31
[86] 2015-03-06 (PCT/US2015/019158)
[87] (WO2015/134862)
[30] US (61/949,858) 2014-03-07
[30] US (62/110,141) 2015-01-30

[21] **2,941,383**
[13] A1
[51] **Int.Cl. G06F 12/0802 (2016.01)**
[25] EN
[54] **PROFILE-BASED CACHE MANAGEMENT**
[54] **GESTION D'ANTEMEMOIRE BASEE SUR DES PROFILS**
[72] NAIR, AAKARSH, US
[72] MOFFATT, BRYAN NICHOLAS, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-08-31
[86] 2015-03-11 (PCT/US2015/020003)
[87] (WO2015/138630)
[30] US (14/207,324) 2014-03-12

[21] **2,941,384**
[13] A1
[51] **Int.Cl. F16H 61/00 (2006.01) F01M 11/00 (2006.01) F16H 57/04 (2010.01)**
[25] EN
[54] **OIL SUPPLY STRUCTURE FOR POWER UNIT, AND POWER UNIT**
[54] **STRUCTURE D'ALIMENTATION EN HUILE POUR UNITE DE PUISSANCE, ET UNITE DE PUISSANCE**
[72] SUGIURA, HIROYUKI, JP
[72] SUZUKI, NORIYUKI, JP
[72] MIZUNO, KINYA, JP
[72] FUJIMOTO, YASUSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2016-08-31
[86] 2015-03-30 (PCT/JP2015/059864)
[87] (WO2015/152130)
[30] JP (2014-073681) 2014-03-31
[30] JP (2014-073882) 2014-03-31

[21] **2,941,385**
[13] A1
[51] **Int.Cl. A45D 34/00 (2006.01)**
[25] EN
[54] **COSMETIC APPLICATOR SYSTEM COMPRISING A MAGNIFYING CAP FOR A NON-FUNCTIONAL APPLICATOR HEAD**
[54] **SYSTEME D'APPLICATEUR DE COSMETIQUE COMPRENANT UN CAPUCHON GROSSISSANT POUR UNE TETE D'APPLICATEUR NON-FONCTIONNEL**
[72] CORBELLINI, FRANCIS, FR
[72] BOUIX, HERVE F., US
[71] ELC MANAGEMENT LLC, US
[85] 2016-08-31
[86] 2015-03-12 (PCT/US2015/020190)
[87] (WO2015/138730)
[30] US (14/207,784) 2014-03-13
[30] US (14/283,453) 2014-05-21

[21] **2,941,386**
[13] A1
[51] **Int.Cl. B30B 9/12 (2006.01) B01D 33/15 (2006.01) B30B 9/20 (2006.01)**
[25] EN
[54] **ROTARY FAN PRESS WITH AUGER**
[54] **PRESSE A VENTILATEUR ROTATIF AVEC TARIERE**
[72] DENDEL, JOSEPH W., US
[72] FLEES, JEFFREY ALLEN, US
[71] PRIME SOLUTION INC., US
[85] 2016-08-31
[86] 2015-04-07 (PCT/US2015/024634)
[87] (WO2015/157226)
[30] US (61/976,544) 2014-04-08

[21] **2,941,388**
[13] A1
[51] **Int.Cl. G08B 13/24 (2006.01)**
[25] EN
[54] **EAS PULSE TRANSMISSION SYNCHRONIZATION**
[54] **SYNCHRONISATION DE TRANSMISSION D'IMPULSIONS DE SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES**
[72] ALICOT, JORGE F., US
[72] SOTO, MANUEL A., US
[72] LUO, DANHUI, US
[72] ALLEN, JOHN A., US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2016-08-31
[86] 2015-02-24 (PCT/US2015/017373)
[87] (WO2015/127468)
[30] US (14/187,952) 2014-02-24

[21] **2,941,389**
[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) H02S 20/23 (2014.01) H02S 50/00 (2014.01) F24F 11/00 (2006.01) H01L 31/0256 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **BUILDING INTEGRATED PHOTOVOLTAIC DEVICES AS SMART SENSORS FOR INTELLIGENT BUILDING ENERGY MANAGEMENT SYSTEMS**
[54] **DISPOSITIFS PHOTOVOLTAIQUES INTEGRES A UN BATIMENT FAISANT OFFICE DE CAPTEURS INTELLIGENTS POUR DES SYSTEMES INTELLIGENTS DE GESTION ENERGETIQUE D'UN BATIMENT**
[72] CONKLIN, JOHN ANTHONY, US
[72] HAMMOND, SCOTT RYAN, US
[71] SOLARWINDOW TECHNOLOGIES, INC., US
[85] 2016-08-31
[86] 2014-02-28 (PCT/US2014/019423)
[87] (WO2014/134451)
[30] US (61/771,612) 2013-03-01

[21] **2,941,390**
[13] A1
[51] **Int.Cl. C05G 1/00 (2006.01) C05B 7/00 (2006.01) C05D 9/00 (2006.01) C05G 3/00 (2006.01) G05G 5/00 (2006.01)**
[25] EN
[54] **PHOSPHORUS ZINC MANGANESE FERTILIZER**
[54] **ENGRAIS A BASE DE MANGANESE, DE ZINC ET DE PHOSPHORE**
[72] GOODWIN, MARK, CA
[72] GREEN, KERRY, CA
[71] COMPASS MINERALS MANITOBA INC., CA
[85] 2016-09-01
[86] 2014-07-22 (PCT/CA2014/050691)
[87] (WO2015/131261)
[30] US (61/947,722) 2014-03-04

[21] **2,941,391**
[13] A1
[51] **Int.Cl. A45D 34/00 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **ACTUATOR WITH SELF-CONTAINED LIGHT SOURCE**
[54] **ACTIONNEUR DOTE D'UNE SOURCE LUMINEUSE AUTONOME**
[72] CORBELLINI, FRANCIS, FR
[72] BOUIX, HERVE F., US
[71] ELC MANAGEMENT LLC, US
[85] 2016-08-31
[86] 2015-03-17 (PCT/US2015/020981)
[87] (WO2015/142859)
[30] US (14/221,368) 2014-03-21

[21] **2,941,393**
[13] A1
[51] **Int.Cl. H01B 7/30 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER TRANSMISSION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRANSMISSION D'ENERGIE ELECTRIQUE**
[72] PICHKUR, YAROSLAV ANDREYEVITCH, US
[72] TIAJOLOFF, ANDREW L., US
[71] PICHKUR, YAROSLAV ANDREYEVITCH, US
[85] 2016-08-31
[86] 2014-03-03 (PCT/US2014/019823)
[87] (WO2014/137873)
[30] US (13/785,209) 2013-03-05

[21] **2,941,395**
[13] A1
[51] **Int.Cl. A61L 27/52 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **LIGHT-TRIGGERED SHAPE-CHANGEABLE HYDROGELS AND THEIR USE IN OPTICAL DEVICES**
[54] **FORME A AMORCAGE PAR IMPULSION DE LUMIERE HYDROGELS A TRANSITION ET LEUR UTILISATION DANS DES DISPOSITIFS OPTIQUES**
[72] GRUBBS, ROBERT H., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2016-08-31
[86] 2015-03-03 (PCT/US2015/018406)
[87] (WO2015/138187)
[30] US (61/952,280) 2014-03-13

[21] **2,941,397**
[13] A1
[51] **Int.Cl. C11D 3/50 (2006.01)**
[25] EN
[54] **PERFUME COMPOSITIONS CONTAINING ISOMERIC ALKADIENALS**
[54] **COMPOSITIONS DE PARFUMS CONTENANT DES ALCADIENALS ISOMERES**
[72] BEDOUKIAN, ROBERT H., US
[72] SWIERCZEK, KRZYSZTOF, US
[72] PESAK, DOUGLAS JAY, US
[72] ANSARI, HIFZUR R., US
[71] BEDOUKIAN RESEARCH, INC., US
[85] 2016-08-31
[86] 2015-08-19 (PCT/US2015/045894)
[87] (WO2016/028892)
[30] US (62/039,661) 2014-08-20

[21] **2,941,400**
[13] A1
[51] **Int.Cl. C01C 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AMMONIA PURIFICATION**
[54] **SYSTEMES ET PROCEDES D'EPURATION D'AMMONIAC**
[72] TAYLOR, MARTIN, US
[71] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
[85] 2016-08-31
[86] 2015-03-05 (PCT/US2015/019015)
[87] (WO2015/134778)
[30] US (61/948,112) 2014-03-05

[21] **2,941,402**
[13] A1
[51] **Int.Cl. C07C 255/07 (2006.01) A61Q 13/00 (2006.01) C11B 9/00 (2006.01)**
[25] EN
[54] **PERFUME COMPOSITONS CONTAINING ISOMERIC ALKADIENENITRILES**
[54] **COMPOSITIONS DE PARFUM CONTENANT DES ALCADIENENITRILES ISOMERES**
[72] BEDOUKIAN, ROBERT H., US
[72] SWIERCZEK, KRZYSZTOF, US
[72] PESAK, DOUGLAS JAY, US
[72] ANSARI, HIFZUR R., US
[71] BEDOUKIAN RESEARCH, INC., US
[85] 2016-08-31
[86] 2015-08-19 (PCT/US2015/045900)
[87] (WO2016/028897)
[30] US (62/039,668) 2014-08-20

[21] **2,941,403**
[13] A1
[51] **Int.Cl. F25B 43/00 (2006.01) F25J 3/00 (2006.01)**
[25] EN
[54] **AIR INTAKE SEPARATOR SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SEPARATEUR D'ADMISSION D'AIR**
[72] VALSLER, PETER, US
[72] HANDLEY, MICHAEL, US
[72] PENDRILL, PHILIP, US
[72] RUSSELL, ANDREW, US
[71] VEOTEC AMERICAS LLC, US
[85] 2016-08-31
[86] 2015-03-20 (PCT/US2015/021791)
[87] (WO2015/143348)
[30] US (61/968,627) 2014-03-21

[21] **2,941,405**
[13] A1
[51] **Int.Cl. A61K 39/295 (2006.01) A61K 39/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INCREASING A T-EFFECTOR CELL TO REGULATORY T CELL RATIO**
[54] **PROCEDES ET COMPOSITIONS POUR ACCROITRE LE RAPPORT DES LYMPHOCYTES T EFFECTEURS AUX LYMPHOCYTES T REGULATEURS**
[72] PETIT, ROBERT, US
[72] WALLECHA, ANU, US
[72] CHEN, ZHISONG, US
[72] BERZOFSKY, JAY A., US
[72] KHLEIF, SAMIR, US
[71] ADVAXIS, INC., US
[71] NATIONAL INSTITUTES OF HEALTH (NIH), U.S. DEPT. OF HEALTH AND HUMAN SERVICES (DHHS), U.S. GOVERNMENT NIH DIVISION OF EXTRAMURAL INVENTIONS AND TECHNOLOGY RESOURCES (DEITR), US
[85] 2016-08-31
[86] 2015-03-05 (PCT/US2015/018915)
[87] (WO2015/134722)
[30] US (61/948,453) 2014-03-05

[21] **2,941,406**
[13] A1
[51] **Int.Cl. G06F 9/455 (2006.01) E21B 44/00 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **OPTIMIZING OIL RECOVERY AND REDUCING WATER PRODUCTION IN SMART WELLS**
[54] **OPTIMISATION DE LA RECUPERATION DE PETROLE ET DIMINUTION DE LA PRODUCTION D'EAU DANS DES PUITS INTELLIGENTS**
[72] CARVAJAL, GUSTAVO, AE
[72] BOISVERT, IAN, CA
[72] KNABE, STEVEN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-08-31
[86] 2015-03-31 (PCT/US2015/023704)
[87] (WO2015/153680)
[30] US (61/973,680) 2014-04-01

[21] **2,941,407**
[13] A1
[51] **Int.Cl. D03D 15/00 (2006.01) D01F 8/00 (2006.01)**
[25] EN
[54] **FABRIC CONTAINING AN INTIMATE BLEND OF ANTISTATIC FIBERS ARRANGED IN A PATTERN**
[54] **TISSU CONTENANT UN MELANGE INTIME DE FIBRES ANTISTATIQUES AGENCEES SELON UN MOTIF**
[72] LIPSCOMB, LEE, US
[72] SELF, ROBERT, US
[71] SOUTHERN MILLS, INC., US
[85] 2016-08-31
[86] 2015-03-05 (PCT/US2015/018938)
[87] (WO2015/134732)
[30] US (61/948,314) 2014-03-05

[21] **2,941,409**
[13] A1
[51] **Int.Cl. G01T 1/164 (2006.01) A61B 6/00 (2006.01) G01T 1/20 (2006.01) G01T 1/208 (2006.01) G01T 1/202 (2006.01) G01T 1/203 (2006.01) G01T 7/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE DETECTION OF GAMMA RADIATION FROM A RADIOACTIVE ANALYTE**
[54] **SYSTEME DETECTEUR DE RAYONNEMENT GAMMA D'UN ANALYTE RADIOACTIF**
[72] KNOWLAND, JOSHUA G., US
[72] SCARANTINO, CHARLES W., US
[72] LATTANZE, RONALD K., US
[71] LUCERNO DYNAMICS, LLC, US
[85] 2016-08-31
[86] 2013-11-27 (PCT/US2013/072255)
[87] (WO2014/143222)
[30] US (13/840,925) 2013-03-15

[21] **2,941,410**
[13] A1
[51] **Int.Cl. B01D 53/52 (2006.01) C01C 1/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENHANCED SEPARATION OF HYDROGEN SULFIDE AND AMMONIA IN A HYDROGEN SULFIDE STRIPPER**
[54] **SYSTEMES ET PROCEDES PERMETTANT LA SEPARATION AMELIOREE DE SULFURE D'HYDROGENE ET D'AMMONIAC DANS UN DECAPANT DE SULFURE D'HYDROGENE**
[72] TAYLOR, MARTIN, US
[72] KIMTANTAS, CHARLES, US
[71] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
[85] 2016-08-31
[86] 2015-03-05 (PCT/US2015/019009)
[87] (WO2015/134774)
[30] US (61/948,118) 2014-03-05

[21] **2,941,411**
[13] A1
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/167 (2006.01) A61K 31/4164 (2006.01) A61P 1/16 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **CENICRIVIROC FOR THE TREATMENT OF FIBROSIS**
[54] **CENICRIVIROC POUR LE TRAITEMENT DE LA FIBROSE**
[72] LEFEBVRE, ERIC, US
[71] TOBIRA THERAPEUTICS, INC., US
[85] 2016-08-31
[86] 2015-03-20 (PCT/US2015/021828)
[87] (WO2015/143367)
[30] US (61/968,829) 2014-03-21
[30] US (62/024,713) 2014-07-15
[30] US (62/114,304) 2015-02-10

[21] **2,941,412**
[13] A1
[51] **Int.Cl. G06Q 20/12 (2012.01) G06Q 20/16 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **ROUTING PAYMENTS TO PAYMENT AGGREGATORS**
[54] **ROUTAGE DE PAIEMENTS VERS DES AGREGATEURS DE PAIEMENT**
[72] ZIMMERMAN, MAX, US
[72] AHMAD, WASEEM, US
[72] PARASURAM, YEGNASHANKAR, US
[72] COUTRON, ALEXANDRE, US
[71] FACEBOOK, INC., US
[85] 2016-08-31
[86] 2015-03-20 (PCT/US2015/021834)
[87] (WO2015/153155)
[30] US (14/243,745) 2014-04-02

[21] **2,941,413**
[13] A1
[51] **Int.Cl. B03C 3/28 (2006.01)**
[25] EN
[54] **AIR QUALITY ENHANCEMENT SYSTEM**
[54] **SYSTEME D'AMELIORATION DE QUALITE DE L'AIR**
[72] BAUMGARTNER, JOHN, US
[72] BAUMGARTNER, MATTHEW, US
[71] BAUMGARTNER ENVIRONICS, INC., US
[85] 2015-07-24
[86] 2014-02-10 (PCT/US2014/015616)
[87] (WO2014/124387)
[30] US (61/762,710) 2013-02-08

[21] **2,941,414**
[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **INJECTATE DELIVERY DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'ADMINISTRATION D'INJECTATS**
[72] KADAMUS, CHRISTOPHER J., US
[72] MANASAS, MARK A., US
[72] COATS, ANDREW, US
[72] CAPLAN, JAY, US
[72] RAJAGOPALAN, HARITH, US
[72] FLAHERTY, R. MAXWELL, US
[72] FLAHERTY, J. CHRISTOPHER, US
[71] FRACTYL LABORATORIES, INC., US
[85] 2016-08-31
[86] 2015-03-24 (PCT/US2015/022293)
[87] (WO2015/148541)
[30] US (61/969,417) 2014-03-24
[30] US (14/470,503) 2014-08-27
[30] US (14/515,324) 2014-10-15
[30] US (PCT/US2014/066829) 2014-11-21

[21] **2,941,415**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A61P 25/00 (2006.01) C07D 233/54 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING NEUROLOGICAL DISORDERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES NEUROLOGIQUES**
[72] TOLAR, MARTIN, US
[72] HEY, JOHN, US
[72] KOCIS, PETR, US
[72] YU, JEREMY, US
[71] ALZHEON, INC., US
[85] 2016-08-31
[86] 2015-03-23 (PCT/US2015/022058)
[87] (WO2015/143447)
[30] US (61/968,595) 2014-03-21

[21] **2,941,416**
[13] A1
[51] **Int.Cl. C07K 7/04 (2006.01) A61K 38/17 (2006.01)**
[25] EN
[54] **A CHIMERIC PEPTIDE THAT INTERACTS WITH CELL MEMBRANE GANGLIOSIDES**
[54] **PEPTIDE CHIMERE INTERAGISSANT AVEC LES GANGLIOSIDES DES MEMBRANES CELLULAIRES**
[72] FANTINI, JACQUES, FR
[72] YAHI, NOUARA, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[85] 2016-09-01
[86] 2015-03-10 (PCT/EP2015/054968)
[87] (WO2015/135942)
[30] EP (14305353.6) 2014-03-11

[21] **2,941,417**
[13] A1
[51] **Int.Cl. B28B 3/08 (2006.01) B28B 7/18 (2006.01) B30B 11/02 (2006.01) E04B 2/16 (2006.01)**
[25] EN
[54] **MACHINE FOR MAKING INTERLOCKING AND INTERFITTING MASONRY UNITS AND MASONRY SYSTEM THEREOF**
[54] **MACHINE DE DE FABRICATION D'UNITES DE MACONNERIE A EMBOITEMENT ET BLOCAGE RECIPROQUES ET SYSTEME DE MACONNERIE CORRESPONDANT**
[72] SACHCHIDA, NAND SINHA, IN
[71] SACHCHIDA, NAND SINHA, IN
[85] 2016-08-30
[86] 2014-10-30 (PCT/IN2014/000688)
[87] (WO2015/079454)
[30] IN (3485/DEL/2013) 2013-11-29

[21] **2,941,419**
[13] A1
[51] **Int.Cl. D02G 3/02 (2006.01) D01D 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING FIBRE YARN**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE FIL DE FIBRE**
[72] SALMELA, JUHA, FI
[72] WIDMAIER, THOMAS, FI
[72] KUOSMANEN, PETRI, FI
[72] KIVILUOMA, PANU, FI
[72] LIUKKONEN, JOHANNA, FI
[72] KOSKINEN, HANS, FI
[72] STARK, TUOMAS, FI
[72] ISOMAA, TUOMAS, FI
[72] LEHTO, JYRI, FI
[71] SPINNOVA OY, FI
[85] 2016-09-01
[86] 2015-04-10 (PCT/FI2015/050248)
[87] (WO2015/158955)
[30] FI (20145360) 2014-04-15

[21] **2,941,424**
[13] A1
[51] **Int.Cl. C22B 3/10 (2006.01) B01D 3/00 (2006.01) C01B 7/07 (2006.01) C22B 3/22 (2006.01) C01G 23/047 (2006.01) C22B 34/12 (2006.01)**
[25] EN
[54] **THE PRODUCTION OF HIGH-GRADE SYNTHETIC RUTILE FROM LOW-GRADE TITANIUM-BEARING ORES**
[54] **PRODUCTION DE RUTILE SYNTHETIQUE DE HAUTE QUALITE A PARTIR DE MINERAIS CONTENANT DU TITANE DE QUALITE**
[72] KAMALEDDINE, FOUAD F., CA
[71] KAMALEDDINE, FOUAD F., CA
[85] 2016-09-01
[86] 2015-02-27 (PCT/CA2015/000128)
[87] (WO2015/131266)
[30] US (61/948,319) 2014-03-05

[21] **2,941,431**
[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01) H04N 21/643 (2011.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **SIMPLE VIDEO COMMUNICATION PLATFORM**
[54] **SIMPLE PLATE-FORME DE COMMUNICATION VIDEO**
[72] NUR, RUQIA MOHAMUD, CA
[72] WILES, RICHARD KELLY, US
[72] SHIBAEV, GEORGIY, CA
[72] PAQUET, MICHEL, CA
[71] AETONIX SYSTEMS, CA
[85] 2016-09-01
[86] 2015-03-27 (PCT/IB2015/052290)
[87] (WO2015/145401)
[30] US (61/971,929) 2014-03-28
[30] US (62/037,731) 2014-08-15
[30] US (62/051,036) 2014-09-16

[21] **2,941,432**
[13] A1
[51] **Int.Cl. H01H 33/66 (2006.01) H01H 33/668 (2006.01)**
[25] EN
[54] **VACUUM LOSS DETECTION**
[54] **DETECTION DE PERTE DE VIDE**
[72] KOVACICH, JOHN, US
[72] STOVING, PAUL, US
[72] HASTREITER, CHRISTOPHER, US
[72] WEISBURGH, ROSE, US
[72] SCHUETZ, ROBERT, US
[72] SLETSON, LISA, US
[72] DAHARSH, ROSS, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2016-08-31
[86] 2015-05-11 (PCT/US2015/030121)
[87] (WO2015/175396)
[30] US (61/991,884) 2014-05-12

[21] **2,941,433**
[13] A1
[51] **Int.Cl. G01S 7/497 (2006.01) G01B 11/16 (2006.01) G01B 21/00 (2006.01) G01B 21/32 (2006.01) G01C 3/06 (2006.01) G01S 7/481 (2006.01) G01S 17/88 (2006.01)**
[25] EN
[54] **DISTANCE MEASURING APPARATUS AND DISTANCE MEASURING METHOD**
[54] **APPAREIL DE MESURE DE DISTANCE ET PROCEDE DE MESURE DE DISTANCE**
[72] NISHIDA, HIDETAKA, JP
[71] THE CHUGOKU ELECTRIC POWER CO., INC., JP
[85] 2016-09-01
[86] 2014-03-12 (PCT/JP2014/056564)
[87] (WO2015/136652)

[21] **2,941,434**
[13] A1
[51] **Int.Cl. H04W 16/14 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **DEVICE AND METHOD**
[54] **APPAREIL ET PROCEDE**
[72] TAKANO, HIROAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-09-01
[86] 2014-12-17 (PCT/JP2014/083387)
[87] (WO2015/136808)
[30] JP (2014-052066) 2014-03-14

[21] **2,941,438**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01)**
[25] EN
[54] **CONDUIT GUIDING TIP**
[54] **POINTE DE GUIDAGE DANS UN PASSAGE**
[72] FRANKLIN, CURTIS, US
[71] PRYTIME MEDICAL DEVICES, INC., US
[85] 2016-08-31
[86] 2015-06-10 (PCT/US2015/035061)
[87] (WO2015/191685)
[30] US (62/010,297) 2014-06-10

[21] **2,941,439**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR VIRTUAL FILE STORAGE AND ENCRYPTION**
[54] **PROCEDES ET SYSTEMES POUR UN STOCKAGE ET UN CHIFFREMENT DE FICHIER VIRTUEL**
[72] SAYED, SAHEEQ, GB
[72] KONDZIELEWSKA, KAROLINA, GB
[72] EIKENBERRY, JOHN, GB
[71] LIVEDRIVE INTERNET LIMITED, GB
[85] 2016-09-01
[86] 2016-02-10 (PCT/GB2016/050317)
[87] (WO2016/128746)
[30] GB (1550226.2) 2015-02-11

[21] **2,941,440**
[13] A1
[51] **Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **GLENOID ARTHROPLASTY**
[54] **ARTHROPLASTIE GLENOIDIENNE**
[72] GOLDBERG, STEVEN S., US
[71] CATALYST ORTHOPAEDICS LLC, US
[85] 2016-09-01
[86] 2014-03-07 (PCT/US2014/021567)
[87] (WO2014/164265)
[30] US (61/776,398) 2013-03-11
[30] US (14/042,258) 2013-09-30

[21] **2,941,441**
[13] A1
[51] **Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **HUMERAL ARTHROPLASTY**
[54] **ARTHROPLASTIE HUMERALE**
[72] GOLDBERG, STEVEN S., US
[72] JUSTIN, DANIEL F., US
[71] CATALYST ORTHOPAEDICS LLC, US
[85] 2016-09-01
[86] 2014-03-07 (PCT/US2014/021576)
[87] (WO2014/149936)
[30] US (61/794,348) 2013-03-15
[30] US (14/069,154) 2013-10-31

[21] **2,941,442**
[13] A1
[51] **Int.Cl. C07D 207/333 (2006.01) A61K 31/40 (2006.01) A61P 3/10 (2006.01) C07D 207/34 (2006.01)**
[25] EN
[54] **BICYCLIC PYRROLE DERIVATIVES USEFUL AS AGONISTS OF GPR120**
[54] **DERIVES BICYCLIQUES DE PYRROLE, UTILES COMME AGONISTES DE GPR120**
[72] SUI, ZHIHUA, US
[72] WINTERS, MICHAEL P., US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2016-09-01
[86] 2014-03-07 (PCT/US2014/021762)
[87] (WO2015/134038)

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[21] **2,941,443**
[13] A1
[51] **Int.Cl. G21H 1/12 (2006.01) H05H 1/48 (2006.01)**
[25] EN
[54] **PHOTOVOLTAIC POWER GENERATION SYSTEMS AND METHODS REGARDING SAME**
[54] **SYSTEMES DE PRODUCTION D'ENERGIE PHOTOVOLTAIQUE ET PROCEDES ASSOCIES**
[72] MILLS, RANDELL, US
[71] BRILLIANT LIGHT POWER, INC., US
[85] 2016-08-31
[86] 2014-04-01 (PCT/US2014/032584)
[87] (WO2015/134047)
[30] US (61/947,019) 2014-03-03
[30] US (61/949,271) 2014-03-07
[30] US (61/968,839) 2014-03-21
[30] US (61/972,807) 2014-03-31

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[21] **2,941,444**
[13] A1
[51] **Int.Cl. H04W 16/14 (2009.01) H04W 72/04 (2009.01) H04W 74/08 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **DEVICE**
[54] **DISPOSITIF**
[72] TAKANO, HIROAKI, JP
[71] SONY CORPORATION, JP
[85] 2016-09-01
[86] 2015-01-29 (PCT/JP2015/052585)
[87] (WO2015/141293)
[30] JP (2014-055144) 2014-03-18

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[21] **2,941,445**
[13] A1
[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/50 (2006.01) A61P 3/08 (2006.01) C07D 275/02 (2006.01) C07D 419/04 (2006.01)**
[25] EN
[54] **ISOTHIAZOLE DERIVATIVES AS GPR120 AGONISTS FOR THE TREATMENT OF TYPE II DIABETES**
[54] **DERIVES ISOTHIAZOLE UTILES EN TANT QU'AGONISTES DE GPR120 POUR LE TRAITEMENT DU DIABETE DE TYPE II**
[72] ILLIG, CARL R., US
[72] PLAYER, MARK R., US
[72] ZHANG, XUQING, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2016-09-01
[86] 2014-03-07 (PCT/US2014/021775)
[87] (WO2015/134039)

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[21] **2,941,446**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/445 (2006.01) A61K 47/34 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PATCH PREPARATION**
[54] **PREPARATION DE TIMBRE**
[72] KAWAKAMI, SATOSHI, JP
[71] TEIKOKU SEIYAKU CO., LTD., JP
[85] 2016-09-01
[86] 2015-02-24 (PCT/JP2015/055173)
[87] (WO2015/133329)
[30] JP (2014-044252) 2014-03-06

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[21] **2,941,448**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01) B60N 2/427 (2006.01)**
[25] EN
[54] **CHILD SEAT WITH IMPACT DISPERSAL DEVICE**
[54] **SIEGE POUR ENFANTS AVEC DISPOSITIF DE DISPERSION D'IMPACT**
[72] LOVE, PHILLIP, US
[71] LOVE, PHILLIP, US
[85] 2016-09-01
[86] 2014-03-12 (PCT/US2014/024031)
[87] (WO2014/159534)
[30] US (61/783,977) 2013-03-14

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[21] **2,941,449**
[13] A1
[51] **Int.Cl. C11D 3/32 (2006.01) C11D 1/02 (2006.01) C11D 3/43 (2006.01)**
[25] EN
[54] **ALKYL AMIDES FOR ENHANCED FOOD SOIL REMOVAL AND ASPHALT DISSOLUTION**
[54] **ALKYLAMIDES POUR UNE ELIMINATION AMELIOREE DES TACHES D'ORIGINE ALIMENTAIRE ET LA DISSOLUTION DES ASPHALTES**
[72] BLATTNER, AMANDA RUTH, US
[72] HODGE, CHARLES ALLEN, US
[72] LEVITT, MARK DENNIS, US
[72] PEITERSEN, NATHAN D., US
[71] ECOLAB USA INC., US
[85] 2016-09-01
[86] 2015-02-11 (PCT/US2015/015466)
[87] (WO2015/134163)
[30] US (14/201,265) 2014-03-07

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[21] **2,941,450**
[13] A1
[51] **Int.Cl. H03M 13/19 (2006.01) H03M 13/27 (2006.01)**
[25] EN
[54] **DATA PROCESSING DEVICE AND DATA PROCESSING METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] IKEGAYA, RYOJI, JP
[72] YAMAMOTO, MAKIKO, JP
[72] SHINOHARA, YUJI, JP
[71] SONY CORPORATION, JP
[85] 2016-09-01
[86] 2015-03-06 (PCT/JP2015/056597)
[87] (WO2015/141489)
[30] JP (2014-056461) 2014-03-19

[21] **2,941,452**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01) A61K 31/444 (2006.01) A61P 33/14 (2006.01)**
[25] EN
[54] **FUSED HETEROCYCLIC COMPOUND AND PEST CONTROL APPLICATION THEREOF**
[54] **COMPOSE HETEROCYCLIQUE CONDENSE ET SON UTILISATION POUR LUTTER CONTRE LES RAVAGEURS**
[72] TANABE, TAKAMASA, JP
[72] MIZUNO, HAJIME, JP
[72] OKAMOTO, HIROSHI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2016-09-01
[86] 2015-03-06 (PCT/JP2015/056647)
[87] (WO2015/133603)
[30] JP (2014-044688) 2014-03-07

[21] **2,941,454**
[13] A1
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 19/22 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PURGING COIL TUBING USING ONSITE GAS**
[54] **PROCEDE ET SYSTEME POUR PURGER UNE TUBULURE EN SERPENTIN A L'AIDE D'UN GAZ SUR LE TERRAIN**
[72] SHERMAN, SCOTT, CA
[71] TRICAN WELL SERVICE LTD., CA
[85] 2016-09-01
[86] 2015-03-05 (PCT/CA2015/050166)
[87] (WO2015/131284)
[30] US (61/948,732) 2014-03-06

[21] **2,941,463**
[13] A1
[51] **Int.Cl. H02P 25/18 (2006.01) H02K 17/14 (2006.01) H02P 1/32 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **MULTI-SPEED ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE MULTI-VITESSE**
[72] PATRICK, CHARLES, US
[72] WILLIAMS, KEVIN R., US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
[85] 2016-08-15
[86] 2015-03-12 (PCT/US2015/020241)
[87] (WO2015/138766)
[30] US (14/656,370) 2014-03-12
[30] US (61/952,463) 2014-03-13

[21] **2,941,465**
[13] A1
[51] **Int.Cl. G10L 19/002 (2013.01)**
[25] EN
[54] **SIGNAL PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAL**
[72] ZHOU, XUAN, CN
[72] MIAO, LEI, CN
[72] LIU, ZEXIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-09-01
[86] 2014-12-01 (PCT/CN2014/092658)
[87] (WO2015/139477)
[30] CN (201410101859.1) 2014-03-19

[21] **2,941,467**
[13] A1
[51] **Int.Cl. A01B 29/04 (2006.01)**
[25] EN
[54] **AN AGRICULTURAL ROLLER RING AND A LAND PACKER COMPRISING A SET OF SUCH AGRICULTURAL ROLLER RINGS**
[54] **ANNEAU DE ROULEAU AGRICOLE ET CULTITASSEUR COMPRENANT UN ENSEMBLE DE CES ANNEAUX DE ROULEAU AGRICOLE**
[72] NATHANY, AMIT, IN
[71] DAL-BO A/S, DK
[85] 2016-09-01
[86] 2014-10-13 (PCT/DK2014/050326)
[87] (WO2015/131901)
[30] DK (PA 2014 70102) 2014-03-04

[21] **2,941,468**
[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **BRACE HAVING ELASTIC AND INELASTIC PORTIONS**
[54] **ORTHESE AYANT DES PARTIES ELASTIQUES ET NON ELASTIQUES**
[72] GARTH, GEOFFREY, US
[72] BURKE, STEVEN, US
[71] ASPEN MEDICAL PARTNERS, LLC, US
[85] 2016-09-07
[86] 2015-03-09 (PCT/US2015/019530)
[87] (WO2015/134997)
[30] US (61/949,934) 2014-03-07

[21] **2,941,469**
[13] A1
[51] **Int.Cl. G06T 11/80 (2006.01) G06F 3/0488 (2013.01) G06F 3/048 (2013.01)**
[25] EN
[54] **INFORMATION PROCESSING METHOD, INFORMATION PROCESSING DEVICE, AND PROGRAM**
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS, DISPOSITIF DE TRAITEMENT D'INFORMATIONS, ET PROGRAMME**
[72] IRIE, HIRONORI, JP
[72] TERASHITA, TOSHIYUKI, JP
[72] SASAKI, TOMOHIKO, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-09-01
[86] 2015-03-10 (PCT/JP2015/057609)
[87] (WO2015/141605)
[30] JP (2014-054782) 2014-03-18

[21] **2,941,471**
[13] A1
[51] **Int.Cl. F24J 2/54 (2006.01) F24J 2/52 (2006.01) H01L 31/042 (2014.01)**
[25] EN
[54] **SOLAR TRACKER ASSEMBLY**
[54] **ENSEMBLE SUIVEUR SOLAIRE**
[72] REMY, THIERRY, FR
[72] HEREMBERT, PATRICK, FR
[71] SOITEC SOLAR GMBH, DE
[85] 2016-09-01
[86] 2014-03-05 (PCT/EP2014/000555)
[87] (WO2014/135273)
[30] FR (1351965) 2013-03-05

[21] **2,941,474**
[13] A1
[51] **Int.Cl. C07D 235/08 (2006.01) A61K 31/4184 (2006.01) A61K 31/4439 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/08 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS**
[54] **DERIVES DE BENZIMIDAZOLE ET COMPOSITIONS PHARMACEUTIQUES DE CEUX-CI POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES**
[72] MENET, CHRISTEL JEANNE MARIE, BE
[72] MAMMOLITI, OSCAR, BE
[72] BLANC, JAVIER, BE
[72] ORSULIC, MISLAV, HR
[72] ROSCIC, MAJA, HR
[71] GALAPAGOS NV, BE
[85] 2016-09-01
[86] 2015-01-19 (PCT/EP2015/050850)
[87] (WO2015/110378)
[30] GB (1401086.2) 2014-01-23

[21] **2,941,475**
[13] A1
[51] **Int.Cl. C12N 9/10 (2006.01) C08L 33/04 (2006.01) C12N 9/14 (2006.01) C12N 9/88 (2006.01) C12N 9/90 (2006.01)**
[25] EN
[54] **GRANULES COMPRISING ISOMALTULOSE SYNTHASE**
[54] **GRANULE CONTENANT UNE ENZYME ET UN POLYMERE D'ALKYL(METH)ACRYLATE**
[72] HELLMERS, FRANK, DE
[72] HULLER, THOMAS, DE
[72] DASSINGER, THOMAS, DE
[72] THUM, OLIVER, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-09-01
[86] 2015-03-03 (PCT/EP2015/054361)
[87] (WO2015/132230)
[30] DE (10 2014 203 964.9) 2014-03-05

[21] **2,941,476**
[13] A1
[51] **Int.Cl. A61L 15/20 (2006.01) A61L 15/40 (2006.01)**
[25] EN
[54] **HYGIENE ARTICLE COMPRISING AN EFFECTIVE ODOUR CONTROL SYSTEM**
[54] **ARTICLE D'HYGIENE COMPRENANT UN SYSTEME D'ELIMINATION EFFICACE DES ODEURS**
[72] DHOOGE, LIEVEN, BE
[71] ONTEX BVBA, BE
[85] 2016-09-01
[86] 2015-03-03 (PCT/EP2015/054438)
[87] (WO2015/132267)
[30] EP (14157525.8) 2014-03-03
[30] BE (BE2014/5059) 2014-11-07

[21] **2,941,478**
[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **PRESSURE REDUCER WITH FLOW SELECTOR FOR GAS CYLINDER**
[54] **REDUCTEUR DE PRESSION AVEC SELECTEUR DE DEBIT POUR CYLINDRE DE GAZ**
[72] LAMIABLE, MORGAN, FR
[72] HEINRICH, SYLVAIN, FR
[72] SCHMITZ, JEAN-CLAUDE, LU
[71] LUXEMBOURG PATENT COMPANY S.A., LU
[85] 2016-09-01
[86] 2015-03-04 (PCT/EP2015/054472)
[87] (WO2015/132285)
[30] LU (LU92395) 2014-03-07

[21] **2,941,482**
[13] A1
[51] **Int.Cl. B01F 13/00 (2006.01) B28C 5/12 (2006.01) B28C 5/42 (2006.01) E01C 19/02 (2006.01) E01C 19/47 (2006.01) E02D 3/12 (2006.01)**
[25] EN
[54] **BATCH MODE SOIL IMPROVEMENT**
[54] **AMELIORATION DU SOL EN MODE DISCONTINU**
[72] SEGHERS, WILLEM, BE
[71] ASENCO NV, BE
[85] 2016-09-01
[86] 2015-03-03 (PCT/EP2015/054452)
[87] (WO2015/132274)
[30] BE (2014/0144) 2014-03-03

[21] **2,941,484**
[13] A1
[51] **Int.Cl. C08K 5/00 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **PHOTOCURABLE EPOXY RESIN SYSTEMS**
[54] **SYSTEMES DE RESINE EPOXYDE PHOTODURCISSABLES**
[72] HAGENBUCHER, MELANIE, DE
[72] HORNUNG, MARTIN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2016-09-01
[86] 2015-03-06 (PCT/EP2015/054697)
[87] (WO2015/132372)
[30] DE (10 2014 204 265.8) 2014-03-07

[21] **2,941,488**
[13] A1
[51] **Int.Cl. H04N 21/25 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PROVIDING A PARTICULAR NUMBER OF DISTRIBUTIONS OF MEDIA CONTENT THROUGH A PLURALITY OF DISTRIBUTION NODES**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'UN NOMBRE PARTICULIER DE DISTRIBUTIONS DE CONTENU MULTIMEDIA VIA UNE PLURALITE DE N~UDS DE DISTRIBUTION**
[72] SCOTTO, ADAM MICHAEL, US
[72] KURUP, NIKHIL GOPINATH, US
[71] CATALINA MARKETING CORPORATION, US
[85] 2016-09-01
[86] 2015-03-06 (PCT/US2015/019246)
[87] (WO2015/134903)
[30] US (14/199,576) 2014-03-06

[21] **2,941,490**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/18 (2012.01)**
[25] EN
[54] **APPARATUS, METHOD AND SYSTEM FOR GRANTING PRIORITY CERTIFICATES**
[54] **APPAREIL, PROCEDE ET SYSTEME PERMETTANT D'ACCORDER DES CERTIFICATS DE PRIORITE**
[72] GELU, COMANESCU, US
[71] GELU, COMANESCU, US
[85] 2016-09-01
[86] 2015-03-06 (PCT/US2015/019316)
[87] (WO2015/134950)
[30] US (61/949,379) 2014-03-07
[30] US (61/950,150) 2014-03-09
[30] US (14/615,341) 2015-02-05

[21] **2,941,492**
[13] A1
[51] **Int.Cl. C12N 5/02 (2006.01) A01H 5/00 (2006.01) C12M 1/00 (2006.01) C12M 3/08 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR EXTRACTING DICOT EMBRYOS**
[54] **PROCEDES ET SYSTEMES PERMETTANT L'EXTRACTION D'EMBRYONS DE DICOTYLEDONES**
[72] HUNTER, CLIFFORD P., US
[72] WILLE, JEFFREY DALE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2016-09-01
[86] 2015-03-09 (PCT/US2015/019444)
[87] (WO2015/134970)
[30] US (61/949,738) 2014-03-07

[21] **2,941,493**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01)**
[25] EN
[54] **INTRUSION DETECTION WITH DIRECTIONAL SENSING**
[54] **DETECTION D'INTRUSION AU MOYEN D'UNE DETECTION DIRECTIONNELLE**
[72] NAYLOR, MATTHEW, AU
[72] TILKIN, JORG, BE
[72] MAELBRANCKE, GERDY, BE
[72] CORNEZ, PHILIPPE, BE
[72] DE LELLIS, DOMENICO, BE
[72] ROELS, LUC, BE
[72] PIGNATTA, PHILIPPE, BE
[72] BAS, ALI, BE
[72] PALFI, ENIKO, BE
[71] VSK ELECTRONICS NV, BE
[85] 2016-09-02
[86] 2015-03-03 (PCT/EP2015/054445)
[87] (WO2015/132271)
[30] US (61/947,335) 2014-03-03
[30] AU (2014901121) 2014-03-28

[21] **2,941,494**
[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01)**
[25] EN
[54] **REFRIGERANT SUPPLY TO A COOLING FACILITY**
[54] **ALIMENTATION EN REFRIGERANT POUR UNE INSTALLATION DE REFROIDISSEMENT**
[72] DAVIES, PAUL R., US
[72] HARRIS, JAMES L., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2016-09-01
[86] 2015-02-19 (PCT/US2015/016484)
[87] (WO2015/134192)
[30] US (61/947,626) 2014-03-04
[30] US (14/625,022) 2015-02-18

[21] **2,941,495**
[13] A1
[51] **Int.Cl. B32B 7/12 (2006.01) B32B 5/32 (2006.01) B32B 27/06 (2006.01) B32B 27/30 (2006.01) B32B 27/34 (2006.01)**
[25] EN
[54] **MULTILAYER FILM INCLUDING FOAM LAYER AND GAS BARRIER LAYER**
[54] **FILM MULTICOUCHES COMPRENANT UNE COUCHE DE MOUSSE ET UNE COUCHE FORMANT UNE BARRIERE CONTRE LES GAZ**
[72] CHANG, MOH-CHING OLIVER, US
[71] HOLLISTER INCORPORATED, US
[85] 2016-09-01
[86] 2015-02-25 (PCT/US2015/017503)
[87] (WO2015/148035)
[30] US (14/226,260) 2014-03-26

[21] **2,941,496**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/06 (2012.01) H02J 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR UTILITY CREW FORECASTING**
[54] **SYSTEMES ET PROCEDES POUR UNE PREVISION D'EQUIPE DE SERVICE PUBLIC**
[72] HENRIQUES, ANDRE CRAIG, US
[72] SAN ANDRES, RAMON JUAN, US
[72] MEADOWS, VERNON, US
[72] LOSEE, MARC KARL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-09-01
[86] 2015-03-11 (PCT/US2015/019835)
[87] (WO2015/138535)
[30] US (14/204,856) 2014-03-11

[21] **2,941,497**
[13] A1
[51] **Int.Cl. G08B 29/18 (2006.01)**
[25] EN
[54] **INTRUSION DETECTION WITH MOTION SENSING**
[54] **DETECTION D'INTRUSION AVEC DETECTION DE MOUVEMENT**
[72] NAYLOR, MATTHEW, AU
[72] MAELBRANCKE, GERDY, BE
[72] GOULET, THOMAS, BE
[72] TILKIN, JORG, BE
[72] CORNEZ, PHILIPPE, BE
[72] MONTAGNI, FEDERICO, BE
[71] VSK ELECTRONICS NV, BE
[85] 2016-09-02
[86] 2015-03-03 (PCT/EP2015/054446)
[87] (WO2015/132272)
[30] US (61/947,329) 2014-03-03

[21] **2,941,498**
[13] A1
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **HIGH RELIABILITY GNSS CORRECTION**
[54] **CORRECTION GNSS HAUTE FIABILITE**
[72] MUNDT, CLINTON, US
[72] TIBOUT, MARC, CA
[72] SKANDERUP, JOSHUA, US
[71] RAVEN INDUSTRIES, INC., US
[85] 2016-09-01
[86] 2015-03-11 (PCT/US2015/019969)
[87] (WO2015/138606)
[30] US (61/951,423) 2014-03-11

[21] **2,941,499**
[13] A1
[51] **Int.Cl. G02B 19/00 (2006.01) F21V 8/00 (2006.01) G02B 5/28 (2006.01)**
[25] EN
[54] **LIGHT SOURCE INCORPORATING MULTILAYER OPTICAL FILM**
[54] **SOURCE DE LUMIERE INCORPORANT UN FILM OPTIQUE MULTICOUCHE**
[72] LIU, TAO, US
[72] MERRILL, WILLIAM W., US
[72] NAPIERALA, MARK E., US
[72] YUST, DAVID T., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-09-01
[86] 2015-02-26 (PCT/US2015/017627)
[87] (WO2015/134255)
[30] US (61/949,496) 2014-03-07

[21] **2,941,500**
[13] A1
[51] **Int.Cl. B26D 3/22 (2006.01) A23N 15/00 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **DICING MACHINES AND METHODS OF USE**
[54] **MACHINES DE DECOUPAGE EN DES ET METHODES D'UTILISATION**
[72] KLOCKOW, SCOTT ALAN, US
[72] FANT, JAMES A., US
[71] URSCHEL LABORATORIES, INC., US
[85] 2016-09-01
[86] 2015-03-13 (PCT/US2015/020332)
[87] (WO2015/138830)
[30] US (61/952,218) 2014-03-13
[30] US (14/656,062) 2015-03-12

[21] **2,941,502**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING COLORECTAL CANCER FROM A HUMAN FECES SAMPLE BY QUANTITIVE PCR, PRIMERS AND KIT**
[54] **PROCEDE DE DIAGNOSTIC DU CANCER COLORECTAL A PARTIR D'UN ECHANTILLON DE MATIERES FECALES HUMAINES PAR PCR QUANTITATIVE, AMORCES ET KIT**
[72] SERRA PAGES, MARIONA, ES
[72] GARCIA-GIL, JESUS, ES
[72] MAS DE XAXARS, TERESA, ES
[72] ALDEGUER, XAVIER, ES
[71] INSTITUT D´INVESTIGACIO BIOMEDICA DE GIRONA DR. JOSEP TRUETA, ES
[71] UNIVERSITAT DE GIRONA, ES
[85] 2016-09-02
[86] 2015-03-03 (PCT/EP2015/054451)
[87] (WO2015/132273)
[30] EP (14382074.4) 2014-03-03

[21] **2,941,504**
[13] A1
[51] **Int.Cl. F24H 1/10 (2006.01) F24H 1/48 (2006.01) F24H 1/50 (2006.01)**
[25] EN
[54] **WATER HEATER HAVING THERMAL DISPLACEMENT CONDUIT**
[54] **CHAUFFE-EAU A CONDUIT DE DEPLACEMENT THERMIQUE**
[72] YIN, JIANMIN, US
[72] CRITCHLEY, MATTHEW, US
[71] A.O. SMITH CORPORATION, US
[85] 2016-09-01
[86] 2015-03-13 (PCT/US2015/020395)
[87] (WO2015/138864)
[30] US (61/953,349) 2014-03-14

[21] **2,941,505**
[13] A1
[51] **Int.Cl. A01M 23/18 (2006.01)**
[25] EN
[54] **ANIMAL TRAP WITH SIMPLIFIED, HIGH SPEED OPERATION**
[54] **PIEGE A ANIMAUX AVEC FONCTIONNEMENT SIMPLIFIE A HAUTE VITESSE**
[72] MARKS, JOEL S., US
[72] ARLEEKUL, SURAPON, US
[71] MARKS, JOEL S., US
[71] ARLEEKUL, SURAPON, US
[85] 2016-09-01
[86] 2015-02-26 (PCT/US2015/017743)
[87] (WO2015/134273)
[30] US (61/947,341) 2014-03-03
[30] US (14/630,327) 2015-02-24

[21] **2,941,507**
[13] A1
[51] **Int.Cl. A61L 2/20 (2006.01) A61L 2/07 (2006.01)**
[25] EN
[54] **SATURATION-ENHANCED, LOW-CONCENTRATION VAPORIZED HYDROGEN PEROXIDE DECONTAMINATION METHOD**
[54] **PROCEDE DE DECONTAMINATION AU PEROXYDE D'HYDROGENE VAPORISE A SATURATION AMELIOREE ET FAIBLE CONCENTRATION**
[72] WIGET, PAUL A., US
[72] MEILANDER, TIMOTHY W., US
[72] MCVEY, IAIN, US
[71] STERIS INC., US
[85] 2016-09-01
[86] 2015-03-18 (PCT/US2015/021191)
[87] (WO2015/143008)
[30] US (61/955,283) 2014-03-19
[30] US (14/660,233) 2015-03-17

[21] **2,941,508**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURE CONSUMER IDENTIFICATION**
[54] **PROCEDE ET SYSTEME POUR UNE IDENTIFICATION SECURISEE DE CONSOMMATEURS**
[72] GUINEY, CHRISTOPHER A., US
[72] CARPENTER, TRAVIS M., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-09-01
[86] 2015-03-02 (PCT/US2015/018307)
[87] (WO2015/134385)
[30] US (14/197,884) 2014-03-05

[21] **2,941,510**
[13] A1
[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/04 (2006.01) G01V 1/09 (2006.01) G01V 1/20 (2006.01)**
[25] EN
[54] **WAVEFIELD GENERATION USING A SEISMIC VIBRATOR ARRAY**
[54] **GENERATION DE CHAMP D'ONDES A L'AIDE D'UN RESEAU DE VIBRATEURS SISMIQUES**
[72] HALLIDAY, DAVID FRASER, GB
[72] HOPPERSTAD, JON-FREDRIK, GB
[72] LAWS, ROBERT MONTGOMERY, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-09-01
[86] 2015-03-19 (PCT/US2015/021520)
[87] (WO2015/143189)
[30] US (61/968,178) 2014-03-20

[21] **2,941,511**
[13] A1
[51] **Int.Cl. C11D 1/66 (2006.01) C11D 3/10 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION THAT PERFORMS BOTH A CLEANING AND RINSING FUNCTION**
[54] **COMPOSITION DETERGENTE REMPLISSANT A LA FOIS LA FONCTION DE NETTOYAGE ET DE RINCAGE**
[72] ROERDINK-LANDER, MONIQUE, US
[72] SILVERNAIL, CARTER M., US
[72] DAHLQUIST HOWLETT, ERIN JANE, US
[72] WALTERS, KERRIE E., US
[71] ECOLAB USA INC., US
[85] 2016-09-01
[86] 2015-03-02 (PCT/US2015/018352)
[87] (WO2015/134404)
[30] US (61/949,377) 2014-03-07
[30] US (61/949,387) 2014-03-07

[21] **2,941,512**
[13] A1
[51] **Int.Cl. F16F 9/58 (2006.01)**
[25] EN
[54] **CYLINDER DEVICE**
[54] **DISPOSITIF DE CYLINDRE**
[72] FUNATO, HIROSHI, JP
[71] KYB CORPORATION, JP
[85] 2016-09-01
[86] 2015-03-30 (PCT/JP2015/059902)
[87] (WO2015/156160)
[30] JP (2014-079447) 2014-04-08

[21] **2,941,514**
[13] A1
[51] **Int.Cl. C07K 16/44 (2006.01) A01K 67/00 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **VL ANTIGEN BINDING PROTEINS EXHIBITING DISTINCT BINDING CHARACTERISTICS**
[54] **PROTEINES DE LIAISON A L'ANTIGENE VL PRESENTANT DES CARACTERISTIQUES DE LIAISON DISTINCTES**
[72] BABB, ROBERT, US
[72] RAFIQUE, ASHIQUE, US
[72] HUANG, TAMMY T., US
[72] SHI, ERGANG, US
[72] MACDONALD, LYNN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2016-09-01
[86] 2015-03-20 (PCT/US2015/021884)
[87] (WO2015/143406)
[30] US (61/968,896) 2014-03-21
[30] US (62/079,078) 2014-11-13
[30] US (62/088,117) 2014-12-05

[21] **2,941,515**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G10L 25/48 (2013.01) G10L 15/28 (2013.01)**
[25] EN
[54] **OBJECT-BASED TELECONFERENCING PROTOCOL**
[54] **PROTOCOLE DE TELECONFERENCE A BASE D'OBJET**
[72] KRAEMER, ALAN, US
[71] COMHEAR, INC., US
[85] 2016-09-01
[86] 2015-03-03 (PCT/US2015/018384)
[87] (WO2015/134422)
[30] US (61/947,672) 2014-03-04

[21] **2,941,517**
[13] A1
[51] **Int.Cl. F16F 9/32 (2006.01) F16F 9/48 (2006.01)**
[25] EN
[54] **CYLINDER DEVICE**
[54] **DISPOSITIF DE CYLINDRE**
[72] FUNATO, HIROSHI, JP
[71] KYB CORPORATION, JP
[85] 2016-09-01
[86] 2015-04-02 (PCT/JP2015/060503)
[87] (WO2015/159722)
[30] JP (2014-085190) 2014-04-17

[21] **2,941,518**
[13] A1
[51] **Int.Cl. A01N 43/26 (2006.01)**
[25] EN
[54] **LIPOIC ACID CHOLINE ESTER COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS D'ESTER DE CHOLINE DE L'ACIDE LIPOIQUE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] GARNER, WILLIAM H., US
[72] GARNER, MARGARET H., US
[72] BURNS, WILLIAM R., US
[71] ENCORE VISION, INC., US
[85] 2016-09-01
[86] 2015-03-03 (PCT/US2015/018505)
[87] (WO2015/134510)
[30] US (61/947,378) 2014-03-03

[21] **2,941,519**
[13] A1
[51] **Int.Cl. C12N 5/0783 (2010.01) C12N 5/0775 (2010.01) C12N 5/00 (2006.01)**
[25] EN
[54] **POOLED NK CELLS FROM OMBILICAL CORD BLOOD AND THEIR USES FOR THE TREATMENT OF CANCER AND CHRONIC INFECTIOUS DISEASE**
[54] **CELLULES NK REGROUPEES PROVENANT DU SANG DU CORDON OMBILICAL, ET LEUR UTILISATION POUR LE TRAITEMENT DU CANCER ET D'UNE MALADIE INFECTIEUSE CHRONIQUE**
[72] HENNO, PATRICK, FR
[72] VILLALBA GONZALEZ, MARTIN, FR
[71] EMERCELL SAS, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2016-09-02
[86] 2015-03-09 (PCT/EP2015/054837)
[87] (WO2015/132415)
[30] EP (14305332.0) 2014-03-07

[21] **2,941,520**
[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RESERVOIR TESTING AND MONITORING**
[54] **PROCEDE ET APPAREIL DE TEST ET DE SURVEILLANCE DE RESERVOIR**
[72] ZHAN, LANG, US
[72] FAIR, PHILLIP SCOTT, US
[72] DOMBROWSKI, ROBERT JAMES, US
[72] FONSECA OCAMPOS, ERNESTO RAFAEL, US
[72] REYNOLDS, ALAN CLIFFORD, US
[72] LANGILLE, DAVID LINDSAY ALEXANDER, CA
[72] DUMONT, WAYNE L., CA
[72] HUYNH, DARREN, CA
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-09-01
[86] 2015-03-04 (PCT/US2015/018577)
[87] (WO2015/134565)
[30] US (61/948,968) 2014-03-06

[21] **2,941,523**
[13] A1
[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/06 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **SHELLAC BASED SKIN CARE LOTION**
[54] **LOTION DE SOINS POUR LA PEAU A BASE DE GOMME-LAQUE**
[72] BARRIE, WILLIAM E., US
[71] MANTROSE-HAEUSER CO., INC., US
[85] 2016-09-01
[86] 2015-03-05 (PCT/US2015/018853)
[87] (WO2015/142527)
[30] US (61/954,150) 2014-03-17

[21] **2,941,524**
[13] A1
[51] **Int.Cl. B60C 11/03 (2006.01) B60C 11/00 (2006.01)**
[25] EN
[54] **TYRE TREAD, AND TYRE**
[54] **BANDE DE ROULEMENT DE PNEU ET PNEU**
[72] KANEKO, SHUICHI, JP
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2016-09-01
[86] 2015-04-10 (PCT/JP2015/061279)
[87] (WO2015/156397)
[30] JP (PCT/JP2014/060423) 2014-04-10

[21] **2,941,525**
[13] A1
[51] **Int.Cl. B43K 5/00 (2006.01) B43K 5/18 (2006.01)**
[25] EN
[54] **LIQUID APPLICATOR DEVICE**
[54] **DISPOSITIF APPLICATEUR DE LIQUIDE**
[72] BALLOT, STEPHAN M., US
[72] FORSCHLER, ROBERT D., US
[71] FLOCON, INC., US
[85] 2016-09-01
[86] 2015-03-05 (PCT/US2015/018927)
[87] (WO2015/134725)
[30] US (61/948,787) 2014-03-06

[21] **2,941,526**
[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **MONITORING SITES CONTAINING SWITCHABLE OPTICAL DEVICES AND CONTROLLERS**
[54] **SURVEILLANCE DE SITES COMPRENANT DES DISPOSITIFS OPTIQUES COMMUTABLES ET DES ORGANES DE COMMANDE**
[72] SHRIVASTAVA, DHAIRYA, US
[72] BROWN, STEPHEN C., US
[72] MANI, VIJAY, US
[71] VIEW, INC., US
[85] 2016-09-01
[86] 2015-03-05 (PCT/US2015/019031)
[87] (WO2015/134789)
[30] US (61/948,464) 2014-03-05
[30] US (61/974,677) 2014-04-03

[21] **2,941,529**
[13] A1
[51] **Int.Cl. G01R 15/18 (2006.01) H01F 38/28 (2006.01)**
[25] EN
[54] **UNIT CURRENT TRANSFORMER DEVICE AND MAGNETIC INDUCTION POWER SUPPLYING DEVICE FOR LINEARLY CONTROLLING OUTPUT POWER BY USING THE SAME**
[54] **UNITE DE TRANSFORMATEUR DE COURANT UNITAIRE ET DISPOSITIF D'ALIMENTATION EN ENERGIE A INDUCTION ELECTROMAGNETIQUE PERMETTANT D'AJUSTER LINEAIREMENT UNE PUISSANCE DE SORTIE UTILISANT CETTE UNITE**
[72] KOO, JA-IL, KR
[71] TERA ENERGY SYSTEM SOLUTION CO. LTD, KR
[85] 2016-09-01
[86] 2014-11-19 (PCT/KR2014/011120)
[87] (WO2015/133704)
[30] KR (10-2014-0025317) 2014-03-04

[21] **2,941,530**
[13] A1
[51] **Int.Cl. C05D 9/02 (2006.01)**
[25] EN
[54] **FERTILIZER COMPOSITIONS CONTAINING MICRONUTRIENTS AND METHODS FOR PREPARING THE SAME**
[54] **COMPOSITIONS FERTILISANTES CONTENANT DES MICRONUTRIMENTS, ET LEURS PROCEDES DE PREPARATION**
[72] PEACOCK, LAWRENCE ALAN, US
[72] JOHNSTON, RYAN, US
[71] THE MOSAIC COMPANY, US
[85] 2016-09-01
[86] 2015-03-06 (PCT/US2015/019153)
[87] (WO2015/134858)
[30] US (61/949,740) 2014-03-07

[21] **2,941,532**
[13] A1
[51] **Int.Cl. F04B 49/00 (2006.01) F04B 17/03 (2006.01) F04B 23/06 (2006.01)**
[25] EN
[54] **REDUCING FLUID PRESSURE SPIKES IN A PUMPING SYSTEM**
[54] **REDUCTION DE PICS DE PRESSION FLUIDIQUE DANS UN SYSTEME DE POMPAGE**
[72] CHONG, JONATHAN WUN SHIUNG, US
[72] CALLAWAY, LEWIS, US
[72] HODGSON, KIM, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-09-01
[86] 2015-03-30 (PCT/US2015/023296)
[87] (WO2015/153432)
[30] US (61/973,050) 2014-03-31

[21] **2,941,533**
[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SENSING AN EDGE**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UN BORD**
[72] SLICHTER, JAMES, US
[72] PIERSON, ANDREW, US
[72] STOTZ, DEREK, US
[72] RICHARDSON, JONATHAN WILLIAM, US
[71] RAVEN INDUSTRIES, INC., US
[85] 2016-09-01
[86] 2015-03-06 (PCT/US2015/019211)
[87] (WO2015/134886)
[30] US (61/948,925) 2014-03-06

[21] **2,941,535**
[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01) A61B 5/00 (2006.01) A61B 5/03 (2006.01) A61B 5/05 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING INTRACRANIAL PRESSURE**
[54] **PROCEDE ET SYSTEME POUR DETERMINER LA PRESSION INTRACRANIENNE**
[72] YU, DAO-YI, AU
[72] MORGAN, WILLIAM, AU
[71] LIONS EYE INSTITUTE LIMITED, AU
[85] 2016-09-02
[86] 2015-03-06 (PCT/AU2015/000127)
[87] (WO2015/131236)
[30] AU (2014900767) 2014-03-07

[21] **2,941,537**
[13] A1
[51] **Int.Cl. F16D 71/00 (2006.01) F16D 55/226 (2006.01) F16D 65/14 (2006.01)**
[25] EN
[54] **BRAKE PAD RETRACTION**
[54] **RETRAIT DE PLAQUETTE DE FREIN**
[72] SIEGRIST, ERIC, CA
[71] SIEGRIST, ERIC, CA
[85] 2016-09-02
[86] 2015-03-02 (PCT/CA2015/000121)
[87] (WO2015/131265)
[30] US (61/947,046) 2014-03-03

[21] **2,941,538**
[13] A1
[51] **Int.Cl. H04B 10/073 (2013.01) H04J 14/02 (2006.01)**
[25] EN
[54] **LINK SWITCHING METHOD, DEVICE, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE COMMUTATION DE LIAISONS**
[72] YANG, HE, CN
[72] WANG, YIMING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-09-02
[86] 2014-03-05 (PCT/CN2014/072935)
[87] (WO2015/131360)

[21] **2,941,539**
[13] A1
[51] **Int.Cl. C12P 5/02 (2006.01) C10L 3/06 (2006.01)**
[25] EN
[54] **PRODUCTION OF PRODUCTS WITH FAVOURABLE GHG EMISSION REDUCTIONS FROM CELLULOSIC FEEDSTOCKS**
[54] **PRODUCTION DE PRODUITS AVEC DES REDUCTIONS D'EMISSIONS DE GAZ A EFFET DE SERRE FAVORABLES A PARTIR DE MATIERES PREMIERES CELLULOSIQUES**
[72] FOODY, PATRICK J., CA
[71] IOGEN CORPORATION, CA
[85] 2016-09-02
[86] 2015-03-04 (PCT/CA2015/050163)
[87] (WO2015/131282)
[30] US (61/948,726) 2014-03-06
[30] US (14/618,170) 2015-02-10

[21] **2,941,540**
[13] A1
[51] **Int.Cl. G10L 19/005 (2013.01)**
[25] EN
[54] **SPEECH/AUDIO BITSTREAM DECODING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE DECODAGE DE FLUX DE CODE DE FREQUENCE VOCALE**
[72] ZHANG, XINGTAO, CN
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-09-02
[86] 2015-01-13 (PCT/CN2015/070594)
[87] (WO2015/139521)
[30] CN (201410108478.6) 2014-03-21

[21] **2,941,541**
[13] A1
[51] **Int.Cl. F16B 13/13 (2006.01) E04B 1/41 (2006.01) F16B 13/06 (2006.01)**
[25] EN
[54] **EXPANSION ANCHOR**
[54] **ANCRAGE EXTENSIBLE**
[72] COUSINEAU, ROBERT, CA
[71] COUSINEAU, ROBERT, CA
[85] 2016-09-02
[86] 2015-03-06 (PCT/CA2015/050171)
[87] (WO2015/131289)
[30] US (61/949,993) 2014-03-07

[21] **2,941,542**
[13] A1
[51] **Int.Cl. A61C 1/08 (2006.01)**
[25] FR
[54] **DRILLING TOOL FOR DENTAL IMPLANT SURGERY, COMPRISING A STEPPED GUIDE**
[54] **OUTIL DE FORAGE POUR CHIRURGIE DENTAIRE IMPLANTAIRE, COMPRENANT UN GUIDE ETAGE**
[72] SIADOUS, MATTHIEU, US
[71] WAM, FR
[85] 2016-09-01
[86] 2015-02-27 (PCT/FR2015/050481)
[87] (WO2015/132513)
[30] FR (1451668) 2014-03-03

[21] **2,941,544**
[13] A1
[51] **Int.Cl. H04L 12/46 (2006.01)**
[25] EN
[54] **TUNNELLING TIME-CRITICAL MESSAGES BETWEEN SUBSTATIONS OVER WAN**
[54] **TUNNELLISATION DE MESSAGES CRITIQUES EN TERMES DE TEMPS ENTRE DES SOUS-STATIONS DANS UN RESEAU ETENDU**
[72] SIVANTHI, THANIKESAVAN, CH
[72] WIDMER, THEO, CH
[72] CACHIN, DOMINIQUE, CH
[72] LEEB, CHRISTIAN, CH
[72] MAAG, HANS-JOERG, CH
[72] BAG, GARGI, SE
[72] PALM, JOHAN, SE
[72] THRYBORN, LINUS, SE
[71] ABB SCHWEIZ AG, CH
[85] 2016-09-02
[86] 2015-02-06 (PCT/EP2015/052498)
[87] (WO2015/132039)
[30] EP (14158205.6) 2014-03-06

[21] **2,941,545**
[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01)**
[25] EN
[54] **COVER FOR GAS CYLINDER TAP**
[54] **COUVERCLE POUR ROBINET DE BOUTEILLE DE GAZ**
[72] LAMIABLE, MORGAN, FR
[72] SCHMITZ, JEAN-CLAUDE, LU
[71] LUXEMBOURG PATENT COMPANY S.A., LU
[85] 2016-09-02
[86] 2015-02-23 (PCT/EP2015/053738)
[87] (WO2015/132092)
[30] LU (LU92388) 2014-03-03

[21] **2,941,547**
[13] A1
[51] **Int.Cl. F01K 7/22 (2006.01) F01K 7/06 (2006.01) F01K 23/10 (2006.01) F22B 37/50 (2006.01)**
[25] EN
[54] **FLASH TANK DESIGN**
[54] **RESERVOIR DE DETENTE**
[72] JURETZEK, UWE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-09-02
[86] 2015-02-12 (PCT/EP2015/052960)
[87] (WO2015/132058)
[30] DE (10 2014 203 967.3) 2014-03-05

[21] **2,941,550**
[13] A1
[51] **Int.Cl. A47C 1/032 (2006.01)**
[25] EN
[54] **DEVICE FOR SYNCHRONIZING THE TILT OF THE BACKREST AND THE SEAT OF A CHAIR**
[54] **DISPOSITIF DE SYNCHRONISATION D'INCLINAISON DE DOSSIER ET DE SIEGE DE CHAISE**
[72] DONATI, ARMANDO, IT
[71] DONATI S.P.A., IT
[85] 2016-09-02
[86] 2014-03-28 (PCT/IB2014/060263)
[87] (WO2015/145216)

[21] **2,941,552**
[13] A1
[51] **Int.Cl. G02B 6/126 (2006.01) G02B 6/122 (2006.01) G02B 6/14 (2006.01)**
[25] EN
[54] **POLARIZATION ROTATOR**
[54] **CIRCUIT DE ROTATION DE POLARISATION**
[72] KAMEI, SHIN, JP
[72] JIZODO, MAKOTO, JP
[72] FUKUDA, HIROSHI, JP
[72] KIKUCHI, KIYOFUMI, JP
[71] NIPPON TELEGRAPH & TELEPHONE CORPORATION, JP
[85] 2016-09-02
[86] 2015-03-04 (PCT/JP2015/001158)
[87] (WO2015/133140)
[30] JP (2014-042837) 2014-03-05
[30] JP (2014-197460) 2014-09-26

[21] **2,941,553**
[13] A1
[51] **Int.Cl. F16H 61/22 (2006.01)**
[25] EN
[54] **VEHICULAR PARKING LOCK DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE DE STATIONNEMENT DE VEHICULE**
[72] TACHIBANADA, YUYA, JP
[72] MOCHIZUKI, TETSUYA, JP
[72] ISHIKAWA, YUTAKA, JP
[72] YOSHIDA, SHUNSUKE, JP
[72] MUKAI, TOMOAKI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2016-09-02
[86] 2015-01-26 (PCT/JP2015/051976)
[87] (WO2015/151561)
[30] JP (2014-075116) 2014-04-01

[21] **2,941,554**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G01N 31/00 (2006.01) G01N 33/50 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **A METHOD FOR IMPROVING DISEASE DIAGNOSIS USING MEASURED ANALYTES**
[54] **METHODE D'AMELIORATION DU DIAGNOSTIC D'UNE MALADIE PAR MESURE D'ANALYTES**
[72] KRASIK, GALINA, US
[72] MAREFAT, MOHSEN, US
[72] LINGENFELTER, KEITH, US
[71] OTRACES INC., US
[85] 2016-09-02
[86] 2014-03-13 (PCT/US2014/000041)
[87] (WO2014/158287)
[30] US (61/851,867) 2013-03-14

[21] **2,941,555**
[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01) G06F 13/00 (2006.01)**
[25] EN
[54] **DATA TRANSMISSION SYSTEM, TERMINAL DEVICE, PROGRAM, AND METHOD**
[54] **SYSTEME DE TRANSMISSION DE DONNEES, TERMINAL, PROGRAMME ET PROCEDE**
[72] MORITA, KENICHIRO, JP
[72] IMAI, TAKUYA, JP
[72] NAGAMINE, SHOH, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2016-09-02
[86] 2015-02-04 (PCT/JP2015/053139)
[87] (WO2015/133216)
[30] JP (2014-042279) 2014-03-05

[21] **2,941,556**
[13] A1
[51] **Int.Cl. C10G 29/24 (2006.01) C10G 21/20 (2006.01)**
[25] EN
[54] **NOVEL HIGH UPTAKE SULFUR SOLVENT SYSTEMS AND METHODS FOR MAKING AND USING SAME**
[54] **NOUVEAUX SYSTEMES SOLVANTS DU SOUFRE A ABSORPTION ELEVEE, ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] LEVEY, SIMON, US
[72] SMITH, CLAYTON S., US
[72] MURUGAN, PULIKESI, US
[71] LUBRIZOL OILFIELD SOLUTIONS, INC., US
[85] 2016-09-02
[86] 2014-03-05 (PCT/US2014/020854)
[87] (WO2015/134016)

[21] **2,941,557**
[13] A1
[51] **Int.Cl. C08L 25/12 (2006.01) C08K 3/22 (2006.01) C08L 51/04 (2006.01)**
[25] EN
[54] **THERMOPLASTIC RESIN COMPOSITION AND RESIN MOLDED ARTICLE**
[54] **COMPOSITION DE RESINE THERMOPLASTIQUE ET ARTICLE MOULE EN RESINE**
[72] TANIGAWA, HIROSHI, JP
[72] HAMAMOTO, SHIGEKI, JP
[72] HIRATA, KOJI, JP
[72] SAITOU, HIROTOSHI, JP
[71] UMG ABS, LTD., JP
[85] 2016-09-02
[86] 2015-03-17 (PCT/JP2015/057843)
[87] (WO2015/141661)
[30] JP (2014-056706) 2014-03-19

[21] **2,941,558**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01) E21B 47/14 (2006.01)**
[25] EN
[54] **DOWNHOLE LOW RATE LINEAR REPEATER RELAY NETWORK TIMING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION DE RESEAU RELAIS DE REPETEURS LINEAIRES A FAIBLE DEBIT DE FOND DE PUITS**
[72] VAN ZELM, JOHN-PETER, CA
[71] XACT DOWNHOLE TELEMETRY, INC., CA
[85] 2016-09-02
[86] 2014-03-06 (PCT/US2014/021356)
[87] (WO2015/134030)

[21] **2,941,559**
[13] A1
[51] **Int.Cl. C07C 205/00 (2006.01) C07C 207/00 (2006.01)**
[25] EN
[54] **METHODS FOR THE SYNTHESIS OF CHIRAL KYNURENINE COMPOUNDS**
[54] **PROCEDES DE SYNTHESE DE COMPOSES DE KYNURENINE CHIRAUX**
[72] ABELE, STEFAN, CH
[72] LAUE, KLAUS, CH
[72] BREITENMOSER, ROLAND A., CH
[71] VISTAGEN THERAPEUTICS, INC., US
[85] 2016-09-02
[86] 2014-03-14 (PCT/US2014/027694)
[87] (WO2014/152752)
[30] US (61/785,807) 2013-03-14

[21] **2,941,560**
[13] A1
[51] **Int.Cl. A61K 31/517 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **3-(SUBSTITUTED-4-OXO-QUINAZOLIN-3(4H)-YL)-3-DEUTERO-PIPERIDINE-2,6-DIONE DERIVATIVES**
[54] **DERIVES DE 3-(OXOQUINAZOLIN-3(4H)-YL-4 SUBSTITUE)-3-DEUTERO-PIPERIDINE-2,6-DIONE ET DES COMPOSITIONS LES COMPRENANT ET DES PROCEDES LES UTILISANT**
[72] DEWITT, SHEILA, US
[71] DEUTERX, LLC, US
[85] 2016-09-02
[86] 2014-03-14 (PCT/US2014/027918)
[87] (WO2014/152833)
[30] US (61/786,111) 2013-03-14

[21] **2,941,562**
[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 3/10 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **DEUTERIUM-ENRICHED 2,4-THIAZOLIDINEDIONES AND METHODS OF TREATMENT**
[54] **2,4-THIAZOLIDINEDIONES ENRICHIES EN DEUTERIUM ET METHODES DE TRAITEMENT**
[72] DEWITT, SHEILA, US
[72] JACQUES, VINCENT, US
[72] VAN DER PLOEG, LEONARDUS, US
[71] DEUTERX, LLC, US
[85] 2016-09-02
[86] 2014-03-14 (PCT/US2014/027943)
[87] (WO2014/152843)
[30] US (61/786,118) 2013-03-14

[21] **2,941,564**
[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01)**
[25] EN
[54] **USE OF IONIZED FLUID IN HYDRAULIC FRACTURING**
[54] **UTILISATION D'UN FLUIDE IONISE LORS D'UNE FRACTURATION HYDRAULIQUE**
[72] MUNISTERI, JOSEPH G., US
[71] MBJ WATER PARTNERS, US
[71] MUNISTERI, JOSEPH G., US
[85] 2016-09-02
[86] 2014-03-28 (PCT/US2014/032238)
[87] (WO2015/147873)

[21] **2,941,565**
[13] A1
[51] **Int.Cl. H01J 49/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTION AND QUANTIFICATION OF SELENIUM AND SILICON IN SAMPLES**
[54] **SYSTEMES ET PROCEDES DE DETECTION ET DE QUANTIFICATION DE SELENIUM ET DE SILICIUM DANS DES ECHANTILLONS**
[72] BADIEI, HAMID, CA
[72] NEUBAUER, KENNETH, US
[71] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2016-09-02
[86] 2014-06-02 (PCT/US2014/040541)
[87] (WO2015/167586)
[30] US (61/987,429) 2014-05-01

[21] **2,941,567**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) G01N 21/03 (2006.01)**
[25] EN
[54] **IMPROVED SAMPLE TUBE WITH TRANSPARENT TIP HAVING PARTICULAR UTILITY FOR NUCLEIC ACID AMPLIFICATION**
[54] **TUBE A ECHANTILLON AMELIORE A POINTE TRANSPARENTE AYANT UNE UTILITE PARTICULIERE POUR L'AMPLIFICATION D'ACIDES NUCLEIQUES**
[72] KREIFELS, MATTHEW R., US
[72] WHITNEY, SCOTT E., US
[72] DOWLING, JAMES, US
[72] JUST, TROY, US
[71] STRECK, INC., US
[85] 2016-09-02
[86] 2014-06-30 (PCT/US2014/044867)
[87] (WO2015/134053)
[30] US (61/947,697) 2014-03-04

[21] **2,941,573**
[13] A1
[51] **Int.Cl. C08J 7/00 (2006.01) C08J 7/12 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **SUPPORT FILM FOR SOLUTION FILM FORMING, AND METHOD FOR PRODUCING ELECTROLYTE MEMBRANE USING SAME**
[54] **FILM DE SUPPORT POUR LA FORMATION D'UN FILM EN SOLUTION, ET PROCEDE DE PRODUCTION DE MEMBRANE ELECTROLYTIQUE A L'AIDE DE CELUI-CI**
[72] ADACHI, SHINYA, JP
[72] IZUHARA, DAISUKE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-09-02
[86] 2015-03-24 (PCT/JP2015/058856)
[87] (WO2015/151922)
[30] JP (2014-071763) 2014-03-31

[21] **2,941,579**
[13] A1
[51] **Int.Cl. A61G 5/14 (2006.01) A61G 5/10 (2006.01) A61G 5/12 (2006.01)**
[25] EN
[54] **STAND-UP WHEELCHAIR**
[54] **FAUTEUIL ROULANT COMPRENANT DES MOYENS D'ELEVATION**
[72] FREI, THOMAS, CH
[71] LEVO AG WOHLEN, CH
[85] 2016-09-02
[86] 2015-03-04 (PCT/CH2015/000035)
[87] (WO2015/131296)
[30] CH (313/14) 2014-03-04

[21] **2,941,581**
[13] A1
[51] **Int.Cl. C07D 241/12 (2006.01) A61K 31/496 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS AS HISTONE DEACETYLASE 6 INHIBITORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME**
[54] **NOUVEAUX COMPOSES EN TANT QU'INHIBITEURS DE L'HISTONE DESACETYLASE 6 ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT**
[72] SONG, HYESEUNG, KR
[72] LEE, CHANGGON, KR
[72] KWAK, DALYONG, KR
[72] LEE, JAEYOUNG, KR
[72] BAE, SUYEAL, KR
[72] KIM, YUNTAE, KR
[72] BAE, DAEKWON, KR
[72] HA, NINA, KR
[72] BAE, MISEON, KR
[72] KIM, JIHYUN, KR
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2016-09-02
[86] 2015-03-12 (PCT/KR2015/002417)
[87] (WO2015/137750)
[30] KR (10-2014-0028920) 2014-03-12

[21] **2,941,585**
[13] A1
[51] **Int.Cl. G08B 21/24 (2006.01) H04W 4/02 (2009.01)**
[25] EN
[54] **HYGIENE TRACKING COMPLIANCE**
[54] **RESPECT DE SUIVI D'HYGIENE**
[72] MOORE, MARK, US
[71] GOJO INDUSTRIES, INC., US
[85] 2016-09-09
[86] 2015-03-10 (PCT/US2015/019592)
[87] (WO2015/138384)
[30] US (61/950,375) 2014-03-10

[21] **2,941,586**
[13] A1
[51] **Int.Cl. H01L 31/028 (2006.01) G01J 1/42 (2006.01) H01L 31/0352 (2006.01) H01L 31/107 (2006.01)**
[25] EN
[54] **GERMANIUM METAL-CONTACT-FREE NEAR-IR PHOTODETECTOR**
[54] **PHOTODETECTEUR EN PROCHE IR EXEMPT DE CONTACT GERMANIUM-METAL**
[72] BAEHR-JONES, THOMAS, US
[72] ZHANG, YI, US
[72] HOCHBERG, MICHAEL J., US
[72] NOVACK, ARI, US
[71] CORIANT ADVANCED TECHNOLOGY, LLC, US
[85] 2016-09-09
[86] 2015-03-10 (PCT/US2015/019769)
[87] (WO2015/187222)
[30] US (61/950,816) 2014-03-10

[21] **2,941,597**
[13] A1
[51] **Int.Cl. H04H 20/65 (2009.01) H04H 40/18 (2009.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNAL, APPARATUS FOR RECEIVING BROADCAST SIGNAL, METHOD FOR TRANSMITTING BROADCAST SIGNAL, AND METHOD FOR RECEIVING BROADCAST SIGNAL**
[54] **APPAREIL POUR EMETTRE UN SIGNAL DE DIFFUSION, APPAREIL POUR RECEVOIR UN SIGNAL DE DIFFUSION, PROCEDE POUR EMETTRE UN SIGNAL DE DIFFUSION ET PROCEDE POUR RECEVOIR UN SIGNAL DE DIFFUSION**
[72] KWAK, MINSUNG, KR
[72] YANG, SEUNGRYUL, KR
[72] MOON, KYOUNGSOO, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-09-02
[86] 2015-04-27 (PCT/KR2015/004179)
[87] (WO2015/167189)
[30] US (61/984,854) 2014-04-27
[30] US (61/991,624) 2014-05-12
[30] US (62/000,515) 2014-05-19
[30] US (62/003,039) 2014-05-27

[21] **2,941,598**
[13] A1
[51] **Int.Cl. B65D 81/26 (2006.01) B65D 81/18 (2006.01)**
[25] EN
[54] **CONTAINER FOR PACKAGING PRODUCTS, IN PARTICULAR FRESH PRODUCTS SUCH AS MEAT PRODUCTS, AND METHOD FOR PACKAGING SUCH PRODUCTS**
[54] **CONTENANT POUR LE CONDITIONNEMENT DE PRODUITS, EN PARTICULIER DE PRODUITS FRAIS TELS QUE DES PRODUITS CARNES, ET PROCEDE DE CONDITIONNEMENT DE TELS PRODUITS**
[72] VAN DEN BROEK, LUCAS KAREL JOHANNES, NL
[72] WILLEMSEN, LOUIS RINZE HENRICUS ADRIANUS, PH
[72] VANDENDRIESSCHE, LUC, BE
[71] VAN DEN BROEK, LUCAS KAREL JOHANNES, NL
[71] WILLEMSEN, LOUIS RINZE HENRICUS ADRIANUS, PH
[71] VANDENDRIESSCHE, LUC, BE
[85] 2016-09-02
[86] 2015-03-04 (PCT/NL2015/050134)
[87] (WO2015/133898)
[30] NL (2012377) 2014-03-06

[21] **2,941,600**
[13] A1
[51] **Int.Cl. B65G 47/14 (2006.01)**
[25] EN
[54] **SHIFT AND HOLD CONVEYOR ASSEMBLY FOR REMOVAL OF OVERSIZE PARCELS**
[54] **ENSEMBLE DE TRANSPORT DE DEPLACEMENT ET DE RETENUE POUR LE RETRAIT DE COLIS SURDIMENSIONNES**
[72] SCHROADER, STEVEN VANN, US
[71] FIVES INTRALOGISTICS CORP., US
[85] 2016-09-02
[86] 2015-03-03 (PCT/US2015/000034)
[87] (WO2015/134109)
[30] US (61/966,724) 2014-03-03

[21] **2,941,605**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **LINER HANGER TOP PACKER**
[54] **PACKER SUPERIEUR DE COLONNE PERDUE**
[72] YI, HUIAN, CN
[72] TIAN, BINGZHOU, CN
[72] CHEN, SHANYIN, CN
[72] DING, BAISONG, CN
[72] ZAN, ZHIEN, CN
[72] LI, BOREN, CN
[72] LIU, MIAOREN, CN
[72] YE, FANGJU, CN
[72] YI, QIZUN, CN
[72] CHEN, GUANGLI, CN
[71] STARSE ENERGY AND TECHNOLOGY (GROUP) CO., LTD., CN
[71] YI, HUIAN, CN
[85] 2015-01-20
[86] 2012-07-23 (PCT/CN2012/079051)
[87] (WO2014/015469)

[21] **2,941,607**
[13] A1
[51] **Int.Cl. A63B 47/00 (2006.01) A63B 67/04 (2006.01)**
[25] EN
[54] **TABLE TENNIS ROBOT WITH IMPROVED SERVING HEAD MOVEMENT**
[54] **ROBOT DE TENNIS DE TABLE AVEC MOUVEMENT DE TETE DE SERVICE AMELIORE**
[72] THOMAN, LAWRENCE MICHAEL, US
[72] CEVIK, BURAK, US
[71] NEWGY INDUSTRIES, INC., US
[85] 2016-09-02
[86] 2015-02-09 (PCT/US2015/014966)
[87] (WO2015/134151)
[30] US (61/948,204) 2014-03-05

[21] **2,941,608**
[13] A1
[51] **Int.Cl. F28F 1/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER SYSTEM WITH MONO-CYCLONE INLINE SEPARATOR**
[54] **SYSTEME ECHANGEUR DE CHALEUR A SEPARATEUR EN LIGNE MONO-CYCLONIQUE**
[72] DAVIES, PAUL R., US
[72] HARRIS, JAMES L., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2016-09-02
[86] 2015-02-18 (PCT/US2015/016325)
[87] (WO2015/134188)
[30] US (61/949,385) 2014-03-07
[30] US (14/624,709) 2015-02-18

[21] **2,941,609**
[13] A1
[51] **Int.Cl. C10M 105/42 (2006.01) C10M 105/32 (2006.01)**
[25] EN
[54] **BRANCHED DIESTERS FOR USE AS A BASE STOCK AND IN LUBRICANT APPLICATIONS**
[54] **DIESTERS RAMIFIES DESTINES A ETRE UTILISES COMME HUILE DE BASE ET DANS DES APPLICATIONS DE LUBRIFICATION**
[72] BREKAN, JONATHAN, US
[72] QUINN, JORDAN, US
[72] MANDLA, KYLE, US
[72] LITTICH, RYAN, US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[85] 2016-09-02
[86] 2015-02-25 (PCT/US2015/017498)
[87] (WO2015/134251)
[30] US (61/947,300) 2014-03-03

[21] **2,941,610**
[13] A1
[51] **Int.Cl. G08B 25/01 (2006.01)**
[25] EN
[54] **THREAT DETECTION INFORMATION DISTRIBUTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION D'INFORMATIONS DE DETECTION DE MENACE**
[72] PATTYN, KURT, BE
[72] TILKIN, JORG, BE
[71] VSK ELECTRONICS NV, BE
[85] 2016-09-02
[86] 2015-02-27 (PCT/EP2015/054197)
[87] (WO2015/132160)
[30] AU (2014900702) 2014-03-03

[21] **2,941,611**
[13] A1
[51] **Int.Cl. C02F 1/40 (2006.01) B01D 17/05 (2006.01) C02F 1/50 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DE-OILING AND TOTAL ORGANIC CARBON REDUCTION IN PRODUCED WATER**
[54] **SYSTEMES ET PROCEDES POUR LE DESHUILAGE ET LA REDUCTION DU CARBONE ORGANIQUE TOTAL DANS UNE EAU PRODUITE**
[72] JANJUA, RAFIQUE, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2016-09-02
[86] 2014-11-05 (PCT/US2014/064134)
[87] (WO2015/069771)
[30] US (61/900,932) 2013-11-06

[21] **2,941,612**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/18 (2011.01) C07H 21/04 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **METHODS USING RANDOMER-CONTAINING SYNTHETIC MOLECULES**
[54] **PROCEDES DANS LESQUELS ON UTILISE DES MOLECULES SYNTHETIQUES CONTENANT DES RANDOMERES**
[72] SHERWOOD, ANNA M., US
[72] EMERSON, RYAN O., US
[72] ROBINS, HARLAN S., US
[72] RIEDER, MARK J., US
[72] PARSONS, JOE, US
[71] ADAPTIVE BIOTECHNOLOGIES CORPORATION, US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/019029)
[87] (WO2015/134787)
[30] US (61/948,418) 2014-03-05
[30] US (61/949,069) 2014-03-06
[30] US (62/080,173) 2014-11-14

[21] **2,941,614**
[13] A1
[51] **Int.Cl. G01G 19/10 (2006.01)**
[25] EN
[54] **BALL MOUNT FOR MEASURING TONGUE WEIGHT OF A TRAILER**
[54] **SUPPORT A ROTULE POUR MESURER LE POIDS DU TIMON D'UNE REMORQUE**
[72] MCALLISTER, KEVIN, US
[71] MCALLISTER, KEVIN, US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/019071)
[87] (WO2015/134817)
[30] US (61/948,487) 2014-03-05
[30] US (61/948,456) 2014-03-05
[30] US (14/639,987) 2015-03-05

[21] **2,941,616**
[13] A1
[51] **Int.Cl. F28D 9/00 (2006.01) F28F 3/14 (2006.01) F28F 13/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR A LIQUEFIED NATURAL GAS FACILITY**
[54] **ECHANGEUR DE CHALEUR POUR UNE INSTALLATION DE GAZ NATUREL LIQUEFIE**
[72] QUALLS, WESLEY R., US
[72] GENTRY, MATTHEW C., US
[72] LEGER, PAULA A., US
[72] BOULANGER, ROBERT L., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2016-09-02
[86] 2015-02-27 (PCT/US2015/017951)
[87] (WO2015/134313)
[30] US (61/947,797) 2014-03-04
[30] US (14/633,307) 2015-02-27

[21] **2,941,618**
[13] A1
[51] **Int.Cl. A61K 47/48 (2006.01)**
[25] EN
[54] **TARGETED THERAPEUTICS**
[54] **THERAPIES CIBLEES**
[72] CHIMMANAMADA, DINESH U., US
[72] YING, WEIWEN, US
[71] SYNTA PHARMACEUTICALS CORP., US
[85] 2016-09-02
[86] 2015-03-03 (PCT/US2015/018442)
[87] (WO2015/134464)
[30] US (61/947,108) 2014-03-03

[21] **2,941,620**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **APPARATUSES, METHODS, AND SYSTEMS FOR TROUBLESHOOTING MULTIMEDIA NETWORK COMMUNICATION SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES PERMETTANT DE DETECTER LES PANNES DANS DES SYSTEMES DE COMMUNICATION DE RESEAU MULTIMEDIAS**
[72] PRIEST, EDWARD, US
[71] BLACK DIAMOND VIDEO, US
[85] 2016-09-02
[86] 2015-03-03 (PCT/US2015/018541)
[87] (WO2015/134540)
[30] US (61/947,930) 2014-03-04

[21] **2,941,622**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) H04N 7/18 (2006.01)**
[25] EN
[54] **CONVERTER DEVICE AND SYSTEM INCLUDING CONVERTER DEVICE**
[54] **DISPOSITIF CONVERTISSEUR ET SYSTEME COMPRENANT UN DISPOSITIF CONVERTISSEUR**
[72] PRIEST, EDWARD, US
[71] BLACK DIAMOND VIDEO, US
[85] 2016-09-02
[86] 2015-03-03 (PCT/US2015/018546)
[87] (WO2015/134544)
[30] US (61/947,934) 2014-03-04

[21] **2,941,623**
[13] A1
[51] **Int.Cl. B61D 17/12 (2006.01) B61D 17/18 (2006.01)**
[25] EN
[54] **INTEGRATED CEILING ASSEMBLY FOR RAILCARS**
[54] **ENSEMBLE DE PLAFOND INTEGRE POUR VEHICULES FERROVIAIRES**
[72] BURG, WILHELM, DE
[72] MARANSKI, JOHN, US
[72] PATEL, MANISH, US
[72] SCHUH, MARIO, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019171)
[87] (WO2015/134870)
[30] US (61/948,989) 2014-03-06
[30] US (14/464,144) 2014-08-20

[21] **2,941,626**
[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **FACIAL MASK AND METHOD OF MAKING**
[54] **MASQUE FACIAL ET PROCEDE DE FABRICATION**
[72] BACHELDER, VANCE D., US
[72] CARRILLO, JOSE, III, US
[71] MORPHEUS MEDICAL SOLUTIONS, LLC, US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019191)
[87] (WO2015/138242)
[30] US (61/950,591) 2014-03-10
[30] US (62/010,528) 2014-06-11

[21] **2,941,628**
[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01)**
[25] EN
[54] **SAFLUFENACIL, FLUMIOXAZIN, AND 2,4-D WEED CONTROL COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE DESHERBAGE A BASE DE SAFLUFENACIL, DE FLUMIOXAZINE, ET D'ACIDE 2,4-DICHLOROPHENOXYACETIQUE ET LEURS PROCEDES D'UTILISATION**
[72] KIRKPATRICK, MATTHEW TERRENCE, US
[72] PAWLAK, JOHN ANDREW, US
[71] VALENT U.S.A. CORPORATION, US
[85] 2016-09-02
[86] 2015-03-04 (PCT/US2015/018654)
[87] (WO2015/134573)
[30] US (61/948,163) 2014-03-05

[21] **2,941,630**
[13] A1
[51] **Int.Cl. H02K 35/00 (2006.01) F03B 13/18 (2006.01)**
[25] FR
[54] **ELECTRIC GENERATOR HAVING PERMANENT MAGNETS AND FITTED WITH A MAGNETIC FLUX COLLECTOR**
[54] **GENERATEUR ELECTRIQUE A AIMANTS PERMANENTS DOTE D'UN COLLECTEUR DE FLUX MAGNETIQUE**
[72] DREVET, JEAN BAPTISTE, FR
[71] EEL ENERGY, FR
[85] 2016-09-01
[86] 2015-03-05 (PCT/EP2015/054657)
[87] (WO2015/132352)
[30] FR (1451794) 2014-03-05

[21] **2,941,632**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/19 (2006.01) A61K 31/4184 (2006.01)**
[25] EN
[54] **BENDAMUSTINE SOLID DISPERSIONS AND CONTINUOUS INFUSION**
[54] **DISPERSIONS SOLIDES DE BENDAMUSTINE ET PERFUSION CONTINUE**
[72] VOUDOURIS, VASILIOS, US
[71] VOUDOURIS, VASILIOS, US
[85] 2016-09-02
[86] 2015-03-04 (PCT/US2015/018725)
[87] (WO2015/138199)
[30] US (61/952,624) 2014-03-13

[21] **2,941,633**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 45/00 (2006.01) C12N 1/00 (2006.01) C12N 1/16 (2006.01)**
[25] EN
[54] **VACCINE DELIVERY SYSTEMS USING YEAST CELL WALL PARTICLES**
[54] **SYSTEMES D'ADMINISTRATION DE VACCIN A L'AIDE DE PARTICULES DE PAROI CELLULAIRE DE LEVURE**
[72] WAGNER, THOMAS E., US
[71] ORBIS HEALTH SOLUTIONS LLC, US
[85] 2016-09-02
[86] 2015-03-04 (PCT/US2015/018728)
[87] (WO2015/134606)
[30] US (61/948,503) 2014-03-05
[30] US (62/060,124) 2014-10-06

[21] **2,941,634**
[13] A1
[51] **Int.Cl. A61K 31/428 (2006.01) A61K 31/423 (2006.01) A61K 31/497 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **HIGHLY SELECTIVE SIGMA RECEPTOR LIGANDS AND RADIOLIGANDS AS PROBES IN NOCICEPTIVE PROCESSING AND THE PATHPHYSIOLOGICAL STUDY OF MEMORY DEFICITS AND CONITIVE DISORDERS**
[54] **LIGANDS ET RADIOLIGANDS HAUTEMENT SELECTIFS DU RECEPTEUR SIGMA SERVANT DE SONDES DANS LE TRAITEMENT NOCICEPTIF ET L'ETUDE PATHOPHYSIOLOGIQUE DE DEFICIENCES DE LA MEMOIRE ET DE TROUBLES COGNITIFS**
[72] MCCURDY, CHRISTOPHER R., US
[72] MESANGEAU, CHRISTOPHE, FR
[72] CHIN, FREDERICK T., US
[72] JAMES, MICHELLE L., US
[72] SHEN, BIN, US
[72] GAMBHIR, SANJIV, US
[72] BISWAL, SANDIP, US
[72] BEHERA, DEEPAK, US
[71] THE UNIVERSITY OF MISSISSIPPI, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2016-09-02
[86] 2015-03-03 (PCT/US2015/018547)
[87] (WO2015/134545)
[30] US (14/196,483) 2014-03-04

[21] **2,941,635**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) B82Y 30/00 (2011.01) A61N 2/06 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **APPLYING MECHANICAL FORCE BY REMOTE-CONTROLLED ROTATION**
[54] **APPLICATION D'UNE FORCE MECANIQUE PAR ROTATION COMMANDEE A DISTANCE**
[72] RENSTROM, ERIK, SE
[72] STETTER, ERNST, DE
[72] KIRCHER, MORITZ F., US
[72] KOCH, MARTIN, DK
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2016-09-02
[86] 2015-03-04 (PCT/US2015/018746)
[87] (WO2015/134620)
[30] US (61/947,830) 2014-03-04

[21] **2,941,638**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 88/02 (2009.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **MANAGEMENT OF GROUP-SOURCED CONTACTS DIRECTORIES, SYSTEMS AND METHODS**
[54] **GESTION DE REPERTOIRES DE CONTACTS DE GROUPE, SYSTEMES ET PROCEDES**
[72] GUPTA, VISHAL, IN
[71] DIRO, INC., US
[85] 2016-09-02
[86] 2015-03-09 (PCT/US2015/019443)
[87] (WO2015/138320)
[30] US (61/950,163) 2014-03-09
[30] US (61/994,949) 2014-05-18
[30] US (62/080,396) 2014-11-16

[21] **2,941,640**
[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01)**
[25] EN
[54] **IMPROVED RAAV VECTORS AND METHODS FOR TRANSDUCTION OF PHOTORECEPTORS AND RPE CELLS**
[54] **VECTEURS RAAV AMELIORES ET PROCEDES POUR LA TRANSDUCTION DE PHOTORECEPTEURS ET CELLULES EPR**
[72] BOYE, SHANNON E., US
[72] BOYE, SANFORD L., US
[72] AGBANDJE-MCKENNA, MAVIS, US
[72] SRIVASTAVA, ARUN, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2016-09-02
[86] 2015-03-04 (PCT/US2015/018791)
[87] (WO2015/134643)
[30] US (61/947,940) 2014-03-04

[21] **2,941,641**
[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 8/18 (2009.01) H04W 60/04 (2009.01) H04W 84/06 (2009.01) B64G 1/00 (2006.01)**
[25] EN
[54] **SATELLITE PROVISIONING OF CELL SERVICE**
[54] **FOURNITURE DE SERVICE CELLULAIRE PAR SATELLITE**
[72] MARKO, PAUL, US
[72] WADIN, CRAIG, US
[71] SIRIUS XM RADIO INC., US
[85] 2016-09-02
[86] 2015-03-04 (PCT/US2015/018792)
[87] (WO2015/134644)
[30] US (61/947,955) 2014-03-04

[21] **2,941,642**
[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) D01F 8/04 (2006.01)**
[25] EN
[54] **POLYMER FIBRES COMPRISING AEROGEL AND METHOD FOR PRODUCTION**
[54] **FIBRES POLYMERES COMPRENANT UN AEROGEL ET PROCEDE DE PRODUCTION ASSOCIE**
[72] FRICKE, ANNA, DK
[72] FOJAN, PETER, DK
[71] GABRIEL A/S, DK
[85] 2016-09-06
[86] 2014-03-05 (PCT/EP2014/054257)
[87] (WO2014/135585)
[30] EP (13158320.5) 2013-03-08

[21] **2,941,643**
[13] A1
[51] **Int.Cl. B65F 1/16 (2006.01) B65D 43/26 (2006.01)**
[25] EN
[54] **DUAL SENSING RECEPTACLES**
[54] **RECEPTACLES A DOUBLE DETECTION**
[72] YANG, FRANK, US
[72] WOLBERT, DAVID, US
[72] YEN, KENNETH, US
[72] COHEN, GUY, US
[72] BUSHROE, FREDERICK N., US
[72] ANDERSON, PERRY, US
[72] BASHA, MICHAEL JAMES, US
[72] FRUHAUF, CHRISTOPHER B., US
[72] MEYER, AZHAR, US
[72] STEINER, BRADLEY WILLIAM, US
[72] TACHIBANA, BRIAN Y., US
[72] DETHMAN, JESSE, US
[71] SIMPLEHUMAN, LLC, US
[85] 2016-09-02
[86] 2015-03-11 (PCT/US2015/019997)
[87] (WO2015/138625)
[30] US (61/953,402) 2014-03-14
[30] US (14/639,862) 2015-03-05

[21] **2,941,645**
[13] A1
[51] **Int.Cl. B23K 37/04 (2006.01)**
[25] EN
[54] **POWER-OPERATED MOLD CLAMPING SYSTEM FOR EXOTHERMIC REACTION WELDING**
[54] **SYSTEME DE SERRAGE DE MOULE ACTIONNE PAR UN ENTRAINEMENT POUR SOUDAGE PAR REACTION EXOTHERMIQUE**
[72] HOAGLAND, TIMOTHY CHARLES, US
[72] CHANG, XUE, US
[72] MITCHELL, JOSHUA DEAN, US
[71] HUBBELL INCORPORATED, US
[85] 2016-09-02
[86] 2015-03-04 (PCT/US2015/018802)
[87] (WO2015/134653)
[30] US (61/948,898) 2014-03-06

[21] **2,941,647**
[13] A1
[51] **Int.Cl. B26B 21/00 (2006.01)**
[25] EN
[54] **DUAL SIDED RAZOR**
[54] **RASOIR A DOUBLE FACE**
[72] LIBERATORE, RAYMOND A., US
[71] MACK-RAY, INC., US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/018872)
[87] (WO2015/134700)
[30] US (61/948,203) 2014-03-05

[21] **2,941,648**
[13] A1
[51] **Int.Cl. E21B 43/116 (2006.01) E21B 43/11 (2006.01) E21B 43/1185 (2006.01) E21B 43/119 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR POSITIONING A DETONATOR WITHIN A PERFORATING GUN ASSEMBLY**
[54] **DISPOSITIF ET PROCEDE DE POSITIONNEMENT D'UN DETONATEUR DANS UN ENSEMBLE PERFORATEUR**
[72] BURMEISTER, GERNOT UWE, US
[72] BRADFIELD, THOMAS KELLER, US
[72] EITSCHBERGER, CHRISTIAN, DE
[72] PREISS, FRANK HARON, DE
[72] SCHARF, THILO, IE
[72] MCNELIS, LIAM, DE
[71] DYNAENERGETICS GMBH & CO. KG, DE
[71] DYNAENERGETICS US, INC., US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/018906)
[87] (WO2015/134719)
[30] US (61/949,939) 2014-03-07

[21] **2,941,649**
[13] A1
[51] **Int.Cl. A61K 31/40 (2006.01) A61K 31/56 (2006.01)**
[25] EN
[54] **FORMULATION FOR SOFT ANTICHOLINERGIC ANALOGS**
[54] **PREPARATION POUR ANALOGUES D'ANTICHOLINERGIQUES A POTENTIEL MODERE**
[72] BODOR, NICHOLAS S., US
[72] ANGULO, DAVID, US
[71] BODOR LABORATORIES, INC., US
[85] 2016-09-02
[86] 2015-03-12 (PCT/US2015/020253)
[87] (WO2015/138776)
[30] US (61/952,505) 2014-03-13
[30] US (14/285,488) 2014-05-22

[21] **2,941,650**
[13] A1
[51] **Int.Cl. A01N 31/14 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PREDICTING AND REDUCING COGNITIVE DECLINE BASED ON GSK-3 LEVELS**
[54] **PREVISION ET REDUCTION DU DECLIN COGNITIF BASES SUR LES NIVEAUX DE GSK -3**
[72] KAYTOR, MICHAEL D., US
[72] DYKSTRA, JOHN C., US
[71] HUMANETICS CORPORATION, US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/018929)
[87] (WO2015/134726)
[30] US (61/948,328) 2014-03-05

[21] **2,941,651**
[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01) G01V 1/22 (2006.01) H01B 3/30 (2006.01)**
[25] EN
[54] **CABLE FOR LAND BASED SEISMIC ARRAY SYSTEM**
[54] **CABLE POUR ENSEMBLE DE SISMOGRAPHES TERRESTRE**
[72] CIGNARALE, JOSEPH, US
[72] TURENNE, MIKE, US
[72] VILLIGER, BRETT, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2016-09-02
[86] 2015-03-13 (PCT/US2015/020476)
[87] (WO2015/138922)
[30] US (61/952,648) 2014-03-13

[21] **2,941,652**
[13] A1
[51] **Int.Cl. B29C 67/00 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B29C 35/08 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL PRINTER**
[54] **IMPRIMANTE TRIDIMENSIONNELLE**
[72] POBIHUN, SCOTT, AU
[71] SGAT PTY LTD, AU
[85] 2016-09-06
[86] 2015-03-06 (PCT/AU2015/050091)
[87] (WO2015/131250)
[30] AU (2014900786) 2014-03-07
[30] AU (2014902414) 2014-06-24

[21] **2,941,653**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 27/22 (2006.01)**
[25] EN
[54] **WEARABLE 3D AUGMENTED REALITY DISPLAY**
[54] **AFFICHAGE A REALITE AUGMENTEE 3D PRET-A-PORTER**
[72] HUA, HONG, US
[72] JAVIDI, BAHRAM, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[71] UNIVERSITY OF CONNECTICUT, US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/018948)
[87] (WO2015/134738)
[30] US (61/948,226) 2014-03-05

[21] **2,941,654**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) C07K 16/46 (2006.01) C07K 17/00 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **INSULIN-LIKE GROWTH FACTOR 1 RECEPTOR-SPECIFIC ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS SPECIFIQUES DU RECEPTEUR DU FACTEUR DE CROISSANCE 1 ANALOGUES A L'INSULINE ET LEURS UTILISATIONS**
[72] STANIMIROVIC, DANICA, CA
[72] KEMMERICH, KRISTIN, CA
[72] HAQQANI, ARSALAN S., CA
[72] SULEA, TRAIAN, CA
[72] ARBABI-GHAHROUDI, MEHDI, CA
[72] MASSIE, BERNARD, CA
[72] GILBERT, RENALD, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2016-09-06
[86] 2014-12-04 (PCT/CA2014/000862)
[87] (WO2015/131258)
[30] US (61/948,831) 2014-03-06

[21] **2,941,655**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 27/22 (2006.01)**
[25] EN
[54] **WEARABLE 3D AUGMENTED REALITY DISPLAY WITH VARIABLE FOCUS AND/OR OBJECT RECOGNITION**
[54] **AFFICHAGE A REALITE AUGMENTEE EN 3D PORTABLE A FOCALE VARIABLE ET/OU RECONNAISSANCE D'OBJET**
[72] HUA, HONG, US
[72] JAVIDI, BAHRAM, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[71] UNIVERSITY OF CONNECTICUT, US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/018951)
[87] (WO2015/134740)
[30] US (61/948,226) 2014-03-05

[21] **2,941,656**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) C07K 16/18 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **HIGH AFFINITY AND AGGREGATIVELY STABLE ANTIBODIES ON THE BASIS OF VARIABLE DOMAINS VL AND A DERIVATIVE VHH**
[54] **ANTICORPS STABLES A AFFINITE ELEVEE ET AGREGATIFS A BASE DE DOMAINES VIRAUX VL ET DE DERIVE DE VHH**
[72] ULITIN, ANDREY BORISOVICH, RU
[72] EVDOKIMOV, STANISLAV RUDOLFOVICH, RU
[72] SOLOVIEV, VALERIY VLADIMIROVICH, RU
[72] CHERNYH, YULIA SERGEEVNA, RU
[72] GONCHAROVA, OLGA VLADIMIROVNA, RU
[72] KORZHAVIN, DMITRIY VALERIEVICH, RU
[72] CHERNOVSKAYA, TATYANA VENIAMINOVNA, RU
[72] NEMANKIN, TIMOFEY ALEKSANDROVICH, RU
[72] IVANOV, ROMAN ALEXEEVICH, RU
[72] MOROZOV, DMITRIY VALENTINOVICH, RU
[72] EKIMOVA, VICTORIA MIKHAILOVNA, RU
[72] SOFRONOVA, EKATERINA VLADIMIROVNA, RU
[72] USTYUGOV, YAKOV YUREVICH, RU
[71] CLOSED JOINT STOCK COMPANY "BIOCAD", RU
[85] 2016-09-01
[86] 2015-03-23 (PCT/RU2015/000163)
[87] (WO2016/048188)
[30] RU (2014138740) 2014-09-26

[21] **2,941,657**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G01V 9/02 (2006.01)**
[25] EN
[54] **METHODS OF DETERMINING FRONT PROPAGATION WITHIN A SUBSURFACE VOLUME**
[54] **PROCEDES DE DETERMINATION DE PROPAGATION AVANT A L'INTERIEUR D'UN VOLUME DE SOUS-SURFACE**
[72] VIGNAU, STEPHANE, GB
[72] LALLIER, FLORENT, GB
[72] MONTOUCHET, MICHAEL, GB
[71] TOTAL SA, FR
[85] 2016-09-06
[86] 2014-11-06 (PCT/EP2014/073981)
[87] (WO2015/104077)
[30] EP (14305018.5) 2014-01-08

[21] **2,941,658**
[13] A1
[51] **Int.Cl. H04W 36/00 (2009.01)**
[25] EN
[54] **CELL TOWER FUNCTIONALITY WITH SATELLITE ACCESS TO ALLOW A CELL DEVICE TO ROAM ON A SATELLITE NETWORK**
[54] **FONCTIONNALITE DE TOUR DE TELEPHONIE CELLULAIRE DOTEE D'UN ACCES SATELLITE AFIN DE PERMETTRE A UN DISPOSITIF CELLULAIRE DE SE DEPLACER SUR UN RESEAU SATELLITE**
[72] CROWLEY, JOSEPH, US
[72] BLANCHARD, ERIC, US
[72] MONTE, PAUL A., US
[72] AMRAN, PRIHAMDHANI, US
[71] GLOBALSTAR, INC., US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019182)
[87] (WO2015/134875)
[30] US (61/949,588) 2014-03-07

[21] **2,941,659**
[13] A1
[51] **Int.Cl. B65B 31/02 (2006.01)**
[25] EN
[54] **FOOD PRESERVATION APPLIANCE WITH FOOD MANAGEMENT SYSTEM**
[54] **APPAREIL DE CONSERVATION D'ALIMENTS DOTE D'UN SYSTEME DE GESTION D'ALIMENTS**
[72] BUCK, DAVID, US
[72] DASILVA, KERRI, US
[72] PICOZZA, AUGUSTO A., US
[71] SUNBEAM PRODUCTS, INC., US
[85] 2016-09-02
[86] 2015-03-05 (PCT/US2015/018997)
[87] (WO2015/134764)
[30] US (61/948,215) 2014-03-05

[21] **2,941,660**
[13] A1
[51] **Int.Cl. A61L 27/06 (2006.01) A61C 8/00 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **IMPLANT SURFACE COMPOSITION**
[54] **COMPOSITION DE SURFACE D'IMPLANT**
[72] HALL, JAN, SE
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2016-09-06
[86] 2015-03-05 (PCT/EP2015/054573)
[87] (WO2015/132325)
[30] GB (1404011.7) 2014-03-07

[21] **2,941,662**
[13] A1
[51] **Int.Cl. F01D 25/08 (2006.01) F02C 7/047 (2006.01) F02C 7/14 (2006.01)**
[25] FR
[54] **HEAT EXCHANGER SYSTEM**
[54] **SYSTEME ECHANGEUR DE CHALEUR**
[72] ROCHE, AMANDINE, FR
[71] SAFRAN POWER UNITS, FR
[85] 2016-08-10
[86] 2015-02-10 (PCT/FR2015/050316)
[87] (WO2015/121576)
[30] FR (14 51057) 2014-02-11

[21] **2,941,663**
[13] A1
[51] **Int.Cl. C07D 451/02 (2006.01) A61K 31/46 (2006.01) A61P 11/00 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/30 (2006.01) A61P 25/34 (2006.01) C07D 487/08 (2006.01)**
[25] EN
[54] **PIPERIDINE DERIVATIVES AS OREXIN RECEPTOR ANTAGONIST**
[54] **DERIVES DE PIPERIDINE UTILISES COMME ANTAGONISTES DU RECEPTEUR DE L'OREXINE**
[72] HE, HAIYING, CN
[72] WU, SONGLIANG, CN
[72] ZHANG, YANG, CN
[72] MA, BIAO, CN
[72] CHEN, YUAN, CN
[72] WANG, YUHE, CN
[72] CHEN, SHUHUI, CN
[72] LV, QIANG, CN
[72] LAN, JIONG, CN
[72] LIU, XING, CN
[71] SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO. LTD, CN
[71] YANGTZE RIVER PHAMACEUTICAL GROUP CO., LTD., CN
[85] 2016-09-06
[86] 2015-02-27 (PCT/CN2015/073330)
[87] (WO2015/131773)
[30] CN (201410081220.1) 2014-03-06

[21] **2,941,664**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT**
[54] **IMPLANT DENTAIRE**
[72] HALL, JAN, SE
[72] LUNDGREN, STEFAN, SE
[72] BERGMAN, GORAN, SE
[72] KULLBERG, FREDRIK, SE
[71] NOBEL BIOCARE SERVICES AG, CH
[85] 2016-09-06
[86] 2015-03-05 (PCT/EP2015/054591)
[87] (WO2015/132331)
[30] GB (1404047.1) 2014-03-07

[21] **2,941,665**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **VIRTUAL FILE SYSTEM AND METHOD WITH BI-DIRECTIONAL MEDIA FILE SYNCHRONIZATION**
[54] **SYSTEME DE FICHIERS VIRTUELS ET PROCEDE AVEC UNE SYNCHRONISATION DE FICHIERS MULTIMEDIAS BIDIRECTIONNELLE**
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[72] LEEKLEY, GREGORY H., US
[71] REMOTE MEDIA, LLC, US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019099)
[87] (WO2015/134835)
[30] US (61/949,493) 2014-03-07

[21] **2,941,666**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **FIBROBLAST GROWTH FACTOR-2 (FGF2) AND SYNDECAN-1 (SDC1) AS BIOMARKERS FOR POOR OUTCOME HODGKIN LYMPHOMA PATIENTS**
[54] **FACTEUR 2 DE CROISSANCE DES FIBROBLASTES (FGF2) ET SYNDECAN-1 (SDC1) UTILISABLES EN TANT QUE BIOMARQUEURS POUR LES PATIENTS SOUFFRANT D'UN LYMPHOME DE HODGKIN A ISSUE DEFAVORABLE**
[72] SUH, STEPHEN, US
[72] GOY, ANDRE, US
[71] HACKENSACK UNIVERSITY MEDICAL CENTER, US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019224)
[87] (WO2015/134893)
[30] US (61/949,629) 2014-03-07

[21] **2,941,667**
[13] A1
[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 9/08 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF SHORT TERM STARVATION REGIMEN IN COMBINATION WITH KINASE INHIBITORS TO ENHANCE TRADITIONAL CHEMO-DRUG EFFICACY AND FEASIBILITY AND REVERSE SIDE EFFECTS OF KINASES IN NORMALCELLS AND TISSUES**
[54] **UTILISATION DU REGIME DU JEUNE A COURT TERME COMBINE A DES INHIBITEURS DE KINASES POUR AMELIORER L'EFFICACITE DE MEDICAMENTS CHIMIQUES CLASSIQUES, LA FAISABILITE ET LES EFFETS SECONDAIRES DE KINASES DANS DES CELLULES ET DES TISSUS NORMAUX**
[72] LONGO, VALTER D., US
[72] DI BIASE, STEFANO, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019102)
[87] (WO2015/134837)
[30] US (61/948,792) 2014-03-06

[21] **2,941,668**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61K 31/553 (2006.01) A61P 5/28 (2006.01) A61P 13/08 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL TETRAHYDROPYRIDOPYRIMIDINE COMPOUND OR SALT THEREOF**
[54] **NOUVEAU COMPOSE TETRAHYDROPYRIDOPYRIMIDINE OU L'UN DE SES SELS**
[72] MINAMIGUCHI, KAZUHISA, JP
[72] OKAJIMA, SHIGEO, JP
[72] AOKI, SHINICHI, JP
[72] ASAI, MASANORI, JP
[72] ASAI, TAKAHIRO, JP
[72] YAMANAKA, HIROYOSHI, JP
[72] DOHI, SUGURU, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2016-09-06
[86] 2015-05-28 (PCT/JP2015/065425)
[87] (WO2015/182712)
[30] JP (2014-111147) 2014-05-29

[21] **2,941,670**
[13] A1
[51] **Int.Cl. H02J 1/00 (2006.01)**
[25] EN
[54] **DC POWER SERVER FOR A DC MICROGRID**
[54] **SERVEUR D'ALIMENTATION EN COURANT CONTINU POUR UN MICRORESEAU DE COURANT CONTINU**
[72] BRHLIK, DUSAN, US
[72] SAUSSELE, JOHN, US
[72] FREGOSI, DANIEL, US
[71] ROBERT BOSCH GMBH, DE
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019144)
[87] (WO2015/134851)
[30] US (61/948,927) 2014-03-06

[21] **2,941,674**
[13] A1
[51] **Int.Cl. B01J 19/26 (2006.01) B01J 4/00 (2006.01) F23D 7/00 (2006.01) F23D 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONVERSION OF LIQUID FUELS IN A REACTOR, USE OF AN APPARATUS FOR CONVERSION OF LIQUID FUELS**
[54] **PROCEDE ET APPAREIL POUR CONVERSION DE CARBURANTS LIQUIDES DANS UN REACTEUR, ET UTILISATION D'UN APPAREIL POUR CONVERSION DE CARBURANTS LIQUIDES**
[72] SIEMONS, ROLAND, NL
[71] CLEAN FUELS B.V., NL
[85] 2016-09-06
[86] 2015-03-13 (PCT/EP2015/055303)
[87] (WO2015/144459)
[30] NL (NL2012508) 2014-03-26

[21] **2,941,675**
[13] A1
[51] **Int.Cl. C08J 7/12 (2006.01) H01M 4/88 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **SUBSTRATE FILM, CATALYST TRANSFER SHEET, METHOD FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY, AND METHOD FOR PRODUCING CATALYST LAYER-COATED ELECTROLYTE MEMBRANE**
[54] **FILM SUBSTRAT, FEUILLE DE TRANSFERT DE CATALYSEUR, PROCEDE DE PRODUCTION D'ENSEMBLE ELECTRODE A MEMBRANE, ET PROCEDE DE PRODUCTION DE MEMBRANE ELECTROLYTIQUE REVETUE D'UNE COUCHEDE CATALYSEUR**
[72] ADACHI, SHINYA, JP
[72] IZUHARA, DAISUKE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-09-06
[86] 2015-03-24 (PCT/JP2015/058858)
[87] (WO2015/151923)
[30] JP (2014-071764) 2014-03-31

[21] **2,941,676**
[13] A1
[51] **Int.Cl. F16H 55/38 (2006.01)**
[25] EN
[54] **SUPER CHARGER COMPONENTS**
[54] **ELEMENTS DE DISPOSITIF DE SUPERCHARGEMENT**
[72] ZIMMER, ANDREW JASON, US
[71] ZPE LICENSING INC., US
[85] 2016-09-02
[86] 2015-03-13 (PCT/US2015/020611)
[87] (WO2015/139001)
[30] US (14/213,740) 2014-03-14
[30] US (14/656,556) 2015-03-12

[21] **2,941,681**
[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/92 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHOD FOR MODIFICATION AND DELIVERY OF PROPPANT DURING WELL OPERATIONS, METHOD FOR HYDRAULIC FRACTURING AND METHOD FOR GRAVEL PACKING**
[54] **PROCEDE DE MODIFICATION ET D'ACHEMINEMENT D'UNE MATIERE DE CHARGE DE SOUTENEMENT LORS D'OPERATIONS DANS DES PUITS**
[72] KHLESTKIN, VADIM KAMIL`EVICH, RU
[72] FREDD, CHRISTOPHER, US
[72] LECERF, BRUNO, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-09-06
[86] 2014-03-31 (PCT/RU2014/000234)
[87] (WO2015/152756)

[21] **2,941,682**
[13] A1
[51] **Int.Cl. E04H 12/12 (2006.01) E04H 12/16 (2006.01) E04H 12/34 (2006.01)**
[25] EN
[54] **ANCHORING MEANS USING A CABLE FOR A HORIZONTAL JOINT, AND ANCHORING METHOD USING A CABLE FOR A HORIZONTAL JOINT**
[54] **MOYENS D'ANCRAGE A CABLE POUR JOINT HORIZONTAL ET PROCEDE D'ANCRAGE A CABLE POUR JOINT HORIZONTAL**
[72] GARCIA ACON, CARLOS, ES
[72] SERNA GARCIA-CONDE, JOSE, ES
[71] ESTEYCO S.A.P., ES
[85] 2016-09-06
[86] 2015-03-04 (PCT/ES2015/070154)
[87] (WO2015/132436)
[30] ES (P201430314) 2014-03-07

[21] **2,941,684**
[13] A1
[51] **Int.Cl. C12F 3/06 (2006.01)**
[25] FR
[54] **USE OF LIGNIFIED STALKS OR OF AT LEAST ONE EXTRACT OF LIGNIFIED STALKS IN A COSMETIC COMPOSITION, A FOOD SUPPLEMENT, A NUTRITIONAL PRODUCT, A FOOD OR A BEVERAGE**
[54] **UTILISATION DE RAFLES LIGNIFIEES OU D'AU MOINS UN EXTRAIT DE RAFLES LIGNIFIEES DANS UNE COMPOSITION COSMETIQUE, UN COMPLEMENT ALIMENTAIRE, UN PRODUIT NUTRITIONNEL, UN ALIMENT OU UNE BOISSON**
[72] PAETZOLD, MICHAEL, FR
[71] PAETZOLD, MICHAEL, FR
[85] 2016-09-06
[86] 2014-03-21 (PCT/FR2014/050664)
[87] (WO2015/140419)

[21] **2,941,690**
[13] A1
[51] **Int.Cl. A61L 2/16 (2006.01) A61K 6/00 (2006.01)**
[25] EN
[54] **DISINFECTING COMPOSITION FOR REMOVABLE DENTAL APPLIANCES**
[54] **COMPOSITION DESINFECTANTE POUR APPAREILS DENTAIRES AMOVIBLES**
[72] CONLEY, NICHOLAS, US
[72] MUZIK, LYNN, US
[71] LMA SOLUTIONS INC., US
[85] 2016-09-02
[86] 2015-03-16 (PCT/US2015/020824)
[87] (WO2015/139058)
[30] US (14/213,672) 2014-03-14
[30] US (14/600,869) 2015-01-20

[21] **2,941,692**
[13] A1
[51] **Int.Cl. F16K 31/126 (2006.01)**
[25] EN
[54] **DIAPHRAGM ACTUATORS HAVING ADJUSTABLE ACTUATION FORCE**
[54] **ACTIONNEURS A DIAPHRAGME AYANT UNE FORCE D'ACTIONNEMENT REGLABLE**
[72] ARNOLD, DAVID ANTHONY, US
[72] ADAMS, DANIEL MARTIN, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-09-02
[86] 2015-03-17 (PCT/US2015/020910)
[87] (WO2015/142809)
[30] US (14/216,125) 2014-03-17

[21] **2,941,695**
[13] A1
[51] **Int.Cl. F15B 5/00 (2006.01) F16K 31/06 (2006.01) G05D 16/20 (2006.01)**
[25] EN
[54] **INTEGRATED TRANSDUCER**
[54] **TRANSDUCTEUR INTEGRE**
[72] GASSMAN, GEORGE W., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-09-02
[86] 2015-03-18 (PCT/US2015/021138)
[87] (WO2015/142976)
[30] US (61/955,110) 2014-03-18

[21] **2,941,699**
[13] A1
[51] **Int.Cl. B65D 83/04 (2006.01) B65D 77/02 (2006.01)**
[25] EN
[54] **PERSONAL CONTAINER FOR FOOD ITEM STORAGE AND DISTRIBUTION**
[54] **RECIPIENT PERSONNEL POUR LE STOCKAGE ET LA DISTRIBUTION D'ARTICLES ALIMENTAIRES**
[72] HENDRICKS, WILLIAM J., US
[72] LAWRENCE, ERIC, US
[72] MARKEY, JONATHON, US
[71] THE HERSHEY COMPANY, US
[85] 2016-09-06
[86] 2015-03-07 (PCT/US2015/019331)
[87] (WO2015/134955)
[30] US (61/949,776) 2014-03-07

[21] **2,941,700**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **CLICKSTREAM PURCHASE PREDICTION USING HIDDEN MARKOV MODELS**
[54] **PREDICTION D'ACHATS LORS DE PARCOURS A L'AIDE DE MODELES DE MARKOV CACHES**
[72] MEHANIAN, COUROSH, US
[72] DANGALTCHEV, TCHAVDAR, US
[72] KUMARA, KARTHIK, US
[72] PAN, JING, US
[72] WEE, TIMOTHY, US
[71] STAPLES, INC., US
[85] 2016-09-02
[86] 2015-03-18 (PCT/US2015/021348)
[87] (WO2015/143096)
[30] US (61/954,931) 2014-03-18
[30] US (14/580,220) 2014-12-23

[21] **2,941,706**
[13] A1
[51] **Int.Cl. A61B 17/221 (2006.01) A61B 17/22 (2006.01)**
[25] EN
[54] **CLOSED TIP DYNAMIC MICROVALVE PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION DYNAMIQUE DE MICROVALVE A EMBOUT FERME**
[72] PINCHUK, BRYAN, US
[72] CHOMAS, JAMES E., US
[72] JAROCH, DAVID BENJAMIN, US
[72] AREPALLY, ARAVIND, US
[71] SUREFIRE MEDICAL, INC., US
[85] 2016-09-02
[86] 2015-03-20 (PCT/US2015/021633)
[87] (WO2015/148284)
[30] US (61/970,202) 2014-03-25
[30] US (14/259,293) 2014-04-23
[30] US (14/330,456) 2014-07-14

[21] **2,941,707**
[13] A1
[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE LINEAR POLYPHOSPHAZENES IN WATER-BASED FLUIDS FOR USE IN WELLS OR PIPELINES**
[54] **POLYPHOSPHAZENES LINEAIRES SOLUBLES DANS L'EAU DANS DES FLUIDES A BASE D'EAU DESTINES A ETRE UTILISES DANS DES PUITS OU DES PIPELINES**
[72] POBER, KENNETH WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-06
[86] 2014-04-09 (PCT/US2014/033544)
[87] (WO2015/156800)

[21] **2,941,708**
[13] A1
[51] **Int.Cl. F25B 41/06 (2006.01) F28D 1/047 (2006.01)**
[25] EN
[54] **REFRIGERATION SYSTEM WITH PHASE CHANGE MATERIAL HEAT EXCHANGER**
[54] **SYSTEME DE REFRIGERATION AVEC ECHANGEUR DE CHALEUR A MATERIAU A CHANGEMENT DE PHASE**
[72] GODBOLE, VINAYAK S., US
[72] PEREIRA, ROBERTO HORN, US
[71] THE COCA-COLA COMPANY, US
[85] 2016-09-02
[86] 2015-03-23 (PCT/US2015/021940)
[87] (WO2015/148346)
[30] US (61/969,289) 2014-03-24

[21] **2,941,709**
[13] A1
[51] **Int.Cl. E21B 23/02 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **PLUGGING OF A FLOW PASSAGE IN A SUBTERRANEAN WELL**
[54] **OBTURATION D'UN PASSAGE D'ECOULEMENT DANS UN PUITS SOUTERRAIN**
[72] MURPHREE, ZACHARY R., US
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-09-06
[86] 2014-04-16 (PCT/US2014/034275)
[87] (WO2015/160338)

[21] **2,941,711**
[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/247 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **ATTRITION RESISTANT PROPPANT COMPOSITE AND ITS COMPOSITION MATTERS**
[54] **COMPOSITE FORMANT AGENT DE SOUTENEMENT RESISTANT A L'ABRASION ET SES MATIERES DE COMPOSITION**
[72] CHEN, FRANK BOR-HER, US
[72] NELSON, AARON, US
[72] DIAZ, MICHAEL, US
[72] MATHIS, RACHEL E., US
[71] ARR-MAZ PRODUCTS, L.P., US
[85] 2016-09-02
[86] 2015-03-26 (PCT/US2015/022806)
[87] (WO2015/148836)
[30] US (61/971,995) 2014-03-28
[30] US (14/669,815) 2015-03-26

[21] **2,941,713**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANAGEMENT OF BITEMPORAL OBJECTS**
[54] **APPAREIL ET PROCEDE DE GESTION D'OBJETS BITEMPORAUX**
[72] XUE, FEI, US
[72] CHINCHWADKAR, GAJANAN, US
[72] LINDBLAD, CHRISTOPHER, US
[71] MARKLOGIC CORPORATION, US
[85] 2016-09-02
[86] 2015-04-02 (PCT/US2015/024106)
[87] (WO2015/157086)
[30] US (61/976,378) 2014-04-07

[21] **2,941,716**
[13] A1
[51] **Int.Cl. C07C 233/44 (2006.01) A61K 31/16 (2006.01) A61K 31/166 (2006.01) C07C 233/07 (2006.01) C07C 233/29 (2006.01)**
[25] EN
[54] **INHIBITORS OF HISTONE LYSINE SPECIFIC DEMETHYLASE (LSD1) AND HISTONE DEACETYLASES (HDACS)**
[54] **INHIBITEURS DE LA DEMETHYLASE (LSD1) SPECIFIQUE D'UNE LYSINE D'HISTONE ET D'HISTONES DESACETYLASES (HDAC)**
[72] COLE, PHILIP, US
[72] MING, SHONOI, US
[72] PRUSEVICH, POLINA, US
[72] KALIN, JAY, US
[72] BAKSHI, RAMAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] INTONATION RESEARCH LABORATORIES, IN
[85] 2016-09-06
[86] 2015-03-09 (PCT/US2015/019467)
[87] (WO2015/134973)
[30] US (61/949,675) 2014-03-07

[21] **2,941,725**
[13] A1
[51] **Int.Cl. F21S 8/02 (2006.01) F21S 8/04 (2006.01)**
[25] EN
[54] **AUTOMATIC INSTALLATION MECHANISM, LAMP HAVING AUTOMATIC INSTALLATION MECHANISM, AND INSTALLATION METHOD THEREOF**
[54] **MECANISME D'INSTALLATION AUTOMATIQUE, LAMPE AYANT UN MECANISME D'INSTALLATION AUTOMATIQUE ET PROCEDE D'INSTALLATION ASSOCIE**
[72] WU, LIANGJU, CN
[71] WU, LIANGJU, CN
[85] 2016-08-25
[86] 2014-10-24 (PCT/CN2014/089391)
[87] (WO2015/058707)
[30] CN (201310535927.0) 2013-10-26
[30] CN (201420170281.0) 2014-03-29

[21] **2,941,726**
[13] A1
[51] **Int.Cl. H04H 60/90 (2009.01)**
[25] EN
[54] **NETWORKING SYSTEMS, PROTOCOLS, AND METHODS FOR CONTROLLING TARGET DEVICES**
[54] **SYSTEMES, PROTOCOLES ET PROCEDES DE MISE EN RESEAU PERMETTANT DE COMMANDER DES DISPOSITIFS CIBLES**
[72] MILLER, ERIC L., US
[71] AVI-ON LABS, LLC, US
[85] 2016-09-06
[86] 2015-03-03 (PCT/US2015/018481)
[87] (WO2015/134493)
[30] US (61/947,122) 2014-03-03
[30] US (62/017,961) 2014-06-27
[30] US (62/086,975) 2014-12-03

[21] **2,941,730**
[13] A1
[51] **Int.Cl. A61B 5/16 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **NEUROLOGICAL ASSESSMENT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'EVALUATION NEUROLOGIQUE**
[72] MILNER, TRACY, CA
[72] CONDELLO, APRIL HEATHER, CA
[71] BRAINFX INC., CA
[85] 2016-08-31
[86] 2014-02-28 (PCT/CA2014/050153)
[87] (WO2014/131131)
[30] US (61/771,443) 2013-03-01

[21] **2,941,731**
[13] A1
[51] **Int.Cl. B05B 9/01 (2006.01) B05B 1/30 (2006.01) B05B 12/00 (2006.01) F16K 1/52 (2006.01) F16K 5/12 (2006.01)**
[25] EN
[54] **WATER APPLICATION DEVICE WITH ERGONOMIC VOLUME CONTROL**
[54] **DISPOSITIF DE DISTRIBUTION D'EAU AVEC REGULATION ERGONOMIQUE DU VOLUME**
[72] MULLER-BRAUN, MATTHIAS, DE
[72] FREY, REINER, DE
[72] ASAL, BENJAMIN, DE
[72] HEPPLER, JOACHIM, DE
[71] HUSQVARNA AB, SE
[85] 2016-08-31
[86] 2014-03-10 (PCT/EP2014/054583)
[87] (WO2015/135566)

[21] **2,941,732**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04W 84/20 (2009.01)**
[25] EN
[54] **CHANGING TOPOLOGY OF WIRELESS PEER-TO-PEER GROUP**
[54] **CHANGEMENT DE TOPOLOGIE D'UN GROUPE D'HOMOLOGUES SANS FIL**
[72] MCCANN, STEPHEN, GB
[72] MONTEMURRO, MICHAEL PETER, CA
[72] LEPP, JAMES RANDOLPH WINTER, CA
[72] SMADI, MOHAMMED NAWAF, CA
[72] BADAWY, GHADA, CA
[72] KEZYS, VYTAUTAS ROBERTAS, CA
[72] HOLE, DAVID PHILIP, GB
[71] BLACKBERRY LIMITED, CA
[85] 2016-08-31
[86] 2015-03-11 (PCT/IB2015/051773)
[87] (WO2015/136462)
[30] US (14/213,002) 2014-03-14

[21] **2,941,733**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER WITH NOTCH1 ANTIBODIES**
[54] **PROCEDES DE TRAITEMENT DU CANCER AU MOYEN D'ANTICORPS ANTI-NOTCH1**
[72] DUPONT, JAKOB, US
[72] KAPOUN, ANN M., US
[72] CANCILLA, BELINDA, US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2016-08-31
[86] 2015-03-04 (PCT/US2015/018756)
[87] (WO2015/134627)
[30] US (61/949,511) 2014-03-07
[30] US (62/013,226) 2014-06-17

[21] **2,941,734**
[13] A1
[51] **Int.Cl. C22C 21/00 (2006.01)**
[25] EN
[54] **ALUMINUM SUPERALLOYS FOR USE IN HIGH TEMPERATURE APPLICATIONS**
[54] **SUPERALLIAGES D'ALUMINIUM DESTINES A ETRE UTILISES DANS DES APPLICATIONS A HAUTE TEMPERATURE**
[72] VO, NHON Q., US
[72] SEIDMAN, DAVID N., US
[72] DUNAND, DAVID C., US
[71] NANOAL LLC, US
[85] 2016-08-31
[86] 2015-03-12 (PCT/US2015/020218)
[87] (WO2015/138748)
[30] US (61/951,591) 2014-03-12
[30] US (61/978,667) 2014-04-11
[30] US (14/645,654) 2015-03-12

[21] **2,941,736**
[13] A1
[51] **Int.Cl. G01R 31/36 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGER COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION DE CHARGEUR DE BATTERIE**
[72] RENKEN, TROY W., US
[72] POWERS, TIMOTHY W., US
[71] ZPOWER, LLC, US
[85] 2016-09-02
[86] 2015-03-13 (PCT/US2015/020328)
[87] (WO2015/138828)
[30] US (61/953,523) 2014-03-14

[21] **2,941,739**
[13] A1
[51] **Int.Cl. G01N 3/20 (2006.01) G01N 3/22 (2006.01) G01N 3/28 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MEASURING PROPERTIES OF A CANTILEVERED MEMBER**
[54] **PROCEDES ET APPAREIL POUR MESURER DES PROPRIETES D'UN ELEMENT EN PORTE-A-FAUX**
[72] GRONDIN, SIMON LOUIS-MICHEL, US
[72] TIMMS, MARK D., US
[71] COOL CLUBS, LLC, US
[85] 2016-09-06
[86] 2015-03-10 (PCT/US2015/019701)
[87] (WO2015/138445)
[30] US (61/950,640) 2014-03-10

[21] **2,941,741**
[13] A1
[51] **Int.Cl. H04W 28/16 (2009.01) H04W 24/02 (2009.01) H04W 56/00 (2009.01)**
[25] EN
[54] **SIMULTANEOUS CHANNEL SWITCHING WITHIN A MESH NETWORK**
[54] **COMMUTATION DE CANAUX SIMULTANEE DANS UN RESEAU MAILLE**
[72] KALKUNTE, VENKAT, US
[71] VIVINT, INC., US
[85] 2016-09-06
[86] 2015-03-10 (PCT/US2015/019728)
[87] (WO2015/138463)
[30] US (61/951,029) 2014-03-11

[21] **2,941,742**
[13] A1
[51] **Int.Cl. H04B 7/02 (2006.01) H04B 17/309 (2015.01)**
[25] EN
[54] **SIGNALLING FOR COORDINATED MULTI-POINT TRANSMISSION AND RECEPTION (COMP)**
[54] **SIGNALISATION POUR UNE EMISSION ET UNE RECEPTION MULTIPOINT COORDONNEES (COMP)**
[72] PRASAD, NARAYAN, US
[72] KHOJASTEPOUR, MOHAMMAD, US
[72] ARSLAN, MUSTAFA, US
[72] SUNDARESAN, KARTHIKEYAN, US
[72] RANGARAJAN, SAMPATH, US
[71] NEC CORPORATION, JP
[85] 2016-09-06
[86] 2015-03-19 (PCT/US2015/021369)
[87] (WO2015/143100)
[30] US (61/955,559) 2014-03-19
[30] US (61/991,323) 2014-05-09
[30] US (61/991,055) 2014-05-09
[30] US (62/034,724) 2014-08-07
[30] US (62/034,885) 2014-08-08
[30] US (62/055,381) 2014-09-25
[30] US (62/056,095) 2014-09-26
[30] US (14/661,036) 2015-03-18

[21] **2,941,746**
[13] A1
[51] **Int.Cl. A01G 31/04 (2006.01) A01G 7/04 (2006.01) A01G 27/00 (2006.01) A01G 31/02 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL VEGETATION GROWING SYSTEMS**
[54] **SYSTEMES DE CROISSANCE DE VEGETATION EN TROIS DIMENSIONS**
[72] WILSON, ERIC JOHN, US
[72] PALLETT, DEREK T., US
[72] LEUNG, NATHAN C., US
[71] GRO-VOLUTION LLC, US
[85] 2016-09-06
[86] 2015-03-19 (PCT/US2015/021384)
[87] (WO2015/143105)
[30] US (61/968,316) 2014-03-20
[30] US (14/662,169) 2015-03-18

[21] **2,941,747**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61B 17/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STABILIZING IMPLANTED SPINAL CORD STIMULATORS**
[54] **SYSTEME ET PROCEDE DE STABILISATION DE STIMULATEURS IMPLANTES DE MOELLE EPINIERE**
[72] HAMILTON, DENNISON, US
[71] K-D INSTRUMENTS, INC., US
[85] 2016-09-06
[86] 2015-03-16 (PCT/US2015/020655)
[87] (WO2015/153104)
[30] US (14/230,534) 2014-03-31

[21] **2,941,748**
[13] A1
[51] **Int.Cl. A61K 31/765 (2006.01) C12N 5/071 (2010.01) C08G 63/06 (2006.01)**
[25] EN
[54] **METHODS OF PROMOTING BONE GROWTH AND HEALING**
[54] **METHODES POUR FAVORISER LA CROISSANCE ET LA CICATRISATION OSSEUSES**
[72] YANG, JIAN, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 2016-09-06
[86] 2015-03-17 (PCT/US2015/020926)
[87] (WO2015/142823)
[30] US (61/954,156) 2014-03-17

[21] **2,941,749**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) A47C 7/62 (2006.01) E02B 11/00 (2006.01)**
[25] EN
[54] **LATTICE PANEL STRUCTURE AND METHOD**
[54] **STRUCTURE DE PANNEAU EN TREILLIS ET PROCEDE**
[72] GARING, FRANCIS XAVIER, US
[71] B/E AEROSPACE, INC., US
[85] 2016-09-06
[86] 2015-03-18 (PCT/US2015/021218)
[87] (WO2015/143021)
[30] US (61/955,405) 2014-03-19

[21] **2,941,750**
[13] A1
[51] **Int.Cl. G03G 15/06 (2006.01) G01F 23/20 (2006.01)**
[25] EN
[54] **TONER LEVEL SENSING FOR A REPLACEABLE UNIT OF AN IMAGE FORMING DEVICE**
[54] **DETECTION DE NIVEAU D'ENCRE EN POUDRE POUR UNE UNITE REMPLACABLE D'UN DISPOSITIF DE FORMATION D'IMAGE**
[72] LEEMHUIS, MICHAEL CRAIG, US
[72] ABLER, JEFFREY ALAN, US
[72] BAST, CHARLES ALAN, US
[72] DUTTON, TODD ALAN, US
[72] SCHNEIDER, DAVID ANTHONY, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2016-09-06
[86] 2015-03-23 (PCT/US2015/021947)
[87] (WO2015/148352)
[30] US (14/227,117) 2014-03-27

[21] **2,941,752**
[13] A1
[51] **Int.Cl. F25D 17/04 (2006.01)**
[25] EN
[54] **VEHICLE REFRIGERATION EQUIPMENT HAVING A LIQUID HEAT REJECTION SYSTEM**
[54] **EQUIPEMENT DE REFRIGERATION DE VEHICULE POSSEDANT UN SYSTEME DE REJET DE CHALEUR DE LIQUIDE**
[72] LU, QIAO, US
[72] GODECKER, WILLIAM J., US
[71] B/E AEROSPACE, INC., US
[85] 2016-09-06
[86] 2015-03-24 (PCT/US2015/022219)
[87] (WO2015/148486)
[30] US (61/969,770) 2014-03-24

[21] **2,941,753**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **ASPIRATION MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE L'ASPIRATION**
[72] LOOK, DAVID M., US
[72] CULBERT, BRADLEY S., US
[71] INCUVATE, LLC, US
[85] 2016-09-06
[86] 2015-04-06 (PCT/US2015/024569)
[87] (WO2015/157191)
[30] US (61/976,975) 2014-04-08

[21] **2,941,754**
[13] A1
[51] **Int.Cl. A61B 17/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGEMENT OF THROMBOSIS**
[54] **SYSTEMES ET PROCEDES DE PRISE EN CHARGE DE THROMBOSE**
[72] LOOK, DAVID M., US
[72] CULBERT, BRADLEY S., US
[71] INCUVATE, LLC, US
[85] 2016-09-06
[86] 2015-04-07 (PCT/US2015/024773)
[87] (WO2015/157330)
[30] US (61/976,975) 2014-04-08
[30] US (62/069,817) 2014-10-28
[30] US (62/090,822) 2014-12-11
[30] US (14/680,017) 2015-04-06

[21] **2,941,757**
[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01)**
[25] EN
[54] **IMAGING PROBES AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS UTILIZING LEVER ARM ACTUATORS**
[54] **SONDES D'IMAGERIE, ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES UTILISANT DES ACTIONNEURS DE BRAS DE LEVIER**
[72] WHEATLEY, BARRY L., US
[72] PARTO, KAMBIZ, US
[71] NOVARTIS AG, CH
[85] 2016-09-06
[86] 2015-05-11 (PCT/US2015/030188)
[87] (WO2015/175422)
[30] US (14/280,116) 2014-05-16

[21] **2,941,760**
[13] A1
[51] **Int.Cl. B65D 88/12 (2006.01)**
[25] EN
[54] **STATIONARY SHIPPING CONTAINER ORIENTED WITH LONGITUDINAL AXIS PERPENDICULAR TO A SUPPORTING SURFACE**
[54] **CONTENEUR D'EXPEDITION FIXE ORIENTE AVEC UN AXE LONGITUDINAL PERPENDICULAIRE A UNE SURFACE D'APPUI**
[72] BOOTUN, LAVISHKAR, CA
[72] ALBANESE, MICHAEL, CA
[71] H2FLOW EQUIPMENT INC., CA
[85] 2016-09-07
[86] 2015-02-02 (PCT/CA2015/000058)
[87] (WO2015/131263)
[30] CA (2,845,235) 2014-03-07

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,937,907**
[13] A1
[51] **Int.Cl. C07H 21/00 (2006.01) C07H 21/04 (2006.01) C07K 14/00 (2006.01) C12N 15/63 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS, METHODS AND KITS FOR THE DETECTION OF CAMPYLOBACTER**
[54] **GENES TRES BIEN CONSERVES ET LEUR UTILISATION POUR GENERER DES SONDES PROPRES A L'ESPECE, PROPRES AU GENE, PROPRES A LA FAMILLE, PROPRES AU GROUPE, DES SONDES D'ACIDE NUCLEIQUE UNIVERSELLES ET DES AMORCES D'AMPLIFICATION EN VUE DE DETECTER RAPIDEMENT ET D'IDENTIFIER DES MICRO-ORGANISMES DERIVES D'ALGUES, D'ARCHEES, DE BACTERIES, DE**
[72] BERGERON, MICHEL G., CA
[72] BOISSINOT, MAURICE, CA
[72] HULETSKY, ANN, CA
[72] MENARD, CHRISTIAN, CA
[72] OUELLETTE, MARC, CA
[72] PICARD, FRANCOIS J., CA
[72] ROY, PAUL H., CA
[71] GENEOHM SCIENCES CANADA INC., CA
[22] 2000-09-28
[41] 2001-04-05
[62] 2,905,326
[30] CA (2,283,458) 1999-09-28
[30] CA (2,307,010) 2000-05-19

---

[21] **2,938,676**
[13] A1
[51] **Int.Cl. C09K 3/18 (2006.01) C02F 1/00 (2006.01) C09K 5/20 (2006.01)**
[25] EN
[54] **VAPOR PRESSURE LOWERING AGENT FOR SEAL WATER IN DRAIN TRAP**
[54] **AGENT DE REDUCTION DE LA PRESSION DE VAPEUR DE JOINT D'EAU DANS UN SIPHON**
[72] TANAKA, SEI, JP
[71] SHIBANO, TETSUYA, JP
[22] 2012-09-21
[41] 2013-03-28
[62] 2,847,583
[30] JP (2011-206982) 2011-09-22

---

[21] **2,939,565**
[13] A1
[51] **Int.Cl. C12P 5/02 (2006.01) C02F 3/28 (2006.01) C02F 3/30 (2006.01) C02F 11/04 (2006.01) C12M 1/00 (2006.01) C12M 1/107 (2006.01) C12P 1/00 (2006.01) C12P 7/54 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANAEROBIC DIGESTION OF BIOMASSES**
[54] **SYSTEME ET METHODE DE DIGESTION ANAEROBIE DE BIOMASSES**
[72] JOHNSON, DETLEV K., US
[71] LANDMARK IP HOLDINGS, LLC, US
[22] 2008-10-27
[41] 2009-04-30
[62] 2,703,715
[30] US (60/982,672) 2007-10-25
[30] US (61/078,835) 2008-07-08

---

[21] **2,939,726**
[13] A1
[51] **Int.Cl. B01D 53/94 (2006.01)**
[25] EN
[54] **TRANSITION METAL/ZEOLITE SCR CATALYSTS**
[54] **CATALYSEURS DE SCR EN METAL DE TRANSITION/ZEOLITE**
[72] ANDERSEN, PAUL JOSEPH, US
[72] COLLIER, JILLIAN ELAINE, GB
[72] CASCI, JOHN LEONELLO, US
[72] CHEN, HAI-YING, US
[72] FEDEYKO, JOSEPH MICHAEL, US
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[22] 2008-04-24
[41] 2008-11-06
[62] 2,685,009
[30] WO (PCT/GB2007/050216) 2007-04-26

---

[21] **2,939,759**
[13] A1
[51] **Int.Cl. B25B 15/04 (2006.01) B25B 13/46 (2006.01) F16D 41/10 (2006.01) F16H 3/00 (2006.01) F16H 31/00 (2006.01) F16D 41/16 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL MECHANICAL CONVERTING UNIT**
[54] **CONVERTISSEUR MECANIQUE BIDIRECTIONNEL**
[72] WANG, WEIYI, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] RATCHET SOLUTIONS, INC., US
[22] 2011-09-01
[41] 2013-01-10
[62] 2,841,091
[30] CN (201110189889.9) 2011-07-07

[21] **2,939,781**
[13] A1
[51] **Int.Cl. C12N 15/31 (2006.01) A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/22 (2006.01) C07K 16/12 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ANTIGENS BASED ON NEISSERIA SPECIES ORF2086 PROTEIN AND COMPOSITIONS COMPRISING SUCH ANTIGENS**
[54] **ANTIGENES FONDES SUR LA PROTEINE ORF2086 DE L'ESPECE NEISSERIA ET COMPOSITIONS RENFERMENT DE TELS ANTIGENES**
[72] ZLOTNICK, GARY W., US
[72] FLETCHER, LEAH D., US
[72] FARLEY, JOHN, US
[72] BERNFIELD, LIESEL A., US
[72] ZAGURSKY, ROBERT J., US
[72] METCALF, BENJAMIN J., US
[71] WYETH HOLDINGS CORPORATION, US
[22] 2002-10-11
[41] 2003-08-07
[62] 2,849,427
[30] US (60/328,101) 2001-10-11
[30] US (60/406,934) 2002-08-30

[21] **2,940,204**
[13] A1
[51] **Int.Cl. B01F 15/00 (2006.01) B01F 7/08 (2006.01) B01F 15/02 (2006.01) F16D 43/284 (2006.01) F16D 48/12 (2006.01) F16H 35/10 (2006.01) F16H 35/12 (2006.01) F16H 37/06 (2006.01)**
[25] EN
[54] **SEQUENTIAL START CLUTCH FOR A MATERIAL MIXING MACHINE**
[54] **EMBRAYAGE DE DEMARRAGE SEQUENTIEL POUR MACHINE DE MELANGE DE MATERIAU**
[72] MCFARLANE, CLAUDE, US
[72] ALBRIGHT, CHRIS, US
[72] BASSETT, WILLIAM, US
[71] KUHN NORTH AMERICA, INC., US
[22] 2008-10-21
[41] 2009-09-24
[62] 2,717,924
[30] US (12/051,506) 2008-03-19

[21] **2,940,304**
[13] A1
[51] **Int.Cl. C23C 30/00 (2006.01) B21D 22/20 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **AL-PLATED STEEL SHEET, METHOD FOR HOT-PRESSING AL-PLATED STEEL SHEET, AND AUTOMOTIVE PART**
[54] **TOLE D'ACIER REVETUE D'UN PLACAGE EN AL, PROCEDE DE PRESSAGE A CHAUD D'UNE TOLE D'ACIER REVETUE D'UN PLACAGE EN AL, ET PIECE AUTOMOBILE**
[72] MAKI, JUN, JP
[72] KUROSAKI, MASAO, JP
[72] KUSUMI, KAZUHISA, JP
[72] YAMANAKA, SHINTARO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[22] 2013-04-15
[41] 2013-10-24
[62] 2,867,655
[30] JP (2012-095014) 2012-04-18
[30] JP (2012-100266) 2012-04-25

[21] **2,940,337**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **IMMUNOTHERAPY REGIMES DEPENDENT ON APOE STATUS**
[54] **REGIMES IMMUNOTHERAPEUTIQUES DEPENDANT DU STATUT DE L'APOE**
[72] BLACK, RONALD, US
[72] EKMAN, LARS, US
[72] LIEBERBURG, IVAN, US
[72] GRUNDMAN, MICHAEL, US
[72] CALLAWAY, JAMES, US
[72] GREGG, KEITH M., US
[72] JACOBSEN, JACK STEVEN, US
[72] GILL, DAVINDER, US
[72] TCHISTIAKOVA, LIOUDMILA, US
[72] WIDOM, ANGELA, US
[71] JANSSEN SCIENCES IRELAND UC, IE
[71] WYETH LLC, US
[22] 2008-10-17
[41] 2009-04-23
[62] 2,702,617
[30] US (60/999,423) 2007-10-17
[30] US (61/083,827) 2008-07-25

[21] **2,940,372**
[13] A1
[51] **Int.Cl. B65H 20/02 (2006.01) B31B 19/74 (2006.01) B65H 35/00 (2006.01) B65H 35/08 (2006.01)**
[25] EN
[54] **BANDER FOR A BAG MACHINE**
[54] **ENROULEUR POUR MACHINE A SAC**
[72] SELLE, PAUL A., US
[72] JANSEN, THOMAS C., US
[72] KRUEGER, MARK C., US
[72] KUCHENBECKER, DAVID G., US
[71] CMD CORPORATION, US
[22] 2009-01-16
[41] 2009-12-17
[62] 2,727,368
[30] US (12/135,738) 2008-06-09

[21] **2,940,381**
[13] A1
[51] **Int.Cl. A01N 57/20 (2006.01) A01N 33/18 (2006.01) A01N 41/06 (2006.01) A01N 43/80 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITION COMPRISING GLYPHOSATE, GLUFOSINATE OR THEIR SALTS**
[54] **COMPOSITION HERBICIDE COMPRENANT DU GLYPHOSATE, DU GLUFOSINATE OU LEURS SELS**
[72] SIEVERNICH, BERND, DE
[72] MOBERG, WILLIAM KARL, DE
[72] SIMON, ANJA, DE
[72] WALTER, HELMUT, DE
[72] EVANS, RICHARD R., US
[71] BASF SE, DE
[22] 2009-05-20
[41] 2009-11-26
[62] 2,723,310
[30] US (61/055,040) 2008-05-21
[30] US (61/056,622) 2008-05-28
[30] US (61/118,895) 2008-12-01

[21] **2,940,383**
[13] A1
[51] **Int.Cl. A01N 57/20 (2006.01) A01N 43/10 (2006.01) A01N 43/56 (2006.01) A01N 43/80 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITION COMPRISING GLYPHOSATE, GLUFOSINATE OR THEIR SALTS**
[54] **COMPOSITION HERBICIDE COMPRENANT DU GLYPHOSATE, DU GLUFOSINATE OU LEURS SELS**
[72] SIEVERNICH, BERND, DE
[72] MOBERG, WILLIAM KARL, DE
[72] SIMON, ANJA, DE
[72] WALTER, HELMUT, DE
[72] EVANS, RICHARD R., US
[71] BASF SE, DE
[22] 2009-05-20
[41] 2009-11-26
[62] 2,723,310
[30] US (61/055,040) 2008-05-21
[30] US (61/056,622) 2008-05-28
[30] US (61/118,895) 2008-12-01

[21] **2,940,718**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01) C12N 15/52 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **GENE SILENCING**
[54] **EXTINCTION GENIQUE**
[72] ROMMENS, CAIUS M. T., US
[72] YAN, HUA, US
[72] BOUGRI, OLEG, US
[72] SWORDS, KATHY M. M., US
[71] J.R. SIMPLOT COMPANY, US
[22] 2005-09-23
[41] 2006-04-06
[62] 2,581,440
[30] US (60/612,638) 2004-09-24
[30] US (60/619,959) 2004-10-20
[30] US (60/653,609) 2005-02-16
[30] US (60/668,071) 2005-04-05

[21] **2,940,755**
[13] A1
[51] **Int.Cl. G01V 3/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ESTIMATING FORMATION RESISTIVITY AND POROSITY**
[54] **PROCEDES ET SYSTEMES POUR ESTIMER UNE RESISTIVITE ET UNE POROSITE DE FORMATION**
[72] LI, JING, US
[72] KAINER, GARY, US
[72] ROURKE, MARVIN, GB
[72] BITTAR, MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2011-04-18
[41] 2012-10-26
[62] 2,833,719

[21] **2,940,758**
[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **THREADED INTERFACES**
[54] **INTERFACES FILETEES**
[72] PORTERFIELD, JOHN W., US
[72] MACLACHLAN, DANIEL R., US
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2014-04-22
[41] 2014-10-26
[62] 2,849,617
[30] US (13/871,778) 2013-04-26

[21] **2,940,759**
[13] A1
[51] **Int.Cl. E21B 33/035 (2006.01)**
[25] EN
[54] **SUBSEA INTERNAL RISER ROTATING CONTROL DEVICE SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE APPLICABLE A UN DISPOSITIF DE COMMANDE ROTATIF DE COLONNE INTERNE DE MONTEE IMMERGEE**
[72] BAILEY, THOMAS F., US
[72] WAGONER, DANNY W., US
[72] ANDERSON, WAYBOURN J., JR., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2010-01-14
[41] 2010-07-15
[62] 2,690,289
[30] US (61/205,209) 2009-01-15
[30] US (12/643,093) 2009-12-21

[21] **2,940,843**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TARGETED ADVERTISING BASED ON TOPICAL MEMES**
[54] **METHODE ET SYSTEME POUR COMMERCIALISATION CIBLEE BASEE SUR DES MEMES TOPIQUES**
[72] NEWTON, CHRISTOPHER DANIEL, CA
[72] LEBRUN, MARCEL ALBERT, CA
[72] RAMSEY, CHRISTOPHER BENNETT, CA
[71] SALESFORCE.COM, INC., US
[22] 2009-01-20
[41] 2009-07-24
[62] 2,650,319
[30] US (61/023187) 2008-01-24

[21] **2,940,930**
[13] A1
[51] **Int.Cl. A23N 17/00 (2006.01) A23K 20/00 (2016.01) A23K 40/00 (2016.01) A01K 5/00 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREPARING MICRO-INGREDIENT FEED ADDITIVES TO ANIM AL FEED RATIONS**
[54] **SYSTEME ET PROCEDE DE PREPARATION D'ADDITIFS DE MICRO-INGREDIENTS POUR L'ALIMENTATION ANIMALE**
[72] FREEMAN, STEVE, US
[72] WHITE, A. JOSHUA, US
[71] ANIMAL HEALTH INTERNATIONAL, INC., US
[22] 2015-01-06
[41] 2015-07-07
[62] 2,876,400
[30] US (61/924,628) 2014-01-07
[30] US (14/589,284) 2015-01-05

[21] **2,940,942**
[13] A1
[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/575 (2006.01) C07J 53/00 (2006.01)**
[25] EN
[54] **POLYMORPHS OF CDDO ETHYL ESTER AND USES THEREOF**
[54] **POLYMORPHES D'ESTER ETHYLIQUE CDDO ET LEURS UTILISATIONS**
[72] ZHANG, XIAOHONG, CN
[72] LU, SONG, CN
[72] SUN, WENDONG, CN
[72] LIU, KAIYANG, CN
[72] HAN, CHUNLEI, CN
[71] APPLIED PHARMACEUTICAL SCIENCE, INC., CN
[71] WANG, ZHIJIAN, CN
[71] ZHANG, XIAOHONG, CN
[22] 2012-12-06
[41] 2014-06-06
[62] 2,813,934

[21] **2,940,954**
[13] A1
[51] **Int.Cl. C07D 277/46 (2006.01) A61K 31/415 (2006.01) A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) A61K 31/4196 (2006.01) A61K 31/42 (2006.01) A61K 31/421 (2006.01) A61K 31/422 (2006.01) A61K 31/4245 (2006.01) A61K 31/425 (2006.01) A61K 31/426 (2006.01) A61K 31/427 (2006.01) A61K 31/433 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) A61P 31/20 (2006.01) C07D 231/40 (2006.01) C07D 233/88 (2006.01) C07D 249/14 (2006.01) C07D 263/48 (2006.01) C07D 271/06 (2006.01) C07D 271/10 (2006.01) C07D 275/03 (2006.01) C07D 285/08 (2006.01) C07D 285/135 (2006.01) C07D 401/04 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **HALOALKYL HETEROARYL BENZAMIDE COMPOUNDS**
[54] **COMPOSES HALOALKYL HETEROARYL BENZAMIDE**
[72] ROSSIGNOL, JEAN-FRANCOIS, US
[72] SEMPLE, J. EDWARD, US
[71] ROMARK LABORATORIES L.C., US
[22] 2010-05-11
[41] 2010-11-18
[62] 2,761,876
[30] US (61/177,626) 2009-05-12

[21] **2,940,962**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **CANCER VACCINE COMPOSITION**
[54] **COMPOSITION DE VACCIN CONTRE LE CANCER**
[72] SUGIYAMA, HARUO, JP
[71] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
[22] 2008-12-05
[41] 2009-06-11
[62] 2,706,907
[30] JP (2007-314552) 2007-12-05

[21] **2,941,187**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE ARRAY ASSEMBLY AND METHOD FOR DELIVERING THERAPEUTIC AGENTS**
[54] **ENSEMBLE D'AIGUILLES ET PROCEDE DE DISTRIBUTION D'AGENTS THERAPEUTIQUES**
[72] BAHRAMI, S. BAHRAM, US
[72] VEISEH, MANDANA, US
[72] OLSON, JAMES, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[22] 2008-08-14
[41] 2009-02-19
[62] 2,696,209
[30] US (60/955,676) 2007-08-14

[21] **2,941,201**
[13] A1
[51] **Int.Cl. A61H 19/00 (2006.01) A61H 7/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR PROMOTING FEMALE SEXUAL WELLNESS**
[54] **DISPOSITIFS ET PROCEDES POUR FAVORISER LE BIEN-ETRE SEXUEL FEMININ**
[72] MAKOWER, JOSHUA, US
[72] BRIGHT, EARL A., US
[72] GOLDFARB, ERIC A., US
[72] FERDINAND, ARTHUR, US
[72] ACOSTA, PABLO, US
[72] FACTEAU, WILLIAM M., US
[72] WANG, SHARON LAM, US
[72] GOLDENBERG, ALEX, US
[72] STRASSER, MICHAEL, US
[72] AZIZ, IMRAAN, US
[72] LAMSON, KYLE, US
[72] COLOMBO, JOHN, US
[72] GRANGE, WILLIAM JUSTIN, US
[72] CORDOBA, JOSE LUIS, US
[71] NUELLE, INC., US
[22] 2013-11-29
[41] 2014-06-05
[62] 2,896,744
[30] US (61/731,487) 2012-11-30
[30] US (13/798,085) 2013-03-13
[30] US (13/874,335) 2013-04-30
[30] US (61/839,792) 2013-06-26
[30] US (61/856,717) 2013-07-21
[30] US (61/864,558) 2013-08-10

[21] **2,941,213**
[13] A1
[51] **Int.Cl. A61B 8/12 (2006.01) A61B 1/04 (2006.01) A61B 1/07 (2006.01)**
[25] EN
[54] **IMAGING PROBE WITH COMBINED ULTRASOUND AND OPTICAL MEANS OF IMAGING**
[54] **SONDE D'IMAGERIE DOTE D'UN MOYEN ULTRASONIQUE ET OPTIQUE D'IMAGERIE**
[72] COURTNEY, BRIAN, CA
[72] MUNCE, NIGEL ROBERT, CA
[72] THIND, AMANDEEP SINGH, CA
[72] YANG, VICTOR XIAO DONG, CA
[72] FOSTER, FRANCIS STUART, CA
[71] SUNNYBROOK HEALTH SCIENCES CENTRE, CA
[22] 2008-01-21
[41] 2008-07-24
[62] 2,675,617
[30] US (60/881,169) 2007-01-19

[21] **2,941,269**
[13] A1
[51] **Int.Cl. H02M 7/04 (2006.01) H03H 7/38 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR HIGH EFFICIENCY RECTIFICATION FOR VARIOUS LOADS**
[54] **PROCEDE ET APPAREIL DE REDRESSEMENT A HAUT RENDEMENT DE DIVERSES CHARGES**
[72] GREENE, CHARLES E., US
[72] HARRIST, DANIEL W., US
[71] POWERCAST CORPORATION, US
[22] 2006-10-23
[41] 2007-05-03
[62] 2,625,409
[30] US (60/729,792) 2005-10-24

---

[21] **2,941,281**
[13] A1
[51] **Int.Cl. E04G 7/20 (2006.01) E04G 3/34 (2006.01) E04G 5/06 (2006.01)**
[25] EN
[54] **ARTICULATING WORK PLATFORM SUPPORT SYSTEM, WORK PLATFORM SYSTEM, AND METHODS OF USE THEREOF**
[54] **SYSTEME SUPPORT DE PLATE-FORME DE TRAVAIL ARTICULEE, SYSTEME DE PLATE-FORME DE TRAVAIL ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] JOLICOEUR, PAUL, US
[72] SCRAFFORD, ROY, US
[72] WESTRICK, CLIFFORD, US
[72] GORDON, DAVE, US
[72] SILIC, TOM, US
[72] TIFFT, EDWARD, US
[72] GRUMMERG, MATHIEU, US
[71] SAFWAY SERVICES, LLC, US
[22] 2005-03-28
[41] 2005-10-20
[62] 2,821,556
[30] US (10/814,945) 2004-03-31

---

[21] **2,941,373**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H02M 5/42 (2006.01)**
[25] EN
[54] **BI-LEVEL CURRENT CONFIGURABLE DRIVER**
[54] **CIRCUIT PILOTE CONFIGURABLE A COURANT A DEUX NIVEAUX**
[72] KUMAR, NITIN, US
[72] ZIEGLER, MARKUS, US
[71] OSRAM SYLVANIA INC., US
[22] 2014-08-01
[41] 2015-02-09
[62] 2,858,153
[30] US (61/864,319) 2013-08-09
[30] US (14/312,919) 2014-06-24

---

[21] **2,941,396**
[13] A1
[51] **Int.Cl. G02C 7/16 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **ZONE SWITCHED SPORTS TRAINING EYEWEAR**
[54] **LUNETTES D'ENTRAINEMENT DE SPORT A COMMUTATION DE ZONE**
[72] COULTER, RYAN, US
[72] COLLIER, MICHAEL, US
[72] FRANK, PHIL, US
[72] REICHOW, ALAN W., US
[72] CITEK, KARL M., US
[71] NIKE INNOVATE C.V., US
[22] 2007-08-31
[41] 2008-03-20
[62] 2,662,117
[30] US (11/514,822) 2006-08-31

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