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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

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

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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

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

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:

2,883,524

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 :

2,883,524

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 **$800**
(Rule 58)

* International fees will be reduced by:

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

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 **800 $**
(Règle 58)

* Les frais seront réduits de:

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

12. 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.

Provincial and Territorial Holidays

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

Jours fériés provinciaux ou territoriaux

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

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.

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. 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.*

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 *Xpresspostᴹᶜ* 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 recommandéᴹᶜ* et *Xpresspostᴹᶜ* 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 recommandéᴹᶜ* et *Xpresspostᴹᶜ* 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.

Electronic Media accepted by the Patent Office

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

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

4. Details concerning the electronic formats accepted

Patents

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

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

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

TIFF Format:

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

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

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

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

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

4. Précisions concernant les formats électroniques acceptés

Brevets

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

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

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.

5. General Information

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

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

Format ASCII :

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

Dessins industriels

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

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

Format TIFF :

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

Photographies en format JPEG :

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

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

5. Renseignements généraux

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

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 22, 2016 contains applications open to public inspection from November 6, 2016 to November 12, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 22 novembre 2016 contient les demandes disponibles au public pour consultation pour la période du 6 novembre 2016 au 12 novembre 2016.

Canadian Patents Issued

November 22, 2016

Brevets canadiens délivrés

22 novembre 2016

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[11] **2,381,973**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GATHERING AND STANDARDIZING CUSTOMER PURCHASE INFORMATION FOR TARGET MARKETING**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RASSEMBLER ET DE NORMALISER DES INFORMATIONS RELATIVES AUX ACHATS DE CONSOMMATEURS DESTINEES A UNE METHODE DE MARCHES-CIBLES**
[72] ROTHMAN, MICHAEL J., US
[72] WITSIL, KATHLEEN H., US
[72] NANEK, DAVID W., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[73] BANK ONE, DELAWARE, NA, US
[73] JPMORGAN CHASE BANK, NA, US
[85] 2002-02-14
[86] 2000-08-16 (PCT/US2000/022319)
[87] (WO2001/013304)
[30] US (09/375,234) 1999-08-16

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[11] **2,383,790**
[13] C
[51] **Int.Cl. C12Q 1/02 (2006.01) A61K 31/70 (2006.01) A61K 38/00 (2006.01) C07K 1/00 (2006.01) C07K 14/00 (2006.01) C07K 17/00 (2006.01) C12N 5/00 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **TELOMERE RESTORATION AND EXTENSION OF CELL LIFE-SPAN IN ANIMALS CLONED FROM SENESCENT SOMATIC CELLS**
[54] **RESTAURATION DU TELOMERE ET EXTENSION DE LA DUREE DE VIE D'UNE CELLULE CHEZ LES ANIMAUX CLONES A PARTIR DE CELLULES SOMATIQUES SENESCENTES**
[72] WEST, MICHAEL, US
[72] LANZA, ROBERT L., US
[72] CIBELLI, JOSE, US
[73] ADVANCED CELL TECHNOLOGY, INC., US
[85] 2002-03-01
[86] 2000-09-06 (PCT/US2000/024393)
[87] (WO2001/018236)
[30] US (60/152,340) 1999-09-07
[30] US (60/179,486) 2000-02-01
[30] US (09/527,026) 2000-03-16
[30] US (09/520,879) 2000-04-05

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[11] **2,399,098**
[13] C
[51] **Int.Cl. A61K 38/48 (2006.01) A61K 47/46 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL CARRIER COMPOSITION FOR PAPAYNE BASED PRODUCTS**
[54] **COMPOSITION COMPRENANT UN SUPPORT PHARMACEUTIQUE ET DESTINEE A DES PRODUITS A BASE DE PAPAINE**
[72] RIBEIRO SANTANA, CRISTIANO ALBERTO, BR
[72] NUCCI, GILBERTO DE, BR
[72] FALCI, MARCIO, BR
[73] TOPIC EMPREENDIMENTOS E PARTICIPACOES S/C LTDA., BR
[85] 2002-08-02
[86] 2001-02-05 (PCT/BR2001/000012)
[87] (WO2001/056597)
[30] BR (PI 0413) 2000-02-04

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[11] **2,402,225**
[13] C
[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CUSTOMIZING PET FOOD**
[54] **PROCEDES ET DISPOSITIFS POUR PERSONNALISER DES ALIMENTS POUR ANIMAUX DE COMPAGNIE**
[72] SINGH, BHAJMOHAN RICKY, US
[72] KALISHMAN, DIANE S., US
[72] SAUER, TERESA L., US
[72] STOLL, JILL, US
[73] NESTEC, LTD., CH
[85] 2002-09-09
[86] 2001-03-08 (PCT/US2001/007459)
[87] (WO2001/069487)
[30] US (09/522,586) 2000-03-10

[11] **2,405,629**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR THE SURVEY AND GENETIC ANALYSIS OF POPULATIONS**
[54] **PROCEDES DESTINES A L'ETUDE ET A L'ANALYSE GENETIQUE DE POPULATIONS**
[72] ASHBY, MATTHEW, US
[73] TAXON BIOSCIENCES, INC., US
[85] 2002-10-09
[86] 2001-04-10 (PCT/US2001/011609)
[87] (WO2001/077392)
[30] US (60/196,063) 2000-04-10
[30] US (60/196,258) 2000-04-11

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[11] **2,442,603**
[13] C
[51] **Int.Cl. G06T 5/50 (2006.01) G06T 5/40 (2006.01)**
[25] EN
[54] **DIGITAL COMPOSITION OF A MOSAIC IMAGE**
[54] **COMPOSITION NUMERIQUE D'UNE IMAGE MOSAIQUE**
[72] SAED, ARYAN, CA
[73] ESPRESSIVO ACQUISITIONS LIMITED LIABILITY COMPANY, US
[86] (2442603)
[87] (2442603)
[22] 2003-10-01

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[11] **2,449,618**
[13] C
[51] **Int.Cl. H04J 13/16 (2011.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WALSH SPACE ASSIGNMENT IN A COMMUNICATION SYSTEM**
[54] **PROCEDE ET DISPOSITIF D'AFFECTATION D'ESPACE WALSH DANS UN SYSTEME DE COMMUNICATION**
[72] TIEDEMANN, EDWARD G., JR., US
[73] QUALCOMM INCORPORATED, US
[85] 2003-12-04
[86] 2002-06-05 (PCT/US2002/017817)
[87] (WO2002/101951)
[30] US (60/297,105) 2001-06-07
[30] US (10/079,782) 2002-02-19

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[11] **2,495,315**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) B07C 1/00 (2006.01) B07C 3/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DATA TRANSMISSION BETWEEN A PACKAGE MAILBOX AND AT LEAST ONE CENTRAL DATA PROCESSING UNIT IN A LOGISTIC SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES ENTRE UN SYSTEME DE CASIERS A COLIS POSTAUX ET AU MOINS UNE UNITE CENTRALE DE TRAITEMENT DE DONNEES D'UN SYSTEME LOGISTIQUE**
[72] MAYER, BORIS, DE
[72] SCHOMMERS, JOHANNES, DE
[73] DEUTSCHE POST AG, DE
[85] 2005-02-14
[86] 2003-08-07 (PCT/DE2003/002693)
[87] (WO2004/018116)
[30] DE (102 38 344.8) 2002-08-16

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[11] **2,498,977**
[13] C
[51] **Int.Cl. B32B 27/28 (2006.01) B32B 7/12 (2006.01) B32B 27/06 (2006.01) B32B 27/30 (2006.01) B32B 27/36 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **PACKAGING FILMS CONTAINING COEXTRUDED POLYESTER AND NYLON LAYERS**
[54] **PELLICULES D'EMBALLAGE COMPRENANT DES COUCHES DE POLYESTER ET DE NYLON OBTENUES PAR COEXTRUSION**
[72] LISCHEFSKI, ANDREW JOHN, US
[73] BEMIS COMPANY, INC., US
[86] (2498977)
[87] (2498977)
[22] 2005-02-28
[30] US (10/795,567) 2004-03-08

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[11] **2,503,901**
[13] C
[51] **Int.Cl. A63F 9/24 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR JACKPOT WAGERING**
[54] **SYSTEME ET PROCEDE POUR PARIS AVEC GROS LOT**
[72] GOVENDER, DEVAN, ZA
[73] WATERLEAF LIMITED, GB
[85] 2005-04-26
[86] 2003-10-27 (PCT/IB2003/004736)
[87] (WO2004/037363)
[30] GB (0224989.4) 2002-10-28

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[11] **2,507,566**
[13] C
[51] **Int.Cl. C12N 15/31 (2006.01) A61K 38/16 (2006.01) A61P 31/04 (2006.01) C07K 14/335 (2006.01) C12N 1/20 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **CARNOBACTERIUM DIVERGENS M35 AND BACTERIOCIN PRODUCED THEREFROM**
[54] **LIGNEE DE BACTERIES CARNOBACTERIUM DIVERGENS M35 ET BACTERIOCINE PRODUITE GRACE A CELLES-CI**
[72] FLISS, ISMAIL, CA
[72] DESBIENS, MICHEL, CA
[72] TAHIRI, CHRISTOPHE LACROIX, CA
[72] BENECH, REGIS-OLIVIER, CA
[72] KHEADR, EHAB, CA
[73] UNIVERSITE LAVAL, CA
[86] (2507566)
[87] (2507566)
[22] 2005-04-25
[30] US (10/834,886) 2004-04-30

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[11] **2,525,127**
[13] C
[51] **Int.Cl. G07G 1/14 (2006.01) G07G 1/00 (2006.01)**
[25] EN
[54] **SELF-CHECKOUT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CONTROLE AUTOMATIQUE**
[72] JACOBS, ERIC L. L., CA
[73] FUJITSU FRONTECH NORTH AMERICA INC., US
[85] 2005-11-08
[86] 2003-05-14 (PCT/CA2003/000693)
[87] (WO2003/098496)
[30] US (10/150,146) 2002-05-17

[11] **2,540,401**
[13] C
[51] **Int.Cl. A61M 39/02 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **SUBCUTANEOUS INJECTION PORT WITH STABILIZING ELEMENTS**
[54] **ORIFICE D'INJECTION SOUS-CUTANE AVEC ELEMENTS STABILISANTS**
[72] SCHULZE, DALE R., US
[72] CHEN, HOW-LUN, US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2540401)
[87] (2540401)
[22] 2006-03-20
[30] US (11/086,195) 2005-03-22

[11] **2,546,898**
[13] C
[51] **Int.Cl. B01J 20/28 (2006.01) B01J 20/22 (2006.01) B01J 20/32 (2006.01) B01L 3/02 (2006.01) B01J 20/287 (2006.01)**
[25] EN
[54] **POLYSILAZANE THERMOSETTING POLYMERS FOR USE IN CHROMATOGRAPHIC SYSTEMS AND APPLICATIONS**
[54] **POLYMERES THERMODURCISSANTS DE POLYSILAZANE S'UTILISANT DANS DES SYSTEMES ET DES APPLICATIONS CHROMATOGRAPHIQUES**
[72] BETZ, WILLIAM R., US
[72] LINTON, CHRISTOPHER M., US
[73] SIGMA-ALDRICH CO. LLC, US
[85] 2006-05-19
[86] 2004-11-19 (PCT/US2004/038832)
[87] (WO2005/052544)
[30] US (60/523,654) 2003-11-20

[11] **2,551,025**
[13] C
[51] **Int.Cl. H04L 29/02 (2006.01) G06F 9/44 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **APPLICATION FRAMEWORK FOR USE WITH NET-CENTRIC PROGRAM ARCHITECTURES**
[54] **CADRE D'APPLICATIONS POUR ARCHITECTURES DE PROGRAMMES RESEAUCENTRIQUES**
[72] ROLFS, DAMON MICHAEL, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2551025)
[87] (2551025)
[22] 2002-05-17
[62] 2,446,809

[11] **2,568,189**
[13] C
[51] **Int.Cl. H04R 1/26 (2006.01) H04R 1/02 (2006.01) H04R 27/00 (2006.01)**
[25] EN
[54] **SPEAKER SYSTEM**
[54] **SYSTEME DE HAUT-PARLEUR**
[72] IWAYAMA, KEN, JP
[73] TOA CORPORATION, JP
[85] 2006-11-24
[86] 2005-04-06 (PCT/JP2005/006766)
[87] (WO2005/117484)
[30] JP (2004-162095) 2004-05-31
[30] JP (2004-202079) 2004-07-08

[11] **2,572,100**
[13] C
[51] **Int.Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01) A61K 47/30 (2006.01) A61L 27/54 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01) A61K 9/52 (2006.01)**
[25] EN
[54] **POLYMERIC COMPOSITIONS COMPRISING THERAPEUTIC AGENTS IN CRYSTALLINE PHASES, AND METHODS OF FORMING THE SAME**
[54] **COMPOSITIONS POLYMERIQUES COMPRENANT DES AGENTS THERAPEUTIQUES EN PHASES CRISTALLINES, ET METHODES DE PRODUCTION DE CES COMPOSITIONS**
[72] BURGERMEISTER, ROBERT, US
[72] DAVE, VIPUL, US
[73] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
[86] (2572100)
[87] (2572100)
[22] 2006-12-27
[30] US (11/321,255) 2005-12-29

[11] **2,578,919**
[13] C
[51] **Int.Cl. B41M 3/14 (2006.01) B42D 25/369 (2014.01) B42D 25/378 (2014.01) B44F 1/08 (2006.01)**
[25] EN
[54] **SECURITY DEVICE FORMED BY PRINTING WITH SPECIAL EFFECT INKS**
[54] **DISPOSITIF DE SECURITE FORME AU MOYEN DE L'IMPRESSION AVEC DES ENCRES A EFFETS SPECIAUX**
[72] RAKSHA, VLADIMIR P., US
[72] COOMBS, PAUL G., US
[72] MARKANTES, CHARLES T., US
[73] VIAVI SOLUTIONS INC., US
[86] (2578919)
[87] (2578919)
[22] 2007-02-20
[30] US (60/777,086) 2006-02-27

[11] **2,579,078**
[13] C
[51] **Int.Cl. C07D 407/04 (2006.01) A61K 31/4355 (2006.01) A61K 31/438 (2006.01) C07D 307/94 (2006.01) C07D 405/04 (2006.01)**
[25] EN
[54] **CYCLOPAMINE ANALOGUES AND METHODS OF USE THEREOF**
[54] **ANALOGUES DE CYCLOPAMINE ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] JANARDANAN NAIR, SOMARAJAN NAIR, US
[72] ADAMS, JULIAN, US
[72] TREMBLAY, MARTIN, US
[72] CASTRO, ALFREDO, US
[72] FOLEY, MICHAEL A., US
[72] NEVALAINEN, MARTA, US
[72] PORTER, JAMES R., US
[73] INFINITY PHARMACEUTICALS, INC., US
[85] 2007-02-27
[86] 2005-08-26 (PCT/US2005/030406)
[87] (WO2006/026430)
[30] US (60/605,020) 2004-08-27
[30] US (60/617,170) 2004-10-08
[30] US (60/625,676) 2004-11-05
[30] US (60/683,169) 2005-05-19

[11] **2,584,633**
[13] C
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/87 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **VEHICLE TO TRANSPORT A DNA-MODIFYING ENZYME TO A GENOME**
[54] **VEHICULE DESTINE AU TRANSPORT D'UNE ENZYME MODIFICATRICE D'ADN VERS UN GENOME**
[72] RUITERS, MARCEL HERMAN JOSEF, NL
[73] SYNVOLUX IP B.V., NL
[85] 2007-04-13
[86] 2005-10-20 (PCT/NL2005/000753)
[87] (WO2006/043810)
[30] NL (1027311) 2004-10-21
[30] NL (1027417) 2004-11-04
[30] NL (1027479) 2004-11-10

[11] **2,600,061**
[13] C
[51] **Int.Cl. A61F 13/26 (2006.01)**
[25] EN
[54] **A TAMPON APPLICATOR ASSEMBLY**
[54] **ENSEMBLE D'APPLICATION DE TAMPON**
[72] VAN INGELGEM, WERNER, BE
[72] DE POORTER, ANNICK, BE
[72] SMET, STEVEN, BE
[73] ONTEX HYGIENEARTIKEL DEUTSCHLAND GMBH, DE
[85] 2007-09-05
[86] 2006-03-07 (PCT/EP2006/002075)
[87] (WO2006/099944)
[30] EP (05447065.3) 2005-03-25

[11] **2,602,793**
[13] C
[51] **Int.Cl. C12N 9/64 (2006.01) C12N 15/67 (2006.01) C12N 9/04 (2006.01) C12N 15/57 (2006.01)**
[25] EN
[54] **A HOST CELL COMPRISING A VECTOR FOR PRODUCTION OF PROTEINS REQUIRING GAMMA-CARBOXYLATION**
[54] **CELLULE HOTE A VECTEUR DE PRODUCTION DE PROTEINES DEMANDANT UNE GAMMA-CARBOXYLATION**
[72] LOVGREN, ANN, SE
[73] ASTRAZENECA AB, SE
[85] 2007-09-26
[86] 2006-04-10 (PCT/SE2006/000426)
[87] (WO2006/110083)
[30] SE (0500831-3) 2005-04-13

[11] **2,603,000**
[13] C
[51] **Int.Cl. G01D 13/20 (2006.01) G01B 3/10 (2006.01) C09K 11/02 (2006.01)**
[25] EN
[54] **MEASURING DEVICE WITH FLUORESCENT TRANSLUCENT MATERIAL**
[54] **APPAREIL DE MESURE AVEC MATERIAU TRANSLUCIDE FLUORESCENT**
[72] MURRAY, JOHN, US
[73] THE STANLEY WORKS, US
[86] (2603000)
[87] (2603000)
[22] 2007-09-26
[30] US (11/581,071) 2006-10-16

[11] **2,611,144**
[13] C
[51] **Int.Cl. A61K 47/32 (2006.01) A61K 8/55 (2006.01) A61K 8/81 (2006.01) A61K 8/90 (2006.01) A61K 8/92 (2006.01) A61K 38/08 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING A LIPID AND COPOLYMER OF STYRENE AND MALEIC ACID**
[54] **COMPOSITIONS COMPRENANT UN LIPIDE ET UN COPOLYMERE DE STYRENE ET D'ACIDE MALEIQUE**
[72] TONGE, STEPHEN, GB
[73] MALVERN COSMECEUTICS LIMITED, GB
[85] 2007-11-29
[86] 2006-05-31 (PCT/GB2006/050134)
[87] (WO2006/129127)
[30] GB (0510968.1) 2005-05-31

[11] **2,613,446**
[13] C
[51] **Int.Cl. B64C 23/06 (2006.01)**
[25] EN
[54] **RETRACTABLE VORTEX GENERATOR**
[54] **GENERATEUR DE VORTEX ESCAMOTABLE**
[72] NARRAMORE, JAMES CHARLES, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2007-12-21
[86] 2006-06-30 (PCT/US2006/025730)
[87] (WO2007/005687)
[30] US (60/695,181) 2005-06-30

[11] **2,614,840**
[13] C
[51] **Int.Cl. G10L 13/10 (2013.01)**
[25] EN
[54] **SYSTEM, PROGRAM, AND CONTROL METHOD FOR SPEECH SYNTHESIS**
[54] **SYSTEME, PROGRAMME, ET PROCEDE DE CONTROLE POUR SYNTHESE VOCALE**
[72] NEGANO, TORU, JP
[72] MORI, SHINSUKE, JP
[72] NISHIMURA, MASAFUMI, JP
[73] NUANCE COMMUNICATIONS, INC., US
[85] 2008-01-09
[86] 2006-07-10 (PCT/EP2006/064052)
[87] (WO2007/006769)
[30] JP (2005-203160) 2005-07-12

[11] **2,624,331**
[13] C
[51] **Int.Cl. A61K 33/42 (2006.01) A61K 31/19 (2006.01)**
[25] EN
[54] **DUAL-PHASE CEMENT PRECURSOR SYSTEMS FOR BONE REPAIR**
[54] **SYSTEMES PRECURSEURS DE CIMENT A DEUX PHASES POUR REPARER DES OS**
[72] CHOW, LAURENCE C., US
[72] TAKAGI, SHOZO, US
[73] ADA FOUNDATION, US
[85] 2008-04-01
[86] 2006-10-19 (PCT/US2006/041034)
[87] (WO2007/047921)
[30] US (60/728,888) 2005-10-21
[30] US (11/550,586) 2006-10-18

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[11] **2,624,691**
[13] C
[51] **Int.Cl. A61D 11/00 (2006.01) A01K 35/00 (2006.01) A01L 15/00 (2006.01)**
[25] EN
[54] **HOOF BATH SYSTEM**
[54] **SYSTEME DE PEDILUVE**
[72] TORGERSON, KEVIN L., US
[72] BUCK, ROBERT L., US
[72] HEDLUND, NATHAN, US
[72] MENDELL, SUE, US
[72] STEVENSON, RANDAL D., US
[72] GRADLE, CHARLES D., US
[72] DEE, ALEJANDRO O., US
[72] HANSON, JEFFREY S., US
[72] GINGRICH, GLENN, US
[73] GEA FARM TECHNOLOGIES, INC., US
[85] 2008-04-03
[86] 2006-10-03 (PCT/US2006/038729)
[87] (WO2007/044372)
[30] US (60/723,462) 2005-10-04
[30] US (11/300,616) 2005-12-14

---

[11] **2,631,467**
[13] C
[51] **Int.Cl. C12N 15/86 (2006.01)**
[25] EN
[54] **ALLERGY INHIBITOR COMPOSITIONS AND KITS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS ET KITS D'INHIBITEURS D'ALLERGIE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] WANG, BIN, CN
[72] JIN, HUALI, CN
[72] KANG, YOUMIN, CN
[72] CHU, HSIEN-JUE, US
[72] NG, KALEUNG, US
[73] CHINA AGRICULTURAL UNIVERSITY, CN
[73] WYETH, US
[85] 2008-05-28
[86] 2006-12-22 (PCT/US2006/049161)
[87] (WO2007/076084)
[30] CN (CN200510132381.X) 2005-12-23

---

[11] **2,631,998**
[13] C
[51] **Int.Cl. A47G 1/06 (2006.01) A47F 7/14 (2006.01) A47G 1/10 (2006.01)**
[25] EN
[54] **COLLAPSIBLE DISPLAY FRAME AND METHODS OF USE**
[54] **CADRE DE PRESENTOIR PLIABLE ET METHODES D'UTILISATION**
[72] SWAVOLA, MICHAEL JAMES, II, US
[73] SWAVOLA, MICHAEL JAMES, II, US
[86] (2631998)
[87] (2631998)
[22] 2008-05-16
[30] US (60/930,681) 2007-05-18

---

[11] **2,632,298**
[13] C
[51] **Int.Cl. G07C 9/00 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **INTEGRATED ACCESS CONTROL SYSTEM AND A METHOD OF CONTROLLING THE SAME**
[54] **SYSTEME INTEGRE DE CONTROLE D'ACCES ET METHODE DE COMMANDE**
[72] ORAKKAN, BINU, IN
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2632298)
[87] (2632298)
[22] 2008-05-26
[30] US (11/755,919) 2007-05-31

---

[11] **2,632,983**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **ANTI-ICAM1 ANTIBODIES FOR INDUCING APOPTOSIS**
[54] **MATERIAUX BIOLOGIQUES ET UTILISATIONS DE CEUX-CI**
[72] FRENDEUS, BJORN, SE
[72] CARLSSON, ROLAND, SE
[73] BIOINVENT INTERNATIONAL AB, SE
[85] 2008-06-11
[86] 2006-12-08 (PCT/EP2006/012065)
[87] (WO2007/068485)
[30] GB (0525214.3) 2005-12-12

---

[11] **2,633,033**
[13] C
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **ANNEXIN DERIVATIVES SUITABLE FOR PRETARGETING IN THERAPY AND DIAGNOSIS**
[54] **DERIVES D'ANNEXINE ADAPTES POUR LE PRECIBLAGE EN THERAPIE ET EN DIAGNOSTIC**
[72] REUTELINGSPERGER, CHRISTIAAN PETER MARIA, NL
[72] MOONEN, PETER, NL
[72] VERMAIRE, AD, NL
[73] MOSAMEDIX B.V., NL
[85] 2008-06-11
[86] 2006-12-12 (PCT/NL2006/050315)
[87] (WO2007/069895)
[30] EP (05111982.4) 2005-12-12

[11] **2,636,110**
[13] C
[51] **Int.Cl. A01H 1/04 (2006.01) A01H 1/06 (2006.01) A01H 3/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **RESISTANCE TO PHYSIOLOGICAL DISORDERS IN LETTUCE**
[54] **METHODE DE RENFORCEMENT DE LA RESISTANCE DE LAITUES A CERTAINES ANOMALIES PHYSIOLOGIQUES**
[72] VAN DUN, CORNELIS MARIA PETRUS, NL
[72] VELTEROP, JOYCE SYLVIA, NL
[72] SCHUT, JOHAN, NL
[72] DIRKS, ROBERT HELENE GHISLAIN, NL
[73] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL
[85] 2008-07-02
[86] 2007-01-08 (PCT/EP2007/000228)
[87] (WO2007/077230)
[30] EP (06075040.3) 2006-01-06
[30] EP (06025321.8) 2006-12-07

[11] **2,636,282**
[13] C
[51] **Int.Cl. B01J 27/051 (2006.01) C10G 47/26 (2006.01)**
[25] EN
[54] **HYDROCARBON-SOLUBLE MOLYBDENUM CATALYST PRECURSORS AND METHODS OF MAKING SAME**
[54] **PRECURSEURS DE CATALYSEUR DE MOLYBDENE SOLUBLES DANS LES HYDROCARBURES ET LEURS PROCEDES DE FABRICATION**
[72] WU, ZHIHUA, US
[72] ZHOU, ZHENHUA, US
[72] ZHOU, BING, US
[73] HEADWATERS TECHNOLOGY INNOVATION, LLC, US
[85] 2008-07-04
[86] 2007-01-03 (PCT/US2007/060049)
[87] (WO2007/082118)
[30] US (11/327,085) 2006-01-06

[11] **2,636,373**
[13] C
[51] **Int.Cl. B29C 65/70 (2006.01)**
[25] EN
[54] **INJECTION MOLDING PROCESS FOR MOLDING MECHANICAL INTERLOCKS BETWEEN MOLDED COMPONENTS**
[54] **PROCEDE DE MOULAGE PAR INJECTION DE COUPLAGES MECANIQUES ENTRE DES ELEMENTS MOULES**
[72] GIRAUD, JEAN-PIERRE, FR
[72] ZBIRKA, MICHEL, FR
[73] CSP TECHNOLOGIES, INC., US
[85] 2008-07-04
[86] 2007-05-04 (PCT/US2007/010833)
[87] (WO2007/145732)
[30] US (60/746,438) 2006-05-04

[11] **2,639,215**
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01) G06F 17/27 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**
[25] EN
[54] **HANDHELD ELECTRONIC DEVICE AND ASSOCIATED METHOD PROVIDING ADVANCED TEXT EDITING FUNCTION IN A TEXT DISAMBIGUATION ENVIRONMENT**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF ET METHODE ASSOCIEE FOURNISSANT UNE FONCTION D'EDITION DE TEXTE PERFECTIONNEE DANS UN ENVIRONNEMENT DE DESAMBIGUISATION DE TEXTE**
[72] RUBANOVICH, DAN, CA
[72] FUX, VADIM, CA
[72] GRIFFIN, JASON T., CA
[73] BLACKBERRY LIMITED, CA
[86] (2639215)
[87] (2639215)
[22] 2008-08-29
[30] EP (07115474.4) 2007-08-31

[11] **2,641,558**
[13] C
[51] **Int.Cl. H04N 21/254 (2011.01) H04W 4/00 (2009.01) H04W 12/08 (2009.01) G06F 21/10 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTENT PROTECTION IN WIRELESS COMMUNICATIONS**
[54] **PROCEDE ET DISPOSITIF DE PROTECTION DE CONTENUS DANS DES COMMUNICATIONS SANS FIL**
[72] LO, CHARLES N., US
[72] WANG, JUN, US
[72] DONDETI, LAKSHMINATH REDDY, US
[72] HAWKES, PHILIP MICHAEL, AU
[73] QUALCOMM INCORPORATED, US
[85] 2008-08-01
[86] 2007-02-02 (PCT/US2007/061577)
[87] (WO2007/092793)
[30] US (60/764,879) 2006-02-03
[30] US (60/778,742) 2006-03-03
[30] US (60/802,556) 2006-05-19
[30] US (11/669,873) 2007-01-31

[11] **2,641,915**
[13] C
[51] **Int.Cl. G01N 21/17 (2006.01) G01N 21/00 (2006.01) G01N 33/10 (2006.01) G02B 7/00 (2006.01)**
[25] EN
[54] **A SYSTEM FOR DETECTING ONE OR MORE PREDETERMINED OPTICALLY DERIVABLE CHARACTERISTICS OF A SAMPLE**
[54] **UN APPAREIL DE DETECTION D'UNE OU DE PLUSIEURS CARACTERISTIQUES POUVANT ETRE DERIVEES D'UN ECHANTILLON PAR DES MOYENS OPTIQUES**
[72] KALITSIS, JOHN, AU
[72] WESLEY, IAN JOHN, AU
[72] CARPENTER, WILLIAM, AU
[73] ROSEWOOD RESEARCH PTY LTD, AU
[85] 2008-08-21
[86] 2007-02-21 (PCT/AU2007/000192)
[87] (WO2007/095678)
[30] AU (2006200712) 2006-02-21

[11] **2,641,966**
[13] C
[51] **Int.Cl. A61F 2/38 (2006.01)**
[25] EN
[54] **DISTAL FEMORAL KNEE PROSTHESES**
[54] **PROTHESE DE GENOU FEMORALE DISTALE**
[72] EARL, BRIAN D., US
[72] HABEGGER, ABRAHAM P., US
[72] HOFMANN, AARON A., US
[72] BERTIN, KIM C., US
[72] DORR, LAWRENCE D., US
[72] BOOTH, ROBERT E., JR, US
[72] ROSENBERG, AARON, US
[72] ROMAGNOLI, SERGIO, IT
[73] ZIMMER, INC., US
[73] ROMAGNOLI, SERGIO, IT
[85] 2008-06-02
[86] 2006-12-14 (PCT/US2006/062117)
[87] (WO2007/070859)
[30] US (60/750,613) 2005-12-15
[30] US (60/805,933) 2006-06-27

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[11] **2,642,309**
[13] C
[51] **Int.Cl. G01N 21/55 (2014.01)**
[25] EN
[54] **CHECK AND OTHER ITEM DESIGN FOR REFLECTANCE VALUES DETERMINATION PRIOR TO ITEM MANUFACTURE**
[54] **CONTROLE ET AUTRE CONCEPTION D'ARTICLE POUR LA DETERMINATION DES VALEURS DE FACTEUR DE REFLEXION AVANT LA FABRICATION DE L'ARTICLE**
[72] FAULKNER, BILL, CA
[72] EIDENZON, DMITRI, CA
[73] RDM CORPORATION, CA
[86] (2642309)
[87] (2642309)
[22] 2008-10-29

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[11] **2,642,425**
[13] C
[51] **Int.Cl. G05B 11/36 (2006.01) F01K 7/00 (2006.01) F22B 35/00 (2006.01) G05B 13/02 (2006.01)**
[25] EN
[54] **VARIABLE RATE FEEDFORWARD CONTROL BASED ON SET POINT RATE OF CHANGE**
[54] **REGULATION PAR ANTICIPATION A TAUX VARIABLE BASEE SUR UN TAUX DE VALEUR DE CHANGEMENT PREDETERMINE**
[72] CHENG, XU, US
[72] MENTEN, CHARLES H., US
[72] KEPHART, RICHARD W., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[86] (2642425)
[87] (2642425)
[22] 2008-10-31
[30] US (11/934,633) 2007-11-02

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[11] **2,643,208**
[13] C
[51] **Int.Cl. A61C 15/04 (2006.01)**
[25] EN
[54] **MULTI-RIBBED DENTAL TAPE**
[54] **RUBAN DENTAIRE A NERVURES MULTIPLES**
[72] OCHS, HAROLD D., US
[72] KNUTZEN, JOSEF V., US
[72] FOUGERE, RICHARD J., US
[72] LOBOVSKY, ALEXANDER, US
[73] MCNEIL-PPC, INC., US
[86] (2643208)
[87] (2643208)
[22] 2008-11-06
[30] US (11/937,025) 2007-11-08

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[11] **2,645,492**
[13] C
[51] **Int.Cl. B02C 15/14 (2006.01) B02C 18/14 (2006.01)**
[25] EN
[54] **DISRUPTOR SYSTEM FOR DRY CELLULOSIC MATERIALS**
[54] **SYSTEME DESINTEGRATEUR POUR MATIERES CELLULOSIQUES SECHES**
[72] HATA, SEIJI, JP
[73] BIOMASS CONVERSIONS LLC, US
[85] 2008-09-10
[86] 2007-03-12 (PCT/US2007/063797)
[87] (WO2007/106773)
[30] US (60/781,429) 2006-03-10

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[11] **2,648,547**
[13] C
[51] **Int.Cl. G06F 15/76 (2006.01) G06F 15/16 (2006.01) G06T 1/20 (2006.01) G01C 11/36 (2006.01)**
[25] EN
[54] **HIGH VOLUME EARTH OBSERVATION IMAGE PROCESSING**
[54] **TRAITEMENT D'IMAGE D'OBSERVATION DE LA TERRE A VOLUME ELEVE**
[72] MOSES, ROBERT, CA
[72] STANLEY, DAVID, CA
[72] BURRY, LOUIS, CA
[72] POLLOCK, RICHARD, CA
[73] PCI GEOMATICS ENTERPRISES INC., CA
[86] (2648547)
[87] (2648547)
[22] 2009-01-07
[30] CA (2,617,119) 2008-01-08

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[11] **2,649,604**
[13] C
[51] **Int.Cl. G02B 21/26 (2006.01) G01N 21/552 (2014.01)**
[25] EN
[54] **ACCESSORY FOR ATTENUATED TOTAL INTERNAL REFLECTANCE (ATR) SPECTROSCOPY**
[54] **ACCESSOIRE POUR LA SPECTROSCOPIE A REFLEXION INTERNE TOTALE ATTENUEE (ATR)**
[72] HOULT, ROBERT ALAN, GB
[72] CARTER, RALPH LANCE, GB
[72] CANAS WILKINSON, ANTONIO, GB
[72] STYLES, PAUL, GB
[73] PERKINELMER SINGAPORE PTE LTD, SG
[85] 2008-10-17
[86] 2007-04-26 (PCT/GB2007/001531)
[87] (WO2007/125329)
[30] GB (0608258.0) 2006-04-26

[11] **2,649,807**
[13] C
[51] **Int.Cl. A01K 11/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING THE CONDITION OF LIVESTOCK**
[54] **PROCEDE ET SYSTEME POUR SURVEILLER LA CONDITION DU BETAIL**
[72] MOTTRAM, TOBY, GB
[72] DEVLIN, PAUL EDWARD GEORGE, GB
[73] ITI SCOTLAND LTD, GB
[85] 2008-10-17
[86] 2007-04-18 (PCT/GB2007/001423)
[87] (WO2007/119070)
[30] GB (0607657.4) 2006-04-18

[11] **2,649,829**
[13] C
[51] **Int.Cl. B60C 23/04 (2006.01) B60C 23/20 (2006.01)**
[25] EN
[54] **ELASTOMERIC ARTICLE WITH WIRELESS MICRO AND NANO SENSOR SYSTEM**
[54] **ARTICLE ELASTOMERE COMPRENANT UN SYSTEME DE MICROCAPTEURS ET NANOCAPTEURS SANS FIL**
[72] RENSEL, JOHN, US
[72] WILSON, PAUL, US
[72] MERAT, FRANCIS, US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2008-10-20
[86] 2007-04-25 (PCT/US2007/009977)
[87] (WO2007/127220)
[30] US (60/794,605) 2006-04-25

[11] **2,650,128**
[13] C
[51] **Int.Cl. E05B 47/06 (2006.01)**
[25] EN
[54] **ELECTRONIC DEADBOLT LOCK**
[54] **VERROU ELECTRONIQUE A PENE DORMANT**
[72] FROLOV, GEORGE, US
[72] WALSH, JOHN E., III, US
[72] BOGDANOV, VICTOR, US
[72] LEVESQUE, ALFRED S., US
[72] MILLER, KEVIN D., US
[72] SHILONIE, DON, US
[72] O'DAY, ADAM, US
[73] SCHLAGE LOCK COMPANY, US
[85] 2008-10-10
[86] 2007-04-12 (PCT/US2007/009075)
[87] (WO2007/120794)
[30] US (60/744,782) 2006-04-13

[11] **2,650,144**
[13] C
[51] **Int.Cl. F16L 37/02 (2006.01) B65G 53/00 (2006.01) F16L 27/103 (2006.01) F16L 27/107 (2006.01) F16L 27/108 (2006.01) F16L 33/28 (2006.01) F16L 37/091 (2006.01)**
[25] EN
[54] **CUFFED CONNECTION SYSTEM FOR DUCTS AND TUBULAR MEMBERS**
[54] **SYSTEME DE CONNEXION A BAGUE POUR CANALISATIONS ET ELEMENTS TUBULAIRES**
[72] MCPHEAT, BLAIR FORRES, NZ
[73] BFM TECHNOLOGY LIMITED, NZ
[85] 2008-10-22
[86] 2007-05-02 (PCT/NZ2007/000096)
[87] (WO2007/133094)
[30] NZ (547189) 2006-05-12
[30] NZ (548174) 2006-06-27
[30] NZ (550870) 2006-10-26

[11] **2,651,112**
[13] C
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE PHACOEMULSIFICATION NEEDLE**
[54] **AIGUILLE DE PHACO-EMULSIFICATION MULTIFONCTIONS**
[72] ROCKLEY, PAUL W., US
[73] ABBOTT MEDICAL OPTICS INC., US
[85] 2008-10-31
[86] 2007-05-01 (PCT/US2007/067918)
[87] (WO2007/130965)
[30] US (11/416,937) 2006-05-02

[11] **2,651,177**
[13] C
[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF INHIBITING PERIANAL TISSUE DAMAGE**
[54] **APPAREIL ET METHODE POUR INHIBER LES DOMMAGES TISSULAIRES PERIANAUX**
[72] BLURTON, DAVID, US
[73] STETRIX, INC., US
[85] 2008-11-03
[86] 2007-05-03 (PCT/US2007/068143)
[87] (WO2007/131109)
[30] US (60/746,283) 2006-05-03

[11] **2,651,288**
[13] C
[51] **Int.Cl. H04H 20/10 (2009.01) H04H 20/53 (2009.01) H04H 60/90 (2009.01) H04J 3/16 (2006.01)**
[25] EN
[54] **STREAMING MEDIA INTERRUPTION AND RESUMPTION SYSTEM**
[54] **SYSTEME D'INTERRUPTION ET DE REPRISE DE TRANSMISSION MULTIMEDIA EN CONTINU**
[72] SIMONGINI, ALBERTO, IT
[72] CELANDRONI, NICOLETTA, IT
[72] SOCHER, LARRY M., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2651288)
[87] (2651288)
[22] 2009-01-27
[30] EP (08425076.0) 2008-02-08

[11] **2,651,465**
[13] C
[51] **Int.Cl. G06T 15/00 (2011.01) G06T 9/00 (2006.01)**
[25] FR
[54] **METHOD OF CODING AND SYSTEM FOR DISPLAYING ON A SCREEN A NUMERICAL MOCK-UP OF AN OBJECT IN THE FORM OF A SYNTHESIS IMAGE**
[54] **PROCEDE DE CODAGE ET SYSTEME D'AFFICHAGE SUR UN ECRAN D'UNE MAQUETTE NUMERIQUE D'UN OBJET SOUS FORME D'UNE IMAGE DE SYNTHESE**
[72] VARTANIAN, ALEXIS, FR
[73] TECHVIZ, FR
[85] 2008-11-06
[86] 2007-04-27 (PCT/FR2007/051192)
[87] (WO2007/135309)
[30] FR (06 04266) 2006-05-12

[11] **2,653,935**
[13] C
[51] **Int.Cl. E05B 49/00 (2006.01) E05B 65/02 (2006.01) E05B 65/44 (2006.01) E05B 3/04 (2006.01)**
[25] EN
[54] **CAM LOCK WITH RETRACTABLE BOLT**
[54] **SERRURE A CAME AVEC PENE RETRACTABLE**
[72] GOKCEBAY, ASIL T., US
[73] SECURITY PEOPLE, INC., US
[85] 2008-11-28
[86] 2007-05-31 (PCT/US2007/013025)
[87] (WO2007/143142)
[30] US (60/810,195) 2006-05-31
[30] US (11/809,172) 2007-05-30

[11] **2,655,483**
[13] C
[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **AIRCRAFT WAKE VORTEX PREDICTOR AND VISUALIZER**
[54] **DISPOSITIF DE PREDICTION ET DE VISUALISATION D'UNE TURBULENCE DE SILLAGE D'UN AVION**
[72] MESEROLE, JERE S., US
[72] PEARLMAN, JAY S., US
[72] LEWIS, MICHAEL S., US
[72] SINGLETON, MARISSA K., US
[73] THE BOEING COMPANY, US
[85] 2008-12-16
[86] 2007-07-18 (PCT/US2007/016394)
[87] (WO2008/094192)
[30] US (11/463,685) 2006-08-10
[30] US (11/647,063) 2006-12-27

[11] **2,655,740**
[13] C
[51] **Int.Cl. G01R 23/20 (2006.01)**
[25] FR
[54] **METHOD FOR INSTANTANEOUSLY DETERMINING RATES OF DISTORTION OF SIGNALS ON AN AC ELECTRICAL NETWORK, AND ASSOCIATED DEVICE**
[54] **PROCEDE DE DETERMINATION INSTANTANEE DE TAUX DE DISTORSION DE SIGNAUX SUR UN RESEAU ELECTRIQUE ALTERNATIF, ET DISPOSITIF ASSOCIE**
[72] WEBER, MARC, FR
[72] PLO, AYMERIC, FR
[72] BLACHE, DENIS, FR
[73] AIRBUS OPERATIONS SAS, FR
[85] 2008-12-17
[86] 2007-06-12 (PCT/FR2007/051427)
[87] (WO2008/000990)
[30] FR (0652708) 2006-06-29

[11] **2,656,309**
[13] C
[51] **Int.Cl. A61B 5/06 (2006.01) A61B 34/00 (2016.01) A61B 34/20 (2016.01) A61M 25/095 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **LOCATION SYSTEM WITH VIRTUAL TOUCH SCREEN**
[54] **SYSTEME DE LOCALISATION AVEC ECRAN TACTILE VIRTUEL**
[72] BAR-TAL, MEIR, IL
[73] BIOSENSE WEBSTER, INC., US
[86] (2656309)
[87] (2656309)
[22] 2009-02-27
[30] US (12/039,779) 2008-02-29

[11] **2,656,359**
[13] C
[51] **Int.Cl. A61F 2/38 (2006.01)**
[25] EN
[54] **ANATOMICAL MOTION HINGED PROSTHESIS**
[54] **PROTHESE ARTICULEE POUR UN MOUVEMENT ANATOMIQUE**
[72] DEES, ROGER, JR., US
[72] CRABTREE, PAUL, JR., US
[72] NIELSEN, JONATHAN, US
[73] SMITH & NEPHEW, INC., US
[85] 2008-12-24
[86] 2007-06-30 (PCT/US2007/072611)
[87] (WO2008/005905)
[30] US (60/806,383) 2006-06-30

[11] **2,658,580**
[13] C
[51] **Int.Cl. C22C 19/03 (2006.01) C22C 1/02 (2006.01) C22C 14/00 (2006.01)**
[25] EN
[54] **NICKEL-TITANIUM ALLOY INCLUDING A RARE EARTH ELEMENT**
[54] **ALLIAGE NICKEL-TITANE INCLUANT UN ELEMENT DE TERRE RARE**
[72] CARLSON, JAMES M., US
[72] CARR, SHANE, IE
[72] DEVEREAUX, PAUL, IE
[72] HAVERTY, DONNCHA, IE
[72] LAVELLE, SHAY, IE
[72] MCGLOUGHLIN, TIM, IE
[72] TOFAIL, SYED ANSAR MD, IE
[73] COOK MEDICAL TECHNOLOGIES INCORPORATED, US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2009-01-21
[86] 2007-09-06 (PCT/US2007/019445)
[87] (WO2008/030517)
[30] US (60/842,484) 2006-09-06
[30] US (60/872,369) 2006-11-29
[30] US (60/872,370) 2006-11-29

[11] **2,661,421**
[13] C
[51] **Int.Cl. H01M 8/0286 (2016.01) H01M 8/0282 (2016.01) H01M 8/1246 (2016.01) H01M 8/2432 (2016.01)**
[25] EN
[54] **FUEL CELL STACK**
[54] **ASSEMBLAGE DE PILES A COMBUSTIBLE**
[72] LARSEN, JOERGEN GUTZON, DK
[72] OLSEN, CHRISTIAN, DK
[72] JENSEN, MARIE DREJER, DK
[73] HALDOR TOPSOE A/S, DK
[86] (2661421)
[87] (2661421)
[22] 2009-04-06
[30] DK (PA 2008 00508) 2008-04-07

[11] **2,664,467**
[13] C
[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/064 (2006.01) A61B 17/072 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **VARYING TISSUE COMPRESSION USING TAKE-UP COMPONENT**
[54] **COMPRESSION DE TISSU VARIABLE AU MOYEN D'UN COMPOSANT DE RETRAIT**
[72] VIOLA, FRANK J., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2664467)
[87] (2664467)
[22] 2009-04-28
[30] US (61/051,907) 2008-05-09
[30] US (12/417,705) 2009-04-03

[11] **2,664,552**
[13] C
[51] **Int.Cl. E04C 5/01 (2006.01) B28B 1/52 (2006.01) C04B 20/00 (2006.01) E02D 3/00 (2006.01) E04C 5/07 (2006.01)**
[25] EN
[54] **REINFORCEMENT STRUCTURES**
[54] **STRUCTURES DE RENFORT**
[72] THOMAS, DAVID JAMES, GB
[72] THOMAS, REBECCA LOUISE, GB
[72] THOMAS, BENJAMIN JAMES, GB
[73] CO-TROPIC LIMITED, GB
[85] 2009-03-18
[86] 2007-09-18 (PCT/GB2007/003534)
[87] (WO2008/035057)
[30] GB (0618463.4) 2006-09-19

[11] **2,664,914**
[13] C
[51] **Int.Cl. C07K 14/11 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) C12N 15/44 (2006.01) C12N 15/10 (2006.01) C12N 15/64 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **NOVEL H5 PROTEINS, NUCLEIC ACID MOLECULES AND VECTORS ENCODING FOR THOSE, AND THEIR MEDICINAL USE**
[54] **NOUVELLLES PROTEINES H5, MOLECULES D'ACIDE NUCLEIQUE, LEURS VECTEURS CODANTS ET LEUR UTILISATION MEDICALE**
[72] VAUGHN, ERIC M., US
[72] GONZALEZ-HERNANDEZ, PAULINO CARLOS, MX
[72] DAEMMGEN, JUERGEN, DE
[73] BOEHRINGER INGELHEIM VETMEDICA, INC., US
[85] 2009-03-30
[86] 2007-10-26 (PCT/US2007/082699)
[87] (WO2008/052173)
[30] US (60/863,142) 2006-10-27
[30] US (11/923,326) 2007-10-24

[11] **2,665,766**
[13] C
[51] **Int.Cl. C07K 1/00 (2006.01) C07H 21/04 (2006.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/64 (2006.01)**
[25] EN
[54] **PROCESS FOR GENERATION OF PROTEIN AND USES THEREOF**
[54] **PROCEDE POUR LA FORMATION D'UNE PROTEINE ET UTILISATIONS DE CELLE-CI**
[72] GREADY, JILL E., AU
[72] KANNAPPAN, BABU, AU
[73] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
[85] 2009-04-07
[86] 2007-10-10 (PCT/AU2007/001542)
[87] (WO2008/043147)
[30] AU (2006905622) 2006-10-10

[11] **2,665,968**
[13] C
[51] **Int.Cl. E04F 15/00 (2006.01) B32B 18/00 (2006.01) C04B 37/02 (2006.01)**
[25] EN
[54] **A PROCESS FOR REALISING HIGH-RESISTANCE SLABS OR TILES, DESTINED FOR COVERING INTERNAL OR EXTERNAL FLOORS OR WALLS**
[54] **PROCEDE DE REALISATION DE DALLES OU DE CARREAUX DESTINES A COUVRIR DES PLANCHERS OU MURS INTERIEURS OU EXTERIEURS**
[72] PAGANELLI, MARIANO, IT
[73] PAGANELLI, MARIANO, IT
[86] (2665968)
[87] (2665968)
[22] 2009-05-13
[30] IT (IT-MO2008A000330) 2008-12-24

[11] **2,666,605**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **CONSUMER AND SHOPPER ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE DU COMPORTEMENT DES CONSOMMATEURS ET DES ACHETEURS**
[72] D'IMPORZANO, ANGELO, IT
[72] OLIVIERI, DAVIDE, IT
[72] TRAINITI, FRANCESCO, IT
[72] PARRI, MASSIMILIANO, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2666605)
[87] (2666605)
[22] 2009-05-22
[30] IT (T02008A000434) 2008-06-05
[30] US (12/406,542) 2009-03-18

[11] **2,666,789**
[13] C
[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/071 (2010.01) C12N 5/0735 (2010.01) A61K 35/17 (2015.01) A61K 35/545 (2015.01) A61P 3/10 (2006.01)**
[25] EN
[54] **EMBRYONIC-LIKE STEM CELLS DERIVED FROM ADULT HUMAN PERIPHERAL BLOOD AND METHODS OF USE**
[54] **CELLULES SOUCHES DE TYPE EMBRYONNAIRE DERIVEES DU SANG PERIPHERIQUE D'UN ETRE HUMAIN ADULTE ET PROCEDES D'UTILISATION ASSOCIES**
[72] ZHAO, YONG, US
[72] MAZZONE, THEODORE, US
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2009-04-17
[86] 2007-10-18 (PCT/US2007/022260)
[87] (WO2008/048671)
[30] US (60/852,901) 2006-10-18
[30] US (60/926,846) 2007-04-30

[11] **2,667,408**
[13] C
[51] **Int.Cl. A01N 43/90 (2006.01) A01N 25/22 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITION COMPRISING PINOXADEN AND A PHOSPHATE ADJUVANT**
[54] **COMPOSITION HERBICIDE COMPRENANT DU PINOXADEN ET UN ADJUVANT PHOSPHATE**
[72] STOCK, DAVID, GB
[72] TAYLOR, PHILIP, GB
[72] SCHNEIDER, RUDOLF, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2009-04-21
[86] 2007-10-25 (PCT/EP2007/009276)
[87] (WO2008/049618)
[30] GB (0621440.7) 2006-10-27

[11] **2,667,458**
[13] C
[51] **Int.Cl. G01N 25/72 (2006.01) G01N 21/88 (2006.01)**
[25] EN
[54] **INFRARED NDI FOR DETECTING SHALLOW IRREGULARITIES**
[54] **INSPECTION NON DESTRUCTIVE A INFRAROUGE SERVANT A DETECTER LES IRREGULARITES PEU PROFONDES**
[72] THOMPSON, JEFFREY G., US
[72] KOLLGAARD, JEFFREY R., US
[72] UYEHARA, CLYDE T., US
[73] THE BOEING COMPANY, US
[85] 2009-04-21
[86] 2007-10-10 (PCT/US2007/021753)
[87] (WO2008/063313)
[30] US (11/556,723) 2006-11-06

[11] **2,669,362**
[13] C
[51] **Int.Cl. H01F 27/08 (2006.01) H05K 10/00 (2006.01)**
[25] EN
[54] **IMPROVED COOLING SYSTEM FOR POWER TRANSFORMER**
[54] **SYSTEME DE REFROIDISSEMENT AMELIORE POUR TRANSFORMATEUR DE PUISSANCE**
[72] HOFFMAN, GARY R., US
[72] ANDERSON, JEFFREY, US
[73] HOFFMAN, GARY R., US
[73] ANDERSON, JEFFREY, US
[86] (2669362)
[87] (2669362)
[22] 2009-06-17
[30] US (61/132,604) 2008-06-21
[30] US (12/381,184) 2009-03-09

[11] **2,670,899**
[13] C
[51] **Int.Cl. A61K 38/47 (2006.01) A61K 31/573 (2006.01) A61K 38/46 (2006.01) A61P 27/16 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **USE OF HYDROLYTIC AND OXIDATIVE ENZYMES TO DISSOLVE BIOFILM IN EARS**
[54] **UTILISATION D'ENZYMES HYDROLYTIQUES ET OXYDATIVES POUR DISSOUDRE UN BIOFILM DANS LES OREILLES**
[72] PELLICO, MICHAEL, US
[73] LACLEDE, INC., US
[85] 2009-05-28
[86] 2007-11-07 (PCT/US2007/083877)
[87] (WO2008/070387)
[30] US (60/868,131) 2006-12-01
[30] US (60/870,328) 2006-12-15

[11] **2,670,974**
[13] C
[51] **Int.Cl. G01V 11/00 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LONG TERM SEISMIC MONITORING**
[54] **PROCEDE ET DISPOSITIF POUR LE SUIVI SISMIQUE A LONG TERME**
[72] KANAYA, YASUO, JP
[72] COSTE, EMMANUEL, JP
[72] WILSON, COLIN, JP
[72] LAVAURE, RACHEL AGNES, JP
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2009-05-27
[86] 2007-12-04 (PCT/IB2007/003742)
[87] (WO2008/068586)
[30] US (60/868,357) 2006-12-04
[30] US (11/949,760) 2007-12-03

[11] **2,671,410**
[13] C
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 38/17 (2006.01) A61P 31/18 (2006.01) C07K 14/16 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **PEPTIDE AND TREATMENT FOR HIV-1 INFECTION**
[54] **PEPTIDE ET TRAITEMENT POUR UNE INFECTION PAR LE HIV-1**
[72] ZHANG, HUI, US
[72] SMITH, HAROLD C., US
[73] THOMAS JEFFERSON UNIVERSITY, US
[73] OYAGEN INC., US
[85] 2009-06-03
[86] 2007-12-04 (PCT/US2007/024790)
[87] (WO2008/070049)
[30] US (60/873,186) 2006-12-06

[11] **2,672,107**
[13] C
[51] **Int.Cl. B25C 1/00 (2006.01) B25C 1/18 (2006.01)**
[25] EN
[54] **FASTENER DRIVING DEVICE WITH MODE SELECTOR AND TRIGGER INTERLOCK**
[54] **PISTOLET CLOUEUR AVEC SELECTEUR DE MODE A CRAN DE SURETE**
[72] PERRON, DONALD R., US
[72] ZERBARINI, PAUL J., US
[72] FANG, TOM, US
[72] JEYASINGH, VIVEK, US
[72] LEE, SEAN, TW
[73] STANLEY FASTENING SYSTEMS, L.P., US
[86] (2672107)
[87] (2672107)
[22] 2009-07-17
[30] US (61/129,761) 2008-07-17
[30] US (12/504,117) 2009-07-16

[11] **2,672,198**
[13] C
[51] **Int.Cl. D01D 5/08 (2006.01) D02G 1/00 (2006.01)**
[25] EN
[54] **AN IMPROVED HIGH SURFACE AREA FIBER AND TEXTILES MADE FROM THE SAME**
[54] **FIBRE AMELIOREE DE GRANDE SURFACE ET TEXTILES FABRIQUES A PARTIR DE CELLE-CI**
[72] POURDEYHIMI, BEHNAM, US
[72] CHAPPAS, WALTER, US
[73] ALLASSO INDUSTRIES, INC., US
[73] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2009-05-04
[86] 2007-11-02 (PCT/US2007/023164)
[87] (WO2008/057431)
[30] US (11/592,370) 2006-11-03

[11] **2,672,540**
[13] C
[51] **Int.Cl. A62C 3/06 (2006.01) A62C 5/00 (2006.01) A62C 8/06 (2006.01)**
[25] EN
[54] **PASSIVE FIRE PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION PASSIVE CONTRE L'INCENDIE**
[72] JESCLARD, LAWRENCE L., JR., US
[72] JESCLARD, CANDICE J., US
[72] STRONG, A. BRENT, US
[72] SCHAALJE, JOHN D., US
[73] HPS INTELLECTUAL PROPERTY, LLC, US
[85] 2009-06-11
[86] 2007-12-14 (PCT/US2007/025622)
[87] (WO2008/115219)
[30] US (60/876,362) 2006-12-20

[11] **2,672,703**
[13] C
[51] **Int.Cl. C07K 16/08 (2006.01) A61K 39/42 (2006.01) C12N 15/13 (2006.01) G01N 33/569 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST HUMAN CYTOMEGALOVIRUS (HCMV)**
[54] **ANTICORPS CONTRE LE CYTOMEGALOVIRUS HUMAIN (HCMV)**
[72] FUNARO, ADA, IT
[72] GRIBAUDO, GIORGIO, IT
[72] LANDOLFO, SANTO, IT
[73] RIBOVAX BIOTECHNOLOGIES SA, CH
[85] 2009-06-15
[86] 2007-12-17 (PCT/EP2007/064094)
[87] (WO2008/071806)
[30] EP (PCT/EP2006/069780) 2006-12-15
[30] EP (07110693.4) 2007-06-20

[11] **2,673,596**
[13] C
[51] **Int.Cl. H01J 49/16 (2006.01)**
[25] EN
[54] **ENCLOSED DESORPTION ELECTROSPRAY IONIZATION**
[54] **DESORPTION-IONISATION PAR ELECTROSPRAY INTEGRE**
[72] VENTER, ANDRE, US
[72] COOKS, ROBERT GRAHAM, US
[73] PURDUE RESEARCH FOUNDATION, US
[85] 2009-06-22
[86] 2007-12-28 (PCT/US2007/026411)
[87] (WO2008/082603)
[30] US (60/877,582) 2006-12-28
[30] US (60/930,602) 2007-05-17
[30] US (12/005,593) 2007-12-27

[11] **2,675,784**
[13] C
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 17/00 (2006.01) F16L 9/18 (2006.01)**
[25] EN
[54] **INSULATED DOUBLE-WALLED WELL COMPLETION TUBING FOR HIGH TEMPERATURE USE**
[54] **TIGES DE PRODUCTION POUR COMPLETION DE PUITS A DOUBLE PAROI ISOLEE, POUR USAGE A HAUTE TEMPERATURE**
[72] MARCHAL, PHILIPPE, FR
[72] OLLIER, PIERRE, FR
[73] MARCHAL, PHILIPPE, FR
[73] OLLIER, PIERRE, FR
[86] (2675784)
[87] (2675784)
[22] 2009-08-14
[30] US (61/136,153) 2008-08-14
[30] US (12/461,548) 2009-08-14

[11] **2,675,853**
[13] C
[51] **Int.Cl. H02K 5/00 (2006.01) F03D 9/25 (2016.01) F03D 80/00 (2016.01) H02K 7/18 (2006.01)**
[25] EN
[54] **WIND TURBINE**
[54] **EOLIENNE**
[72] STIESDAL, HENRIK, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2675853)
[87] (2675853)
[22] 2009-08-18
[30] EP (EP08014800) 2008-08-20

[11] **2,676,245**
[13] C
[51] **Int.Cl. C22B 34/12 (2006.01) C22B 5/04 (2006.01) C22B 5/14 (2006.01)**
[25] EN
[54] **CONTINUOUS PRODUCTION OF TITANIUM BY THE METALLOTHERMIC REDUCTION OF TICL4**
[54] **PRODUCTION EN CONTINU DE TITANE PAR LA REDUCTION METALLOTHERMIQUE DE TICL4**
[72] WITHERS, JAMES C., US
[72] LOUTFY, RAOUF, US
[73] ATS MER, LLC, US
[85] 2009-07-22
[86] 2008-01-16 (PCT/US2008/051236)
[87] (WO2008/091773)
[30] US (60/886,050) 2007-01-22
[30] US (12/013,307) 2008-01-11

[11] **2,678,957**
[13] C
[51] **Int.Cl. B63C 3/00 (2006.01) B63C 1/00 (2006.01) B63C 3/06 (2006.01)**
[25] EN
[54] **SMALL WATERCRAFT BOATLIFT**
[54] **LEVE-BATEAU POUR PETITE EMBARCATION**
[72] IMEL, DUSTIN, US
[72] STURTEVANT, DAVID J., US
[73] E-Z-DOCK, INC., US
[86] (2678957)
[87] (2678957)
[22] 2009-09-10
[30] US (61/192,142) 2008-09-16

[11] **2,679,231**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/03 (2006.01)**
[25] EN
[54] **KNIFE BAR FOR SURGICAL INSTRUMENT**
[54] **BARRE DE COUPE POUR INSTRUMENT CHIRURGICAL**
[72] FARASCIONI, DAVID, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2679231)
[87] (2679231)
[22] 2009-09-18
[30] US (12/235,767) 2008-09-23

[11] **2,679,830**
[13] C
[51] **Int.Cl. H02K 5/04 (2006.01) H02K 1/06 (2006.01)**
[25] EN
[54] **HOUSING FOR EXTERNAL ROTOR AND EXTERNAL ROTOR COMPRISING THE SAME**
[54] **BATI POUR ROTOR EXTERNE ET ROTOR EXTERNE Y FAISANT APPEL**
[72] ZHANG, XU, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[86] (2679830)
[87] (2679830)
[22] 2009-09-22
[30] CN (200810219779.0) 2008-12-03

[11] **2,681,511**
[13] C
[51] **Int.Cl. B01J 23/94 (2006.01) B01J 23/882 (2006.01) B01J 38/02 (2006.01) B01J 38/62 (2006.01)**
[25] FR
[54] **PROCESS FOR THE REGENERATION OF HYDROCARBON PROCESSING CATALYSTS**
[54] **PROCEDE DE REGENERATION DE CATALYSEURS DE TRAITEMENT D'HYDROCARBURES**
[72] GALLIOU, PAULINE, FR
[72] NAGY, ERIC, FR
[72] DUFRESNE, PIERRE, FR
[73] EURECAT S.A., FR
[86] (2681511)
[87] (2681511)
[22] 2009-10-06
[30] FR (08/56884) 2008-10-10

---

[11] **2,681,650**
[13] C
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/198 (2006.01) A61K 31/433 (2006.01) A61K 31/527 (2006.01) A61P 25/14 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **THE USE OF PDE7 INHIBITORS FOR THE TREATMENT OF MOVEMENT DISORDERS**
[54] **UTILISATION D'INHIBITEURS PDE7 DANS LE TRAITEMENT DES TROUBLES DU**
[72] BERGMANN, JOHN E., US
[72] CUTSHALL, NEIL S., US
[72] DEMOPULOS, GREGORY A., US
[72] FLORIO, VINCENT A., US
[72] GAITANARIS, GEORGE, US
[72] GRAY, PATRICK, US
[72] HOHMANN, JOHN, US
[72] ONRUST, RENE, US
[72] ZENG, HONGKUI, US
[73] OMEROS CORPORATION, US
[85] 2009-09-17
[86] 2008-03-27 (PCT/US2008/058530)
[87] (WO2008/119057)
[30] US (60/920,496) 2007-03-27

---

[11] **2,682,312**
[13] C
[51] **Int.Cl. F25B 40/00 (2006.01)**
[25] EN
[54] **METHOD FOR EXCHANGING HEAT IN A VAPOR COMPRESSION HEAT TRANSFER SYSTEM AND A VAPOR COMPRESSION HEAT TRANSFER SYSTEM COMPRISING AN INTERMEDIATE HEAT EXCHANGER WITH A DUAL-ROW EVAPORATOR OR CONDENSER**
[54] **PROCEDE POUR L'ECHANGE DE CHALEUR DANS UN SYSTEME DE TRANSFERT DE CHALEUR A COMPRESSION DE VAPEUR ET SYSTEME DE TRANSFERT DE CHALEUR A COMPRESSION DE VAPEUR COMPRENANT UN ECHANGEUR DE CHALEUR INTERMEDIAIRE EN ASSOCIATION AVEC UN EVAPORATEUR OU CONDENSEUR DOUBLE FLUX**
[72] CLODIC, DENIS, FR
[72] RIACHI, YOUSSEF, FR
[72] KOBAN, MARY, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2009-09-29
[86] 2008-05-09 (PCT/US2008/006043)
[87] (WO2008/140809)
[30] US (60/928,826) 2007-05-11
[30] US (60/988,562) 2007-11-16
[30] US (PCT/US2007/025675) 2007-12-17

---

[11] **2,682,464**
[13] C
[51] **Int.Cl. A61L 15/42 (2006.01) A61L 15/44 (2006.01) A61L 15/64 (2006.01) A61L 31/12 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **HEMOSTATIC IMPLANT**
[54] **IMPLANT HEMOSTATIQUE**
[72] BENNETT, STEVEN, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2682464)
[87] (2682464)
[22] 2009-10-14
[30] US (61/196,543) 2008-10-17
[30] US (12/573,176) 2009-10-05

---

[11] **2,682,856**
[13] C
[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR IN RELATION TO POOL CLEANERS**
[54] **AMELIORATIONS APPORTEES AUX APPAREILS DE NETTOYAGE POUR PISCINES**
[72] KELLOGG, JAMES EDWARD, AU
[73] POOL SYSTEMS PTY LTD, AU
[86] (2682856)
[87] (2682856)
[22] 2009-10-19

---

[11] **2,682,897**
[13] C
[51] **Int.Cl. A61K 38/19 (2006.01) A61P 7/00 (2006.01) C12N 5/071 (2010.01) C07K 17/08 (2006.01) C07K 17/10 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT USING GLYCOPEGYLATED G-CSF**
[54] **METHODES DE TRAITEMENT A L'AIDE D'UN FACTEUR G-CSF GLYCOPEGYLE**
[72] ZOPF, DAVID A., US
[72] LUBENAU, HEINZ, DE
[73] RATIOPHARM GMBH, DE
[85] 2009-10-02
[86] 2008-04-01 (PCT/US2008/059045)
[87] (WO2008/124406)
[30] US (60/909,917) 2007-04-03
[30] US (60/911,788) 2007-04-13
[30] US (60/986,240) 2007-11-07

---

[11] **2,683,455**
[13] C
[51] **Int.Cl. H02K 9/18 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR COOLING OF AN ELECTRICAL MACHINE**
[54] **MONTAGE DE REFROIDISSEMENT DE MACHINE ELECTRIQUE**
[72] BOOTH, JAMES KENNETH, DK
[72] ERIKSEN, UFFE, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2683455)
[87] (2683455)
[22] 2009-10-26
[30] EP (EP08018798) 2008-10-28

[11] **2,684,191**
[13] C
[51] **Int.Cl. D21D 1/30 (2006.01) B23P 15/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING REFINER, AND REFINER**
[54] **PROCEDE DE FABRICATION DE RAFFINEUR, ET RAFFINEUR**
[72] VUORIO, PETTERI, FI
[72] SEPPALA, VEIKKO, FI
[72] TUOVINEN, OLLI, FI
[73] VALMET TECHNOLOGIES, INC., FI
[86] (2684191)
[87] (2684191)
[22] 2009-10-30
[30] FI (20086034) 2008-10-31

---

[11] **2,684,927**
[13] C
[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/88 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **INTERSPINOUS IMPLANTS AND METHODS FOR IMPLANTING SAME**
[54] **IMPLANTS INTEREPINEUX ET LEURS PROCEDES D'IMPLANTATION**
[72] HESS, HAROLD, US
[73] SPINAL SIMPLICITY LLC, US
[85] 2009-10-29
[86] 2008-01-30 (PCT/US2008/001231)
[87] (WO2008/136877)
[30] US (11/743,086) 2007-05-01
[30] US (60/959,799) 2007-07-16
[30] US (60/961,780) 2007-07-24
[30] US (61/000,831) 2007-10-29
[30] US (61/001,430) 2007-11-01

---

[11] **2,688,358**
[13] C
[51] **Int.Cl. F28F 3/08 (2006.01) B23P 15/26 (2006.01) F28C 1/00 (2006.01) F28F 3/12 (2006.01) F28F 25/08 (2006.01)**
[25] EN
[54] **FILL PACK ASSEMBLY AND METHOD WITH BONDED SHEET PAIRS**
[54] **UNITE ET METHODE DE GARNISSAGE ET D'ASSEMBLAGE A PARTIR DE PAIRES DE TOLE**
[72] MOCKRY, ELDON F., US
[72] KINNEY, OHLER L., US
[72] MORTENSEN, KENNETH P., US
[72] BRENNEKE, GLENN S., US
[73] SPX COOLING TECHNOLOGIES, INC., US
[86] (2688358)
[87] (2688358)
[22] 2009-12-09
[30] US (12/340.324) 2008-12-19

---

[11] **2,688,774**
[13] C
[51] **Int.Cl. C01B 6/00 (2006.01) B01J 20/30 (2006.01) C01B 6/21 (2006.01) C01B 6/24 (2006.01) C01B 3/02 (2006.01)**
[25] EN
[54] **METHOD OF ACTIVATING OR REGENERATING A HYDROGEN STORAGE MATERIAL**
[54] **METHODE D'ACTIVATION OU DE REGENERATION DE MATIERE DE STOCKAGE D'HYDROGENE**
[72] BARKHORDARIAN, GAGIK, DE
[72] PISTIDDA, CLAUDIO, DE
[72] DORNHEIM, MARTIN, DE
[72] BORMANN, RUEDIGER, DE
[73] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL-UND KUSTENFORSCHUNG GMBH, DE
[86] (2688774)
[87] (2688774)
[22] 2009-12-17
[30] DE (10 2008 063 895.1) 2008-12-19

---

[11] **2,689,237**
[13] C
[51] **Int.Cl. G07C 3/00 (2006.01)**
[25] EN
[54] **FRAMEWORK AND METHOD FOR MONITORING EQUIPMENT**
[54] **OSSATURE ET PROCEDE POUR SURVEILLER UN EQUIPEMENT**
[72] COTTRELL, MICHAEL EDWARD, GB
[72] INNES, KENNETH JOHN, GB
[72] KONG, JAMES PO-CHEUNG, US
[72] LICKTEIG, CHARLES ANTHONY, US
[72] PARCHEWSKY, ROBERT FRANK, NL
[72] SCHULTHEIS, STEVEN MICHAEL, US
[72] YING, DANIEL DAZHANG, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2009-12-03
[86] 2008-06-16 (PCT/US2008/067119)
[87] (WO2008/157494)
[30] US (60/944,286) 2007-06-15

---

[11] **2,689,847**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01)**
[25] EN
[54] **NETWORK TRANSACTION VERIFICATION AND AUTHENTICATION**
[54] **VERIFICATION ET AUTHENTIFICATION DE TRANSACTION SUR RESEAU**
[72] KUANG, RANDY, CA
[72] XAVIER, STAN, CA
[73] INBAY TECHNOLOGIES INC., CA
[86] (2689847)
[87] (2689847)
[22] 2010-01-11
[30] US (61/149,501) 2009-02-03
[30] US (61/183,830) 2009-06-03
[30] US (61/247,223) 2009-09-30
[30] CA (2,608,994) 2009-10-02
[30] US (12/639,464) 2009-12-16

[11] **2,690,550**
[13] C
[51] **Int.Cl. A61F 2/44 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **NUCLEUS PROSTHESES**
[54] **PROTHESE DE NOYAU**
[72] VILA, THIERRY, FR
[72] DUFOUR, HENRY, FR
[72] ALLAIN, JEROME, FR
[73] LDR MEDICAL, FR
[85] 2009-12-07
[86] 2008-06-16 (PCT/IB2008/001554)
[87] (WO2008/152501)
[30] FR (07/04326) 2007-06-15

[11] **2,692,008**
[13] C
[51] **Int.Cl. B01D 53/94 (2006.01)**
[25] EN
[54] **NON-ZEOLITE BASE METAL SCR CATALYST**
[54] **CATALYSEUR METALLIQUE NON ZEOLITHIQUE POUR REDUCTION CATALYTIQUE SELECTIVE**
[72] COLLIER, JILLIAN ELAINE, GB
[72] LAROZE, SYLVIE CECILE, GB
[72] RAJARAM, RAJ RAO, GB
[72] PREST, DAVID WILLIAM, GB
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2009-12-24
[86] 2008-06-25 (PCT/GB2008/050490)
[87] (WO2009/001131)
[30] GB (0712228.6) 2007-06-25

[11] **2,692,051**
[13] C
[51] **Int.Cl. H01P 1/203 (2006.01)**
[25] EN
[54] **DUPLEXER FOR INTEGRATION IN COMMUNICATION TERMINALS**
[54] **DUPLEXEUR A INTEGRER DANS DES TERMINAUX DE RESEAU**
[72] KOUKI, AMMAR, CA
[72] EL-ZAYAT, AHMED, CA
[73] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[86] (2692051)
[87] (2692051)
[22] 2010-02-05
[30] US (61/150,212) 2009-02-05

[11] **2,692,232**
[13] C
[51] **Int.Cl. A61K 35/28 (2015.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE DIAGNOSIS, PREVENTION OR TREATMENT OF DISEASES RELATED TO CELLS EXPRESSING IL-8 OR GRO-ALPHA, COMPRISING UCB-MSCS**
[54] **COMPOSITION POUR LE DIAGNOSTIC, LA PREVENTION OU LE TRAITEMENT DE MALADIES LIEES A L'EXPRESSION IL-8 OU GRO-ALPHA DE CELLULES, COMPRENANT DES CELLULES SOUCHES MESENCHYMATEUSES UCB**
[72] CHANG, JONG WOOK, KR
[72] KIM, DAL SOO, KR
[72] YANG, YOON SUN, KR
[72] OH, WON IL, KR
[73] MEDIPOST CO., LTD, KR
[85] 2009-12-21
[86] 2008-08-27 (PCT/KR2008/005026)
[87] (WO2009/028870)
[30] KR (10-2007-0087228) 2007-08-29
[30] US (60/972,966) 2007-09-17
[30] KR (10-2008-0067247) 2008-07-10
[30] US (61/089,733) 2008-08-18

[11] **2,693,571**
[13] C
[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/08 (2006.01) A61L 27/24 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **COMPOSITE IMPLANT FOR SURGICAL REPAIR**
[54] **IMPLANT COMPOSITE POUR PREPARATION CHIRURGICALE**
[72] BRUNELLE, JOHN, US
[72] SIEGEL, JOSHUA, US
[72] NGUYEN, CHRISTINE, US
[72] YANTZER, BRENDA, US
[72] SANDER, THOMAS, US
[73] SYNOVIS ORTHOPEDIC AND WOUNDCARE, INC., US
[85] 2010-01-13
[86] 2008-06-23 (PCT/US2008/067861)
[87] (WO2009/012021)
[30] US (11/777,733) 2007-07-13

[11] **2,694,364**
[13] C
[51] **Int.Cl. C12N 15/10 (2006.01) C40B 40/08 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR THE FORMATION OF DISULPHIDE BONDS**
[54] **PROCEDES AMELIORES PERMETTANT LA FORMATION DE LIAISONS DISULFURE**
[72] PRASSLER, JOSEF, DE
[72] STARK, YVONNE, DE
[73] MORPHOSYS AG, DE
[85] 2010-01-25
[86] 2008-08-21 (PCT/EP2008/060931)
[87] (WO2009/024593)
[30] US (60/957,027) 2007-08-21
[30] US (60/989,035) 2007-11-19

[11] **2,694,811**
[13] C
[51] **Int.Cl. B01D 21/26 (2006.01) B01D 17/028 (2006.01) B01D 17/038 (2006.01) B01D 21/24 (2006.01)**
[25] EN
[54] **SEPARATOR FOR SEPARATING LIQUID HYDROCARBONS, SOLIDS AND FLUID FROM A SLURRY**
[54] **SEPARATEUR POUR SEPARER DES HYDROCARBURES LIQUIDES, DES SOLIDES ET UN FLUIDE D'UNE BOUE**
[72] MACARTNEY, TIMOTHY, CA
[73] MACARTNEY, TIMOTHY, CA
[86] (2694811)
[87] (2694811)
[22] 2010-03-04

[11] **2,694,969**
[13] C
[51] **Int.Cl. B08B 1/00 (2006.01) B08B 9/00 (2006.01)**
[25] EN
[54] **HAND-HELD ELECTRICAL CONDUCTOR CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE PORTATIF POUR CONDUCTEURS ELECTRIQUES**
[72] LEFAVOUR, JOHN D., US
[72] BECK, ALAN D., US
[73] BURNDY TECHNOLOGY LLC, US
[85] 2010-01-28
[86] 2008-07-22 (PCT/US2008/070725)
[87] (WO2009/020763)
[30] US (11/891,230) 2007-08-09

[11] **2,695,628**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) C07D 277/82 (2006.01)**
[25] FR
[54] **NOVEL 6-TRIAZOLOPYRIDAZINESULFANYL BENZOTHIAZOLE AND BENZIMIDAZOLE DERIVATIVES, METHOD FOR PRODUCTION THEREOF AND APPLICATION AS MEDICAMENTS AND PHARMACEUTICAL COMPOSITIONS AND NOVEL USE AS MET INHIBITORS**
[54] **NOUVEAUX DERIVES DE 6-TRIAZOLOPYRIDAZINE-SULFANYL BENZOTHIAZOLE ET BENZIMIDAZOLE, LEUR PROCEDE DE PREPARATION, LEUR APPLICATION A TITRE DE MEDICAMENTS, COMPOSITIONS PHARMACEUTIQUES ET NOUVELLE UTILISATION NOTAMMENT COMME INHIBITEURS DE MET**
[72] ALBERT, EVA, FR
[72] BACQUE, ERIC, FR
[72] NEMECEK, CONCEPTION, FR
[72] UGOLINI, ANTONIO, FR
[72] WENTZLER, SYLVIE, FR
[73] SANOFI-AVENTIS, FR
[85] 2010-02-04
[86] 2008-08-06 (PCT/FR2008/001172)
[87] (WO2009/056692)
[30] FR (07/05789) 2007-08-09
[30] FR (08/01819) 2008-04-02

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[11] **2,695,805**
[13] C
[51] **Int.Cl. C07K 14/785 (2006.01) A61K 38/16 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **SYNTHETIC PULMONARY SURFACTANT PROTEIN B PEPTIDES**
[54] **PEPTIDES B DE PROTEINE SURFACTANTE PULMONAIRE SYNTHETIQUE**
[72] JOHANSSON, JAN, IT
[72] CURSTEDT, TORE, IT
[72] ROBERTSON, BENGT, IT
[72] DELCANALE, MAURIZIO, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
[85] 2010-02-08
[86] 2008-07-17 (PCT/EP2008/005842)
[87] (WO2009/018908)
[30] EP (07114083.4) 2007-08-09

---

[11] **2,695,997**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **HIGH AFFINITY HUMAN ANTIBODIES TO HUMAN NERVE GROWTH FACTOR**
[54] **ANTICORPS HUMAINS ANTI-FACTEUR DE CROISSANCE NERVEUX HUMAIN DE HAUTE AFFINITE**
[72] REINHARDT, JOEL C., US
[72] MACDONALD, LYNN, US
[72] TORRES, RICHARD, US
[72] MORRA, MARC R., US
[72] MARTIN, JOEL H., US
[73] REGENERON PHARMACEUTICALS, INC., US
[85] 2010-02-09
[86] 2008-08-08 (PCT/US2008/072561)
[87] (WO2009/023540)
[30] US (60/964,224) 2007-08-10
[30] US (60/994,526) 2007-09-20
[30] US (61/062,860) 2008-01-28
[30] US (61/079,259) 2008-07-09

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[11] **2,697,717**
[13] C
[51] **Int.Cl. C07D 307/42 (2006.01) C10L 1/00 (2006.01) C10L 1/02 (2006.01)**
[25] EN
[54] **5-SUBSTITUTED 2-(ALKOXYMETHYL)FURANS**
[54] **2-(ALCOXYMETHYL) FURANES 5-SUBSTITUES**
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[73] FURANIX TECHNOLOGIES B.V., NL
[85] 2010-02-24
[86] 2008-09-05 (PCT/EP2008/007423)
[87] (WO2009/030509)
[30] EP (07075777.8) 2007-09-07
[30] EP (08075504.4) 2008-05-19

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[11] **2,697,816**
[13] C
[51] **Int.Cl. F21K 9/23 (2016.01) F21V 29/70 (2015.01) F21V 29/74 (2015.01) F21K 9/00 (2016.01) F21S 10/06 (2006.01) H01L 33/00 (2010.01)**
[25] EN
[54] **LED BEACON OBSTRUCTION LIGHTING SYSTEM**
[54] **SYSTEME DE FEU D'OBSTACLE DE BALISAGE A DEL**
[72] HENRI, MARC, CA
[72] LEBLANC, LOUIS, CA
[72] BERGEVIN, PATRICK, CA
[73] WHITEBEAR INNOVATIONS LTD., CA
[86] (2697816)
[87] (2697816)
[22] 2010-03-25
[30] CA (2,660,109) 2009-03-25

---

[11] **2,698,662**
[13] C
[51] **Int.Cl. E04H 12/22 (2006.01)**
[25] EN
[54] **ANGULARLY ADJUSTABLE SUPPORT**
[54] **SUPPORT A ANGLE REGLABLE**
[72] STERLING, ROBERT, CA
[73] STERLING, ROBERT, CA
[86] (2698662)
[87] (2698662)
[22] 2010-03-05

---

[11] **2,699,438**
[13] C
[51] **Int.Cl. C07D 211/78 (2006.01) C07C 249/04 (2006.01) C07C 249/08 (2006.01) C07C 251/38 (2006.01) C07C 251/44 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING DISUBSTITUTED PIPERIDINE AND INTERMEDIATES**
[54] **PROCEDE DE PREPARATION D'UNE PIPERIDINE DISUBSTITUEE ET INTERMEDIAIRES**
[72] PRIOUR, ALAIN, FR
[72] BONNET, ALAIN, FR
[72] ODDON, GILLES, FR
[72] MAZURIE, ALAIN, FR
[73] FOREST LABORATORIES HOLDINGS LIMITED, BM
[85] 2010-03-11
[86] 2008-09-12 (PCT/FR2008/001280)
[87] (WO2009/090320)
[30] FR (0706449) 2007-09-14

[11] **2,699,967**
[13] C
[51] **Int.Cl. A61K 51/04 (2006.01)**
[25] EN
[54] **POSITRON EMISSION TOMOGRAPHY PROBES FOR IMAGING IMMUNE ACTIVATION AND SELECTED CANCERS**
[54] **SONDES DE TOMOGRAPHIE PAR EMISSION DE POSITRONS POUR IMAGERIE D'ACTIVATION IMMUNE ET CANCERS SELECTIONNES**
[72] RADU, CAIUS G., US
[72] WITTE, OWEN N., US
[72] NAIR-GILL, EVAN DAVID, US
[72] SATYAMURTHY, NAGICHETTIAR, US
[72] SHU, CHENGYI J., US
[72] CZERNIN, JOHANNES, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2010-03-17
[86] 2008-09-19 (PCT/US2008/010948)
[87] (WO2009/038795)
[30] US (60/960,183) 2007-09-19
[30] US (61/064,963) 2008-04-04

[11] **2,700,562**
[13] C
[51] **Int.Cl. C08L 91/00 (2006.01) C08L 27/00 (2006.01) C09D 11/06 (2006.01) C09D 191/00 (2006.01)**
[25] EN
[54] **USE OF OILS WITH HIGH CONCENTRATIONS OF POLYUNSATURATED FATTY ACIDS IN PLASTICS AND SURFACE COATINGS**
[54] **UTILISATION D'HUILES CONTENANT DES CONCENTRATIONS ELEVEES D'ACIDES GRAS POLYINSATURES DANS DES MATIERES PLASTIQUES ET DES REVETEMENTS DE SURFACE**
[72] MORGENSTERN, DAVID A., US
[72] MAKADIA, VALLABH, US
[72] HEISE, JERALD, US
[72] CALABOTTA, BETH J., US
[72] ESTEP, JOANN, US
[72] NISSING, NICHOLAS J., US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2010-03-23
[86] 2008-09-25 (PCT/US2008/077679)
[87] (WO2009/042770)
[30] US (60/975,032) 2007-09-25

[11] **2,700,573**
[13] C
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **CANCER STEM CELL ANTIGEN VACCINES AND METHODS**
[54] **VACCINS COMPRENANT DES ANTIGENES DE CELLULES SOUCHES CANCEREUSES ET PROCEDES**
[72] YU, JOHN S., US
[73] CEDARS-SINAI MEDICAL CENTER, US
[85] 2010-03-24
[86] 2007-09-26 (PCT/US2007/079600)
[87] (WO2008/039874)
[30] US (60/826,955) 2006-09-26

[11] **2,700,681**
[13] C
[51] **Int.Cl. A01K 1/015 (2006.01)**
[25] EN
[54] **BIODEGRADABLE WASTE PAD OR LITTER INCLUDING NUTRIENTS FOR PROMOTING MICROBIAL POPULATIONS**
[54] **TAMPON POUR DECHETS OU LITIERE BIODEGRADABLE CONTENANT DES NUTRIMENTS STIMULANT LES POPULATIONS MICROBIENNES**
[72] AXELROD, GLEN S., US
[73] T.F.H. PUBLICATIONS, INC., US
[85] 2010-03-24
[86] 2008-09-26 (PCT/US2008/077919)
[87] (WO2009/042897)
[30] US (11/864,220) 2007-09-28

[11] **2,701,155**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENTS FOR GRAFT-VERSUS-HOST DISEASE COMPRISING INTERLEUKIN 6 RECEPTOR INHIBITOR AS ACTIVE INGREDIENT**
[54] **AGENTS THERAPEUTIQUES POUR TRAITER LA MALADIE DU GREFFON CONTRE L'HOTE COMPRENANT UN INHIBITEUR DU RECEPTEUR DE L'INTERLEUKINE-6 EN TANT QU'INGREDIENT ACTIF**
[72] MIHARA, MASAHIKO, JP
[72] MORIYA, YOICHIRO, JP
[73] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2010-03-29
[86] 2008-10-01 (PCT/JP2008/067835)
[87] (WO2009/044774)
[30] JP (2007-258810) 2007-10-02

[11] **2,701,377**
[13] C
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/16 (2006.01) A61K 9/50 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **DISPERSION OF POLOXAMER-PROTEIN PARTICLES, METHODS OF MANUFACTURING AND USES THEREOF**
[54] **DISPERSION DE PARTICULES DE POLOXAMERE-PROTEINE, PROCEDES DE FABRICATION ET UTILISATIONS**
[72] PAILLARD, ALEXANDRA, FR
[72] VENIER, MARIE-CLAIRE, FR
[72] BENOIT, JEAN-PIERRE, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[73] UNIVERSITE D'ANGERS, FR
[85] 2010-03-31
[86] 2008-10-01 (PCT/EP2008/063147)
[87] (WO2009/043874)
[30] EP (07291188.6) 2007-10-01

[11] **2,701,757**
[13] C
[51] **Int.Cl. G10L 19/038 (2013.01) G10L 19/16 (2013.01)**
[25] EN
[54] **VECTOR QUANTIZATION APPARATUS, VECTOR DEQUANTIZATION APPARATUS AND THE METHODS**
[54] **APPAREIL DE QUANTIFICATION DE VECTEUR, APPAREIL DE DEQUANTIFICATION DE VECTEUR ET LES METHODES**
[72] SATOH, KAORU, JP
[72] MORII, TOSHIYUKI, JP
[72] EHARA, HIROYUKI, JP
[73] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2010-04-06
[86] 2008-10-10 (PCT/JP2008/002876)
[87] (WO2009/047911)
[30] JP (2007-266922) 2007-10-12
[30] JP (2007-285602) 2007-11-01

[11] **2,703,698**
[13] C
[51] **Int.Cl. A61K 31/352 (2006.01) A61K 36/00 (2006.01) A61K 36/48 (2006.01) A61K 36/539 (2006.01)**
[25] EN
[54] **FORMULATION OF A MIXTURE OF FREE-B-RING FLAVONOIDS AND FLAVANS AS A THERAPEUTIC AGENT**
[54] **FORMULATION POUR UN MELANGE DE FLAVONOIDES ET DE FLAVANES SANS NOYAU B UTILISE COMME AGENT THERAPEUTIQUE**
[72] JIA, QI, US
[73] UNIGEN, INC., US
[86] (2703698)
[87] (2703698)
[22] 2003-04-30
[62] 2,484,192
[30] US (60/377,168) 2002-04-30

[11] **2,704,189**
[13] C
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT IN A TELECOMMUNICATIONS SYSTEM**
[54] **PROCEDE ET AGENCEMENT DANS UN SYSTEME DE TELECOMMUNICATION**
[72] ENGLUND, EVA, SE
[72] JOHANSSON, MAGNUS, SE
[73] UNWIRED PLANET, LLC, US
[85] 2010-04-29
[86] 2008-10-27 (PCT/SE2008/051214)
[87] (WO2009/058075)
[30] US (60/983,297) 2007-10-29

[11] **2,704,258**
[13] C
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/337 (2006.01) A61K 47/24 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL THERMOSENSITIVE LIPOSOMES CONTAINING THERAPEUTIC AGENTS**
[54] **NOUVEAUX LIPOSOMES THERMOSENSIBLES CONTENANT DES AGENTS THERAPEUTIQUES**
[72] MEI, XINGGUO, CN
[72] JIANG, QINGWEI, CN
[72] YU, WEIPING, US
[73] CELSION CORPORATION, US
[85] 2010-04-29
[86] 2008-11-05 (PCT/CN2008/001846)
[87] (WO2009/062398)
[30] CN (PCT/CN2007/003128) 2007-11-05

[11] **2,704,526**
[13] C
[51] **Int.Cl. B09B 3/00 (2006.01)**
[25] EN
[54] **A METHOD FOR STABILIZATION AND/OR FIXATION OF LEACHABLE METALS**
[54] **PROCEDE DE STABILISATION ET/OU FIXATION DE METAUX LIXIVIABLES**
[72] MEYER, GARY JOEL, US
[72] MCCULLOUGH, THOMAS P., US
[73] TERRA MATERIALS, LLC, US
[85] 2010-04-30
[86] 2008-10-28 (PCT/US2008/081443)
[87] (WO2009/058771)
[30] US (60/984,392) 2007-11-01
[30] US (61/075,099) 2008-06-24
[30] US (61/102,969) 2008-10-06

[11] **2,707,090**
[13] C
[51] **Int.Cl. A23C 11/02 (2006.01) A23L 29/10 (2016.01) A23L 29/262 (2016.01) A23C 11/04 (2006.01) A23C 11/08 (2006.01)**
[25] EN
[54] **SHELF STABLE LIQUID WHITENER AND PROCESS OF MAKING THEREOF**
[54] **AGENT BLANCHISSANT LIQUIDE A LONGUE DUREE DE CONSERVATION ET SON PROCEDE DE FABRICATION**
[72] SHER, ALEXANDER A., US
[72] OCTAVIA, WINNIE, US
[72] MICHEL, LETICIA MARIA, US
[72] TUOT, JAMES, US
[73] NESTEC S.A., CH
[85] 2010-05-28
[86] 2008-11-26 (PCT/EP2008/066184)
[87] (WO2009/068543)
[30] US (11/947,490) 2007-11-29

[11] **2,708,024**
[13] C
[51] **Int.Cl. G02F 1/167 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **SPD FILMS AND LIGHT VALVES INCORPORATING OVERCOATINGS**
[54] **FILMS DE DISPOSITIF A PARTICULES SUSPENDUES ET MODULATEURS DE LUMIERE INCORPORANT DES REVETEMENTS**
[72] SAXE, ROBERT L., US
[72] SLOVAK, STEVEN M., US
[72] CHEN, XIAO-PING, US
[73] RESEARCH FRONTIERS INCORPORATED, US
[85] 2010-06-04
[86] 2008-12-01 (PCT/US2008/013249)
[87] (WO2009/073161)
[30] US (60/992,881) 2007-12-06

[11] **2,708,137**
[13] C
[51] **Int.Cl. A61K 41/00 (2006.01) A61K 9/02 (2006.01) A61K 9/28 (2006.01) A61K 9/48 (2006.01) A61K 31/197 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF SOLID PHARMACEUTICAL PRODUCTS COMPRISING 5-AMINOLEVULINIC ACID**
[54] **UTILISATION DE PRODUITS PHARMACEUTIQUES SOLIDES COMPRENANT DE L'ACIDE 5-AMINOLEVULINIQUE**
[72] KLAVENESS, JO, NO
[72] STENSRUD, GRY, NO
[72] GODAL, ASLAK, NO
[72] BRAENDEN, JON ERIK, NO
[72] KLEM, BJORN, NO
[73] PHOTOCURE ASA, NO
[85] 2010-06-04
[86] 2008-12-12 (PCT/GB2008/004113)
[87] (WO2009/074811)
[30] GB (0724279.5) 2007-12-12

[11] **2,708,327**
[13] C
[51] **Int.Cl. H04B 1/28 (2006.01) H04B 7/185 (2006.01) H04L 27/32 (2006.01)**
[25] FR
[54] **FREQUENCY- AND PHASE-MODULATION TELECONTROL RECEIVER FOR GEOSTATIONARY SATELLITE**
[54] **RECEPTEUR DE TELECOMMANDE EN MODULATION DE FREQUENCE ET DE PHASE POUR SATELLITE GEOSTATIONNAIRE**
[72] POPULUS, THIERRY, FR
[72] NASTA, RODOLPHE, FR
[73] THALES, FR
[85] 2010-06-03
[86] 2008-12-08 (PCT/EP2008/067038)
[87] (WO2009/074542)
[30] FR (FR0708624) 2007-12-11

[11] **2,708,586**
[13] C
[51] **Int.Cl. B65D 51/20 (2006.01) A61J 1/14 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **MOLDED CONTAINER WITH OPENER AND METHOD FOR USE**
[54] **CONTENANT MOULE AVEC DISPOSITIF D'OUVERTURE, ET METHODE D'UTILISATION**
[72] COLANGELO, KEVIN, US
[73] CATALENT PHARMA SOLUTIONS, INC., US
[86] (2708586)
[87] (2708586)
[22] 2010-06-28
[30] US (12/494,873) 2009-06-30

[11] **2,708,700**
[13] C
[51] **Int.Cl. E05B 63/00 (2006.01) A47B 63/00 (2006.01)**
[25] EN
[54] **RELEASABLE TENON FOR LOCKING SYSTEM**
[54] **TENON DETACHABLE POUR SYSTEME DE VERROUILLAGE**
[72] SABELLI, TONINO, CA
[73] WESKO LOCKS LTD., CA
[86] (2708700)
[87] (2708700)
[22] 2010-06-29

[11] **2,710,158**
[13] C
[51] **Int.Cl. H04W 24/10 (2009.01)**
[25] EN
[54] **A METHOD APPARATUS AND NETWORK NODE FOR APPLYING CONDITIONAL CQI REPORTING**
[54] **PROCEDE, APPAREIL ET NOEUD DE RESEAU POUR APPLIQUER UNE ELABORATION DE RAPPORTS DE CQI CONDITIONNELLE**
[72] KAZMI, MUHAMMAD, SE
[72] LIAO, JINGYI, CN
[72] HU, RONG, CN
[72] WAGER, STEFAN, FI
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-06-18
[86] 2008-12-01 (PCT/SE2008/051383)
[87] (WO2009/082335)
[30] US (61/016,081) 2007-12-21

[11] **2,710,805**
[13] C
[51] **Int.Cl. G01P 13/00 (2006.01) G06Q 30/02 (2012.01) G01P 15/18 (2013.01)**
[25] EN
[54] **MOTION DETECTOR MODULE**
[54] **MODULE DE DETECTEUR DE MOUVEMENT**
[72] ZHANG, JAMES, US
[72] KRUG, WILLIAM K., US
[73] ARBITRON, INC., US
[85] 2010-06-25
[86] 2008-12-31 (PCT/US2008/014143)
[87] (WO2009/085323)
[30] US (12/006,442) 2007-12-31

[11] **2,710,957**
[13] C
[51] **Int.Cl. A61K 8/27 (2006.01) A61Q 17/04 (2006.01) C01G 9/02 (2006.01) C09C 1/04 (2006.01)**
[25] EN
[54] **MESOPOROUS ZINC OXIDE POWDER AND METHOD FOR PRODUCTION THEREOF**
[54] **POUDRE D'OXYDE DE ZINC MESOPOREUX ET SON PROCEDE DE PRODUCTION**
[72] MCCORMICK, PAUL, AU
[72] TROTTER, GEOFFREY, AU
[73] ANTARIA LIMITED, AU
[85] 2010-06-28
[86] 2009-01-12 (PCT/US2009/030732)
[87] (WO2009/089527)
[30] US (61/006,398) 2008-01-11
[30] AU (2008903390) 2008-07-02

[11] **2,711,108**
[13] C
[51] **Int.Cl. A61L 15/58 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HEALING A WOUND AT A TISSUE SITE**
[54] **SYSTEME ET METHODE DE CICATRISATION D'UNE PLAIE AU NIVEAU D'UN SITE TISSULAIRE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] KIESWETTER, KRISTINE, US
[72] MCNULTY, AMY, US
[73] KCI LICENSING INC., US
[85] 2010-06-30
[86] 2009-02-27 (PCT/US2009/035524)
[87] (WO2009/108884)
[30] US (61/032,014) 2008-02-27

[11] **2,711,529**
[13] C
[51] **Int.Cl. C07D 207/38 (2006.01) A61K 31/4015 (2006.01) C07C 269/06 (2006.01) C07C 271/22 (2006.01) C07D 207/263 (2006.01) C07D 207/36 (2006.01)**
[25] EN
[54] **PROCESS AND INTERMEDIATES FOR THE PREPARATION OF 5-BIBPHENYL-4-YL-2-METHYLPENTANOIC ACID DERIVATIVES**
[54] **PROCEDE ET INTERMEDIAIRES POUR LA PREPARATION DE DERIVES D'ACIDE 5-BIBPHENYL-4-YL-2-METHYLPENTANOIQUE**
[72] HOOK, DAVID, CH
[72] RISS, BERNHARD, FR
[72] KAUFMANN, DANIEL, CH
[72] NAPP, MATTHIAS, DE
[72] BAPPERT, ERHARD, CH
[72] POLLEUX, PHILIPPE, CH
[72] MEDLOCK, JONATHAN, GB
[72] ZANOTTI-GEROSA, ANTONIO, GB
[73] NOVARTIS AG, CH
[85] 2010-07-06
[86] 2009-01-16 (PCT/EP2009/050510)
[87] (WO2009/090251)
[30] EP (08150353.4) 2008-01-17

[11] **2,712,206**
[13] C
[51] **Int.Cl. A61M 5/44 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **FLUID WARMER WITH SWITCH ASSEMBLY**
[54] **APPAREIL POUR RECHAUFFER LES LIQUIDES MUNI D'UN ENSEMBLE COMMUTATEUR**
[72] HANSEN, WILLIAM J., US
[72] SMITH, TERENCE T., US
[73] ENTHERMICS MEDICAL SYSTEMS, INC., US
[86] (2712206)
[87] (2712206)
[22] 2010-08-05
[30] US (12/838,872) 2010-07-19

[11] **2,712,759**
[13] C
[51] **Int.Cl. A47C 27/08 (2006.01) B60C 29/00 (2006.01) B68G 7/06 (2006.01)**
[25] EN
[54] **CELLULAR MATRIX WITH INTEGRATED RADIANT AND/OR CONVECTION BARRIERS PARTICULARLY FOR USE WITH INFLATABLE BODIES**
[54] **MATRICE CELLULAIRE AVEC DES BARRIERES RADIANTES ET/OU DE CONVECTION INTEGREES PARTICULIEREMENT POUR UNE UTILISATION AVEC DES CORPS GONFLABLES**
[72] MARSON, JAMES E., US
[73] CASCADE DESIGNS, INC., US
[85] 2010-07-21
[86] 2009-01-22 (PCT/US2009/000474)
[87] (WO2009/094208)
[30] US (61/011,948) 2008-01-22

[11] **2,713,724**
[13] C
[51] **Int.Cl. E02D 17/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR UNDERGROUND STRUCTURES AND CONSTRUCTION THEREOF**
[54] **APPAREIL ET PROCEDES POUR STRUCTURES SOUTERRAINES ET CONSTRUCTION ASSOCIEE**
[72] KRUSE, DARIN R., US
[73] KRUSE, DARIN R., US
[85] 2010-07-14
[86] 2009-01-28 (PCT/US2009/032275)
[87] (WO2009/097355)
[30] US (61/024,171) 2008-01-28

[11] **2,714,042**
[13] C
[51] **Int.Cl. C12N 15/81 (2006.01)**
[25] FR
[54] **METHOD FOR THE TARGETED INTEGRATION OF MULTIPLE COPIES OF A GENE OF INTEREST IN A YARROWIA STRAIN**
[54] **PROCEDE D'INTEGRATION CIBLEE DE MULTICOPIES D'UN GENE D'INTERET DANS UNE SOUCHE DE YARROWIA**
[72] NICAUD, JEAN-MARC, FR
[72] FUDALEJ, FRANCK, FR
[72] NEUVEGLISE, CECILE, FR
[72] BECKERICH, JEAN-MARIE, FR
[73] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[85] 2010-08-04
[86] 2009-02-05 (PCT/EP2009/051332)
[87] (WO2009/098263)
[30] FR (0850736) 2008-02-05

[11] **2,714,239**
[13] C
[51] **Int.Cl. H02P 1/04 (2006.01) F04B 53/00 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **SOFTSTARTER DEVICE AND METHOD TO CONTROL THE SOFTSTARTING OF AN ELECTRIC MOTOR**
[54] **DISPOSITIF DE DEMARRAGE SOUPLE ET METHODE DE CONTROLE DU DEMARRAGE SOUPLE D'UN MOTEUR ELECTRIQUE**
[72] GALEA, JOHANN, CH
[72] GALEA, ROGER, CH
[72] DEMICOLI, JASON, CH
[72] PEROT, MAURO, CH
[72] BALCON, CLAUDIO, CH
[72] VEDANA, FRANCESCO, CH
[72] ELLUL, THOMAS, CH
[73] CARLO GAVAZZI SERVICES AG., CH
[73] CARLO GAVAZZI SERVICES AG, CH
[86] (2714239)
[87] (2714239)
[22] 2010-09-01
[30] EP (EP 09169226.9) 2009-09-02

[11] **2,715,242**
[13] C
[51] **Int.Cl. C08G 77/46 (2006.01) A61K 8/89 (2006.01) B01F 17/54 (2006.01) C08J 3/24 (2006.01) A61K 8/06 (2006.01) A61K 9/107 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYSILOXANES, A PROCESS FOR THEIR PREPARATION AND USE OF THE CROSSLINKED POLYSILOXANES IN EMULSIFIER SYSTEMS FOR WATER-IN-OIL EMULSIONS**
[54] **POLYSILOXANES RETICULES, UN PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION DANS DES SYSTEMES D'EMULSIFIANT POUR EMULSIONS D'EAU DANS L'HUILE**
[72] NEWMANN, THOMAS, DE
[72] GRUENING, BURGHARD, DE
[72] HOWE, ANNA, US
[72] ADKINS, DANA, US
[72] REDDINGER, JERRY, US
[73] EVONIK DEGUSSA GMBH, DE
[86] (2715242)
[87] (2715242)
[22] 2010-09-23
[30] US (61/245,366) 2009-09-24

---

[11] **2,715,245**
[13] C
[51] **Int.Cl. B29C 49/20 (2006.01)**
[25] EN
[54] **FLEX RING BASE**
[54] **BASE ANNULAIRE FLEXIBLE**
[72] BEUERLE, FRED C., US
[72] LISCH, G. DAVID, US
[73] AMCOR LIMITED, AU
[85] 2010-08-04
[86] 2009-02-07 (PCT/US2009/000756)
[87] (WO2009/099638)
[30] US (61/063,883) 2008-02-07
[30] US (12/367,002) 2009-02-06

---

[11] **2,715,967**
[13] C
[51] **Int.Cl. G06F 11/20 (2006.01)**
[25] EN
[54] **VIDEO MEDIA DATA STORAGE SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE STOCKAGE DE DONNEES DE CONTENU VIDEO ET PROCEDES ASSOCIES**
[72] PETRESCU, MIHAI G., US
[72] CREVE, HILTON S., US
[72] TRAN, TUNG M., US
[72] ROTH, TODD S., US
[72] KORTE, THEODORE H., US
[73] IMAGINE COMMUNICATIONS CORP., US
[85] 2010-08-17
[86] 2009-02-24 (PCT/US2009/034942)
[87] (WO2009/108609)
[30] US (12/039,129) 2008-02-28

---

[11] **2,717,482**
[13] C
[51] **Int.Cl. G01N 27/447 (2006.01) G01N 30/60 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **SELF-CONTAINED CAPILLARY ELECTROPHORESIS SYSTEM FOR INTERFACING WITH MASS SPECTROMETRY**
[54] **SYSTEME D'ELECTROPHORESE CAPILLAIRE AUTONOME DESTINE A S'INTERFACER AVEC UN SPECTROMETRE DE MASSE**
[72] CHEN, DAVID DA YONG, CA
[72] MAXWELL, ELIZABETH JANE, CA
[72] ZHANG, HONG, CA
[72] ZHONG, XUEFEI, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2010-09-01
[86] 2009-03-06 (PCT/CA2009/000242)
[87] (WO2009/109037)
[30] US (61/064,485) 2008-03-07
[30] US (61/193,214) 2008-11-06

---

[11] **2,717,862**
[13] C
[51] **Int.Cl. A61B 1/04 (2006.01) A61M 31/00 (2006.01) G06K 5/00 (2006.01) G08B 1/08 (2006.01) G08B 13/14 (2006.01)**
[25] EN
[54] **MULTI-MODE COMMUNICATION INGESTIBLE EVENT MARKERS AND SYSTEMS, AND METHODS OF USING THE SAME**
[54] **MARQUEURS ET SYSTEMES D'EVENEMENT DE COMMUNICATION MULTIMODE INGERABLES, ET LEURS PROCEDES D'UTILISATION**
[72] ROBERTSON, TIMOTHY, US
[72] ZDEBLICK, MARK J., US
[73] PROTEUS DIGITAL HEALTH, INC., US
[85] 2010-09-03
[86] 2009-03-05 (PCT/US2009/036231)
[87] (WO2009/111664)
[30] US (61/034,085) 2008-03-05

---

[11] **2,718,071**
[13] C
[51] **Int.Cl. G10K 11/00 (2006.01)**
[25] EN
[54] **INSONIFICATION DEVICE HAVING AN INTERNAL COOLING CHAMBER**
[54] **DISPOSITIF D'INSONIFICATION POSSEDANT UNE CHAMBRE DE REFROIDISSEMENT INTERNE**
[72] MARTIN, YVES, FR
[72] PERNOT, MATHIEU, FR
[73] SUPER SONIC IMAGINE, FR
[85] 2010-09-09
[86] 2009-03-17 (PCT/EP2009/053145)
[87] (WO2009/115523)
[30] FR (0851744) 2008-03-18
[30] US (61/151,287) 2009-02-10

[11] **2,718,884**
[13] C
[51] **Int.Cl. A61K 35/13 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HEAT SHOCK PROTEIN GP96 VACCINATION AND METHODS OF USING SAME**
[54] **VACCINATION PAR PROTEINE DE CHOC THERMIQUE GP96 ET PROCEDES D'UTILISATION**
[72] PODACK, ECKHARD R., US
[72] ROSENBLATT, JOSEPH R., US
[73] UNIVERSITY OF MIAMI, US
[85] 2010-09-17
[86] 2009-03-19 (PCT/US2009/001727)
[87] (WO2009/117116)
[30] US (61/038,313) 2008-03-20

---

[11] **2,719,577**
[13] C
[51] **Int.Cl. A61K 33/26 (2006.01) A61P 7/06 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **USE OF FERRITIN TO TREAT IRON DEFICIENCY DISORDERS**
[54] **UTILISATION DE FERRITINE POUR TRAITER LES TROUBLES DE CARENCE EN FER**
[72] CONNOR, JAMES R., US
[72] KEIL, RALPH LAUREN, US
[73] CHYNA LLC, US
[85] 2010-09-24
[86] 2008-03-28 (PCT/US2008/004071)
[87] (WO2009/120168)

---

[11] **2,720,293**
[13] C
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AN ELECTRICALLY HEATED SMOKING SYSTEM HAVING A LIQUID STORAGE PORTION**
[54] **SYSTEME POUR FUMEUR A CHAUFFAGE ELECTRIQUE COMPRENANT UNE PARTIE DE STOCKAGE DE LIQUIDE**
[72] THORENS, MICHEL, CH
[72] FLICK, JEAN-MARC, CH
[72] COCHAND, OLIVIER YVES, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2010-09-30
[86] 2009-04-22 (PCT/EP2009/002923)
[87] (WO2009/132793)
[30] EP (08251579.2) 2008-04-30

---

[11] **2,720,787**
[13] C
[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/32 (2006.01) A01N 37/42 (2006.01) A01N 37/50 (2006.01) A01N 43/653 (2006.01) A01N 47/02 (2006.01) A01N 47/38 (2006.01) A01N 57/12 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITION AND SYSTEM FOR TURF MAINTENANCE**
[54] **COMPOSITION ET SYSTEME POUR L'ENTRETIEN DU GAZON**
[72] REES, RICHARD, US
[72] HANRAHAN, RICHARD K., US
[72] VANDENBERG, ED, CA
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2010-10-06
[86] 2009-02-19 (PCT/US2009/034484)
[87] (WO2009/126370)
[30] US (61/123,389) 2008-04-08

---

[11] **2,721,109**
[13] C
[51] **Int.Cl. H01J 49/06 (2006.01) H01J 49/00 (2006.01)**
[25] EN
[54] **ELECTRON TRANSFER DISSOCIATION DEVICE**
[54] **DISPOSITIF DE DISSOCIATION PAR TRANSFERT D'ELECTRONS**
[72] BROWN, JEFFREY MARK, GB
[72] GREEN, MARTIN RAYMOND, GB
[73] MICROMASS UK LIMITED, GB
[85] 2010-10-08
[86] 2009-04-03 (PCT/GB2009/000902)
[87] (WO2009/127808)
[30] GB (0806725.8) 2008-04-14
[30] US (61/049,495) 2008-05-01

---

[11] **2,722,012**
[13] C
[51] **Int.Cl. G01M 3/00 (2006.01)**
[25] FR
[54] **SYSTEM FOR OBTAINING INFORMATION RELATED TO PIPES, AND RELATED METHOD**
[54] **SYSTEME POUR OBTENIR DES INFORMATIONS RELATIVEMENT A UNE CANALISATION ET PROCEDE ASSOCIE**
[72] STUBLER, JEROME, FR
[72] BASILE, BERNARD, FR
[72] HOVHANESSIAN, GILLES, FR
[73] SOLETANCHE FREYSSINET, FR
[85] 2010-10-19
[86] 2009-04-17 (PCT/FR2009/050723)
[87] (WO2009/138646)
[30] FR (08 52712) 2008-04-22

---

[11] **2,722,497**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) C10G 1/04 (2006.01) G01N 33/24 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **SOLVENT SURVEILLANCE IN SOLVENT-BASED HEAVY OIL RECOVERY PROCESSES**
[54] **SURVEILLANCE DE SOLVANT DANS DES PROCEDES DE RECUPERATION DE PETROLE LOURD A BASE DE SOLVANT**
[72] CHAKRABARTY, TAPANTOSH, CA
[72] HOMMEMA, SCOTT E., US
[72] FEIMER, JOSEPH L., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2722497)
[87] (2722497)
[22] 2010-11-24
[30] US (61/267,119) 2009-12-07

[11] **2,722,915**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **HOME APPLIANCE SYSTEM AND OPERATION METHOD THEREOF**
[54] **SYSTEME D'APPAREIL DOMESTIQUE ET SON PROCEDE DE FONCTIONNEMENT**
[72] PARK, HYUNG JUN, KR
[72] KANG, HAE YONG, KR
[72] KIM, YOUNG SOO, KR
[72] JEON, SI MOON, KR
[72] LEE, KOON SEOK, KR
[72] KIM, YONG TAE, KR
[72] KIM, HYUN SANG, KR
[72] KWON, EUI HYEOK, KR
[73] LG ELECTRONICS INC., KR
[85] 2010-10-28
[86] 2009-04-30 (PCT/KR2009/002288)
[87] (WO2009/134090)
[30] US (61/049,201) 2008-04-30
[30] KR (10-2008-0040677) 2008-04-30
[30] KR (10-2009-0031499) 2009-04-10
[30] KR (10-2009-0037436) 2009-04-29

[11] **2,723,264**
[13] C
[51] **Int.Cl. G01F 23/22 (2006.01) G01F 23/24 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING THE FILL LEVEL OF A LIQUID IN A LIQUID CONTAINER**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DU NIVEAU DE REMPLISSAGE D'UN LIQUIDE DANS UN RESERVOIR DE LIQUIDE**
[72] NIEDZBALLA, GUENTER, DE
[73] AREVA GMBH, DE
[85] 2010-11-02
[86] 2009-03-19 (PCT/EP2009/002032)
[87] (WO2009/135562)
[30] DE (10 2008 022 363.8) 2008-05-06

[11] **2,723,399**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04L 12/26 (2006.01)**
[25] EN
[54] **METHODS, TEST SYSTEMS AND ARRANGEMENTS FOR VERIFYING COMPLIANCE WITH REQUIREMENT SPECIFICATIONS**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS D'ESSAI POUR CONTROLER LA CONFORMITE AVEC DES SPECIFICATIONS REQUISES**
[72] MATTISSON, LEIF, SE
[72] RATHONYI, BELA, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-11-03
[86] 2009-05-06 (PCT/EP2009/055455)
[87] (WO2009/135864)
[30] US (61/051,117) 2008-05-07
[30] US (61/061,179) 2008-06-13
[30] EP (09151171.7) 2009-01-23

[11] **2,723,431**
[13] C
[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/4709 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **NIP THIAZOLE DERIVATIVES AS INHIBITORS OF 11-BETA-HYDROXYSTEROID DEHYDROGENASE-1**
[54] **DERIVES DE THIAZOLE NIP EN TANT QU'INHIBITEURS DE LA 11-BETA-HYDROXYSTEROIDE DEHYDROGENASE-1**
[72] LERICHE, CAROLINE, FR
[72] CARNIATO, DENIS, FR
[72] ROCHE, DIDIER, FR
[72] CHARON, CHRISTINE, FR
[72] DOARE, LILIANE, FR
[73] MERCK PATENT GMBH, DE
[85] 2010-11-03
[86] 2009-04-08 (PCT/EP2009/002607)
[87] (WO2009/135581)
[30] EP (08290424.4) 2008-05-05

[11] **2,723,854**
[13] C
[51] **Int.Cl. H04B 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR A SINGLE RADIO AGGREGATED SPECTRUM RECEIVER, COMPUTER PROGRAM, RECEIVER, AND TERMINAL**
[54] **PROCEDE POUR MONO-RECEPTEUR POUR SPECTRE RADIO AGREGE, PROGICIEL, RECEPTEUR, ET TERMINAL**
[72] LINDOFF, BENGT, SE
[72] SUNDSTROEM, LARS, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-11-08
[86] 2009-05-12 (PCT/EP2009/055686)
[87] (WO2009/138385)
[30] EP (08009085.5) 2008-05-16
[30] US (61/055,526) 2008-05-23

[11] **2,724,443**
[13] C
[51] **Int.Cl. B60T 8/17 (2006.01) B60T 13/66 (2006.01) B60T 17/22 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR A RAIL VEHICLE**
[54] **DISPOSITIF DE COMMANDE POUR UN VEHICULE FERROVIAIRE**
[72] DAEMMIG, ANDRE, DE
[73] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2010-11-18
[86] 2009-04-09 (PCT/EP2009/054311)
[87] (WO2009/127597)
[30] DE (102008018873.5) 2008-04-14

[11] **2,725,378**
[13] C
[51] **Int.Cl. D21H 21/00 (2006.01)**
[25] EN
[54] **ULTRA PREMIUM BATH TISSUE**
[54] **TISSU DE BAIN DE PREMIERE QUALITE**
[72] HUSS, RICHARD D., US
[72] SCHUH, BRIAN J., US
[72] HENNES, MICHAEL E., US
[72] YEH, KANG CHANG, US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2010-11-22
[86] 2009-05-27 (PCT/US2009/003231)
[87] (WO2009/151544)
[30] US (61/128,941) 2008-05-27

[11] **2,725,829**
[13] C
[51] **Int.Cl. F21S 8/00 (2006.01) F21K 9/00 (2016.01) F21V 15/01 (2006.01) F21V 29/70 (2015.01) H01L 33/00 (2010.01)**
[25] EN
[54] **LED LIGHTING FIXTURE**
[54] **LUMINAIRE A LED**
[72] WILCOX, KURT S., US
[73] CREE, INC., US
[85] 2010-11-25
[86] 2009-05-22 (PCT/US2009/003199)
[87] (WO2009/145883)
[30] US (12/127,765) 2008-05-27

[11] **2,725,842**
[13] C
[51] **Int.Cl. C07H 15/248 (2006.01) C07C 49/755 (2006.01)**
[25] EN
[54] **PROCESS FOR THE GLYCOSIDATION OF COLCHICINE AND THIOCOLCHICINE**
[54] **PROCEDE DE GLYCOSIDATION DE LA COLCHICINE ET DE LA THIOCOLCHICINE**
[72] BESZANT, STEPHEN, IT
[72] GABETTA, BRUNO, IT
[73] INDENA S.P.A., IT
[85] 2010-11-25
[86] 2009-04-09 (PCT/EP2009/002623)
[87] (WO2009/143930)
[30] EP (08157069.9) 2008-05-28

[11] **2,726,151**
[13] C
[51] **Int.Cl. G02B 6/00 (2006.01)**
[25] EN
[54] **ROUND ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE ROND**
[72] VISSENBERG, MICHEL C. J. M., NL
[73] PHILIPS LIGHTING HOLDING B.V., NL
[85] 2010-11-26
[86] 2009-05-20 (PCT/IB2009/052122)
[87] (WO2009/144638)
[30] EP (08157267.9) 2008-05-30

[11] **2,726,470**
[13] C
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **IMPROVED SIFTING SCREEN**
[54] **TAMIS AMELIORE**
[72] ROBERTSON, GRAHAM, GB
[72] GALLOWAY, CLAIRE, GB
[72] RALPH, ANDREW, GB
[73] UNITED WIRE LIMITED, GB
[85] 2010-11-30
[86] 2009-07-08 (PCT/GB2009/050803)
[87] (WO2010/004326)
[30] GB (0812629.4) 2008-07-10

[11] **2,727,199**
[13] C
[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/538 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANNELLATED 4-(INDAZOLYL)-1,4-DIHYDROPYRIDINE DERIVATIVES AND METHODS OF USE THEREOF**
[54] **DERIVES CONDENSES DE LA 4-(INDAZOLYL)-1,4-DIHYDROPYRIDINE ET LEURS PROCEDES D'UTILISATION**
[72] MICHELS, MARTIN, DE
[72] FOLLMANN, MARKUS, DE
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] ZIMMERMANN, KATJA, DE
[72] TEUSCH, NICOLE, DE
[72] ENGEL, KAREN, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2010-12-06
[86] 2009-05-29 (PCT/EP2009/003837)
[87] (WO2009/149836)
[30] EP (08010423.5) 2008-06-09

[11] **2,727,263**
[13] C
[51] **Int.Cl. C10J 3/00 (2006.01) C10J 3/20 (2006.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR PRODUCING HYDROGEN GAS UTILIZING BIOMASS**
[54] **PROCEDE ET EQUIPEMENT DE PRODUCTION D'HYDROGENE GAZEUX UTILISANT LA BIOMASSE**
[72] LJUNGGREN, ROLF, SE
[73] CORTUS AB, SE
[85] 2010-12-07
[86] 2009-06-11 (PCT/SE2009/000296)
[87] (WO2009/151368)
[30] SE (0801369-0) 2008-06-12

[11] **2,727,540**
[13] C
[51] **Int.Cl. A61B 18/02 (2006.01)**
[25] EN
[54] **CRYO-SURGICAL SYSTEMS AND METHODS OF USING THE SAME**
[54] **SYSTEMES CRYO-CHIRURGICAUX ET LEURS PROCEDES D'UTILISATION**
[72] FORMICA, PHILIP MICHAEL, US
[73] ORASURE TECHNOLOGIES, INC., US
[85] 2010-12-06
[86] 2009-06-11 (PCT/US2009/046989)
[87] (WO2009/152294)
[30] US (61/060,542) 2008-06-11

[11] **2,727,604**
[13] C
[51] **Int.Cl. E02D 29/14 (2006.01)**
[25] EN
[54] **MANHOLE COVER STOP MECHANISM**
[54] **MECANISME DE BUTEE DE COUVERCLE DE TROU D'HOMME**
[72] STADLER, DAVID M., US
[73] NEENAH FOUNDRY COMPANY, US
[85] 2010-12-10
[86] 2009-06-11 (PCT/US2009/003503)
[87] (WO2009/151606)
[30] US (61/131,754) 2008-06-11

[11] **2,728,092**
[13] C
[51] **Int.Cl. F23J 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERY OF SOLIDS IN A CARRIER GAS TO A GAS STREAM**
[54] **SYSTEME ET PROCEDE POUR L'INTRODUCTION DE MATIERES SOLIDES PRESENTES DANS UN GAZ VECTEUR DANS UN COURANT DE GAZ**
[72] LIU, XIN, US
[73] ALBEMARLE CORPORATION, US
[85] 2010-12-14
[86] 2009-07-08 (PCT/US2009/049980)
[87] (WO2010/006083)
[30] US (61/079,037) 2008-07-08

[11] **2,728,129**
[13] C
[51] **Int.Cl. C08L 23/04 (2006.01) C08F 10/00 (2006.01) F16L 9/12 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITIONS**
[54] **COMPOSITIONS DE POLYETHYLENE**
[72] LIU, HAN-TAI, US
[72] MURE, CLIFF R., US
[73] UNIVATION TECHNOLOGIES, LLC, US
[85] 2010-12-14
[86] 2009-07-07 (PCT/US2009/049753)
[87] (WO2010/008964)
[30] US (61/135,036) 2008-07-16

[11] **2,728,494**
[13] C
[51] **Int.Cl. E21B 19/22 (2006.01)**
[25] EN
[54] **COIL TUBING RIG AND CARRIER SYSTEM**
[54] **INSTALLATION DE FORAGE A TUBE DE PRODUCTION CONCENTRIQUE ET SYSTEME PORTEUR**
[72] HAVINGA, RICHARD D., CA
[72] LAYDEN, REGINALD, CA
[73] XTREME DRILLING CORP., CA
[86] (2728494)
[87] (2728494)
[22] 2011-01-17
[30] US (12/981,969) 2010-12-30

[11] **2,729,308**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01)**
[25] EN
[54] **PORTABLE NEGATIVE PRESSURE WOUND THERAPY DEVICE**
[54] **DISPOSITIF PORTABLE DE THERAPIE DE PLAIES A PRESSION NEGATIVE**
[72] AUGUSTINE, JAMES, US
[72] WUDYKA, SCOTT, US
[72] DURKIN, WILLIAM, US
[72] KLEIS, STEVEN, US
[73] SMITH & NEPHEW, INC., US
[85] 2010-12-23
[86] 2009-06-16 (PCT/US2009/047457)
[87] (WO2010/005709)
[30] US (61/078,838) 2008-07-08

[11] **2,729,318**
[13] C
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/64 (2006.01) B01D 53/68 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING PLUGGAGE IN A CONDUIT FOR DELIVERY OF SOLIDS AND CARRIER GASES TO A FLOWING GAS STREAM**
[54] **SYSTEME ET PROCEDE DE DETECTION D'UNE OBSTRUCTION DANS UN CONDUIT POUR DISTRIBUER DES MATIERES SOLIDES ET DES GAZ PORTEURS DANS UN COURANT DE GAZ EN ECOULEMENT**
[72] LIU, XIN, US
[72] MILLER, JON E., US
[73] ALBEMARLE CORPORATION, US
[85] 2010-12-23
[86] 2009-07-08 (PCT/US2009/049974)
[87] (WO2010/006077)
[30] US (61/079,033) 2008-07-08

[11] **2,729,537**
[13] C
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR PERFORMING PREAMBLE ASSIGNMENT FOR RANDOM ACCESS IN A TELECOMMUNICATIONS SYSTEM**
[54] **PROCEDES ET APPAREILS POUR EFFECTUER UNE ATTRIBUTION DE PREAMBULE POUR UN ACCES ALEATOIRE DANS UN SYSTEME DE TELECOMMUNICATIONS**
[72] MEYER, MICHAEL, DE
[72] LINDSTROM, MAGNUS, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-12-24
[86] 2008-12-19 (PCT/SE2008/051534)
[87] (WO2010/002306)
[30] US (61/077,295) 2008-07-01

[11] **2,729,665**
[13] C
[51] **Int.Cl. G10L 19/038 (2013.01) G10L 19/087 (2013.01) G10L 19/26 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **VARIABLE BIT RATE LPC FILTER QUANTIZING AND INVERSE QUANTIZING DEVICE AND METHOD**
[54] **QUANTIFICATION DE FILTRE A CODAGE PREDICTIF LINEAIRE A DEBIT DE BITS VARIABLE ET DISPOSITIF ET PROCEDE DE QUANTIFICATION INVERSE**
[72] BESSETTE, BRUNO, CA
[72] GOURNAY, PHILIPPE, CA
[72] SALAMI, REDWAN, CA
[73] VOICEAGE CORPORATION, CA
[85] 2010-12-30
[86] 2009-07-10 (PCT/CA2009/000980)
[87] (WO2010/003253)
[30] US (61/129,669) 2008-07-10
[30] US (61/202,075) 2009-01-27

[11] **2,729,918**
[13] C
[51] **Int.Cl. A01N 59/16 (2006.01) A01N 25/02 (2006.01) A01N 25/22 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **CONCENTRATE FOR PREPARING A DISINFECTANT AND METHODS FOR ITS PREPARATION AND USE**
[54] **CONCENTRE DESTINE A PREPARER UN DESINFECTANT ET SES PROCEDES DE PREPARATION ET D'UTILISATION**
[72] GOMORI, JANOS, CH
[73] SANOSIL AG, CH
[85] 2011-01-05
[86] 2009-07-03 (PCT/CH2009/000234)
[87] (WO2010/003263)
[30] EP (08104720.1) 2008-07-11

[11] **2,730,481**
[13] C
[51] **Int.Cl. E21B 31/06 (2006.01) B08B 9/04 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL HAVING DEFORMABLE FASTENER**
[54] **OUTILS DE FOND DE PUITS COMPORTANT UN MECANISME DE FIXATION DEFORMABLE**
[72] TELFER, GEORGE, GB
[72] LINKLATER, JAMES, GB
[72] ATKINS, JAMES EDWARD, GB
[73] SPECIALISED PETROLEUM SERVICES GROUP LIMITED, GB
[85] 2011-01-11
[86] 2009-07-16 (PCT/GB2009/050865)
[87] (WO2010/007434)
[30] GB (0812955.3) 2008-07-16

[11] **2,730,520**
[13] C
[51] **Int.Cl. C22C 38/52 (2006.01) C21D 6/00 (2006.01) C21D 6/04 (2006.01) C22C 38/44 (2006.01)**
[25] FR
[54] **HARDENED MARTENSITIC STEEL HAVING A LOW COBALT CONTENT, PROCESS FOR MANUFACTURING A PART FROM THIS STEEL, AND PART THUS OBTAINED**
[54] **ACIER MARTENSITIQUE DURCI A TENEUR FAIBLE EN COBALT, PROCEDE DE FABRICATION D'UNE PIECE A PARTIR DE CET ACIER, ET PIECE AINSI OBTENUE**
[72] ROCH, FRANCOIS, FR
[73] AUBERT & DUVAL, FR
[85] 2011-01-11
[86] 2009-07-08 (PCT/FR2009/051351)
[87] (WO2010/007297)
[30] FR (0854810) 2008-07-15

[11] **2,730,851**
[13] C
[51] **Int.Cl. F23D 14/26 (2006.01) F23N 5/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR IGNITION AND FOR OPERATION OF BURNERS IN THE GASIFICATION OF FUELS THAT CONTAIN CARBON**
[54] **PROCEDE ET DISPOSITIF POUR ALLUMER ET FAIRE FONCTIONNER DES BRULEURS LORS DE LA GAZEIFICATION DE COMBUSTIBLES CONTENANT DU CARBONE**
[72] KUSKE, EBERHARD, DE
[72] KOWOLL, JOHANNES, DE
[72] WERNEKE, HUBERT, DE
[72] DZIOBEK, FRANK, DE
[73] THYSSENKRUPP UHDE GMBH, DE
[85] 2011-01-14
[86] 2009-07-07 (PCT/EP2009/004894)
[87] (WO2010/006723)
[30] DE (10 2008 033 096.5) 2008-07-15

[11] **2,730,995**
[13] C
[51] **Int.Cl. A61L 29/08 (2006.01) A61L 29/16 (2006.01) A61L 31/10 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **DRUG DELIVERY MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL D'ADMINISTRATION DE MEDICAMENT**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, DOUGLAS, US
[72] NEET, JOHN, US
[73] MICELL TECHNOLOGIES, INC., US
[85] 2011-01-17
[86] 2009-07-16 (PCT/US2009/050883)
[87] (WO2010/009335)
[30] US (61/081,691) 2008-07-17
[30] US (61/162,558) 2009-03-23
[30] US (61/212,964) 2009-04-17

[11] **2,731,046**
[13] C
[51] **Int.Cl. F01D 5/20 (2006.01)**
[25] FR
[54] **HOLLOW BLADE FOR TURBINE WHEEL COMPRISING RIBBING, ASSOCIATED WHEEL AND TURBOJET**
[54] **AUBE CREUSE DE ROUE DE TURBINE COMPORTANT UNE NERVURE, ROUE ET TURBOMACHINE ASSOCIEES**
[72] PONS, LORENZO, FR
[72] VIAL, LAURENCE, FR
[73] TURBOMECA, FR
[85] 2011-01-14
[86] 2009-07-21 (PCT/FR2009/051450)
[87] (WO2010/010284)
[30] FR (08 54935) 2008-07-21

[11] **2,731,123**
[13] C
[51] **Int.Cl. G01M 3/00 (2006.01)**
[25] EN
[54] **DETECTOR AND METHODS OF DETECTING**
[54] **DETECTEUR ET PROCEDES DE DETECTION**
[72] ROSE, DARREN MICHAEL, GB
[72] HURREY, ROGER THOMAS, GB
[73] ROSEMOUNT MEASUREMENT LIMITED, GB
[85] 2011-01-17
[86] 2009-07-16 (PCT/GB2009/050869)
[87] (WO2010/007435)
[30] GB (0813014.8) 2008-07-16

[11] **2,731,787**
[13] C
[51] **Int.Cl. B64C 9/02 (2006.01) B64C 9/04 (2006.01)**
[25] EN
[54] **CONTROL SURFACE OF AIRCRAFT**
[54] **SURFACE DE COMMANDE D'AERONEF**
[72] LLAMAS SANDIN, RAUL CARLOS, ES
[72] SANZ MARTINEZ, PABLO TIMOTEO, ES
[73] AIRBUS OPERATIONS, S.L., ES
[85] 2011-01-21
[86] 2009-07-15 (PCT/ES2009/070291)
[87] (WO2010/010217)
[30] ES (P200802197) 2008-07-23

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[11] **2,731,916**
[13] C
[51] **Int.Cl. H02B 15/00 (2006.01) G01R 31/00 (2006.01) G01R 31/06 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSET CONDITION MONITORING IN ELECTRIC POWER SUBSTATION EQUIPMENT**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE L'ETAT DE L'EQUIPEMENT D'UNE SOUS-STATION ELECTRIQUE**
[72] SPARLING, BRIAN DAVID, CA
[72] BEAUCHEMIN, CLAUDE, CA
[72] AUBIN, JACQUES, CA
[73] GENERAL ELECTRIC COMPANY, US
[86] (2731916)
[87] (2731916)
[22] 2011-02-17
[30] US (12/713,304) 2010-02-26

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[11] **2,732,098**
[13] C
[51] **Int.Cl. A23L 27/30 (2016.01) A23L 27/00 (2016.01) A23L 27/20 (2016.01) A23L 29/30 (2016.01) A23L 33/125 (2016.01) A23L 2/60 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING SWEETNESS ENHANCERS AND METHODS OF MAKING THEM**
[54] **COMPOSITIONS COMPRENANT DES EDULCORANTS ET LEURS PROCEDES DE PREPARATION**
[72] SHIGEMURA, RHONDI, US
[72] PODGURSKI, CAROLYN, US
[72] KITISIN, BORIRUCK, US
[72] WARD, JENNIFER, US
[72] ALATORRE, ANA, US
[72] LEBIEN, THITIWAN, US
[73] SENOMYX, INC., US
[85] 2011-01-26
[86] 2009-07-30 (PCT/US2009/052258)
[87] (WO2010/014813)
[30] US (61/085,228) 2008-07-31

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[11] **2,732,591**
[13] C
[51] **Int.Cl. C04B 14/30 (2006.01) B01J 35/00 (2006.01) B01J 37/03 (2006.01) C01G 23/00 (2006.01) C01G 23/047 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **PHOTOCATALYTIC COMPOSITES CONTAINING TITANIUM AND LIMESTONE**
[54] **COMPOSITES CATALYTIQUES CONTENANT DU TITANE ET DU CALCAIRE**
[72] ANCORA, RENATO, IT
[72] BORSA, MASSIMO, IT
[72] MARCHI, MAURIZIO ILER, IT
[73] ITALCEMENTI S.P.A., IT
[85] 2011-01-31
[86] 2009-07-31 (PCT/EP2009/005571)
[87] (WO2010/012488)
[30] IT (MI2008A001445) 2008-08-01

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[11] **2,732,785**
[13] C
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 38/18 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **PARENTERAL PHARMACEUTICAL COMPOSITION COMPRISING MICROSPHERES AND ACTIVE INGREDIENTS FOR TARGETING PARTICULAR TISSUE AND/OR/ORGAN**
[54] **COMPOSITION PHARMACEUTIQUE PARENTERALE CONTENANT DES MICROSPHERES ET DES INGREDIENTS ACTIFS POUR CIBLER DES TISSUS OU DES ORGANES PRECIS**
[72] NADAL GINARD, BERNARDO, ES
[73] CORETHERAPIX SLU, ES
[85] 2011-02-01
[86] 2009-08-05 (PCT/EP2009/060171)
[87] (WO2010/015665)
[30] GB (0814302.6) 2008-08-05

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[11] **2,733,473**
[13] C
[51] **Int.Cl. E21D 19/04 (2006.01) E21D 11/15 (2006.01) E21D 11/38 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LINING TUNNEL WALLS OR CEILINGS WITH PROTECTIVE NETS**
[54] **PROCEDE ET DISPOSITIF DE REVETEMENT DES PAROIS D'UN TUNNEL OU DU PLAFOND D'UN TUNNEL A L'AIDE DE FILETS DE PROTECTION**
[72] BROWN, SHANE, AU
[73] GEOBRUGG AG, CH
[73] ROCK ENGINEERING (AUST) PTY LTD., AU
[85] 2011-02-08
[86] 2009-07-24 (PCT/EP2009/005392)
[87] (WO2010/015339)
[30] AU (2008904072) 2008-08-08

[11] **2,733,501**
[13] C
[51] **Int.Cl. C09D 5/16 (2006.01) C08F 220/06 (2006.01) C08F 220/28 (2006.01) C08F 220/34 (2006.01) C08F 220/38 (2006.01) C08F 220/60 (2006.01)**
[25] EN
[54] **POLYMER WITH SALT GROUPS AND ANTIFOULING COATING COMPOSITION COMPRISING SAID POLYMER**
[54] **POLYMERE AVEC GROUPES DE SELS ET COMPOSITION DE REVETEMENT ANTIFOULING COMPRENANT LEDIT POLYMERE**
[72] FINNIE, ALISTAIR ANDREW, GB
[72] PRICE, CLAYTON, GB
[72] RAMSDEN, RICHARD MARK, GB
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2011-02-08
[86] 2009-08-10 (PCT/EP2009/060317)
[87] (WO2010/018144)
[30] EP (08162288.8) 2008-08-13
[30] US (61/091,813) 2008-08-26

[11] **2,733,679**
[13] C
[51] **Int.Cl. G10D 3/18 (2006.01)**
[25] EN
[54] **ADAPTER PIECE**
[54] **PIECE D'ADAPTATION**
[72] KORFER, BERENT, NL
[73] GUSTAV PIRAZZI & COMP. GMBH & CO. KG, GB
[85] 2011-02-09
[86] 2008-08-06 (PCT/EP2008/006450)
[87] (WO2009/021657)
[30] DE (10 2007 038 004.8) 2007-08-10

[11] **2,733,759**
[13] C
[51] **Int.Cl. C12G 3/06 (2006.01)**
[25] EN
[54] **STABILISED PARTICLES IN AN ALCOHOLIC BEVERAGE**
[54] **PARTICULES STABILISEES DANS UNE BOISSON ALCOOLISEE**
[72] VAN SCHAIJK, RIANNE MARIA ALLEGONDA HENDRIK, NL
[72] GERRITS, ANTONIUS JOHANNES MARIA, NL
[73] FRIESLANDCAMPINA NEDERLAND HOLDING B.V., NL
[85] 2011-02-10
[86] 2009-08-12 (PCT/NL2009/050489)
[87] (WO2010/019036)
[30] NL (2001885) 2008-08-13

[11] **2,734,940**
[13] C
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR ACQUIRING AND REPATRIATING SATELLITE DATA**
[54] **PROCEDE ET SYSTEME D'ACQUISITION ET RAPATRIEMENT DE DONNEES SATELLITAIRES**
[72] ANTIKIDIS, JEAN-PIERRE, FR
[72] FAVIER, JEAN-JACQUES, FR
[73] CENTRE NATIONAL D'ETUDES SPATIALES (C.N.E.S.), FR
[85] 2011-02-21
[86] 2009-08-20 (PCT/FR2009/051613)
[87] (WO2010/023396)
[30] FR (0804744) 2008-08-28

[11] **2,735,410**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/68 (2006.01) C09K 8/80 (2006.01) E21B 21/06 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **WELL TREATMENT FLUID COMPRISING PRODUCED WATER AND ZIRCONIUM**
[54] **FLUIDE DE TRAITEMENT DE PUITS RENFERMANT DE L'EAU PRODUITE ET DU ZIRCONIUM**
[72] LI, LEIMING, US
[72] LIN, LIJUN, US
[72] EZEOKONKWO, CHUCKS I., US
[72] BONEY, CURTIS L., US
[72] HOWARD, PAUL R., US
[72] QUINTERO, BAUDEL WILLIAM, US
[72] ELISEEVA, KSENIA, US
[72] SHENOY, SUDHIR, CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2011-02-25
[86] 2009-08-11 (PCT/IB2009/053544)
[87] (WO2010/023576)
[30] US (61/092,778) 2008-08-29
[30] US (12/410,160) 2009-03-24

[11] **2,735,735**
[13] C
[51] **Int.Cl. G01N 27/327 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) C40B 60/00 (2006.01) G01N 27/30 (2006.01) G01N 27/403 (2006.01) G01N 27/416 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **NANOSTRUCTURED MICROELECTRODES AND BIOSENSING DEVICES INCORPORATING THE SAME**
[54] **MICROELECTRODES NANOSTRUCTUREES ET DISPOSITIFS DE BIODETECTION LES COMPRENANT**
[72] TAFT, BRADFORD, US
[72] SOLEYMANI, LEYLA, CA
[72] FANG, ZHICHAO, CA
[72] SARGENT, EDWARD, CA
[72] KELLEY, SHANA, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2011-03-01
[86] 2009-09-01 (PCT/CA2009/001212)
[87] (WO2010/025547)
[30] US (61/093,667) 2008-09-02

[11] **2,736,515**
[13] C
[51] **Int.Cl. D21H 17/67 (2006.01) B41M 5/50 (2006.01) B41M 5/52 (2006.01) D21H 19/38 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF CALCIUM CARBONATES / PIGMENTS FOR PAPER FORMULATIONS, SHOWING PRINT THROUGH REDUCTION**
[54] **COMPOSITIONS DE PIGMENTS/CARBONATES DE CALCIUM POUR DES COMPOSITIONS DE PAPIER, PRESENTANT UNE EMPREINTE PAR REDUCTION**
[72] GANE, PATRICK ARTHUR CHARLES, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] LAUFMANN, MAXIMILIAN, CH
[72] POHL, MICHAEL, AT
[73] OMYA INTERNATIONAL AG, CH
[85] 2011-03-08
[86] 2009-09-08 (PCT/IB2009/006777)
[87] (WO2010/029403)
[30] EP (08015881.9) 2008-09-09

[11] **2,736,903**
[13] C
[51] **Int.Cl. H01L 31/0475 (2014.01) H02S 10/00 (2014.01) H02S 40/32 (2014.01) H01L 31/05 (2014.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR DIRECTLY GENERATING ALTERNATING CURRENT ELECTRICITY FROM PHOTOVOLTAIC CELLS**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE GENERATION DIRECTE D'ELECTRICITE EN COURANT ALTERNATIF A PARTIR DE CELLULES PHOTOVOLTAIQUES**
[72] OLIVER, JASON ALLEN, US
[73] OLIVER, JASON ALLEN, US
[85] 2011-03-10
[86] 2009-09-24 (PCT/US2009/058243)
[87] (WO2010/036811)
[30] US (61/194,114) 2008-09-24

[11] **2,736,923**
[13] C
[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/40 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **ATROPISOMERS OF (HYDROXYALKYL) PYRROLE DERIVATIVES**
[54] **ATROPOISOMERES DE DERIVES DE (HYDROXYALKYL)PYRROLE**
[72] NUSS, JOHN, US
[72] WILLIAMS, MATTHEW, US
[72] MOHAN, RAJU, US
[72] MARTIN, RICHARD, US
[72] WANG, TIE-LIN, US
[72] AOKI, KAZUMASA, JP
[72] TSURUOKA, HIROYUKI, JP
[72] HAYASHI, NORIYUKI, JP
[72] HOMMA, TSUYOSHI, JP
[73] EXELIXIS INC., US
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2011-03-10
[86] 2009-10-07 (PCT/US2009/059847)
[87] (WO2010/042622)
[30] US (61/103,715) 2008-10-08

[11] **2,736,930**
[13] C
[51] **Int.Cl. C07D 207/335 (2006.01) A61K 31/405 (2006.01) A61P 5/42 (2006.01) A61P 7/10 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **1-PHENYLPYRROLE COMPOUNDS**
[54] **COMPOSES 1-PHENYLPYRROLE**
[72] NUSS, JOHN, US
[72] WILLIAMS, MATTHEW, US
[72] MOHAN, RAJU, US
[72] MARTIN, RICHARD, US
[72] WANG, TIE-LIN, US
[72] TSURUOKA, HIROYUKI, JP
[72] AOKI, KAZUMASA, JP
[72] HONZUMI, MASATOSHI, JP
[72] ASOH, YUSUKE, JP
[72] SAITO, KEIJI, JP
[72] HOMMA, TSUYOSHI, JP
[73] EXELIXIS INC., US
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2011-03-10
[86] 2009-10-07 (PCT/US2009/059852)
[87] (WO2010/042626)
[30] US (61/103,804) 2008-10-08

[11] **2,737,156**
[13] C
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **A SURGICAL INSTRUMENT AND METHOD OF USE FOR CUTTING TISSUE**
[54] **INSTRUMENT CHIRURGICAL ET SON PROCEDE D'UTILISATION POUR UNE ABLATION TISSULAIRE**
[72] PALMER, ANDREW K., US
[72] DELLACQUA, DALE, US
[72] FARRIS, JEFFREY A., US
[73] DEL PALMA ORTHOPEDICS, LLC, US
[85] 2011-03-14
[86] 2009-09-11 (PCT/US2009/056653)
[87] (WO2010/030872)
[30] US (12/210,302) 2008-09-15

[11] **2,737,216**
[13] C
[51] **Int.Cl. E02B 9/08 (2006.01) F03B 13/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INSTALLING TIDAL BARRAGES**
[54] **PROCEDE ET APPAREIL POUR INSTALLER DES BARRAGES DE MAREES**
[72] ROBERTS, PETER MILES, GB
[73] VERDERG LIMITED, GB
[85] 2011-03-14
[86] 2009-09-02 (PCT/GB2009/051104)
[87] (WO2010/032026)
[30] GB (0816942.7) 2008-09-16

[11] **2,737,362**
[13] C
[51] **Int.Cl. B32B 38/04 (2006.01) B32B 5/32 (2006.01)**
[25] EN
[54] **LAMINATED PERFORATED ACOUSTICAL FOAM**
[54] **MOUSSE ACOUSTIQUE PERFOREE LAMINEE**
[72] KOENIG, JEAN-FRANCOIS, FR
[72] WILHELM, FERNAND, FR
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2011-03-15
[86] 2009-09-18 (PCT/US2009/057398)
[87] (WO2010/036562)
[30] US (61/100,830) 2008-09-29

[11] **2,737,375**
[13] C
[51] **Int.Cl. C08J 11/06 (2006.01) C08C 2/02 (2006.01) C08J 11/02 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF WATER AND SOLVENT-FREE POLYMERS**
[54] **PROCEDE POUR LA FABRICATION DE POLYMERES SANS EAU ET SANS SOLVANT**
[72] KIRCHHOFF, JOERG, DE
[72] BAECKER, WERNER, DE
[72] FELLER, ROLF, DE
[72] WAGNER, PAUL, DE
[72] LOVEGROVE, JOHN, CA
[72] PAUL, HANNS-INGOLF, DE
[73] LANXESS INTERNATIONAL SA, CH
[85] 2011-03-15
[86] 2009-09-17 (PCT/EP2009/062073)
[87] (WO2010/031823)
[30] EP (08105393.6) 2008-09-19

[11] **2,737,400**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 47/32 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATION 514**
[54] **FORMULATION PHARMACEUTIQUE**
[72] BECHTOLD, MICHAEL KARL, DE
[72] PACKHAEUSER, CLAUDIA BETTINA, DE
[72] CAHILL, JULIE KAY, GB
[72] FASTNACHT, KATJA MAREN, DE
[72] LIEPOLD, BERND HARALD, DE
[72] LENNON, KIERAN JAMES, GB
[72] STEITZ, BENEDIKT, DE
[73] ASTRAZENECA UK LIMITED, GB
[85] 2011-03-15
[86] 2009-10-05 (PCT/GB2009/051309)
[87] (WO2010/041051)
[30] US (61/103,347) 2008-10-07

[11] **2,737,686**
[13] C
[51] **Int.Cl. C09K 15/32 (2006.01) C07C 409/00 (2006.01) C09K 15/20 (2006.01) A01N 37/16 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **ENHANCED STABILITY PERACID COMPOSITIONS**
[54] **COMPOSITIONS DE PERACIDES A STABILITE AMELIOREE**
[72] MAN, VICTOR F., US
[72] LASCOTTE, KEITH G., US
[72] KILLEEN, YVONNE M., US
[72] LENTSCH, STEVEN E., US
[73] ECOLAB INC., US
[85] 2011-03-17
[86] 2009-10-27 (PCT/IB2009/054764)
[87] (WO2010/049892)
[30] US (12/262,935) 2008-10-31

[11] **2,738,333**
[13] C
[51] **Int.Cl. C10G 1/00 (2006.01) C10L 1/02 (2006.01) C12P 7/10 (2006.01)**
[25] EN
[54] **BIO-OIL PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION D'HUILE BIOLOGIQUE**
[72] HUMPHREYS, LEN, AU
[73] LICELLA PTY LTD, AU
[73] LICELLA FIBRE FUELS PTY LTD, AU
[73] IGNITE RESOURCES PTY LTD, AU
[85] 2011-03-24
[86] 2009-10-01 (PCT/AU2009/001312)
[87] (WO2010/037178)
[30] US (61/101,805) 2008-10-01

[11] **2,738,792**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **MULTIPLEX AMPLIFICATION AND DETECTION**
[54] **AMPLIFICATION ET DETECTION MULTIPLEX**
[72] FU, GUOLIANG, GB
[73] OXITEC LIMITED, GB
[85] 2011-03-28
[86] 2009-07-30 (PCT/GB2009/001897)
[87] (WO2010/013017)
[30] GB (0814002.2) 2008-07-31
[30] GB (0817706.5) 2008-09-26
[30] GB (0909333.7) 2009-06-01

[11] **2,739,242**
[13] C
[51] **Int.Cl. B01D 63/10 (2006.01)**
[25] EN
[54] **CENTRAL CORE ELEMENT FOR A SPIRALLY WOUND SEPARATOR ASSEMBLY**
[54] **ELEMENT D'AME CENTRALE POUR UN ENSEMBLE SEPARATEUR HELICOIDAL**
[72] BEAUCHAMP, PHILIP PAUL, US
[72] MARSCHKE, DEAN DAVID, US
[72] ERNO, DANIEL JASON, US
[72] CUEMAN, MICHAEL KENT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2011-03-31
[86] 2009-09-15 (PCT/US2009/056960)
[87] (WO2010/044971)
[30] US (61/106,219) 2008-10-17
[30] US (61/111,366) 2008-11-05
[30] US (12/327,828) 2008-12-04

[11] **2,739,354**
[13] C
[51] **Int.Cl. B65B 61/02 (2006.01)**
[25] EN
[54] **SHEET PACKAGING FILM SUPPLIED ON A REEL**
[54] **FILM D'EMBALLAGE DISTRIBUE SUR UN ROULEAU**
[72] HOFMAN, TORKILD, DK
[72] BJERRING, PAUL, DK
[73] BEANSTALK APS, DK
[85] 2011-04-01
[86] 2009-10-02 (PCT/DK2009/050259)
[87] (WO2010/037399)
[30] DK (PA 2008 01389) 2008-10-03

[11] **2,739,524**
[13] C
[51] **Int.Cl. A41B 11/02 (2006.01)**
[25] EN
[54] **COMPRESSION CLOTHING**
[54] **VETEMENT DE COMPRESSION**
[72] LAMBERTZ, BODO W., CH
[73] X-TECHNOLOGY SWISS GMBH, CH
[85] 2011-04-04
[86] 2009-10-26 (PCT/EP2009/007633)
[87] (WO2010/046130)
[30] DE (20 2008 014 202.4) 2008-10-24

[11] **2,739,673**
[13] C
[51] **Int.Cl. C07D 417/12 (2006.01) A61K 47/22 (2006.01) A61P 31/12 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **AMIDE COMPOUNDS AS BOOSTERS OF ANTIVIRALS**
[54] **COMPOSES AMIDES COMME STIMULANTS D'ANTIVIRAUX**
[72] JONCKERS, TIM HUGO MARIA, BE
[72] SCHEPENS, WIM BERT GRIET, BE
[72] HACHE, GEERWIN YVONNE PAUL, BE
[72] HALLENBERGER, BEATE SABINE, DE
[72] SASAKI, JENNIFER CHIYOMI, US
[72] BAUMEISTER, JUDITH EVA, BE
[72] VAN 'T KLOOSTER, GERBEN ALBERT ELEUTHERIUS, NL
[73] JANSSEN SCIENCES IRELAND UC, IE
[85] 2011-04-05
[86] 2009-10-07 (PCT/EP2009/062996)
[87] (WO2010/040762)
[30] EP (08166004.5) 2008-10-07

[11] **2,739,861**
[13] C
[51] **Int.Cl. A61F 2/04 (2013.01) A61B 17/11 (2006.01) A61F 2/06 (2013.01) A61L 27/00 (2006.01) A61M 39/10 (2006.01) A61F 5/44 (2006.01)**
[25] EN
[54] **IMPLANTABLE TISSUE CONNECTOR**
[54] **CONNECTEUR TISSULAIRE IMPLANTABLE**
[72] FORSELL, PETER, CH
[73] MILUX HOLDING S.A., LU
[85] 2011-04-07
[86] 2008-10-10 (PCT/EP2008/008586)
[87] (WO2009/046994)
[30] US (60/960,715) 2007-10-11
[30] US (60/960,716) 2007-10-11
[30] US (60/960,766) 2007-10-12
[30] US (60/960,764) 2007-10-12
[30] US (60/960,765) 2007-10-12
[30] US (60/960,767) 2007-10-12
[30] US (60/960,791) 2007-10-15

[11] **2,739,863**
[13] C
[51] **Int.Cl. A61B 17/11 (2006.01) A61B 5/03 (2006.01) A61B 5/07 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01) A61F 5/445 (2006.01) A61N 1/36 (2006.01) A61N 1/378 (2006.01)**
[25] EN
[54] **SYSTEM FOR TREATING A PATIENT HAVING AN INTESTINAL DISORDER**
[54] **SYSTEME PERMETTANT DE TRAITER UN PATIENT PRESENTANT UN TROUBLE INTESTINAL**
[72] FORSELL, PETER, CH
[73] MILUX HOLDING S.A., LU
[85] 2011-04-07
[86] 2008-10-10 (PCT/EP2008/008587)
[87] (WO2009/046995)
[30] US (60/960,715) 2007-10-11
[30] US (60/960,716) 2007-10-11
[30] US (60/960,766) 2007-10-12

[11] **2,740,496**
[13] C
[51] **Int.Cl. A61B 17/70 (2006.01)**
[25] FR
[54] **SPINAL OSTEOSYNTHESIS SYSTEM**
[54] **SYSTEME D'OSTEOSYNTHESE RACHIDIENNE**
[72] MILADI, LOTFI, FR
[73] EUROS, FR
[85] 2011-04-13
[86] 2009-10-23 (PCT/FR2009/001246)
[87] (WO2010/046571)
[30] FR (08/05881) 2008-10-23

[11] **2,741,086**
[13] C
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FACIAL NERVE STIMULATION**
[54] **SYSTEME ET METHODE DE STIMULATION NERVEUSE FACIALE**
[72] GUNTINAS-LICHIUS, ORLANDO, DE
[72] MULLER, ANDREAS, DE
[72] LINDENTHALER, WERNER, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2011-04-18
[86] 2009-10-21 (PCT/US2009/061441)
[87] (WO2010/048261)
[30] US (61/107,081) 2008-10-21

[11] **2,741,370**
[13] C
[51] **Int.Cl. E02D 17/20 (2006.01)**
[25] EN
[54] **CONNECTION DEVICE**
[54] **DISPOSITIF DE RACCORDEMENT**
[72] SENF, DANIEL F., US
[72] TIETJEN, KAI, DE
[72] SCHNEIDER, CORY, US
[72] HANDLOS, WILLIAM, US
[72] BACH, GARY M., US
[73] REYNOLDS PRESTO PRODUCTS INC., US
[85] 2011-04-20
[86] 2009-10-28 (PCT/US2009/062359)
[87] (WO2010/053783)
[30] US (12/268,084) 2008-11-10

[11] **2,741,377**
[13] C
[51] **Int.Cl. A61M 5/165 (2006.01) A61M 5/14 (2006.01) A61M 5/38 (2006.01) A61M 5/00 (2006.01) A61M 39/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR SUPPORT OF A MEMBRANE FILTER IN A MEDICAL INFUSION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR SUPPORTER UN FILTRE A MEMBRANE DANS UNE PERFUSION MEDICALE**
[72] BALESTRACCI, ERNEST, US
[73] BRACCO DIAGNOSTICS INC., US
[85] 2011-04-20
[86] 2009-11-10 (PCT/US2009/063788)
[87] (WO2010/059455)
[30] US (12/273,899) 2008-11-19

[11] **2,741,825**
[13] C
[51] **Int.Cl. C08K 9/04 (2006.01) C09C 1/04 (2006.01) C09C 1/10 (2006.01) C09C 1/14 (2006.01) C09C 1/40 (2006.01) C09C 3/08 (2006.01)**
[25] EN
[54] **SURFACE FUNCTIONALISED NANOPARTICLES**
[54] **NANOPARTICULES A SURFACE FONCTIONNALISEE**
[72] PICKETT, NIGEL, GB
[72] MCCAIRN, MARK CHRISTOPHER, GB
[72] DANIELS, STEVEN MATTHEW, GB
[72] MUSHTAQ, IMRANA, GB
[72] GLARVEY, PAUL, GB
[73] NANOCO TECHNOLOGIES LTD, GB
[85] 2011-04-27
[86] 2009-11-03 (PCT/GB2009/002605)
[87] (WO2010/052455)
[30] GB (0820101.4) 2008-11-04
[30] US (61/111093) 2008-11-04

[11] **2,741,912**
[13] C
[51] **Int.Cl. B02C 23/04 (2006.01) B02C 18/00 (2006.01) B02C 19/00 (2006.01)**
[25] EN
[54] **A MACERATOR**
[54] **MACERATEUR**
[72] PRIEST, MARTIN DOUGLAS, GB
[72] NEEDHAM, JOHN WILLIAM, GB
[72] SEWELL, DAVID JOHN, GB
[72] MCTAGGART, ANDREW, GB
[72] POCHIN, GREGORY JAMES, GB
[73] DDC DOLPHIN LIMITED, GB
[85] 2011-04-27
[86] 2008-11-06 (PCT/GB2008/003730)
[87] (WO2009/060187)
[30] GB (0721792.0) 2007-11-06

[11] **2,742,514**
[13] C
[51] **Int.Cl. B01J 29/18 (2006.01) C07C 51/12 (2006.01) C07C 67/37 (2006.01)**
[25] EN
[54] **CARBONYLATION PROCESS CATALYSED BY MORDENITE SUPPORTED ON INORGANIC OXIDES**
[54] **PROCEDE DE CARBONYLATION CATALYSE PAR DE LA MORDENITE SUPPORTEE SUR DES OXYDES INORGANIQUES**
[72] DITZEL, EVERT JAN, GB
[72] LAW, DAVID JOHN, GB
[72] SUNLEY, JOHN GLENN, GB
[73] BP CHEMICALS LIMITED, GB
[85] 2011-05-03
[86] 2009-10-08 (PCT/GB2009/002410)
[87] (WO2010/058149)
[30] EP (08253763.0) 2008-11-19

[11] **2,743,003**
[13] C
[51] **Int.Cl. C02F 1/38 (2006.01) B01D 21/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEWAGE GRIT REMOVAL**
[54] **METHODE ET APPAREIL D'ELIMINATION DES GRAVILLONS DANS LES EAUX USEES**
[72] ESSEMIANI, KARIM, US
[72] BELIVEAU, MARC, CA
[72] BRUNEAU, MICHEL, CA
[72] COUTURE, MARTIN, CA
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2011-05-06
[86] 2009-11-27 (PCT/CA2009/001746)
[87] (WO2010/063107)
[30] US (61/200,560) 2008-12-01

[11] **2,743,513**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04B 7/15 (2006.01)**
[25] EN
[54] **RELAY TECHNIQUES SUITABLE FOR USER EQUIPMENT IN DOWNLINK**
[54] **TECHNIQUES DE RELAIS ADEQUATES POUR UN EQUIPEMENT D'UTILISATEUR EN LIAISON DESCENDANTE**
[72] XU, HUA, CA
[72] MA, JIANGLEI, CA
[72] ZHANG, HANG, CA
[72] JIA, MING, CA
[72] ZHU, PEIYING, CA
[72] TEE, LAI KING, US
[72] LI, JUN, US
[73] APPLE INC., US
[85] 2011-05-11
[86] 2009-10-30 (PCT/US2009/005914)
[87] (WO2010/051033)
[30] US (61/109,679) 2008-10-30

[11] **2,744,792**
[13] C
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **PEAK LOAD OPTIMIZATION USING COMMUNICATING HVAC SYSTEMS**
[54] **OPTIMISATION DE LA CHARGE DE POINTE A L'AIDE DE SYSTEMES CVCA COMMUNIQUANTS**
[72] GROHMAN, WOJCIECH, US
[73] LENNOX INDUSTRIES INC., US
[86] (2744792)
[87] (2744792)
[22] 2011-06-29
[30] US (12/857,685) 2010-08-17

[11] **2,745,736**
[13] C
[51] **Int.Cl. C12N 15/62 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 7/01 (2006.01) C12N 15/00 (2006.01) C12N 15/24 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **IMMUNOTHERAPY AND IMPROVED VACCINES**
[54] **IMMUNOTHERAPIE ET VACCINS PERFECTIONNES**
[72] WEINER, DAVID B., US
[72] KIM, JONG J., US
[72] WANG, BIN, CN
[72] BOYER, JEAN D., US
[72] AYYAVOO, VELPANDI, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[86] (2745736)
[87] (2745736)
[22] 1997-10-23
[62] 2,269,074
[30] US (60/028,613) 1996-10-23

---

[11] **2,746,093**
[13] C
[51] **Int.Cl. H01M 8/04664 (2016.01) H01M 8/2404 (2016.01) H01M 8/247 (2016.01) G01M 3/22 (2006.01)**
[25] EN
[54] **METHOD FOR CHECKING THE SEAL OF A STACK OF FUEL CELLS**
[54] **PROCEDE DE CONTROLE DE L'ETANCHEITE D'UNE PILE DE CELLULES A COMBUSTIBLE**
[72] SEITZ, SANDRA, DE
[72] WIDT, RUDI, DE
[73] INFICON GMBH, DE
[85] 2011-06-07
[86] 2009-12-09 (PCT/EP2009/066753)
[87] (WO2010/066802)
[30] DE (10 2008 061 807.1) 2008-12-11

---

[11] **2,746,314**
[13] C
[51] **Int.Cl. E04F 13/076 (2006.01) E04B 2/08 (2006.01) E04F 21/02 (2006.01) F16S 1/02 (2006.01)**
[25] EN
[54] **CLADDING SYSTEM WITH EXPRESSED JOINT**
[54] **SYSTEME DE PAREMENT AVEC JOINT MARQUE**
[72] SOUTHWELL, DARREN, AU
[73] JAMES HARDIE TECHNOLOGY LIMITED, IE
[85] 2011-06-09
[86] 2009-12-04 (PCT/AU2009/001582)
[87] (WO2010/065987)
[30] AU (2008906360) 2008-12-09

---

[11] **2,746,560**
[13] C
[51] **Int.Cl. F24F 1/01 (2011.01) F24F 6/14 (2006.01) F24F 13/26 (2006.01)**
[25] EN
[54] **HUMIDIFYING APPARATUS**
[54] **APPAREIL HUMIDIFICATEUR**
[72] FITTON, NICHOLAS GERALD, GB
[72] SUTTON, JOHN SCOTT, GB
[72] GAMMACK, PETER DAVID, GB
[72] DYSON, JAMES, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[85] 2011-06-10
[86] 2010-02-18 (PCT/GB2010/050283)
[87] (WO2010/100462)
[30] GB (0903690.6) 2009-03-04
[30] GB (0915033.5) 2009-08-28

---

[11] **2,747,593**
[13] C
[51] **Int.Cl. H04W 40/22 (2009.01) H04W 72/04 (2009.01) H04W 72/08 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RELAY NODE SELECTION**
[54] **SYSTEME ET PROCEDE POUR LA SELECTION D'UN NOEUD RELAIS**
[72] WOMACK, JAMES, EARL, US
[72] YU, YI, US
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2011-06-17
[86] 2009-10-29 (PCT/US2009/062551)
[87] (WO2010/071711)
[30] US (12/340,418) 2008-12-19

---

[11] **2,748,298**
[13] C
[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **RESPIRATORY MASK**
[54] **MASQUE RESPIRATOIRE**
[72] OSIER, SAMUEL W., US
[72] DUQUETTE, STEVEN J., US
[72] MILLER, HAROLD E., US
[73] CAREFUSION 2200, INC., US
[85] 2011-06-23
[86] 2009-12-22 (PCT/US2009/069138)
[87] (WO2010/078144)
[30] US (12/346,044) 2008-12-30

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[11] **2,748,907**
[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/40 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **ENHANCED CARRIERS FOR THE DELIVERY OF MICROPARTICLES TO BODILY TISSUES AND FLUIDS**
[54] **SUPPORTS AMELIORES POUR LA DISTRIBUTION DE MICROPARTICULES A DES TISSUS ET FLUIDES CORPORELS**
[72] ANDERSON, RUSSELL, US
[73] ANDERSON, RUSSELL, US
[85] 2011-07-04
[86] 2010-01-03 (PCT/US2010/020003)
[87] (WO2010/078538)
[30] US (12/348,290) 2009-01-03

[11] **2,749,284**
[13] C
[51] **Int.Cl. G01V 11/00 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **ESTIMATING PETROPHYSICAL PARAMETERS AND INVASION PROFILE USING JOINT INDUCTION AND PRESSURE DATA INVERSION APPROACH**
[54] **ESTIMATION DE PARAMETRES PETROPHYSIQUES ET DE PROFIL D'INVASION AU MOYEN D'UNE APPROCHE D'INVERSION DE DONNEES DE PRESSION ET D'INDUCTION COMBINEE**
[72] LIANG, LIN, US
[72] ABUBAKAR, ARIA, US
[72] HABASHY, TAREK, US
[72] THAMBYNAYAGAM, MICHAEL, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2011-07-08
[86] 2010-01-15 (PCT/US2010/021161)
[87] (WO2010/083388)
[30] US (61/145,658) 2009-01-19

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[11] **2,749,644**
[13] C
[51] **Int.Cl. C02F 9/00 (2006.01) C02F 1/28 (2006.01) C02F 1/56 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING WATER BY BALLASTED FLOCCULATION AND SETTLEMENT, INCLUDING PRE-CONTACTING THE WATER WITH AN ADSORBENT**
[54] **PROCEDE DE TRAITEMENT DE L'EAU PAR FLOCULATION LESTEE ET DECANTATION, Y COMPRIS LE PRETRAITEMENT DE L'EAU PAR CONTACT AVEC UN ADSORBANT**
[72] SAUVIGNET, PHILIPPE, FR
[72] GAID, ABDELKADER, FR
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2011-07-13
[86] 2010-01-18 (PCT/EP2010/050533)
[87] (WO2010/086249)
[30] US (12/362,156) 2009-01-29

---

[11] **2,749,740**
[13] C
[51] **Int.Cl. A61C 3/06 (2006.01) A61C 7/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REMOVING ENAMEL FROM A PERSON'S TOOTH**
[54] **APPAREIL ET PROCEDE DE RETRAIT DE L'EMAIL D'UNE DENT D'UNE PERSONNE**
[72] NAVARRO, CARLOS F., US
[73] NAVARRO, CARLOS F., US
[85] 2011-07-14
[86] 2009-12-15 (PCT/US2009/068039)
[87] (WO2010/082997)
[30] US (12/354,107) 2009-01-15

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[11] **2,749,968**
[13] C
[51] **Int.Cl. B26D 5/32 (2006.01) B26D 5/06 (2006.01) B26D 5/34 (2006.01) B26D 7/06 (2006.01) B26D 7/26 (2006.01)**
[25] EN
[54] **D-CUT SLICER**
[54] **APPAREIL DE DECOUPE EN D**
[72] BRO, THOMAS, DK
[73] MAREL SALMON A/S, DK
[85] 2011-07-18
[86] 2010-02-03 (PCT/DK2010/050031)
[87] (WO2010/088913)
[30] DK (PA 2009 00166) 2009-02-04

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[11] **2,750,013**
[13] C
[51] **Int.Cl. F01N 3/025 (2006.01) F01N 3/035 (2006.01) F01N 3/20 (2006.01) F01N 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFICATION OF EXHAUST GAS FROM A DIESEL ENGINE**
[54] **PROCEDE DE PURIFICATION DE GAZ D'ECHAPPEMENT D'UN MOTEUR DIESEL**
[72] GEKAS, IOANNIS, SE
[72] JOHANSEN, KELD, DK
[73] HALDOR TOPSOEE A/S, DK
[85] 2011-07-19
[86] 2009-12-16 (PCT/EP2009/009017)
[87] (WO2010/094313)
[30] DK (PA 2009 00236) 2009-02-20

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[11] **2,750,226**
[13] C
[51] **Int.Cl. C10L 3/08 (2006.01) B01D 53/22 (2006.01) B01D 53/62 (2006.01) B01D 61/00 (2006.01) B01D 71/64 (2006.01)**
[25] EN
[54] **PROCESS FOR UPGRADING NATURAL GAS WITH IMPROVED MANAGEMENT OF CO2**
[54] **PROCEDE DE VALORISATION DE GAZ NATUREL AVEC GESTION DE CO2 AMELIOREE**
[72] CHINN, DANIEL, US
[72] OKEOWO, SIJI, US
[72] EUHUS, JEFF D., US
[72] HUSAIN, SHABBIR, US
[73] CHEVRON U.S.A. INC., US
[85] 2011-07-19
[86] 2010-01-27 (PCT/US2010/022228)
[87] (WO2010/088269)
[30] US (12/361,961) 2009-01-29

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[11] **2,750,704**
[13] C
[51] **Int.Cl. C07D 233/64 (2006.01) A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 9/10 (2006.01) A61P 43/00 (2006.01) C07D 405/04 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **PHENYLIMIDAZOLE COMPOUNDS**
[54] **COMPOSES DE PHENYLIMIDAZOLE**
[72] SHIBUTANI, TADAO, JP
[72] IWATA, KOUSHI, JP
[72] KIDO, SATOSHI, JP
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2011-07-25
[86] 2010-02-03 (PCT/JP2010/051469)
[87] (WO2010/090200)
[30] JP (2009-023793) 2009-02-04
[30] JP (2009-255980) 2009-11-09

[11] **2,750,838**
[13] C
[51] **Int.Cl. G01J 5/02 (2006.01) G01K 1/08 (2006.01) A61B 5/01 (2006.01)**
[25] EN
[54] **PROBE COVER WITH MATCHING FEATURE FOR A MEDICAL THERMOMETER**
[54] **CAPUCHON DE SONDE AVEC CARACTERISTIQUE D'APPARIEMENT POUR UN THERMOMETRE MEDICAL**
[72] FRADEN, JACOB, US
[73] HELEN OF TROY LIMITED, BB
[85] 2011-06-17
[86] 2009-12-24 (PCT/US2009/069528)
[87] (WO2010/078219)
[30] US (61/203,641) 2008-12-29

[11] **2,751,626**
[13] C
[51] **Int.Cl. C09D 5/00 (2006.01) G02B 1/18 (2015.01) C08J 3/28 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **SURFACE MODIFICATION OF HYDROPHOBIC AND/OR OLEOPHOBIC COATINGS**
[54] **MODIFICATION DE SURFACE DE REVETEMENTS HYDROPHOBES ET/OU OLEOPHOBES**
[72] SANTAN, PRASHANT, US
[72] TARLETON, NEWTON MICHAEL, US
[73] SIGNET ARMORLITE, INC., US
[85] 2011-08-05
[86] 2010-02-09 (PCT/US2010/000392)
[87] (WO2010/090772)
[30] US (12/322,930) 2009-02-09

[11] **2,751,712**
[13] C
[51] **Int.Cl. C12N 15/85 (2006.01) A61K 39/00 (2006.01) A61K 39/21 (2006.01) A61K 39/39 (2006.01) A61P 31/18 (2006.01) A61P 37/04 (2006.01) C07K 14/16 (2006.01) C07K 14/54 (2006.01) C12N 15/24 (2006.01) C12N 15/49 (2006.01) C12N 15/62 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **IMMUNOTHERAPY AND IMPROVED VACCINES**
[54] **IMMUNOTHERAPIE ET VACCINS PERFECTIONNES**
[72] WEINER, DAVID B., US
[72] KIM, JONG J., US
[72] WANG, BIN, US
[72] BOYER, JEAN D., US
[72] AYYAVOO, VELPANDI, US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[86] (2751712)
[87] (2751712)
[22] 1997-10-23
[62] 2,269,074
[30] US (60/028613) 1996-10-23

[11] **2,752,232**
[13] C
[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A COMPOSITION COMPRISING (-)-TRANS-3-(5,6-DIHYDRO-4H-PYRROLO [3,2,1-IJ] QUINOLIN-1-YL)-4-(1H-INDOL-3-YL) PYRROLIDINE-2, 5-DIONE IN COMBINATION WITH A SECOND ANTI-PROLIFERATIVE AGENT**
[54] **COMPOSITION COMPRENANT (-)-TRANS-3-(5,6-DIHYDRO-4H-PYRROLO [3,2,1-IJ] QUINOLIN-1-YL)-4-(1H-INDOL-3-YL) PYRROLIDINE-2, 5-DIONE EN COMBINAISON AVEC UN DEUXIEME AGENT ANTI-PROLIFERATIF**
[72] CHAN, THOMAS C. K., US
[72] FRANCE, DENNIS S., US
[72] ISHII, KENICHI, JP
[72] PUCCI, PAOLO, US
[73] ARQULE, INC., US
[73] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2011-08-11
[86] 2010-02-11 (PCT/US2010/023893)
[87] (WO2010/093789)
[30] US (61/152,138) 2009-02-12
[30] US (61/170,471) 2009-04-17

[11] **2,752,874**
[13] C
[51] **Int.Cl. B65D 88/14 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR REDUCING SHELF LOADS AND LOADS ON FREIGHT CONTAINERS**
[54] **DISPOSITIF DE REDUCTION DES CHARGES DE VERROUILLAGE ET DES CHARGES SUR LES CONTENEURS DE FRET**
[72] GLATZ, DIETMAR, DE
[72] KAULBARS, MARKUS, DE
[72] MEIER-NOE, ULRICH, DE
[72] MERKLINGER, ACHIM, DE
[72] MERZ, LUDGER, DE
[73] AIRBUS OPERATIONS GMBH, DE
[85] 2011-08-17
[86] 2010-02-23 (PCT/EP2010/052256)
[87] (WO2010/097378)
[30] DE (10 2009 010 860.2) 2009-02-27
[30] US (61/155,987) 2009-02-27

[11] **2,753,744**
[13] C
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 15/00 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **METHOD FOR WITHDRAWAL AND INSERTION OF A DRILL PIPE STRING IN A BOREHOLE AND ALSO A DEVICE FOR USE WHEN PRACTISING THE METHOD**
[54] **PROCEDE POUR LE RETRAIT ET L'INSERTION D'UN TRAIN DE TIGES DE FORAGE DANS UN TROU DE FORAGE, ET DISPOSITIF DESTINE A ETRE UTILISE LORS DE LA MISE EN □UVRE DU PROCEDE**
[72] KROHN, HELGE, NO
[72] GRINROD, MADS, NO
[73] WEST DRILLING PRODUCTS AS, NO
[85] 2011-08-25
[86] 2010-02-19 (PCT/NO2010/000065)
[87] (WO2010/098672)
[30] NO (20090898) 2009-02-26

[11] **2,754,707**
[13] C
[51] **Int.Cl. C11B 7/00 (2006.01) B01D 11/04 (2006.01) C11B 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING NEUTRAL AND POLAR LIPIDS AND AN OIL RICH IN POLAR LIPIDS**
[54] **PROCEDE DE SEPARATION DE LIPIDES NEUTRES ET POLAIRES ET D'UNE HUILE RICHE EN LIPIDES POLAIRES**
[72] HAERROED, MAGNUS, SE
[73] SWEDISH OAT FIBER AB, SE
[85] 2011-09-07
[86] 2010-03-10 (PCT/SE2010/000052)
[87] (WO2010/104444)
[30] SE (0900318-7) 2009-03-11
[30] US (61/159,181) 2009-03-11

[11] **2,755,082**
[13] C
[51] **Int.Cl. B60P 1/00 (2006.01) B60P 3/40 (2006.01) B62D 33/02 (2006.01) F16D 63/00 (2006.01)**
[25] EN
[54] **SLIDING PLATFORM WITH DUAL BRAKING**
[54] **PLATEFORME COULISSANTE A DOUBLE FREINAGE**
[72] BLUHM, JASON A., CA
[73] CARGO EASE INC., CA
[86] (2755082)
[87] (2755082)
[22] 2011-10-17

[11] **2,755,430**
[13] C
[51] **Int.Cl. D21D 5/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT, SYSTEM AND METHOD FOR TREATMENT OF CELLULOSE PULP**
[54] **AGENCEMENT, SYSTEME ET PROCEDE DE TRAITEMENT DE PATE A PAPIER**
[72] ENGELFELDT, ANDREAS, SE
[72] ERNERFELDT, BERTIL, SE
[72] LINDKVIST, DAVID, SE
[73] VALMET TECHNOLOGIES, INC., FI
[85] 2011-09-13
[86] 2010-03-09 (PCT/SE2010/050266)
[87] (WO2010/107369)
[30] SE (0900351-8) 2009-03-19

[11] **2,755,803**
[13] C
[51] **Int.Cl. B60S 1/48 (2006.01) F04F 10/00 (2006.01)**
[25] EN
[54] **WINDSHIELD WASHER FLUID SUPPLYING SYSTEM AND METHOD**
[54] **SYSTEME D'ALIMENTATION DE LAVE-GLACE ET PROCEDE ASSOCIE**
[72] LACOSTE, FRANCINE, CA
[72] PIGEON, MICHEL, CA
[73] LACOSTE, FRANCINE, CA
[73] PIGEON, MICHEL, CA
[85] 2011-09-16
[86] 2010-03-29 (PCT/CA2010/000476)
[87] (WO2010/108286)
[30] US (61/163,912) 2009-03-27

[11] **2,756,364**
[13] C
[51] **Int.Cl. B64C 19/00 (2006.01) B64C 25/50 (2006.01) B64F 1/00 (2006.01)**
[25] EN
[54] **STEERING METHOD FOR TAXIING AIRCRAFT**
[54] **METHODE DE DIRECTION POUR AERONEF ROULANT AU SOL**
[72] WESTERLUND, GARY L., US
[73] THE BOEING COMPANY, US
[86] (2756364)
[87] (2756364)
[22] 2011-10-26
[30] US (12/967,883) 2010-12-14

[11] **2,758,170**
[13] C
[51] **Int.Cl. H04W 16/24 (2009.01) H04W 64/00 (2009.01) H04J 11/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING POSITIONING REFERENCE SIGNAL IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL D'EMISSION D'UN SIGNAL DE REFERENCE DE POSITIONNEMENT DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] HAN, SEUNGHEE, KR
[72] LEE, DAEWON, KR
[72] KWON, YEONG HYEON, KR
[73] LG ELECTRONICS INC., KR
[85] 2011-10-06
[86] 2010-04-09 (PCT/KR2010/002201)
[87] (WO2010/117236)
[30] US (61/168,356) 2009-04-10
[30] US (61/173,607) 2009-04-29
[30] US (61/176,450) 2009-05-07
[30] KR (10-2010-0032290) 2010-04-08

[11] **2,759,017**
[13] C
[51] **Int.Cl. G01D 5/20 (2006.01)**
[25] EN
[54] **METHOD FOR INDUCTIVE GENERATING AN ELECTRICAL MEASUREMENT SIGNAL AND RELATED SENSOR DEVICE**
[54] **PROCEDE POUR GENERER UN SIGNAL DE MESURE ELECTRIQUE PAR INDUCTION, ET DISPOSITIF DE DETECTION CORRESPONDANT**
[72] REIME, GERD, DE
[73] REIME, GERD, DE
[85] 2011-10-17
[86] 2010-01-21 (PCT/EP2010/000339)
[87] (WO2010/084000)
[30] DE (10 2009 005 579.7) 2009-01-21
[30] DE (10 2009 009 061.4) 2009-02-16

[11] **2,759,091**
[13] C
[51] **Int.Cl. G06F 3/0485 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **LIST SCROLLING AND DOCUMENT TRANSLATION, SCALING, AND ROTATION ON A TOUCH-SCREEN DISPLAY**
[54] **DEFILEMENT DE LISTES, ET TRANSLATION, MISE A L'ECHELLE ET ROTATION DES DOCUMENTS SUR UN ECRAN TACTILE**
[72] ORDING, BAS, US
[73] APPLE INC., US
[86] (2759091)
[87] (2759091)
[22] 2008-01-04
[62] 2,658,177
[30] US (60/883,801) 2007-01-07
[30] US (60/879,253) 2007-01-07
[30] US (60/879,469) 2007-01-08
[30] US (60/945,858) 2007-06-22
[30] US (60/946,971) 2007-06-28
[30] US (60/937,993) 2007-06-29
[30] US (11/956,969) 2007-12-14

[11] **2,759,218**
[13] C
[51] **Int.Cl. B08B 3/02 (2006.01) B08B 9/04 (2006.01) B08B 9/093 (2006.01)**
[25] EN
[54] **AUTOMATED CLEANING SYSTEM AND METHOD FOR AN AIRCRAFT FUSELAGE INTERIOR**
[54] **SYSTEME ET METHODE DE NETTOYAGE AUTOMATIQUE D'UN INTERIEUR DE FUSELAGE D'AERONEF**
[72] TIFFANY, TODD S., US
[72] NETH, ROBERT, US
[73] THE BOEING COMPANY, US
[86] (2759218)
[87] (2759218)
[22] 2011-11-23
[30] US (12/970,264) 2010-12-16

[11] **2,760,729**
[13] C
[51] **Int.Cl. G06F 3/042 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **DISAMBIGUATING POINTERS BY IMAGING MULTIPLE TOUCH-INPUT ZONES**
[54] **DESAMBIGUISATION DE POINTEURS PAR LA FORMATION D'UNE IMAGE DE MULTIPLES ZONES D'ENTREE TACTILE**
[72] MORRISON, GERALD D., CA
[72] MCREYNOLDS, DANIEL PETER, CA
[72] CHTCHETININE, ALEX, CA
[72] MCGIBNEY, GRANT HOWARD, CA
[72] HOLMGREN, DAVID E., CA
[72] ZHOU, YE, CA
[72] KABADA, BRINDA, CA
[72] AL-ERYANI, SAMEH, CA
[72] ZHANG, YUN, CA
[73] SMART TECHNOLOGIES ULC, CA
[85] 2011-11-01
[86] 2010-07-12 (PCT/CA2010/001085)
[87] (WO2011/003205)
[30] US (12/501,088) 2009-07-10

[11] **2,761,427**
[13] C
[51] **Int.Cl. C07D 333/20 (2006.01) A61K 9/00 (2006.01) A61K 31/381 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL FORMULATION OF AT LEAST ONE ROTIGOTINE SALT AND USES THEREOF**
[54] **UNE FORMULATION PHARMACEUTIQUE D'AU MOINS UN SEL DE ROTIGOTINE ET SES UTILISATIONS**
[72] BOUWSTRA, J.A., NL
[72] ACKAERT, O.W.G.M.K., NL
[72] EIKELENBOOM, J., NL
[72] WOLFF, HANS-MICHAEL, DE
[73] UCB PHARMA GMBH, DE
[85] 2011-11-08
[86] 2010-06-24 (PCT/EP2010/003796)
[87] (WO2010/149363)
[30] EP (09008401.3) 2009-06-26

[11] **2,762,009**
[13] C
[51] **Int.Cl. A61K 31/202 (2006.01) A61P 3/10 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **USE OF PUFAS TO TREAT NERVE DAMAGE**
[54] **UTILISATION DE PUFAS POUR TRAITER UNE LESION A UN NERF**
[72] KELLIHER, ADAM, GB
[72] CAMERON, NORMAN, GB
[72] MORRISON, ANGUS, GB
[72] KNOWLES, PHIL, GB
[73] EQUATEQ LIMITED, GB
[85] 2011-11-15
[86] 2010-04-22 (PCT/GB2010/000817)
[87] (WO2010/125330)
[30] GB (0907601.9) 2009-05-01

[11] **2,762,551**
[13] C
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 9/38 (2006.01) A61K 38/28 (2006.01)**
[25] EN
[54] **CELL-PENETRATING PEPTIDES**
[54] **PEPTIDES A PERMEABILITE MEMBRANAIRE CELLULAIRE**
[72] MORISHITA, MARIKO, JP
[72] TAKAYAMA, KOZO, JP
[72] NISHIO, REIJI, JP
[72] IDA, NOBUO, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2011-11-17
[86] 2010-05-19 (PCT/JP2010/058420)
[87] (WO2010/134537)
[30] JP (2009-122096) 2009-05-20
[30] JP (2010-071774) 2010-03-26

[11] **2,763,148**
[13] C
[51] **Int.Cl. G06F 21/00 (2013.01) G06Q 10/06 (2012.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SECURE WORKFLOW AND DATA MANAGEMENT FACILITY**
[54] **INSTALLATION DE GESTION DE DONNEES ET DE FLUX DE TRAVAIL SECURISEE**
[72] WELLS, WILLIAM MCDOWALL, BB
[72] MARCUS, MICHAEL BERNARD, US
[73] EVIZONE IP HOLDINGS, LTD., VG
[85] 2011-11-21
[86] 2010-05-20 (PCT/US2010/035611)
[87] (WO2010/135551)
[30] US (61/179,735) 2009-05-20
[30] US (61/180,555) 2009-05-22

[11] **2,763,621**
[13] C
[51] **Int.Cl. C08J 5/24 (2006.01) C08L 79/08 (2006.01)**
[25] EN
[54] **PARTICLE-TOUGHENED FIBER-REINFORCED POLYMER COMPOSITES**
[54] **COMPOSITES POLYMERES RENFORCES PAR FIBRES, DURCIS PAR PARTICULES**
[72] BONNEAU, MARK RICHARD, US
[72] BOYD, JACK DOUGLAS, US
[72] EMMERSON, GORDON THOMAS, US
[72] LUCAS, SCOTT D., US
[72] HOWARD, STEPHEN JACOB, US
[72] JACOBS, SPENCER DONALD, US
[73] CYTEC TECHNOLOGY CORP., US
[85] 2011-11-25
[86] 2010-05-26 (PCT/US2010/036142)
[87] (WO2010/138546)
[30] US (61/182,002) 2009-05-28

[11] **2,763,790**
[13] C
[51] **Int.Cl. C12Q 1/24 (2006.01) C12M 1/34 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SPATIAL SEPARATION AND SCREENING OF CELLS**
[54] **COMPOSITIONS ET PROCEDES POUR UNE SEPARATION SPATIALE ET UN CRIBLAGE DE CELLULES**
[72] LOVE, J. CHRISTOPHER, US
[72] LOVE, KERRY, US
[73] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2011-11-29
[86] 2009-06-01 (PCT/US2009/003354)
[87] (WO2009/145925)
[30] US (61/057,371) 2008-05-30

[11] **2,763,811**
[13] C
[25] EN
[54] **METHOD OF RECONSTITUTING CELLULAR SPECTRA USEFUL FOR DETECTING CELLULAR DISORDERS**
[54] **PROCEDE DE RECONSTITUTION DE SPECTRES CELLULAIRES UTILES POUR DETECTER DES DESORDRES CELLULAIRES**
[72] DIEM, MAX, US
[72] MILJKOVIC, MILOS, US
[72] ROMEO, MELISSA, US
[72] BIRD, BENJAMIN, US
[72] SCHUBERT, JENNIFER, US
[72] PAPAMARKAKIS, KOSTAS, US
[73] NORTHEASTERN UNIVERSITY, US
[85] 2011-11-28
[86] 2009-05-29 (PCT/US2009/045681)
[87] (WO2009/146425)
[30] US (61/056,955) 2008-05-29

[11] **2,764,334**
[13] C
[51] **Int.Cl. F04B 43/04 (2006.01)**
[25] EN
[54] **PUMP WITH DISC-SHAPED CAVITY**
[54] **POMPE A CAVITE EN FORME DE DISQUE**
[72] BUCKLAND, JUSTIN RORKE, GB
[72] HATFIELD, STUART ANDREW, GB
[72] MCCRONE, JAMES EDWARD, GB
[72] JANSE VAN RENSBURG, RICHARD, GB
[73] THE TECHNOLOGY PARTNERSHIP PLC, GB
[85] 2011-12-02
[86] 2009-06-03 (PCT/GB2009/050615)
[87] (WO2010/139918)

[11] **2,764,393**
[13] C
[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **BISPECIFIC, TETRAVALENT ANTIGEN BINDING PROTEINS**
[54] **PROTEINES BISPECIFIQUES SE LIANT A UN ANTIGENE TETRAVALENT**
[72] IMHOF-JUNG, SABINE, DE
[72] KLEIN, CHRISTIAN, CH
[72] REGULA, JOERG THOMAS, DE
[72] SCHAEFER, WOLFGANG, DE
[72] SCHANZER, JUERGEN MICHAEL, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2011-12-02
[86] 2010-06-14 (PCT/EP2010/003560)
[87] (WO2010/145793)
[30] EP (09007966.6) 2009-06-18

[11] **2,764,524**
[13] C
[51] **Int.Cl. B32B 27/04 (2006.01) C08J 5/04 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN COMPOSITE MATERIALS**
[54] **AMELIORATIONS APPORTEES A DES MATERIAUX COMPOSITES**
[72] ELLIS, JOHN, GB
[72] FISSET, EMILIE, GB
[72] TILBROOK, DAVID, GB
[72] MACKENZIE, PAUL, GB
[73] HEXCEL COMPOSITES LIMITED, GB
[85] 2011-12-05
[86] 2010-06-25 (PCT/GB2010/051051)
[87] (WO2010/150021)
[30] GB (0911035.4) 2009-06-26

[11] **2,765,254**
[13] C
[51] **Int.Cl. G08G 1/16 (2006.01) G01S 5/00 (2006.01) G01S 5/14 (2006.01) G08G 1/123 (2006.01) G08G 9/02 (2006.01)**
[25] EN
[54] **MOVABLE OBJECT PROXIMITY WARNING SYSTEM**
[54] **SYSTEME D'AVERTISSEMENT DE PROXIMITE D'OBJET MOBILE**
[72] ROTHACHER, URS MARTIN, CH
[72] STEGMAIER, PETER ARNOLD, CH
[73] SAFEMINE AG, CH
[85] 2011-12-12
[86] 2009-06-12 (PCT/CH2009/000200)
[87] (WO2010/142046)

[11] **2,765,414**
[13] C
[51] **Int.Cl. A01N 59/06 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING AND/OR PREVENTING FIRE BLIGHT**
[54] **COMPOSITIONS ET PROCEDE DE PREVENTION ET DE TRAITEMENT DU FEU BACTERIEN**
[72] ABELE, ULF, DE
[72] SIEBENLIST, HANS, DE
[73] CHEVITA TIERARZNEIMITTEL GMBH, DE
[85] 2011-12-14
[86] 2010-07-09 (PCT/EP2010/004193)
[87] (WO2011/003620)
[30] DE (10 2009 032 895.5) 2009-07-10

[11] **2,765,582**
[13] C
[51] **Int.Cl. B30B 11/24 (2006.01) B30B 15/30 (2006.01) B30B 15/34 (2006.01) C10L 5/44 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING BRIQUETTES FROM COMMINUTED STRAW AND A DEVICE TO PRODUCE BRIQUETTES**
[54] **PROCEDE DE FABRICATION DE BRIQUETTES A PARTIR DE PAILLE BROYEE ET DISPOSITIF DE PRODUCTION DE BRIQUETTES**
[72] JUNCZYK, ADAM PIOTR, PL
[73] JUNCZYK, ADAM PIOTR, PL
[85] 2011-12-14
[86] 2010-06-18 (PCT/PL2010/000049)
[87] (WO2010/147493)
[30] PL (P-388314) 2009-06-18

[11] **2,766,186**
[13] C
[51] **Int.Cl. B28B 1/52 (2006.01) B27N 3/00 (2006.01) B27N 3/18 (2006.01) B28B 5/02 (2006.01) C04B 28/10 (2006.01) C04B 28/32 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING SHEETS FROM RENEWABLE RAW MATERIALS IN AN ENDLESS PROCESS AND A SHEET OF RENEWABLE RAW MATERIALS**
[54] **PROCEDE DE FABRICATION DE PLAQUES A BASE DE MATIERES PREMIERES RENOUVELABLES PAR LE PROCEDE CONTINU ET PLAQUE A BASE DE MATIERES PREMIERES RENOUVELABLES**
[72] LOSEHAND, CHRISTIAN, DE
[73] STROHLOS PRODUKTENTWICKLUNG KG, DE
[85] 2011-12-20
[86] 2009-07-06 (PCT/EP2009/058481)
[87] (WO2011/003436)

[11] **2,766,569**
[13] C
[51] **Int.Cl. G09F 3/02 (2006.01) B65D 23/14 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **IMPROVED CONTAINER LABELS**
[54] **ETIQUETTES DE CONTENANT AMELIOREES**
[72] NEWMAN, LINDA, US
[72] HAPP, VENUS, US
[72] HAPP, JIM, US
[72] MOULTON, TOM, US
[73] LABCON, NORTH AMERICA, US
[85] 2011-12-22
[86] 2010-06-22 (PCT/US2010/039452)
[87] (WO2010/151528)
[30] US (12/492,733) 2009-06-26

[11] **2,766,882**
[13] C
[51] **Int.Cl. C07D 215/36 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS AND COMPOSITIONS**
[54] **COMPOSES ET COMPOSITIONS THERAPEUTIQUES**
[72] SAUNDERS, JEFFREY O., US
[72] SALITURO, FRANCESCO G., US
[72] YAN, SHUNQI, US
[73] AGIOS PHARMACEUTICALS, INC., US
[85] 2011-12-28
[86] 2010-06-29 (PCT/US2010/040486)
[87] (WO2011/002817)
[30] US (61/221,430) 2009-06-29
[30] US (61/292,360) 2010-01-05

---

[11] **2,769,891**
[13] C
[51] **Int.Cl. B42D 25/405 (2014.01) B42D 25/346 (2014.01) B42D 25/378 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **SECURITY ELEMENTS AND METHODS OF MANUFACTURE**
[54] **ELEMENTS DE SECURITE ET PROCEDES DE FABRICATION**
[72] GREEN, STEPHEN BANISTER, GB
[73] DE LA RUE INTERNATIONAL LIMITED, GB
[85] 2012-02-01
[86] 2009-08-03 (PCT/GB2009/001909)
[87] (WO2011/015798)

---

[11] **2,770,580**
[13] C
[51] **Int.Cl. H03K 17/95 (2006.01) H01F 5/02 (2006.01)**
[25] EN
[54] **INDUCTIVE DISTANCE SENSOR**
[54] **CAPTEUR DE DISTANCE INDUCTIF**
[72] TRUNK, LOTHAR, DE
[72] HEITEFUSS, NORBERT, DE
[72] HOUP, ALAN LOWELL, DE
[73] DIEHL AEROSPACE GMBH, DE
[85] 2012-02-08
[86] 2010-08-12 (PCT/EP2010/004943)
[87] (WO2011/020580)
[30] DE (10 2009 037 808.1) 2009-08-18

---

[11] **2,770,834**
[13] C
[51] **Int.Cl. A61F 13/02 (2006.01) A61F 15/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR DRESSING APPLICATORS**
[54] **DISPOSITIFS ET PROCEDES POUR APPLICATEURS DE PANSEMENT**
[72] ZEPEDA, JOHN A., US
[72] JACKSON, JASPER, US
[72] FOLLMER, BRETT A., US
[72] DOUD, DARREN G., US
[72] BEASLEY, WILLIAM R., US
[72] YOCK, PAUL, US
[73] NEODYNE BIOSCIENCES, INC., US
[85] 2012-02-10
[86] 2010-08-11 (PCT/US2010/045239)
[87] (WO2011/019859)
[30] US (61/233,122) 2009-08-11
[30] US (61/243,020) 2009-09-16
[30] US (61/264,205) 2009-11-24

---

[11] **2,771,270**
[13] C
[51] **Int.Cl. B29C 73/10 (2006.01) B29C 73/24 (2006.01)**
[25] EN
[54] **BONDED PATCHES WITH BOND LINE CONTROL**
[54] **PIECES COLLEES AVEC CONTROLE DE LIGNE DE COLLAGE**
[72] BLANCHARD, STEVE, US
[72] AKDENIZ, AYDIN, US
[72] SPALDING, JOHN, US
[72] ANDERSON, DAVID M., US
[72] EVENS, MICHAEL W., US
[73] THE BOEING COMPANY, US
[85] 2012-02-15
[86] 2010-08-04 (PCT/US2010/044423)
[87] (WO2011/028355)
[30] US (12/554,554) 2009-09-04
[30] US (12/613,810) 2009-11-06

---

[11] **2,771,294**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/02 (2006.01)**
[25] EN
[54] **IMIDAZOLINE-BASED FOAMERS FOR DOWNHOLE INJECTION**
[54] **AGENTS MOUSSANTS A BASE D'IMIDAZOLINE DESTINES A L'INJECTION EN FOND DE TROU**
[72] NGUYEN, DUY T., US
[72] MEYER, G. RICHARD, US
[73] NALCO COMPANY, US
[85] 2012-02-15
[86] 2010-09-17 (PCT/US2010/049253)
[87] (WO2011/037832)
[30] US (12/565,433) 2009-09-23

---

[11] **2,771,481**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) H04L 9/32 (2006.01) H04L 12/28 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RE-COMMISSIONING A CONTROLLED DEVICE IN A HOME AREA NETWORK**
[54] **SYSTEMES ET PROCEDES POUR OPTIMISER UN DISPOSITIF COMMANDE DANS UN RESEAU DOMESTIQUE**
[72] NAGEL, PAUL E., US
[72] WEST, WILLIAM B., US
[73] CONTROL4 CORPORATION, US
[85] 2012-02-16
[86] 2010-08-18 (PCT/US2010/045918)
[87] (WO2011/022500)
[30] US (61/234,968) 2009-08-18
[30] US (12/858,231) 2010-08-17

[11] **2,771,717**
[13] C
[51] **Int.Cl. B67D 1/00 (2006.01) B67D 7/74 (2010.01) B67D 1/12 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING SYSTEM AND METHOD HAVING HEAD CAPABLE OF DISPENSING PLURAL DIFFERENT BEVERAGES**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE BOISSONS PRESENTANT UNE TETE CAPABLE DE DISTRIBUER DIFFERENTES BOISSONS**
[72] BETHUY, TIMOTHY W., US
[72] BLACK, WILLIAM J., US
[72] CAHILL, BRIAN T., US
[72] SCHILLING, RONALD D., US
[72] NEBBIA, FABIO, IT
[72] PERUCCA, GIOVANNI, IT
[72] NOVONTY, PAUL, US
[73] PEPSICO, INC., US
[86] (2771717)
[87] (2771717)
[22] 2005-05-18
[62] 2,566,463
[30] US (60/572,976) 2004-05-21
[30] US (11/118,535) 2005-04-29

[11] **2,771,995**
[13] C
[51] **Int.Cl. A61K 31/79 (2006.01) A61K 31/74 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **ADMINISTRATION OF AN ADBORBENT POLYMER FOR TREATMENT OF SYSTEMIC INFLAMMATION**
[54] **ADMINISTRATION D'UN POLYMERE ADSORBANT POUR LE TRAITEMENT D'UNE INFLAMMATION SYSTEMIQUE**
[72] KELLUM, JOHN A., US
[72] FINK, MITCHELL P., US
[73] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2012-02-23
[86] 2009-10-02 (PCT/US2009/059426)
[87] (WO2010/040086)
[30] US (61/102,052) 2008-10-02

[11] **2,772,692**
[13] C
[51] **Int.Cl. F28D 20/00 (2006.01) B65G 5/00 (2006.01) F17C 3/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR STORING THERMAL ENERGY**
[54] **AGENCEMENT ET PROCEDE DE STOCKAGE DE L'ENERGIE THERMIQUE**
[72] PILEBRO, HANS, SE
[72] ANDERSSON, HAKAN EG, SE
[73] SKANSKA SVERIGE AB, SE
[85] 2012-02-29
[86] 2010-07-12 (PCT/SE2010/050808)
[87] (WO2011/016768)
[30] SE (0950576-9) 2009-08-03

[11] **2,772,812**
[13] C
[51] **Int.Cl. B60N 2/005 (2006.01) B60D 1/52 (2006.01) B60R 9/06 (2006.01)**
[25] EN
[54] **ADD-ON VEHICLE SEATING ASSEMBLY**
[54] **ENSEMBLE SIEGE AMOVIBLE POUR VEHICULE**
[72] OTTA, GEORGE, CA
[73] TAILBREAKER CORP, CA
[86] (2772812)
[87] (2772812)
[22] 2012-03-23

[11] **2,773,127**
[13] C
[51] **Int.Cl. C25C 3/10 (2006.01)**
[25] EN
[54] **CATHODE SHELL STRUCTURE**
[54] **STRUCTURE D'ENVELOPPE DE CATHODE**
[72] EICK, INGO, DE
[72] KROSCHINSKI, DIRK, DE
[73] NORSK HYDRO ASA, NO
[85] 2012-03-02
[86] 2010-09-03 (PCT/NO2010/000327)
[87] (WO2011/028132)
[30] NO (20092968) 2009-09-07

[11] **2,773,333**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PRESERVE DIALOGS IN CLUSTERED ENVIRONMENTS IN CASE OF NODE FAILURE**
[54] **SYSTEME ET METHODE POUR PRESERVER LES DIALOGUES DANS DES ENVIRONNEMENTS DE GRAPPES EN CAS D'INCIDENT DE NOEUD**
[72] ROZINOV, BORIS, CA
[72] JOHN CHUAN, MEE TCHIN JANE, CA
[72] KRAMARENKO, VALENTINA IQOREVNA, CA
[72] PANG, SWEE TUAN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2773333)
[87] (2773333)
[22] 2012-04-05
[30] US (61/472,007) 2011-04-05
[30] US (61/472,525) 2011-04-06
[30] US (61/471,941) 2011-04-05
[30] US (61/471,952) 2011-04-05

[11] **2,773,677**
[13] C
[51] **Int.Cl. C25B 11/04 (2006.01)**
[25] EN
[54] **CATHODE FOR ELECTROLYTIC PROCESSES**
[54] **CATHODE POUR PROCEDES ELECTROLYTIQUES**
[72] ANTOZZI, ANTONIO LORENZO, IT
[72] BRICHESE, MARIANNA, IT
[72] CALDERARA, ALICE, IT
[73] INDUSTRIE DE NORA S.P.A., IT
[85] 2012-03-08
[86] 2010-10-07 (PCT/EP2010/064964)
[87] (WO2011/042484)
[30] IT (MI2009A001719) 2009-10-08

[11] **2,774,061**
[13] C
[51] **Int.Cl. G06F 9/445 (2006.01) H04M 1/60 (2006.01)**
[25] EN
[54] **CENTRALIZED MANAGEMENT OF MOTOR VEHICLE SOFTWARE APPLICATIONS AND SERVICES**
[54] **GESTION CENTRALISEE D'APPLICATIONS LOGICIELLES DE VEHICULE MOTORISE ET DE SERVICES**
[72] MOINZADEH, KAMYAR, US
[72] HONG, LEON L., US
[72] ZHAO, LEE, US
[73] AIRBIQUITY INC., US
[85] 2012-03-13
[86] 2010-10-13 (PCT/US2010/052493)
[87] (WO2011/047037)
[30] US (61/252,066) 2009-10-15
[30] US (61/260,781) 2009-11-12
[30] US (12/729,207) 2010-03-22

[11] **2,774,115**
[13] C
[51] **Int.Cl. F41A 23/24 (2006.01) F41A 27/28 (2006.01)**
[25] EN
[54] **MULTI-WEAPONS SYSTEM**
[54] **SYSTEME D'ARMEMENT MULTIPLE**
[72] KARAKOOKLY, YUVAL, IL
[73] ISRAEL MILITARY INDUSTRIES LTD., IL
[85] 2012-03-13
[86] 2010-09-16 (PCT/IL2010/000766)
[87] (WO2011/033514)
[30] IL (201051) 2009-09-17

[11] **2,774,838**
[13] C
[51] **Int.Cl. H01L 33/50 (2010.01) C09K 11/02 (2006.01) C09K 11/56 (2006.01) C09K 11/70 (2006.01) C09K 11/88 (2006.01)**
[25] EN
[54] **ENCAPSULATED SEMICONDUCTOR NANOPARTICLE - BASED MATERIALS COMPRISING AN ADDITIVE**
[54] **MATERIAUX A BASE DE NANOPARTICULES SEMI-CONDUCTRICES**
[72] PICKETT, NIGEL, GB
[72] NAASANI, IMAD, GB
[72] HARRIS, JAMES, GB
[73] NANOCO TECHNOLOGIES LTD, GB
[85] 2012-03-21
[86] 2010-09-21 (PCT/GB2010/001782)
[87] (WO2011/036446)
[30] GB (0916699.2) 2009-09-23
[30] US (61/246,287) 2009-09-28

[11] **2,775,465**
[13] C
[51] **Int.Cl. C12N 1/14 (2006.01) C07K 7/56 (2006.01) C12N 15/01 (2006.01) C12P 21/04 (2006.01)**
[25] EN
[54] **HIGH-YIELD ANTIBIOTICS PRODUCING FUNGUS STRAIN, PREPARATION METHOD AND USE THEREOF**
[54] **SOUCHE DE CHAMPIGNON PRODUCTRICE D'ANTIBIOTIQUES A RENDEMENT ELEVE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] XU, JING, CN
[72] CHEN, YI, CN
[72] JI, XIAOMING, CN
[72] GAO, XIAOLIANG, CN
[72] LIU, SHIDONG, CN
[72] ZHANG, ZHAOLI, CN
[73] SHANGHAI TECHWELL BIOPHARMACEUTICAL CO., LTD., CN
[85] 2012-03-26
[86] 2009-09-28 (PCT/CN2009/074271)
[87] (WO2011/035492)
[30] CN (200910196286.4) 2009-09-24

[11] **2,775,579**
[13] C
[51] **Int.Cl. D04H 3/04 (2012.01) D04H 3/14 (2012.01)**
[25] EN
[54] **OPEN MESH MATERIAL AND BAGS MADE THEREFROM**
[54] **MATERIAU A MAILLES OUVERTES ET SACS QUI EN SONT CONSTITUES**
[72] FREI, ROBERT, US
[72] HEFNER, CORBETT, US
[72] LANDERTSHAMER, FRIEDRICH, AT
[72] MUELLER, ALAN, US
[73] VOLM COMPANIES, INC., US
[85] 2012-03-27
[86] 2010-10-07 (PCT/US2010/051765)
[87] (WO2011/044324)
[30] US (61/250,299) 2009-10-09
[30] US (61/303,290) 2010-02-10
[30] US (61/305,003) 2010-02-16
[30] US (61/326,069) 2010-04-20

[11] **2,776,227**
[13] C
[51] **Int.Cl. H02G 1/00 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **CONDUCTOR COVER APPLICATOR**
[54] **APPLICATEUR DE COUVRE-CONDUCTEUR**
[72] NILES, MARTIN S., CA
[72] MORIN, LEO, CA
[72] YEATS, KEITH I., CA
[72] NISSEN, ROBERT A., CA
[73] CANTEGA TECHNOLOGIES INC., CA
[85] 2012-03-30
[86] 2010-10-13 (PCT/CA2010/001590)
[87] (WO2011/044678)
[30] CA (2,679,992) 2009-10-13
[30] US (61/285,304) 2009-12-10

[11] **2,776,490**
[13] C
[51] **Int.Cl. A47J 42/38 (2006.01) A47J 42/54 (2006.01)**
[25] EN
[54] **THERMALLY CONTROLLED COFFEE GRINDER**
[54] **MOULIN A CAFE A CONTROLE THERMIQUE**
[72] BRESCIANI, ROBERTO, US
[73] WHOLESALE MANUFACTURER REPRESENTATIVES INC., US
[86] (2776490)
[87] (2776490)
[22] 2012-05-08
[30] US (61/483,845) 2011-05-09
[30] US (13/411,488) 2012-03-02

[11] **2,777,209**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/551 (2006.01) A61K 31/5513 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07D 471/14 (2006.01) C07D 471/22 (2006.01) C07D 491/147 (2006.01) C07D 491/22 (2006.01)**
[25] EN
[54] **TRICYCLIC AND TETRACYCLIC SYSTEMS WITH ACTIVITY ON THE CENTRAL-NERVOUS AND VASCULAR SYSTEMS**
[54] **SYSTEMES TRICYCLIQUES ET TETRACYCLIQUES A ACTIVITE SUR LE SYSTEME NERVEUX CENTRAL ET VASCULAIRE**
[72] VERDECIA REYES, YAMILA, CU
[72] OCHOA RODRIGUEZ, ESTAEL, CU
[72] RUIZ REYES, ALBERTO, CU
[72] NUNEZ FIGUEREDO, YANIER, CU
[72] CARILLO DOMINGUEZ, CARMEN, CU
[72] TACORONTE MORALES, JUAN ENRIQUE, CU
[72] ALBA GUTIERREZ, LIVAN LAZARO, CU
[72] PARDO ANDREU, GILBERTO LAZARO, CU
[73] CENTRO DE INVESTIGACION Y DESARROLLO DE MEDICAMENTOS (CIDEM), CU
[73] LABORATORIO DE SINTESIS ORGANICA DE LA FACULTAD DE QUIMICA DE LA UNIVERSIDAD DE LA HABANA, CU
[85] 2012-04-10
[86] 2010-10-08 (PCT/CU2010/000004)
[87] (WO2011/041989)
[30] CU (PCT/CU2009/000172) 2009-10-09

[11] **2,778,038**
[13] C
[51] **Int.Cl. B60G 7/00 (2006.01)**
[25] EN
[54] **TWIST BEAM SUSPENSION WITH Y-BEAM CONTROL ARM**
[54] **SUSPENSION DE LONGERON DE TORSION AVEC UN BRAS DE COMMANDE DE LONGERON EN Y**
[72] KISELIS, GREGORY PAUL, US
[72] BROWN, MICHAEL ALWYN, US
[73] VOLVO GROUP NORTH AMERICA, LLC, US
[85] 2012-04-18
[86] 2009-10-30 (PCT/US2009/062726)
[87] (WO2011/053308)

[11] **2,778,110**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **PROVISIONING AND MANAGING REPLICATED DATA INSTANCES**
[54] **APPROVISIONNEMENT ET GESTION D'INSTANCES DES DONNEES REPLIQUEES**
[72] MCALISTER, GRANT ALEXANDER MACDONALD, US
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2012-04-18
[86] 2010-10-26 (PCT/US2010/054133)
[87] (WO2011/053592)
[30] US (12/606,093) 2009-10-26

[11] **2,778,406**
[13] C
[51] **Int.Cl. G06F 3/14 (2006.01) H04W 4/18 (2009.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **DIRECTIONAL NAVIGATION OF PAGE CONTENT**
[54] **NAVIGATION DIRECTIONNELLE DANS DU CONTENU DE PAGE**
[72] NEIL, TIMOTHY ALLEN, CA
[72] BLASHILL, JAMES ROGER, CA
[72] LI, LEI, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-04-20
[86] 2009-11-09 (PCT/CA2009/001613)
[87] (WO2011/054072)

[11] **2,780,037**
[13] C
[51] **Int.Cl. A61F 6/00 (2006.01) B65D 75/58 (2006.01)**
[25] FR
[54] **EMBALLAGE POUR PRESERVATIF**
[54] **CONDOM WRAPPING**
[72] DE WALEFFE, XAVIER, BE
[73] SWEETGUM SARL, LU
[85] 2012-05-04
[86] 2010-11-03 (PCT/EP2010/066755)
[87] (WO2011/057931)
[30] LU (91622) 2009-11-13

[11] **2,782,896**
[13] C
[51] **Int.Cl. H02J 3/18 (2006.01) H02M 1/32 (2007.01) H02J 3/36 (2006.01) H02J 7/34 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **A DC POWER SOURCE FOR A HIGH VOLTAGE POWER APPARATUS**
[54] **SOURCE D'ALIMENTATION CONTINUE POUR UN APPAREIL ELECTRIQUE A HAUTE TENSION**
[72] PAPASTERGIOU, KONSTANTINOS, SE
[72] HERMANSSON, WILLY, SE
[72] DEMETRIADES, GEORGIOS, SE
[73] ABB RESEARCH LTD, CH
[85] 2012-05-30
[86] 2009-12-10 (PCT/EP2009/066865)
[87] (WO2011/069553)

[11] **2,783,778**
[13] C
[51] **Int.Cl. B21D 47/00 (2006.01) B21D 53/92 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FABRICATING VARIABLE GAUGE, CONTOURED COMPOSITE STIFFENERS**
[54] **METHODE ET APPAREIL DE FABRICATION DE BANDES RIGIDES PROFILEES EN COMPOSITE DE CALIBRE VARIABLE**
[72] ROTTER, DANIEL M., US
[72] CHAPMAN, MICHAEL R., US
[72] COXON, BRAD A., US
[72] NELSON, PAUL E., US
[73] THE BOEING COMPANY, US
[86] (2783778)
[87] (2783778)
[22] 2012-07-25
[30] US (13/217,109) 2011-08-24

[11] **2,784,125**
[13] C
[51] **Int.Cl. H04L 29/12 (2006.01) H04B 1/401 (2015.01)**
[25] EN
[54] **ADDRESSABLE NODE UNIT AND METHOD FOR ADDRESSING**
[54] **UNITE NOEUD ADRESSABLE ET PROCEDE D'ADRESSAGE**
[72] TRAN, LUAN-VU, CH
[72] HAMMER, WALTER, CH
[73] RADICOS TECHNOLOGIES GMBH, AT
[85] 2012-06-12
[86] 2011-01-25 (PCT/IB2011/000108)
[87] (WO2011/095857)
[30] CH (00128/10) 2010-02-04

[11] **2,784,756**
[13] C
[51] **Int.Cl. C08G 59/40 (2006.01) C08G 65/08 (2006.01) C08G 75/23 (2006.01) C08L 63/00 (2006.01) C08L 81/06 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL ADDITIVES IN ENGINEERING THERMOPLASTICS**
[54] **ADDITIFS POLYVALENTS DESTINES A L'INDUSTRIE DES THERMOPLASTIQUES**
[72] MCGRAIL, PATRICK TERENCE, GB
[72] CROSS, PAUL MARK, GB
[72] PRICE, RICHARD THOMAS, US
[72] PONSOLLE, DOMINIQUE, US
[73] CYTEC TECHNOLOGY CORP., US
[85] 2012-06-15
[86] 2010-12-16 (PCT/US2010/060730)
[87] (WO2011/084583)
[30] US (61/287,632) 2009-12-17

[11] **2,785,169**
[13] C
[51] **Int.Cl. A01N 43/42 (2006.01) A01N 37/24 (2006.01) A01N 37/32 (2006.01) A01N 37/34 (2006.01) A01N 37/46 (2006.01) A01N 37/50 (2006.01) A01N 37/52 (2006.01) A01N 43/12 (2006.01) A01N 43/16 (2006.01) A01N 43/36 (2006.01) A01N 43/40 (2006.01) A01N 43/50 (2006.01) A01N 43/54 (2006.01) A01N 43/56 (2006.01) A01N 43/58 (2006.01) A01N 43/653 (2006.01) A01N 43/76 (2006.01) A01N 43/78 (2006.01) A01N 43/84 (2006.01) A01N 43/90 (2006.01) A01N 47/04 (2006.01) A01N 47/12 (2006.01) A01N 47/20 (2006.01) A01N 47/34 (2006.01) A01N 47/38 (2006.01) A01N 47/44 (2006.01) A01N 55/00 (2006.01) A01N 55/02 (2006.01) A01N 57/12 (2006.01) A01N 59/20 (2006.01) A01N 63/02 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PLANT DISEASE CONTROL COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASE BY APPLYING THE SAME**
[54] **COMPOSITION PERMETTANT DE LUTTER CONTRE DES MALADIES VEGETALES ET PROCEDE DE LUTTE CONTRE DES MALADIES VEGETALES PAR APPLICATION DE LA COMPOSITION**
[72] TAMAGAWA, YASUSHI, JP
[72] ISHIMOTO, HIROSHI, JP
[72] TAKAGI, MAYUMI, JP
[72] OHARA, TOSHIAKI, JP
[72] TANAKA, HARUKAZU, JP
[73] MITSUI CHEMICALS AGRO, INC., JP
[85] 2012-06-20
[86] 2009-12-22 (PCT/JP2009/071287)
[87] (WO2011/077514)

[11] **2,786,113**
[13] C
[51] **Int.Cl. E04B 1/343 (2006.01)**
[25] EN
[54] **MODULAR MANUFACTURING FACILITY AND METHOD**
[54] **INSTALLATION DE FABRICATION MODULAIRE ET PROCEDE**
[72] KILIBARDA, VELIBOR, US
[72] REID, DAVID, US
[72] REID, DAISY, US
[73] COMAU LLC, US
[85] 2012-06-29
[86] 2011-01-07 (PCT/US2011/020486)
[87] (WO2011/085175)
[30] US (61/293,017) 2010-01-07
[30] US (12/986,449) 2011-01-07

[11] **2,787,044**
[13] C
[51] **Int.Cl. G01V 8/16 (2006.01) E21B 47/00 (2012.01) G01V 8/10 (2006.01)**
[25] EN
[54] **IMPROVED EFPI SENSOR**
[54] **CAPTEUR EFPI AMELIORE**
[72] HOMA, DANIEL, US
[72] HARMAN, ROBERT, US
[72] CHILDERS, BROOKS, US
[72] BARRY, ALEXANDER, US
[72] LUCAS, BRIAN, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-07-10
[86] 2010-12-23 (PCT/US2010/062003)
[87] (WO2011/087875)
[30] US (61/294,240) 2010-01-12

[11] **2,789,294**
[13] C
[51] **Int.Cl. B60C 23/04 (2006.01)**
[25] EN
[54] **TYRE PRESSURE MONITORING I**
[54] **CONTROLE DE PRESSION DES PNEUS I**
[72] GREENWOOD, JEREMY, GB
[72] CLARKE, CHRIS, GB
[73] JAGUAR LAND ROVER LIMITED, GB
[85] 2012-08-08
[86] 2011-02-10 (PCT/EP2011/051983)
[87] (WO2011/098532)
[30] GB (1002120.2) 2010-02-10

[11] **2,789,892**
[13] C
[51] **Int.Cl. G05F 1/10 (2006.01) G05F 3/02 (2006.01)**
[25] EN
[54] **POWER SUPPLY IMPROVEMENTS**
[54] **AMELIORATIONS APPORTEES A UNE ALIMENTATION**
[72] FORNASARI, FRANK, AU
[72] WHITE, CLIVE STUART, AU
[73] ENSITECH IP PTY LTD, AU
[85] 2012-08-15
[86] 2011-02-16 (PCT/AU2011/000162)
[87] (WO2011/100791)
[30] AU (2010900626) 2010-02-16
[30] AU (2010903852) 2010-08-27

[11] **2,790,014**
[13] C
[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **FULLY HUMAN ANTI-VEGF MONOCLONAL ANTIBODY, PREPARATION METHOD AND USE THEREOF**
[54] **ANTICORPS MONOCLONAL TOTALEMENT HUMAIN DIRIGE CONTRE LE VEGF, PROCEDE DE PREPARATION ET APPLICATION ASSOCIES**
[72] WANG, SHUHUI, CN
[72] LI, CHUAN, CN
[72] KAN, YING, CN
[72] TONG, XIN, CN
[73] SHANGHAI BIOMABS PHARMACEUTICALS CO., LTD., CN
[85] 2012-08-15
[86] 2010-04-16 (PCT/CN2010/000513)
[87] (WO2011/103702)
[30] CN (201010125263.7) 2010-02-25

[11] **2,790,092**
[13] C
[51] **Int.Cl. F24D 3/00 (2006.01)**
[25] EN
[54] **ELECTRONICALLY CONTROLLED HOT WATER RECIRCULATION PUMP**
[54] **POMPE DE RECIRCULATION D'EAU CHAUDE A COMMANDE ELECTRONIQUE**
[72] GONZALEZ, CHRISTIAN, US
[72] KELLICKER, ROBERT, US
[72] MCNAMARA, MICHAEL E., US
[73] TACO, INC., US
[85] 2012-08-15
[86] 2011-02-17 (PCT/US2011/025322)
[87] (WO2011/103348)
[30] US (61/305,805) 2010-02-18

[11] **2,790,208**
[13] C
[51] **Int.Cl. G01V 3/18 (2006.01) E21B 43/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **REMOVING EFFECTS OF NEAR SURFACE GEOLOGY FROM SURFACE-TO-BOREHOLE ELECTROMAGNETIC DATA**
[54] **SUPPRESSION DES EFFETS DE GEOLOGIE DE SUB-SURFACE DES DONNEES ELECTROMA NETIQUES, DE SURFACE A PUITS DE FORAGE**
[72] WILT, MICHAEL, AE
[72] KRAMER, GARRETT, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2790208)
[87] (2790208)
[22] 2008-07-28
[62] 2,638,399
[30] US (11/836,978) 2007-08-10

[11] **2,791,006**
[13] C
[51] **Int.Cl. C12P 13/10 (2006.01)**
[25] EN
[54] **PROCESS OF PRODUCING ARGININE EMPLOYING CORYNEBACTERIUM GLUTAMICUM ATCC 21831 OR CORYNEBACTERIUM GLUTAMICUM ATCC 21493 IN A AFERMANTATION MEDIUM COMPRISING CASSAVA BAGASSE OR JACKFRUIT SEED AS A CARBON SOURCE**
[54] **PROCEDE DE PRODUCTION D'ARGININE UTILISANT CORYNEBACTERIUM GLUTAMICUM ATCC 21831 OU CORYNEBACTERIUM GLUTAMICUM ATCC 21493 DANS UN MILIEU DE FERMENTATION COMPRENANT DE LA BAGASSE DE MANIOC OU DES GRAINES DE JACQUIER COMME SOURCE DE CARBONE**
[72] PANDEY, ASHOK, IN
[72] NAMPOOTHIRI, MADHAVEN, IN
[72] SUBRAMANYAM, RAVI, US
[73] COLGATE-PALMOLIVE COMPANY, US
[73] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2012-08-24
[86] 2010-02-25 (PCT/US2010/025371)
[87] (WO2011/106002)

---

[11] **2,792,019**
[13] C
[51] **Int.Cl. A61L 31/04 (2006.01) A61L 33/04 (2006.01) A61M 1/16 (2006.01) A61L 2/08 (2006.01)**
[25] EN
[54] **MODIFIED BASE MATERIAL WITH BLOOD COMPATIBILITY**
[54] **MATERIAU DE BASE MODIFIE HEMOCOMPATIBLE**
[72] ARAKI, MIHO, JP
[72] UENO, YOSHIYUKI, JP
[72] SUGAYA, HIROYUKI, JP
[73] TORAY INDUSTRIES, INC., JP
[86] (2792019)
[87] (2792019)
[22] 2006-03-28
[62] 2,602,805
[30] JP (2005-094337) 2005-03-29

---

[11] **2,792,033**
[13] C
[51] **Int.Cl. A61F 5/00 (2006.01) A61M 13/00 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **ORAL MOUTHPIECE AND METHOD FOR USE THEREOF**
[54] **EMBOUT BUCCAL ET SA METHODE D'UTILISATION**
[72] MARTIN, RUTH E., CA
[72] NUTTALL, MICHAEL, CA
[72] FINLAY, BRYAN, CA
[72] THEURER, JULIE, CA
[72] COULTES, BRANDON, CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2012-09-04
[86] 2011-03-04 (PCT/IB2011/000450)
[87] (WO2011/107865)
[30] US (61/311,145) 2010-03-05
[30] US (61/417,041) 2010-11-24

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[11] **2,792,506**
[13] C
[51] **Int.Cl. G01N 33/569 (2006.01) G01N 33/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **HMGB1 AND ANTI-HMGB1 ANTIBODIES FOR THE PROGNOSTIC OF NEUROLOGICAL DISORDERS**
[54] **HMGB1 ET ANTICORPS ANTI-HMGB1 POUR LE PRONOSTIC DE TROUBLES NEUROLOGIQUES**
[72] GOUGEON, MARIE-LISE, FR
[72] POIRIER-BEAUDOIN, BEATRICE, FR
[72] SEFFER, VALERIE, FR
[72] SAIDI, HELA, FR
[73] INSTITUT PASTEUR, FR
[85] 2012-09-07
[86] 2011-03-10 (PCT/EP2011/053656)
[87] (WO2011/110650)
[30] EP (10290124.6) 2010-03-10

---

[11] **2,793,886**
[13] C
[51] **Int.Cl. H04W 16/14 (2009.01) H04W 4/06 (2009.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND APPRATUS FOR PROVIDING CONTEXT INFORMATION IN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **PROCEDES ET APPAREIL PERMETTANT LA FOURNITURE D'INFORMATIONS CONTEXTUELLES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] MUECK, MARKUS, DE
[72] SCHMIDT, ANDREAS, DE
[73] APPLE INC., US
[85] 2012-09-19
[86] 2011-04-12 (PCT/US2011/032170)
[87] (WO2011/133362)
[30] US (12/766,806) 2010-04-23

---

[11] **2,793,943**
[13] C
[51] **Int.Cl. B01D 21/00 (2006.01) B01D 21/24 (2006.01) B01D 21/26 (2006.01)**
[25] EN
[54] **A SEPARATOR FOR SEPARATING SOLIDS FROM AN INFLUENT**
[54] **SEPARATEUR POUR SEPARER SOLIDES D'INFLUENT**
[72] ANDOH, ROBERT YAW GYAMFI, US
[72] FINK, JEREMY, US
[72] FARAM, MICHAEL GUY, GB
[72] BARTER, PAUL STEPHEN, GB
[73] HYDRO INTERNATIONAL PLC, GB
[85] 2012-09-20
[86] 2011-03-22 (PCT/GB2011/050563)
[87] (WO2011/117620)
[30] US (12/728,924) 2010-03-22

[11] **2,794,014**
[13] C
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 43/08 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **EXPANDABLE SAND SCREEN AND METHOD FOR WELL CASING FOR THERMAL OIL RECOVERY**
[54] **FILTRE DE SABLE EXTENSIBLE ET METHODE POUR LE TUBAGE DE PUITS EN VUE DE LA RECUPERATION THERMIQUE DU PETROLE**
[72] IBATULLIN, RAVIL RUSTAMOVICH, RU
[72] ABDRAKHMANOV, GABDRASHIT SULTANOVICH, RU
[72] ZALYATOV, MARAT MARSOVICH, RU
[72] DMITRIEV, ANATOLY VALENTINOVICH, RU
[72] KHAMITIYANOV, NIGAMATYAN KHAMITOVICH, RU
[72] AKHMADISHIN, FARIT FOATOVICH, RU
[72] ILALOV, RUSTAM KHISAMOVICH, RU
[72] SABIROV, MARAT GAFUROVICH, RU
[72] FILIPPOV, VITALY PETROVICH, RU
[72] ISMAGILOV, MARAT AZATOVICH, RU
[73] OTKRYTOE AKTSIONERNOE OBSCHESTVO "TATNEFT" IM. V.D. SHASHINA, RU
[86] (2794014)
[87] (2794014)
[22] 2012-10-29
[30] RU (2011148404) 2011-11-28

---

[11] **2,794,098**
[13] C
[51] **Int.Cl. H05K 13/08 (2006.01) H05K 3/30 (2006.01) G01R 31/309 (2006.01)**
[25] EN
[54] **CAMERA SYSTEM FOR ALIGNING COMPONENTS OF A PCB**
[54] **SYSTEME DE CAMERA POUR ALIGNER LES COMPOSANTES D'UNE CARTE DE CIRCUITS IMPRIMES**
[72] NGUYEN, HOA DINH, US
[73] OK INTERNATIONAL INC., US
[86] (2794098)
[87] (2794098)
[22] 2012-10-31
[30] US (61/558,347) 2011-11-10
[30] US (13/655,016) 2012-10-18

---

[11] **2,794,936**
[13] C
[51] **Int.Cl. B05C 17/01 (2006.01) G06Q 30/00 (2012.01) H04L 12/28 (2006.01)**
[25] EN
[54] **REMOTELY CONTROLLED FLUID DISPENSER**
[54] **DISTRIBUTEUR DE FLUIDE A COMMANDE A DISTANCE**
[72] BEEBE, W. SCOTT, US
[73] FISHMAN CORPORATION, US
[85] 2012-09-28
[86] 2011-02-15 (PCT/US2011/000271)
[87] (WO2011/123167)
[30] US (12/751,380) 2010-03-31

---

[11] **2,795,072**
[13] C
[51] **Int.Cl. F03G 1/00 (2006.01) F03D 9/10 (2016.01) F03G 1/08 (2006.01) F16F 3/00 (2006.01) F16H 33/02 (2006.01)**
[25] EN
[54] **ENERGY STORING DEVICE IN WHICH ENERGY IS STORED THROUGH SPRING TORSION**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE DANS LEQUEL L'ENERGIE EST STOCKEE SOUS LA FORME D'UNE TORSION DE RESSORT**
[72] CHIO, CHUY-NAN, CN
[73] CHIO, CHUY-NAN, CN
[86] (2795072)
[87] (2795072)
[22] 2012-10-30
[30] TW (101120653) 2012-06-08

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[11] **2,796,110**
[13] C
[51] **Int.Cl. G08G 1/054 (2006.01) G07C 5/08 (2006.01) G08G 1/017 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING SPEED AND COORDINATES OF VEHICLES WITH SUBSEQUENT IDENTIFICATION THEREOF AND AUTOMATIC RECORDING OF TRAFFIC OFFENCES AND DEVICE FOR REALISING SAID METHOD**
[54] **METHODE DE DETERMINATION DE LA VITESSE ET DES COORDONNEES DE VEHICULES ET IDENTIFICATION SUBSEQUENTE DES VEHICULES ET ENREGISTREMENT AUTOMATIQUE DES CONTRAVENTIONS AU CODE DE LA ROUTE ET DISPOSITIF DE REALISATION DE LADITE METHODE**
[72] OSIPOV, SERGEY KONSTANTINOVICH, RU
[72] MALINKIN, ALEKSEY YURIEVICH, RU
[73] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTIYU "KORPORAZIJA "STROY INVEST PROEKT M", RU
[85] 2012-10-10
[86] 2010-02-08 (PCT/RU2010/000048)
[87] (WO2011/096840)

---

[11] **2,796,237**
[13] C
[51] **Int.Cl. G01V 11/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **FRACTURE ANALYSIS**
[54] **ANALYSE DE FRACTURES**
[72] RODNEY, PAUL F., US
[72] LEVIN, STEWART ARTHUR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2012-10-12
[86] 2010-04-27 (PCT/US2010/032565)
[87] (WO2011/136760)

[11] **2,798,102**
[13] C
[51] **Int.Cl. H01R 13/514 (2006.01) H01R 12/71 (2011.01) H01R 12/72 (2011.01) H01R 9/24 (2006.01)**
[25] EN
[54] **STACKABLE CLAMPING CARRIER ELEMENTS FOR FLAT ASSEMBLIES**
[54] **ELEMENTS PORTEURS PAR SERRAGE, EMPILABLES, POUR MODULES PLATS**
[72] GEITNER, MANUEL, DE
[72] HOLMER, WOLFGANG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2012-11-01
[86] 2011-03-30 (PCT/EP2011/054925)
[87] (WO2011/138092)
[30] DE (10 2010 019 020.9) 2010-05-03

---

[11] **2,798,537**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/44 (2006.01)**
[25] EN
[54] **REDUCED FOSSIL FUEL IN AN OXIDIZER DOWNSTREAM OF A BIOMASS FURNACE**
[54] **QUANTITE DE COMBUSTIBLE FOSSILE REDUITE DANS UN REACTEUR D'OXYDATION EN AVAL D'UN FOUR A BIOMASSE**
[72] CASH, JAMES T., US
[72] RUDOLPH, JEFFREY C., US
[73] MEGTEC SYSTEMS, INC., US
[85] 2012-11-05
[86] 2011-07-05 (PCT/US2011/042951)
[87] (WO2012/006280)
[30] US (61/362,084) 2010-07-07

---

[11] **2,799,507**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) H04W 80/10 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DIALOG ESTABLISHMENT OVER A PEER-TO-PEER ARCHITECTURE**
[54] **ETABLISSEMENT D'UN DIALOGUE SUR UNE ARCHITECTURE DE TYPE HOMOLOGUE**
[72] KRAMARENKO, VALENTINA IQOREVNA, CA
[72] PANG, SWEE TUAN, CA
[72] ROZINOV, BORIS, CA
[72] JOHN CHUAN, MEE TCHIN JANE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2799507)
[87] (2799507)
[22] 2012-12-21
[30] EP (11195362.6) 2011-12-22

---

[11] **2,799,575**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SOCIAL NETWORKING SYSTEM AND METHOD FOR AN ONLINE STATIONERY OR GREETING CARD SERVICE**
[54] **SYSTEME ET PROCEDE DE RESEAUTAGE SOCIAL POUR SERVICE D'ARTICLES DE PAPETERIE OU DE CARTES DE VOEUX EN LIGNE**
[72] BERGER, KELLY, US
[72] ASAR, ADNAN, US
[73] SHUTTERFLY, INC, US
[85] 2012-11-13
[86] 2011-05-12 (PCT/US2011/036280)
[87] (WO2011/143450)
[30] US (12/779,825) 2010-05-13
[30] US (12/859,094) 2010-08-18

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[11] **2,799,801**
[13] C
[51] **Int.Cl. E04F 13/08 (2006.01) E04C 2/26 (2006.01) E04F 13/21 (2006.01) E04F 13/26 (2006.01)**
[25] EN
[54] **BUILDING BLOCK AND CLADDING SYSTEM**
[54] **BLOC DE CONSTRUCTION ET SYSTEME DE BARDAGE**
[72] FIFIELD, JOHN, GB
[72] BROWNING, LEONARD, US
[73] OLDCASTLE APG, INC., US
[85] 2012-11-19
[86] 2010-05-21 (PCT/US2010/035739)
[87] (WO2010/135626)
[30] US (61/180,533) 2009-05-22
[30] GB (0922112.8) 2009-12-17

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[11] **2,799,892**
[13] C
[51] **Int.Cl. G10L 15/26 (2006.01) G10L 17/00 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL-TIME MULTIMEDIA REPORTING**
[54] **SYSTEME ET METHODE POUR RAPPORT MULTIMEDIA EN TEMPS REEL**
[72] JOHANSSON, LYNDA RUTH, CA
[73] STENOTRAN SERVICES INC., CA
[86] (2799892)
[87] (2799892)
[22] 2012-12-20

[11] **2,802,322**
[13] C
[51] **Int.Cl. G01N 25/12 (2006.01) B01L 3/00 (2006.01) G01N 1/22 (2006.01) G01N 25/66 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING THE PHASE ENVELOPE OF A GAS CONDENSATE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETERMINER L'ENVELOPPE DE PHASE D'UN CONDENSAT DE GAZ**
[72] MOSTOWFI, FARSHID, CA
[72] SINGH, ANIL, US
[72] RATULOWSKI, JOHN, CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2012-12-11
[86] 2011-06-07 (PCT/IB2011/052478)
[87] (WO2011/158151)
[30] US (12/815,304) 2010-06-14

[11] **2,802,834**
[13] C
[51] **Int.Cl. B65D 33/18 (2006.01) B32B 3/08 (2006.01) B32B 37/00 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **AN ADHESIVE CLAMP FOR CLOSING A BAG**
[54] **PINCE ADHESIVE PERMETTANT DE FERMER UN SAC**
[72] LINNEWIEL, RON, IL
[73] LINNEWIEL, RON, IL
[85] 2012-12-14
[86] 2010-06-13 (PCT/IB2010/052625)
[87] (WO2011/004271)
[30] US (61/223,426) 2009-07-07
[30] US (61/324,318) 2010-04-15

[11] **2,803,852**
[13] C
[51] **Int.Cl. B64C 25/50 (2006.01) B62D 6/00 (2006.01)**
[25] FR
[54] **DIRECTION CONTROL MANAGEMENT PROCESS FOR AN ADJUSTABLE PART OF AIRCRAFT LANDING GEAR**
[54] **PROCEDE DE GESTION D'UNE COMMANDE D'ORIENTATION D'UNE PARTIE ORIENTABLE D'UN ATTERRISSEUR D'AERONEF**
[72] BENMOUSSA, MICHAEL, FR
[72] POIRET, DAVID, FR
[72] FRAVAL, JEROME, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2803852)
[87] (2803852)
[22] 2013-01-25
[30] FR (1251094) 2012-02-06

[11] **2,806,157**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/26 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR LIVER CANCER THERAPY**
[54] **METHODES ET COMPOSITIONS POUR UNE THERAPIE CONTRE LE CANCER DU FOIE**
[72] HOUHOU, LEILA, FR
[72] DUME, ANNE-SOPHIE, FR
[72] JOUBERT, DOMINIQUE, FR
[72] HOLLANDE, FREDERIC, FR
[73] LES LABORATOIRES SERVIER, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2013-01-21
[86] 2011-07-22 (PCT/EP2011/062686)
[87] (WO2012/013609)
[30] US (61/367,851) 2010-07-26
[30] US (61/476,204) 2011-04-15

[11] **2,806,229**
[13] C
[51] **Int.Cl. A47B 61/00 (2006.01) A47B 47/04 (2006.01) A47B 61/06 (2006.01)**
[25] EN
[54] **PORTABLE STORAGE APPARATUS**
[54] **APPAREIL DE STOCKAGE PORTATIF**
[72] KAGRAMANYAN, NORIK, US
[73] KAGRAMANYAN, NORIK, US
[86] (2806229)
[87] (2806229)
[22] 2013-02-04
[30] US (61/696,741) 2012-09-04
[30] US (13/726,601) 2012-12-25

[11] **2,807,204**
[13] C
[51] **Int.Cl. G05B 19/401 (2006.01)**
[25] EN
[54] **DEVICE FOR ERROR CORRECTION FOR CNC MACHINES**
[54] **DISPOSITIF DE CORRECTION D'ERREUR POUR MACHINES COMMANDEES PAR ORDINATEUR**
[72] MORFINO, GIUSEPPE, IT
[72] MIGNANI, AUGUSTO, IT
[73] FIDIA S.P.A., IT
[86] (2807204)
[87] (2807204)
[22] 2013-02-25
[30] EP (12163426.5) 2012-04-05

[11] **2,808,966**
[13] C
[51] **Int.Cl. F16M 11/06 (2006.01) F24F 13/32 (2006.01)**
[25] EN
[54] **LOCKING SWIVEL SUPPORT APPARATUS**
[54] **SUPPORT ROTATIF VERROUILLABLE**
[72] CROWLEY, WILLIAM J., US
[72] JOHNSON, KYLE R., US
[73] QUICK-SLING, LLC, US
[86] (2808966)
[87] (2808966)
[22] 2013-03-12
[30] US (61/610,331) 2012-03-13

[11] **2,809,260**
[13] C
[51] **Int.Cl. C08J 9/00 (2006.01) C08J 9/24 (2006.01) C08K 7/00 (2006.01)**
[25] EN
[54] **CELLULAR FOAM ADDITIVE**
[54] **ADDITIF DE MOUSSE CELLULAIRE**
[72] JOHNSON, WILLIAM L., SR., US
[73] ECOPURO, LLC, US
[85] 2013-02-22
[86] 2011-08-24 (PCT/US2011/049022)
[87] (WO2012/027510)
[30] US (61/376,607) 2010-08-24
[30] US (61/392,558) 2010-10-13
[30] US (13/181,476) 2011-07-12

[11] **2,810,493**
[13] C
[51] **Int.Cl. C22C 38/14 (2006.01) C21D 8/04 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/12 (2006.01) C23C 2/06 (2006.01) C23C 2/28 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **HIGH STRENGTH GALVANIZED STEEL SHEET HAVING EXCELLENT DEEP DRAWABILITY AND STRETCH FLANGEABILITY AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE D'ACIER A HAUTE RESISTANCE, GALVANISEE A CHAUD, SE PRETANT PARTICULIEREMENT BIEN A L'EMBOUTISSAGE PROFOND ET AU BORDAGE PAR ETIREMENT, ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] KIMURA, HIDEYUKI, JP
[72] OKUDA, KANEHARU, JP
[72] SUGIHARA, REIKO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-03-05
[86] 2011-09-15 (PCT/JP2011/071756)
[87] (WO2012/043420)
[30] JP (2010-218922) 2010-09-29
[30] JP (2011-163818) 2011-07-27

[11] **2,811,489**
[13] C
[51] **Int.Cl. C21D 9/46 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C25F 1/06 (2006.01) C21D 1/26 (2006.01)**
[25] EN
[54] **HIGH STRENGTH STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE D'ACIER A HAUTE RESISTANCE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] FUSHIWAKI, YUSUKE, JP
[72] SUZUKI, YOSHITSUGU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-03-15
[86] 2010-09-30 (PCT/JP2010/067612)
[87] (WO2012/042677)

[11] **2,811,920**
[13] C
[51] **Int.Cl. F16L 55/17 (2006.01) B29C 73/10 (2006.01) F16L 55/18 (2006.01) F16L 58/04 (2006.01) F16L 58/16 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR STRENGTHENING FLUID SYSTEM COMPONENTS USING RADIATION-CURABLE COMPOSITES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT DE RENFORCER DES COMPOSANTS D'UN CIRCUIT DE FLUIDS PAR L'UTILISATION DE COMPOSITES DURCISSABLES PAR IRRADIATION**
[72] LAZZARA, CHRISTOPHER J., US
[72] BICERANO, JOZEF, US
[73] NEPTUNE RESEARCH, INC., US
[85] 2013-03-20
[86] 2011-09-21 (PCT/US2011/052472)
[87] (WO2012/040276)
[30] US (61/386,065) 2010-09-24

[11] **2,813,228**
[13] C
[51] **Int.Cl. F04C 2/356 (2006.01) F04C 13/00 (2006.01) F04C 14/28 (2006.01)**
[25] EN
[54] **ROTARY DISPLACEMENT PUMP FOR PUMPING SOLIDS EMULSIONS, ESPECIALLY LIQUID EXPLOSIVES**
[54] **POMPE VOLUMETRIQUE ROTATIVE POUR LE POMPAGE D'EMULSIONS DE MATIERES SOLIDES, EN PARTICULIER D'EXPLOSIFS LIQUIDES**
[72] FROMM, ULRICH, DE
[72] WILL, SVEN-ERIC, DE
[73] WATSON-MARLOW GMBH, DE
[85] 2013-03-08
[86] 2010-09-15 (PCT/EP2010/063572)
[87] (WO2012/034592)

[11] **2,813,762**
[13] C
[51] **Int.Cl. H02G 3/08 (2006.01) F16L 5/00 (2006.01) H01R 13/52 (2006.01) H02G 3/22 (2006.01)**
[25] EN
[54] **LIFT AND PIVOT GROMMET**
[54] **FILLET A LEVAGE ET PIVOTEMENT**
[72] DRANE, MARK R., US
[72] DINH, CONG T., US
[72] NORWOOD, BOBBY N., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2813762)
[87] (2813762)
[22] 2013-04-23
[30] US (61/665,483) 2012-06-28
[30] US (13/783,443) 2013-03-04

[11] **2,813,952**
[13] C
[51] **Int.Cl. B64C 27/615 (2006.01) B64C 13/24 (2006.01) F16H 21/02 (2006.01) F16H 21/44 (2006.01) F16H 21/54 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACTIVELY MANIPULATING AERODYNAMIC SURFACES**
[54] **PROCEDE ET APPAREIL POUR LA MANIPULATION ACTIVE DE SURFACES AERODYNAMIQUES**
[72] SCHANK, TROY C., US
[72] KINTZINGER, PETER H., US
[72] SHERRILL, PAUL B., US
[72] PARHAM, THOMAS, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2013-04-05
[86] 2010-11-01 (PCT/US2010/054910)
[87] (WO2012/060806)

[11] **2,814,825**
[13] C
[51] **Int.Cl. A61B 5/0488 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING SEIZURES**
[54] **PROCEDE ET APPAREIL DE DETECTION DE CRISE EPILEPTIQUE**
[72] LEININGER, JAMES R., US
[72] HERRING, RUSSELL M., US
[72] GIROUARD, MICHAEL R., US
[72] CAVAZOS, JOSE E., US
[73] BRAIN SENTINEL, INC., US
[85] 2013-04-15
[86] 2011-10-17 (PCT/US2011/056601)
[87] (WO2012/051628)
[30] US (61/393,747) 2010-10-15

[11] **2,815,063**
[13] C
[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/5377 (2006.01) A61P 7/02 (2006.01) C07D 265/32 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF RIVAROXABAN AND INTERMEDIATES THEREOF**
[54] **PROCEDES DE PREPARATION DE RIVAROXABAN ET SES INTERMEDIAIRES**
[72] BODHURI, PRABHUDAS, CA
[72] WEERATUNGA, GAMINI, CA
[73] APOTEX PHARMACHEM INC., CA
[85] 2013-04-18
[86] 2010-10-18 (PCT/CA2010/001640)
[87] (WO2012/051692)

[11] **2,815,203**
[13] C
[51] **Int.Cl. C08L 75/04 (2006.01) C08J 3/20 (2006.01) C08K 3/00 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **FLEXIBLE, LOW TEMPERATURE, FILLED COMPOSITE MATERIAL COMPOSITIONS, COATINGS, AND METHODS**
[54] **COMPOSITIONS DE MATIERE COMPOSITE FLEXIBLE, BASSE TEMPERATURE ET REMPLIE ET REVETEMENTS ET PROCEDES ASSOCIES**
[72] SHARP, RICHARD E., US
[72] NOWAK, ANDREW P., US
[72] ZHOU, CHAOYIN, US
[73] THE BOEING COMPANY, US
[86] (2815203)
[87] (2815203)
[22] 2013-05-02
[30] US (13/492,861) 2012-06-09

[11] **2,815,238**
[13] C
[51] **Int.Cl. G06Q 50/02 (2012.01) B65G 61/00 (2006.01)**
[25] EN
[54] **MANAGEMENT SYSTEM OF MINING MACHINE AND MANAGEMENT METHOD OF MINING MACHINE**
[54] **SYSTEME DE GESTION POUR MACHINE DE MINE ET PROCEDE DE GESTION POUR MACHINE DE MINE**
[72] UEDA, TAKAHIRO, JP
[72] HORI, KOUTAROU, JP
[72] TANINAGA, TADASHI, JP
[72] FUKASU, HISATAKA, JP
[72] ITOI, TAKASHI, JP
[73] KOMATSU LTD., JP
[85] 2013-03-19
[86] 2012-09-12 (PCT/JP2012/073370)
[87] (WO2013/069370)
[30] JP (2011-248058) 2011-11-11

[11] **2,815,689**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **IMPROVED HIGH CONCENTRATION ANTI-TNF.ALPHA. ANTIBODY LIQUID FORMULATIONS**
[54] **FORMULATION LIQUIDE D'ANTICORPS ANTI-TNF.ALPHA. HAUTEMENT CONCENTREE AMELIOREE**
[72] NEU, MICHAEL, DE
[72] TSCHOEPE, MARKUS, DE
[72] WEBER, CARSTEN, DE
[72] REDDEN, LAURA, US
[72] FRAUNHOFER, WOLFGANG, US
[72] GASTENS, MARTIN, DE
[72] FEICK, ALEXANDER, CH
[72] PAULSON, SUSAN K., US
[72] ZHU, TONG, US
[73] ABBVIE BIOTECHNOLOGY LTD., BM
[85] 2013-04-23
[86] 2011-11-11 (PCT/US2011/060388)
[87] (WO2012/065072)
[30] US (61/412,728) 2010-11-11
[30] US (61/413,960) 2010-11-15

[11] **2,816,867**
[13] C
[51] **Int.Cl. B65D 63/16 (2006.01) B65D 67/02 (2006.01) F16B 2/08 (2006.01) F16G 11/10 (2006.01) F16L 3/137 (2006.01) F16L 33/03 (2006.01)**
[25] EN
[54] **ANTI-SLIP CABLE TIE**
[54] **ATTACHE DE CABLE ANTIGLISSEMENT**
[72] DINH, CONG T., US
[72] COLE, ANDREW C., US
[72] DRANE, MARK R., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2816867)
[87] (2816867)
[22] 2013-05-22
[30] US (61/659,620) 2012-06-14
[30] US (13/796,715) 2013-03-12

[11] **2,818,111**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **CO2 COLLECTION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE COLLECTE DE CO2**
[72] DICENZO, ANTHONY M., US
[72] BRUSCHI, JOSEPH P., US
[72] PARLETT, JAMES G., US
[72] GALASSO, DOUGLAS A., US
[72] CROOKS, TAB HUNTER, US
[73] THE BOEING COMPANY, US
[86] (2818111)
[87] (2818111)
[22] 2012-08-20
[30] US (13/220,261) 2011-08-29

[11] **2,818,112**
[13] C
[51] **Int.Cl. B01D 35/02 (2006.01)**
[25] EN
[54] **CROSS-FLOW FILTRATION WITH TURBULENCE AND BACK-FLUSHING ACTION FOR USE WITH ONLINE CHEMICAL MONITORS**
[54] **FILTRATION A FLUX TANGENTIEL AVEC UNE ACTION DE TURBULENCE ET DE RETRO-LAVAGE, DESTINEE A ETRE UTILISEE AVEC DES DISPOSITIFS DE CONTROLE CHIMIQUE EN LIGNE**
[72] BYALSKIY, MIKHAIL, US
[72] LINK, BRIAN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2013-05-15
[86] 2011-10-20 (PCT/US2011/057031)
[87] (WO2012/074616)
[30] US (12/956,315) 2010-11-30

[11] **2,818,926**
[13] C
[51] **Int.Cl. C21D 8/12 (2006.01) C22C 38/00 (2006.01) C22C 38/04 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING GRAIN ORIENTED ELECTRICAL STEEL SHEET**
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE D'ACIER ELECTROMAGNETIQUE DIRECTIONNELLE**
[72] OMURA, TAKESHI, JP
[72] KIJIMA, GOU, JP
[72] WATANABE, MAKOTO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-05-23
[86] 2011-11-25 (PCT/JP2011/006576)
[87] (WO2012/070249)
[30] JP (2010-264091) 2010-11-26
[30] JP (2011-193236) 2011-09-05

[11] **2,821,359**
[13] C
[51] **Int.Cl. G09F 13/00 (2006.01)**
[25] EN
[54] **DISPLAY APPARATUS**
[54] **APPAREIL D'AFFICHAGE**
[72] ELLIOTT, MARK, CA
[72] MURRAY, ROBERT, CA
[72] KISIEL, RYSZARD, CA
[73] ELLIOTT, MARK, CA
[85] 2013-06-12
[86] 2012-10-24 (PCT/CA2012/000982)
[87] (WO2013/059918)
[30] US (61/550,862) 2011-10-24

[11] **2,821,843**
[13] C
[51] **Int.Cl. E03C 1/29 (2006.01) E03C 1/28 (2006.01) E03F 5/04 (2006.01)**
[25] EN
[54] **IN-LINE WATER TRAP**
[54] **SIPHON EN LIGNE**
[72] SUTHERLAND, DION GRANT, ZA
[73] AMPHICOM INVESTMENTS CC, ZA
[85] 2013-06-14
[86] 2012-01-04 (PCT/IB2012/050032)
[87] (WO2012/093357)
[30] ZA (2011/00126) 2011-01-05

[11] **2,822,946**
[13] C
[51] **Int.Cl. G03B 37/02 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR GENERATING COMPOSITE IMAGES**
[54] **PROCEDES ET APPAREIL D'ELABORATION D'IMAGES COMPOSITES**
[72] LOWE, DAVID, CA
[72] CLARK, GEOFFREY, CA
[72] BROWN, MATTHEW, GB
[72] BEIS, JEFFREY, US
[73] GOOGLE INC., US
[86] (2822946)
[87] (2822946)
[22] 2013-08-01

[11] **2,823,224**
[13] C
[51] **Int.Cl. F01D 17/16 (2006.01)**
[25] EN
[54] **VARIABLE VANE FOR GAS TURBINE ENGINE**
[54] **AUBE VARIABLE POUR MOTEUR A TURBINE A GAZ**
[72] RESS, ROBERT A. JR., US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2013-06-26
[86] 2011-12-30 (PCT/US2011/068061)
[87] (WO2012/092543)
[30] US (61/428,768) 2010-12-30

[11] **2,823,273**
[13] C
[51] **Int.Cl. G01C 15/00 (2006.01)**
[25] EN
[54] **MEASURING APPLIANCE COMPRISING AN AUTOMATIC REPRESENTATION-CHANGING FUNCTIONALITY**
[54] **APPAREIL DE MESURE A FONCTIONNALITE DE CHANGEMENT DE REPRESENTATION AUTOMATIQUE**
[72] SCHORR, CHRISTIAN, CH
[72] SCHROEDER, FRANK, CH
[72] KOCH, ROMY, CH
[72] GIGER, KURT, CH
[73] LEICA GEOSYSTEMS AG, CH
[85] 2013-06-27
[86] 2012-01-10 (PCT/EP2012/050301)
[87] (WO2012/095416)
[30] EP (11150978.2) 2011-01-14

[11] **2,824,121**
[13] C
[51] **Int.Cl. A61D 1/02 (2006.01) A61D 7/00 (2006.01) A61M 5/19 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TREATING A TEAT CANAL OF AN ANIMAL**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DU CANAL DU TRAYON D'UN ANIMAL**
[72] HALLAHAN, STEPHEN, IE
[72] MCHARDY, NICHOLAS, IE
[72] SMITH, BRENDAN, IE
[72] VAN VESSEM, LOUIS, NL
[73] BIMEDA RESEARCH & DEVELOPMENT LIMITED, IE
[86] (2824121)
[87] (2824121)
[22] 2005-02-02
[62] 2,554,717
[30] US (60/540,336) 2004-02-02
[30] IE (2004/0364) 2004-05-24

[11] **2,824,653**
[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **METHOD FOR RESOURCE ALLOCATION, METHOD FOR CHANNEL STATE INFORMATION TRANSMISSION, BASE STATION AND USER EQUIPMENT**
[54] **PROCEDE D'ATTRIBUTION DE RESSOURCES, PROCEDE DE TRANSMISSION D'INFORMATION D'ETAT DE CANAL, STATION DE BASE ET EQUIPEMENT UTILISATEUR**
[72] WANG, YI, CN
[72] ZHOU, HUA, CN
[72] WU, JIANMING, CN
[73] FUJITSU LIMITED, JP
[85] 2013-06-21
[86] 2010-12-22 (PCT/CN2010/080111)
[87] (WO2012/083530)

[11] **2,825,956**
[13] C
[51] **Int.Cl. C22C 38/44 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01) G21C 13/087 (2006.01)**
[25] EN
[54] **FORGED STEEL AND WELDED STRUCTURE FOR COMPONENTS FOR NUCLEAR POWER PLANTS**
[54] **MATERIAU EN ACIER FORGE ET STRUCTURE SOUDEE DESTINES A DES DISPOSITIFS DE PRODUCTION DE PUISSANCE NUCLEAIRE**
[72] TAKAOKA, HIROYUKI, JP
[72] FUJITSUNA, NOBUYUKI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2013-07-24
[86] 2012-02-24 (PCT/JP2012/054620)
[87] (WO2012/115240)
[30] JP (2011-038074) 2011-02-24
[30] JP (2012-018488) 2012-01-31

[11] **2,826,237**
[13] C
[51] **Int.Cl. A61N 7/02 (2006.01)**
[25] EN
[54] **SUB-APERTURE CONTROL IN HIGH INTENSITY FOCUSED ULTRASOUND**
[54] **COMMANDE DE SOUS-OUVERTURE DANS DES ULTRASONS FOCALISES DE HAUTE INTENSITE**
[72] ZENG, XIAOZHENG, US
[72] SEKINS, KEVIN MICHAEL, US
[72] BARNES, STEPHEN, US
[73] SIEMENS MEDICAL SOLUTIONS USA, INC., US
[73] SIEMENS CORPORATION, US
[85] 2013-07-31
[86] 2012-02-10 (PCT/US2012/024603)
[87] (WO2012/134645)
[30] US (13/024,574) 2011-02-10

[11] **2,826,343**
[13] C
[51] **Int.Cl. H04N 21/231 (2011.01) H04N 21/433 (2011.01) H04N 21/472 (2011.01) H04N 21/6587 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR RESUMING PAUSED MEDIA**
[54] **PROCEDES ET APPAREILS POUR REPRENDRE UN CONTENU MULTIMEDIA MIS EN PAUSE**
[72] LINDQUIST, JAN-ERIK, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-08-01
[86] 2011-09-05 (PCT/SE2011/051067)
[87] (WO2012/118420)
[30] US (61/447,943) 2011-03-01

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[11] **2,826,452**
[13] C
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 31/00 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CARDIOVASCULAR DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES CARDIOVASCULAIRES**
[72] BANNISTER, ROBIN MARK, GB
[72] BREW, JOHN, GB
[72] DILLY, SUZANNE JANE, GB
[72] STOLOFF, GREGORY ALAN, GB
[72] CAPARROS-WANDERLEY, WILSON, GB
[73] INFIRST HEALTHCARE LIMITED, GB
[85] 2013-08-02
[86] 2012-02-03 (PCT/GB2012/050241)
[87] (WO2012/104654)
[30] GB (1101937.9) 2011-02-04
[30] GB (1113729.6) 2011-08-10
[30] GB (1113728.8) 2011-08-10
[30] GB (1113730.4) 2011-08-10
[30] GB (PCT/GB2011/052115) 2011-10-31

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[11] **2,826,737**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 3/12 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPTICAL COHERENCE TOMOGRAPHY**
[54] **APPAREIL ET PROCEDE DE TOMOGRAPHIE PAR COHERENCE OPTIQUE**
[72] DONITZKY, CHRISTOF, DE
[72] VOGLER, KLAUS, DE
[72] WUELLNER, CHRISTIAN, DE
[72] GORSCHBOTH, CLAUDIA, DE
[72] MROCHEN, MICHAEL, CH
[73] WAVELIGHT GMBH, DE
[85] 2013-08-07
[86] 2011-02-15 (PCT/EP2011/000712)
[87] (WO2012/110052)

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[11] **2,826,981**
[13] C
[51] **Int.Cl. G01S 19/25 (2010.01) G01S 19/10 (2010.01) G01V 1/24 (2006.01)**
[25] EN
[54] **A SEISMIC MEASURING SYSTEM INCLUDING GPS RECEIVERS**
[54] **SYSTEME DE MESURE SISMIQUE COMPRENANT DES RECEPTEURS GPS**
[72] FENTON, PATRICK C., CA
[73] NOVATEL INC., CA
[86] (2826981)
[87] (2826981)
[22] 2004-07-16
[62] 2,532,627
[30] US (60/488,124) 2003-07-17
[30] US (10/891,800) 2004-07-15

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[11] **2,827,028**
[13] C
[51] **Int.Cl. G02F 2/02 (2006.01) H04B 10/516 (2013.01) H04B 10/532 (2013.01) G02B 6/26 (2006.01) H04J 11/00 (2006.01) H04J 14/02 (2006.01)**
[25] EN
[54] **OPTICAL FREQUENCY SHIFTER AND OPTICAL MODULATOR USING THE SAME**
[54] **DISPOSITIF DE DECALAGE DE FREQUENCE OPTIQUE ET MODULATEUR OPTIQUE UTILISANT LEDIT DISPOSITIF**
[72] SAIDA, TAKASHI, JP
[72] YAMAZAKI, HIROSHI, JP
[72] GOH, TAKASHI, JP
[72] TSUZUKI, KEN, JP
[72] MINO, SHINJI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2013-08-09
[86] 2012-02-15 (PCT/JP2012/000976)
[87] (WO2012/111321)
[30] JP (2011-031015) 2011-02-16

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[11] **2,828,128**
[13] C
[51] **Int.Cl. A61K 51/04 (2006.01) A61K 49/00 (2006.01) A61K 49/08 (2006.01) A61K 49/22 (2006.01) A61K 51/02 (2006.01) C07D 231/16 (2006.01) C07D 239/88 (2006.01) C07D 493/14 (2006.01)**
[25] EN
[54] **CONTRAST AGENTS FOR MYOCARDIAL PERFUSION IMAGING**
[54] **AGENTS DE CONTRASTE POUR L'IMAGERIE DE PERFUSION MYOCARDIQUE**
[72] CASEBIER, DAVID, US
[72] ROBINSON, SIMON P., US
[72] PUROHIT, AJAY, US
[72] RADEKE, HEIKE S., US
[72] AZURE, MICHAEL T., US
[72] DISCHIMO, DOUGLAS D., US
[73] LANTHEUS MEDICAL IMAGING, INC., US
[86] (2828128)
[87] (2828128)
[22] 2005-02-11
[62] 2,556,213
[30] US (11/055,498) 2005-02-10
[30] US (60/544,861) 2004-02-13

[11] **2,828,462**
[13] C
[51] **Int.Cl. H04N 19/593 (2014.01)**
[25] EN
[54] **IMAGE ENCODING/DECODING METHOD AND APPARATUS FOR SAME**
[54] **PROCEDE DE CODAGE/DECODAGE D'IMAGE ET APPAREIL ASSOCIE**
[72] LEE, JIN HO, KR
[72] KIM, HUI YONG, KR
[72] LIM, SUNG CHANG, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[85] 2013-08-27
[86] 2012-06-20 (PCT/KR2012/004883)
[87] (WO2012/177053)
[30] KR (10-2011-0059850) 2011-06-20
[30] KR (10-2011-0065708) 2011-07-01
[30] KR (10-2011-0119214) 2011-11-15
[30] KR (10-2011-0125353) 2011-11-28
[30] KR (10-2012-0066206) 2012-06-20

[11] **2,828,723**
[13] C
[51] **Int.Cl. B64C 1/00 (2006.01) F16B 5/00 (2006.01)**
[25] EN
[54] **CIRCUMFERENCE SPLICE FOR JOINING SHELL STRUCTURES**
[54] **RACCORDEMENT CIRCONFERENTIEL POUR RACCORDER DES COQUES**
[72] DIEP, PAUL, US
[72] DOPKER, BERNHARD, US
[73] THE BOEING COMPANY, US
[86] (2828723)
[87] (2828723)
[22] 2013-10-01
[30] US (13/665,664) 2012-10-31

[11] **2,829,114**
[13] C
[51] **Int.Cl. H04N 19/513 (2014.01) H04N 19/14 (2014.01) H04N 19/52 (2014.01) H04N 19/88 (2014.01)**
[25] EN
[54] **METHOD FOR DERIVING A TEMPORAL PREDICTIVE MOTION VECTOR, AND APPARATUS USING THE METHOD**
[54] **PROCEDE PERMETTANT DE DERIVER UN VECTEUR DE MOUVEMENT PREDICTIF TEMPOREL ET APPAREIL UTILISANT LE PROCEDE**
[72] LEE, BAE KEUN, KR
[72] KWON, JAE CHEOL, KR
[73] KT CORPORATION, KR
[85] 2013-09-04
[86] 2012-09-06 (PCT/KR2012/007174)
[87] (WO2013/036041)
[30] KR (10-2011-0091782) 2011-09-09
[30] KR (10-2012-0039501) 2012-04-17

[11] **2,829,240**
[13] C
[51] **Int.Cl. A61K 33/26 (2006.01) A61K 31/505 (2006.01) A61K 31/517 (2006.01) A61P 7/00 (2006.01) C07D 239/36 (2006.01) C07D 239/80 (2006.01)**
[25] EN
[54] **FE(III) COMPLEX COMPOUNDS FOR THE TREATMENT AND PROPHYLAXIS OF IRON DEFICIENCY SYMPTOMS AND IRON DEFICIENCY ANEMIAS**
[54] **COMPOSES A BASE DE COMPLEXES DE FE(III) POUR LE TRAITEMENT ET LA PREVENTION DE CARENCES EN FER ET D'ANEMIES DUES A UNE CARENCE EN FER**
[72] BARK, THOMAS, CH
[72] BUHR, WILM, DE
[72] BURCKHARDT, SUSANNA, CH
[72] BURGERT, MICHAEL, DE
[72] CANCLINI, CAMILLO, CH
[72] DURRENBERGER, FRANZ, CH
[72] FUNK, FELIX, CH
[72] GEISSER, PETER OTTO, CH
[72] KALOGERAKIS, ARIS, CH
[72] MAYER, SIMONA, CH
[72] PHILIPP, ERIK, CH
[72] REIM, STEFAN, CH
[72] SIEBER, DIANA, CH
[72] SCHMITT, JORG, CH
[72] SCHWARZ, KATRIN, CH
[73] VIFOR (INTERNATIONAL) AG, CH
[85] 2013-09-06
[86] 2012-03-28 (PCT/EP2012/055512)
[87] (WO2012/130882)
[30] EP (11160151.4) 2011-03-29

[11] **2,830,242**
[13] C
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/137 (2014.01) H04N 19/577 (2014.01)**
[25] EN
[54] **BI-PREDICTIVE MERGE MODE BASED ON UNI-PREDICTIVE NEIGHBORS IN VIDEO CODING**
[54] **MODE DE FUSION BI-PREDICTIF BASE SUR DES VOISINS UNI-PREDICTIFS DANS UN CODAGE VIDEO**
[72] ZHENG, YUNFEI, US
[72] CHIEN, WEI-JUNG, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-09-12
[86] 2012-02-29 (PCT/US2012/027136)
[87] (WO2012/128903)
[30] US (61/454,862) 2011-03-21
[30] US (61/502,703) 2011-06-29
[30] US (13/336,799) 2011-12-23

[11] **2,831,768**
[13] C
[51] **Int.Cl. G01R 19/00 (2006.01) H02H 3/02 (2006.01) H02H 3/06 (2006.01)**
[25] EN
[54] **MODULAR HIGH VOLTAGE SENSING UNIT**
[54] **UNITE DE DETECTION DE TENSION ELEVEE MODULAIRE**
[72] FONG, ROBERT, US
[72] GARDNER, DANIEL L., US
[72] AYALA, WILLIAM, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2831768)
[87] (2831768)
[22] 2013-10-30
[30] US (61/721,549) 2012-11-02
[30] US (14/036,752) 2013-09-25

[11] **2,831,917**
[13] C
[25] EN
[54] **STEREOLITHOGRAPHY MACHINE FOR PRODUCING A THREE-DIMENSIONAL OBJECT AND STEREOLITHOGRAPHY METHOD APPLICABLE TO SAID MACHINE**
[54] **MACHINE DE STEREOLITHOGRAPHIE POUR PRODUIRE UN OBJET TRIDIMENSIONNEL ET PROCEDE DE STEREOLITHOGRAPHIE APPLICABLE A LADITE MACHINE**
[72] COSTABEBER, ETTORE MAURIZIO, IT
[73] DWS S.R.L., IT
[85] 2013-09-30
[86] 2012-04-19 (PCT/IB2012/000775)
[87] (WO2012/143785)
[30] IT (VI2011A000099) 2011-04-20

[11] **2,831,928**
[13] C
[51] **Int.Cl. E21B 43/22 (2006.01) E21B 43/14 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **MICROBIAL PROCESSES FOR INCREASING FLUID MOBILITY IN A HEAVY OIL RESERVOIR**
[54] **PROCESSUS MICROBIENS POUR AUGMENTER LA MOBILITE D'UN FLUIDE DANS UN RESERVOIR D'HUILE LOURDE**
[72] BRACHO DOMINGUEZ, ROSANA PATRICIA, CA
[72] BEN-ZVI, AMOS, CA
[72] PUGH, KIRSTEN AMY YEATES, CA
[72] GUPTA, SUBODH, CA
[73] CENOVUS ENERGY INC., CA
[86] (2831928)
[87] (2831928)
[22] 2013-11-01
[30] US (61/721,452) 2012-11-01

[11] **2,832,093**
[13] C
[51] **Int.Cl. A61B 3/13 (2006.01) A61B 3/00 (2006.01) G02B 7/00 (2006.01) A61B 3/10 (2006.01) A61B 3/12 (2006.01) A61B 3/15 (2006.01)**
[25] EN
[54] **IMAGE-PROCESSOR-CONTROLLED MISALIGNMENT-REDUCTION FOR OPHTHALMIC SYSTEMS**
[54] **REDUCTION DE DESALIGNEMENT COMMANDEE PAR PROCESSEUR D'IMAGE POUR SYSTEMES OPHTALMIQUES**
[72] JUHASZ, TIBOR, US
[72] RAKSI, FERENC, US
[72] HOLLAND, GUY, US
[73] ALCON LENSX, INC., US
[85] 2013-10-01
[86] 2012-05-01 (PCT/US2012/035927)
[87] (WO2012/151172)
[30] US (13/098,586) 2011-05-02

[11] **2,832,160**
[13] C
[51] **Int.Cl. H04W 48/20 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RANDOM ACCESS INTERFERENCE MITIGATION IN HETEROGENEOUS CELLULAR NETWORKS**
[54] **PROCEDE ET SYSTEME POUR L'ATTENUATION D'INTERFERENCE D'ACCES ALEATOIRE DANS DES RESEAUX CELLULAIRES HETEROGENES**
[72] EARNSHAW, ANDREW MARK, CA
[72] FONG, MO-HAN, CA
[72] GAO, SHIWEI, CA
[72] GUO, SHIGUANG, CA
[72] HEO, YOUN HYOUNG, CA
[72] WENG, JIANFENG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-10-02
[86] 2012-07-27 (PCT/CA2012/000706)
[87] (WO2013/020209)
[30] US (61/521,929) 2011-08-10
[30] US (13/458,591) 2012-04-27

[11] **2,832,229**
[13] C
[51] **Int.Cl. B29C 70/38 (2006.01) B25J 9/16 (2006.01) B25J 13/08 (2006.01) B25J 15/00 (2006.01) B25J 15/06 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **AUTOMATED PLY LAYUP SYSTEM**
[54] **SYSTEME DE CONFIGURATION DE PLI AUTOMATIQUE**
[72] SANGARI, SAMRA S., US
[72] WILLDEN, KURTIS S., US
[72] COBB, JAMES M., US
[72] BUCKUS, GARY M., US
[72] CRESPO, CARLOS, US
[72] PEDIGO, SAMUEL F., US
[73] THE BOEING COMPANY, US
[85] 2013-10-02
[86] 2012-05-16 (PCT/US2012/038139)
[87] (WO2012/177340)
[30] US (13/166,306) 2011-06-22

[11] **2,832,477**
[13] C
[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/328 (2014.01) B42D 25/351 (2014.01) B42D 25/373 (2014.01) B42D 15/00 (2006.01) G02B 5/18 (2006.01) G07D 7/12 (2016.01)**
[25] EN
[54] **OPTICAL SECURITY COMPONENT HAVING A TRANSMISSIVE EFFECT, MANUFACTURE OF SUCH A COMPONENT, AND SECURE DOCUMENT PROVIDED WITH SUCH A COMPONENT**
[54] **COMPOSANT OPTIQUE DE SECURITE A EFFET TRANSMISSIF, FABRICATION D'UN TELUCOMPOSANT ET DOCUMENT SECURISE EQUIPE D'UN TEL COMPOSANT**
[72] PETITON, VALERY, FR
[72] SAUVAGE-VINCENT, JEAN, FR
[72] NOIZET, ALEXANDRE, FR
[72] JOURLIN, YVES, FR
[73] HOLOGRAM.INDUSTRIES, FR
[73] UNIVERSITE JEAN MONNET, FR
[85] 2013-10-07
[86] 2012-04-05 (PCT/EP2012/056301)
[87] (WO2012/136777)
[30] FR (1153068) 2011-04-08

[11] **2,832,749**
[13] C
[51] **Int.Cl. G06T 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING QUANTITATIVE VIDEO-MICROSCOPY AND ASSOCIATED SYSTEM**
[54] **PROCEDE DE PREPARATION DE MICROSCOPIE VIDEO QUANTITATIVE ET SYSTEME ASSOCIE**
[72] MARCELPOIL, RAPHAEL RODOLPHE, FR
[72] ORNY, CEDRICK RENE, FR
[73] TRIPATH IMAGING, INC., US
[85] 2013-10-08
[86] 2012-04-11 (PCT/US2012/033053)
[87] (WO2012/142111)
[30] US (61/474,514) 2011-04-12

[11] **2,832,956**
[13] C
[51] **Int.Cl. G05D 1/00 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING AN UNMANNED AERIAL VEHICLE**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN AERONEF NON HABITE**
[72] METZLER, BERNHARD, AT
[72] SIERCKS, KNUT, CH
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2013-10-10
[86] 2012-04-13 (PCT/EP2012/056760)
[87] (WO2012/140191)
[30] EP (11162507.5) 2011-04-14

[11] **2,833,047**
[13] C
[51] **Int.Cl. C08F 220/26 (2006.01) C04B 24/24 (2006.01) C04B 24/26 (2006.01) C04B 28/00 (2006.01) C08F 8/40 (2006.01)**
[25] FR
[54] **COPOLYMERS HAVING GEM-BISPHOSPHONATE GROUPINGS**
[54] **COPOLYMERES A GROUPEMENTS GEM-BISPHOSPHONES**
[72] CHOUGRANI, KAMEL, FR
[72] LEISING, FREDERIC, FR
[73] CHRYSO, FR
[85] 2013-10-03
[86] 2012-04-13 (PCT/EP2012/056840)
[87] (WO2012/140235)
[30] FR (11 53312) 2011-04-15

[11] **2,833,142**
[13] C
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **DYNAMICALLY ACTIVATING AND DEACTIVATING ONE OR MORE ELEMENTS OF A TRADING TOOL**
[54] **ACTIVATION ET DESACTIVATION DYNAMIQUE D'UN OU DE PLUSIEURS ELEMENTS D'UN OUTIL DE NEGOCE**
[72] TRIPLETT, MARK W., US
[72] BUCK, BRIAN J., US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2013-10-11
[86] 2012-03-29 (PCT/US2012/031096)
[87] (WO2012/141906)
[30] US (13/088,022) 2011-04-15

[11] **2,834,010**
[13] C
[51] **Int.Cl. B62D 1/16 (2006.01)**
[25] EN
[54] **RETENTION BRACKET FOR STEERING COLUMN MEMBER**
[54] **SUPPORT DE RETENUE POUR COLONNE DE DIRECTION**
[72] VAN SCHAIK, LAMBERTUS S., CA
[72] WONG, WAYNE WING CHUN, CA
[73] VAN-ROB INC., CA
[86] (2834010)
[87] (2834010)
[22] 2013-11-21

[11] **2,834,139**
[13] C
[51] **Int.Cl. H04W 68/00 (2009.01)**
[25] EN
[54] **MULTICARRIER RETRANSMISSION FEEDBACK**
[54] **RETROACTION DE RETRANSMISSION MULTIPORTEUSE**
[72] DAMNJANOVIC, JELENA M., US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
[72] BHUSHAN, NAGA, US
[72] KHANDEKAR, AAMOD D., US
[73] QUALCOMM INCORPORATED, US
[86] (2834139)
[87] (2834139)
[22] 2010-05-06
[62] 2,758,576
[30] US (61/176,470) 2009-05-07
[30] US (12/774,671) 2010-05-05

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[11] **2,834,570**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) E04H 15/32 (2006.01) H01M 2/30 (2006.01)**
[25] EN
[54] **TENT ELECTRICAL SYSTEM**
[54] **SYSTEME ELECTRIQUE POUR TENTE**
[72] TARTER, KEVIN J., US
[72] MEETHER, STUART L., US
[72] HINZ, TREVOR J., US
[72] CULP, YIYUN, US
[72] BROCKEL, MICHAEL D., US
[72] LAWHON, ROBERT L., US
[73] THE COLEMAN COMPANY, INC., US
[86] (2834570)
[87] (2834570)
[22] 2006-09-28
[62] 2,624,441
[30] US (60/721,281) 2005-09-28
[30] US (60/774,371) 2006-02-17

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[11] **2,834,685**
[13] C
[51] **Int.Cl. A45D 33/26 (2006.01) A45D 33/32 (2006.01) A45D 34/04 (2006.01)**
[25] EN
[54] **UNIVERSAL DOCKING STATION COMPACT**
[54] **BOITIER-STATION D'ACCUEIL UNIVERSELLE**
[72] BOUIX, HERVE F., US
[72] JACOB, CHRISTOPHE, FR
[73] ELC MANAGEMENT LLC, US
[85] 2013-10-29
[86] 2012-05-02 (PCT/US2012/036170)
[87] (WO2012/151310)
[30] US (13/100,723) 2011-05-04

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[11] **2,834,742**
[13] C
[51] **Int.Cl. A61K 31/702 (2006.01) A61K 36/23 (2006.01) A61P 25/02 (2006.01) A61P 25/06 (2006.01)**
[25] EN
[54] **A METHOD OF MANAGING HYPERCORTISOLEMIA, HEADACHE DISORDERS, NEUROPATHIC PAIN AND RELATED DISORDERS**
[54] **METHODE DE PRISE EN CHARGE DE L'HYPERCORTISOLEMIE, DES TROUBLES LIES AUX CEPHALEES, DE LA DOULEUR NEUROPATHIQUE ET TROUBLES CONNEXES**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[73] INDUS BIOTECH PRIVATE LIMITED, IN
[85] 2013-10-30
[86] 2011-07-14 (PCT/IB2011/053148)
[87] (WO2012/164356)
[30] IN (1633/MUM/2011) 2011-06-02

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[11] **2,837,085**
[13] C
[51] **Int.Cl. E21B 31/20 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **TUBULAR COUPLING DEVICE**
[54] **DISPOSITIF D'ACCOUPLEMENT TUBULAIRE**
[72] TWARDOWSKI, ERIC M., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2013-11-21
[86] 2012-05-25 (PCT/US2012/039711)
[87] (WO2012/162666)
[30] US (61/490,033) 2011-05-25

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[11] **2,837,325**
[13] C
[51] **Int.Cl. C08L 23/22 (2006.01) C08J 5/00 (2006.01) C08L 9/00 (2006.01) C08L 25/08 (2006.01) C08L 71/12 (2006.01)**
[25] EN
[54] **THERMOPLASTIC ELASTOMER COMPOUNDS EXHIBITING SUPERIOR COMPRESSION SET PROPERTIES**
[54] **COMPOSES ELASTOMERES THERMOPLASTIQUES PRESENTANT DES PROPRIETES DE DEFORMATION REMANENTE APRES COMPRESSION SUPERIEURES**
[72] KIM, SEHYUN, US
[73] POLYONE CORPORATION, US
[85] 2013-11-25
[86] 2012-05-30 (PCT/US2012/039960)
[87] (WO2012/166779)
[30] US (61/491,555) 2011-05-31

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[11] **2,837,909**
[13] C
[51] **Int.Cl. A61J 1/14 (2006.01) A61J 3/00 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **RECONSTITUTION DEVICE**
[54] **DISPOSITIF DE RECONSTITUTION**
[72] REYNOLDS, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[72] GEOFFROY, ERIC, CA
[72] VIENS, MATHIEU, CA
[73] DUOJECT MEDICAL SYSTEMS INC., CA
[85] 2013-12-02
[86] 2012-07-05 (PCT/CA2012/000650)
[87] (WO2013/003951)
[30] CA (2,745,320) 2011-07-06

[11] **2,838,578**
[13] C
[51] **Int.Cl. H04N 19/11 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01)**
[25] EN
[54] **ENCODING OR DECODING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE**
[72] YANG, HAITAO, CN
[72] ZHOU, JIANTONG, CN
[72] LI, BIN, CN
[72] LI, HOUQUIANG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-12-06
[86] 2012-08-20 (PCT/CN2012/080334)
[87] (WO2013/107177)
[30] CN (201210018818.7) 2012-01-20

[11] **2,838,822**
[13] C
[51] **Int.Cl. C22C 26/00 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ELEMENT CONTAINING THERMALLY STABLE POLYCRYSTALLINE DIAMOND MATERIAL AND METHODS AND ASSEMBLIES FOR FORMATION THEREOF**
[54] **ELEMENT CONTENANT UNE MATIERE DE DIAMANT POLYCRISTALLIN THERMIQUEMENT STABLE ET PROCEDES ET ENSEMBLES POUR SA FORMATION**
[72] ATKINS, BRIAN, US
[72] ANDERLE, SETH G., US
[72] ARFELE, ROBERT W., US
[72] LADI, RAM L., US
[72] LINFORD, BRANDON PAUL, US
[72] WIGGINS, JASON KEITH, US
[72] NGUYEN, KEVIN DUY, US
[72] QIAN, JIANG, US
[72] BERTAGNOLLI, KENNETH EUGENE, US
[72] SCOTT, SHAWN CASEY, US
[72] MUKHOPADHYAY, DEBKUMAR, US
[72] VAIL, MICHAEL ALEXANDER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-12-09
[86] 2012-06-09 (PCT/US2012/041778)
[87] (WO2012/170970)
[30] US (61/495,670) 2011-06-10
[30] US (13/225,134) 2011-09-02
[30] US (13/457,088) 2012-04-26
[30] US (13/457,009) 2012-04-26

[11] **2,840,105**
[13] C
[51] **Int.Cl. A63H 13/02 (2006.01) A63H 23/10 (2006.01) B63H 1/36 (2006.01)**
[25] EN
[54] **DRIVING AND CONTROLLING METHOD FOR BIOMIMETIC FISH AND BIOMIMETIC FISH**
[54] **PILOTAGE ET COMMANDE D'UN POISSON FACTICE ET POISSON FACTICE**
[72] LU, XIAOPING, CN
[73] LU, XIAOPING, CN
[85] 2013-12-20
[86] 2012-07-09 (PCT/CN2012/078390)
[87] (WO2013/007181)
[30] CN (201110193111.5) 2011-07-11
[30] US (13/296,623) 2011-11-15
[30] CN (201110460551.2) 2011-12-31

[11] **2,841,697**
[13] C
[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTOR APPARATUS**
[54] **DISPOSITIF DE CONNECTEUR OPTIQUE**
[72] SHIMAZU, HIDETO, JP
[72] HASHIGUCHI, OSAMU, JP
[72] TANAKA, YUKITAKA, JP
[72] FUKAYAMA, KENZO, JP
[72] IZAKI, MASAHIRO, JP
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
[86] (2841697)
[87] (2841697)
[22] 2010-02-03
[62] 2,751,691
[30] JP (2009-024630) 2009-02-05
[30] JP (2009-138537) 2009-06-09
[30] JP (2009-198748) 2009-08-28
[30] JP (2009-247022) 2009-10-27

[11] **2,842,523**
[13] C
[51] **Int.Cl. H03G 3/30 (2006.01)**
[25] EN
[54] **METHOD TO RESTRICT THE NUMBER OF CYCLES IN A CONTINUOUS J-SLOT IN A DOWNHOLE TOOL**
[54] **PROCEDE DE LIMITATION DU NOMBRE DE CYCLES DANS UNE CANNELURE CONTINUE EN J D'UN OUTIL DE FOND**
[72] STREICH, STEVEN G., US
[72] LOVEDAY, DONALD G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-20
[86] 2012-07-24 (PCT/US2012/048001)
[87] (WO2013/016354)
[30] US (13/193,334) 2011-07-28

[11] **2,842,947**
[13] C
[51] **Int.Cl. H02K 16/04 (2006.01) F03D 9/25 (2016.01) B60B 21/00 (2006.01) B60K 1/00 (2006.01) B60K 7/00 (2006.01) B60L 7/00 (2006.01) B60L 15/00 (2006.01) H02K 1/27 (2006.01) H02K 9/00 (2006.01)**
[25] EN
[54] **WHEEL ASSEMBLY DEFINING A MOTOR/GENERATOR**
[54] **ENSEMBLE ROUE DEFINISSANT UN MOTEUR/GENERATEUR**
[72] TCHERVENKOV, JEAN I., CA
[72] CREVIER, SYLVAIN, CA
[72] GRENIER, STEPHANE, CA
[73] TIDNAB INNOVATIONS INC., CA
[85] 2014-01-10
[86] 2012-07-13 (PCT/CA2012/000673)
[87] (WO2013/006962)
[30] US (61/507,880) 2011-07-14

---

[11] **2,844,713**
[13] C
[51] **Int.Cl. B28D 1/04 (2006.01)**
[25] EN
[54] **WALK BEHIND ALL-WHEEL DRIVE CONCRETE SAW**
[54] **SCIE A BETON A TRACTION INTEGRALE ET A CONTROLE ARRIERE**
[72] BRANDT, ALAN, US
[73] BRANDT, ALAN, US
[85] 2014-02-10
[86] 2012-07-05 (PCT/US2012/045557)
[87] (WO2013/009569)
[30] US (13/179,737) 2011-07-11

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[11] **2,845,205**
[13] C
[51] **Int.Cl. B64C 25/44 (2006.01) B60T 8/17 (2006.01) B60T 15/00 (2006.01) B60T 17/00 (2006.01) B64D 45/00 (2006.01) F16D 65/18 (2006.01) F16D 66/00 (2006.01)**
[25] FR
[54] **ELECTROMECHANICAL ACTUATOR FOR BRAKE**
[54] **ACTIONNEUR ELECTROMECANIQUE POUR FREIN**
[72] SELLES, FRANCK, FR
[72] EVENOR, ERIC, FR
[72] RICHARD, NATHANAEL, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2845205)
[87] (2845205)
[22] 2014-03-06
[30] FR (13 52209) 2013-03-12

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[11] **2,845,784**
[13] C
[51] **Int.Cl. A61K 9/22 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **SUSTAINED-RELEASE LIPID PRE-CONCENTRATE OF PHARMACOLOGICALLY ACTIVE SUBSTANCE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **PRE-CONCENTRE LIPIDIQUE A LIBERATION MODIFIEE D'UNE SUBSTANCE PHARMACOLOGIQUEMENT ACTIVE ET COMPOSITION PHARMACEUTIQUE LA COMPRENANT**
[72] KO, JIN YOUNG, KR
[72] KIM, JI YEON, KR
[72] PARK, SO HYUN, KR
[72] AN, SUNG WON, KR
[72] KI, MIN HYO, KR
[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2014-02-19
[86] 2012-08-28 (PCT/KR2012/006855)
[87] (WO2013/032207)
[30] KR (10-2011-0087160) 2011-08-30

---

[11] **2,846,022**
[13] C
[51] **Int.Cl. E21B 10/48 (2006.01) E21B 10/02 (2006.01)**
[25] EN
[54] **IMPREGNATED DRILLING TOOLS INCLUDING ELONGATED STRUCTURES**
[54] **OUTILS DE FORAGE IMPREGNES COMPRENANT DES STRUCTURES ALLONGEES**
[72] RUPP, MICHAEL D., US
[72] PEARCE, CODY A., US
[72] LAMBERT, CHRISTIAN M., US
[72] DRIVDAHL, KRISTIAN S., US
[73] LONGYEAR TM, INC., US
[85] 2014-02-20
[86] 2012-06-25 (PCT/US2012/044003)
[87] (WO2013/028256)
[30] US (13/217,107) 2011-08-24

---

[11] **2,847,130**
[13] C
[51] **Int.Cl. H04M 3/527 (2006.01) H04L 12/28 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **PROCEDURE AND MECHANISM FOR MANAGING A CALL TO A CALL CENTER**
[54] **PROCEDURE ET MECANISME POUR GERER UN APPEL A UN CENTRE D'APPELS**
[72] TIETSCH, MICHAEL, DE
[73] UNIFY GMBH & CO. KG, DE
[86] (2847130)
[87] (2847130)
[22] 2014-03-19
[30] DE (10 2013 006 351.5) 2013-04-12

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[11] **2,847,941**
[13] C
[51] **Int.Cl. F16K 43/00 (2006.01) F03B 15/02 (2006.01) F16K 1/42 (2006.01)**
[25] EN
[54] **VALVE INTEGRATED INTO A FLUID DISTRIBUTION NETWORK, NETWORK AND ENERGY CONVERSION INSTALLATION COMPRISING SUCH A VALVE**
[54] **VANNE INTEGREE A UN RESEAU DE DISTRIBUTION DE FLUIDE, RESEAU ET INSTALLATION DE CONSERVATION D'ENERGIE COMPRENANT UNE TELLE VANNE**
[72] MATHIEU, ALAIN, FR
[73] ALSTOM RENEWABLE TECHNOLOGIES, FR
[86] (2847941)
[87] (2847941)
[22] 2014-04-01
[30] FR (1353074) 2013-04-05

[11] **2,847,948**
[13] C
[51] **Int.Cl. G01S 19/21 (2010.01)**
[25] EN
[54] **AUTHENTICATION BASED ON RANDOM BITS IN SATELLITE NAVIGATION MESSAGES**
[54] **AUTHENTIFICATION BASEE SUR DES BITS ALEATOIRES DANS DES MESSAGES DE NAVIGATION PAR SATELLITE**
[72] ENGE, PER, US
[73] THE BOEING COMPANY, US
[85] 2014-03-04
[86] 2012-09-05 (PCT/US2012/053810)
[87] (WO2013/036541)
[30] US (61/531,046) 2011-09-05
[30] US (13/603,316) 2012-09-04

[11] **2,849,077**
[13] C
[51] **Int.Cl. H02M 5/458 (2006.01) H02M 7/06 (2006.01) H02M 7/217 (2006.01)**
[25] EN
[54] **A MULTI-VOLTAGE POWER SUPPLY FOR A UNIVERSAL AIRPLANE GROUND SUPPORT EQUIPMENT CART**
[54] **ALIMENTATION ELECTRIQUE A PLUSIEURS TENSIONS POUR CHARIOT D'EQUIPEMENT DE SOUTIEN AU SOL D'AERONEF UNIVERSEL**
[72] LEADINGHAM, DAVID WAYNE, US
[72] HANSEN, RICHARD LAWRENCE, US
[72] JOHNSON, DREW ROBERT, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-03-18
[86] 2012-09-21 (PCT/US2012/056493)
[87] (WO2013/043974)
[30] US (13/244,532) 2011-09-25

[11] **2,850,497**
[13] C
[51] **Int.Cl. A61M 25/10 (2013.01) A61F 2/958 (2013.01) A61L 29/12 (2006.01) A61L 29/14 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **CONTROLLED POROSITY DEVICES FOR TISSUE TREATMENTS, METHODS OF USE, AND METHODS OF MANUFACTURE**
[54] **DISPOSITIFS A POROSITE CONTROLEE POUR TRAITEMENTS TISSULAIRES, PROCEDES D'UTILISATION ET PROCEDES DE FABRICATION**
[72] BACINO, JOHN E., US
[72] CAMPBELL, CAREY V., US
[72] CULLY, EDWARD H., US
[72] TRAPP, BENJAMIN M., US
[72] VONESH, MICHAEL J., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-03-28
[86] 2012-10-04 (PCT/US2012/058599)
[87] (WO2013/052572)
[30] US (61/544,170) 2011-10-06
[30] US (61/697,262) 2012-09-05
[30] US (13/644,251) 2012-10-03

[11] **2,850,614**
[13] C
[51] **Int.Cl. C07D 311/94 (2006.01) G03C 1/73 (2006.01)**
[25] EN
[54] **PHOTOCHROMIC MATERIALS THAT INCLUDE 6-AMINO SUBSTITUTED INDENO-FUSED NAPHTHOPYRANS**
[54] **MATIERES PHOTOCHROMIQUES QUI COMPRENNENT DES NAPHTOPYRANES INDENO-FUSIONNEES 6-AMINO SUBSTITUES**
[72] CHOPRA, ANU, US
[72] KNOWLES, DAVID B., US
[72] YU, HUAYUN, US
[73] TRANSITIONS OPTICAL, INC., US
[85] 2014-03-31
[86] 2012-09-27 (PCT/US2012/057487)
[87] (WO2013/052338)
[30] US (13/268,089) 2011-10-07

[11] **2,850,957**
[13] C
[51] **Int.Cl. B29C 47/92 (2006.01) B29C 47/20 (2006.01)**
[25] EN
[54] **CALIBRATION DEVICE FOR CALIBRATING AN EXTRUDED FILM TUBE**
[54] **DISPOSITIF D'ETALONNAGE DE PELLICULE TUBULAIRE EXTRUDEE**
[72] ZIMMERMAN, RICHARD, DE
[72] FAHLING, GERD, DE
[73] KDESIGN GMBH, DE
[86] (2850957)
[87] (2850957)
[22] 2014-05-05
[30] EP (13167100.0) 2013-05-08

[11] **2,853,280**
[13] C
[51] **Int.Cl. F16L 3/00 (2006.01) B23P 19/00 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **PLIABLE-WALL AIR DUCTS WITH SUSPENDED FRAMES**
[54] **CONDUITS D'AIR A PAROI PLIABLE COMPORTANT DES STRUCTURES SUSPENDUES**
[72] PINKALLA, CARY, US
[72] HEIM, FRANK, US
[72] GEBKE, KEVIN J., US
[72] KAUFMANN, NICHOLAS L., US
[72] NIEHAUS, WILLIAM A., US
[73] RITE-HITE HOLDING CORPORATION, US
[85] 2014-04-23
[86] 2012-11-01 (PCT/US2012/063050)
[87] (WO2013/067172)
[30] US (13/288,795) 2011-11-03

[11] **2,855,005**
[13] C
[51] **Int.Cl. A61K 31/4709 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING 7-(1H-IMIDAZOL-4-YLMETHYL)-5,6,7,8-TETRAHYDRO-QUINOLINE FOR TREATING SKIN DISEASES AND CONDITIONS**
[54] **UTILISATION DE COMPOSITIONS PHARMACEUTIQUES COMPRENANT LE COMPOSE 7-(1H-IMIDAZOL-4-YLMETHYL)-5,6,7,8-TETRAHYDRO-QUINOLINE POUR TRAITER LES MALADIES ET LES AFFECTIONS CUTANEES**
[72] DIBAS, MOHAMMED I., US
[72] HSIA, EDWARD C., US
[72] DONELLO, JOHN E., US
[72] GIL, DANIEL W., US
[73] ALLERGAN, INC., US
[85] 2014-05-08
[86] 2012-11-08 (PCT/US2012/064075)
[87] (WO2013/070861)
[30] US (61/558,104) 2011-11-10

[11] **2,855,054**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **NON-ROTATING WELLBORE TOOL AND SEALING METHOD THEREFOR**
[54] **OUTIL DE TROU DE FORAGE NON ROTATIF ET METHODE D'ETANCHEISATION CONNEXE**
[72] GRAINGER, ROBERT, CA
[73] GRAINGER, ROBERT, CA
[86] (2855054)
[87] (2855054)
[22] 2012-09-24
[62] 2,790,548

[11] **2,856,005**
[13] C
[51] **Int.Cl. G01N 11/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING FLUID STREAMING POTENTIAL**
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER LE POTENTIEL D'ECOULEMENT D'UN FLUIDE**
[72] KINLEN, PATRICK J., US
[72] ALVES, OFER, US
[73] THE BOEING COMPANY, US
[86] (2856005)
[87] (2856005)
[22] 2014-07-07
[30] US (61/874467) 2013-09-06
[30] US (14/100910) 2013-12-09

[11] **2,856,054**
[13] C
[51] **Int.Cl. A61K 31/46 (2006.01) A61K 9/12 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **AN INHALER COMPRISING A TIOTROPIUM-CONTAINING-COMPOSITION**
[54] **INHALATEUR COMPRENANT UNE COMPOSITION CONTENANT DU TIOTROPIUM**
[72] ZENG, XIAN-MING, US
[72] FENLON, DEREK, IE
[73] TEVA BRANDED PHARMACEUTICAL PRODUCTS R&D, INC., US
[85] 2014-05-15
[86] 2012-12-12 (PCT/EP2012/075230)
[87] (WO2013/092345)
[30] US (61/577,314) 2011-12-19
[30] GB (1200504.7) 2012-01-13

[11] **2,856,090**
[13] C
[51] **Int.Cl. E21B 47/008 (2012.01) E21B 43/12 (2006.01)**
[25] EN
[54] **CALCULATING DOWNHOLE CARDS IN DEVIATED WELLS**
[54] **CARTES DE FOND DE PUITS POUR LE CALCUL DANS DES PUITS DEVIES**
[72] PONS, VICTORIA M., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-04-28
[86] 2012-10-29 (PCT/US2012/062459)
[87] (WO2013/063591)
[30] US (61/552,812) 2011-10-28
[30] US (61/598,438) 2012-02-14
[30] US (61/605,325) 2012-03-01
[30] US (61/706,489) 2012-09-27

[11] **2,856,735**
[13] C
[51] **Int.Cl. B62D 25/16 (2006.01)**
[25] EN
[54] **PIVOTING MUD FLAP ASSEMBLY**
[54] **ENSEMBLE GARDE-BOUE PIVOTANT**
[72] RAMSEY, JOHN EDWARD, US
[73] HENDRICKSON USA, L.L.C., US
[85] 2014-05-22
[86] 2012-12-12 (PCT/US2012/069089)
[87] (WO2013/090329)
[30] US (61/569,811) 2011-12-13

[11] **2,857,067**
[13] C
[51] **Int.Cl. C07D 241/20 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **TUBULIN INHIBITORS**
[54] **INHIBITEURS DE LA TUBULINE**
[72] BURNS, CHRISTOPHER JOHN, AU
[72] WILKS, ANDREW FREDERICK, AU
[72] HARTE, MICHAEL FRANCIS, AU
[72] SIKANYIKA, HARRISON, AU
[72] FANTINO, EMMANUELLE, AU
[72] SIMS, COLETTE GLORIA, AU
[73] YM BIOSCIENCES AUSTRALIA PTY LTD, AU
[86] (2857067)
[87] (2857067)
[22] 2004-12-03
[62] 2,545,422
[30] AU (2003906680) 2003-12-03

[11] **2,857,213**
[13] C
[51] **Int.Cl. B24B 1/00 (2006.01) B23Q 41/02 (2006.01)**
[25] EN
[54] **A SURFACE PROCESSING SYSTEM FOR A WORK PIECE**
[54] **SYSTEME DE TRAITEMENT DE SURFACE POUR UNE PIECE**
[72] CHEN, QIYUE, CN
[73] WUHU HUIYING AUTOMATIC EQUIPMENT CO., LTD., CN
[86] (2857213)
[87] (2857213)
[22] 2014-07-18
[30] CN (CN201310346669.1) 2013-08-10
[30] CN (CN201310653014.9) 2013-12-06

[11] **2,857,520**
[13] C
[51] **Int.Cl. B24B 5/00 (2006.01) B24B 21/16 (2006.01)**
[25] EN
[54] **A TRANSFORM MECHANISM OF A FINISHING WHEEL FOR AN ABRASIVE BELT POLISHING FINISHER**
[54] **MECANISME DE TRANSFORMATION D'UNE ROUE DE FINITION POUR UN APPAREIL DE FINITION ET DE POLISSAGE A COURROIE ABRASIVE**
[72] CHEN, QIYUE, CN
[73] WUHU HUIYING AUTOMATIC EQUIPMENT CO., LTD., CN
[86] (2857520)
[87] (2857520)
[22] 2014-07-22
[30] CN (CN201310467984.X) 2013-10-09

[11] **2,857,783**
[13] C
[51] **Int.Cl. B32B 3/08 (2006.01) B32B 5/08 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **LAMINATED COMPOSITE RADIUS FILLER WITH GEOMETRIC SHAPED FILLER ELEMENT AND METHOD OF FORMING THE SAME**
[54] **COMPOSITE LAMINE DE REMPLISSAGE DE RAYONS AVEC ELEMENT DE REMPLISSAGE DE FORME GEOMETRIQUE ET PROCEDE DE FORMATION DE CELUI-CI**
[72] KAJITA, KIRK B., US
[72] FRISCH, DOUGLAS A., US
[73] THE BOEING COMPANY, US
[86] (2857783)
[87] (2857783)
[22] 2014-07-24
[30] US (14/074692) 2013-11-07

[11] **2,857,857**
[13] C
[51] **Int.Cl. C10L 1/223 (2006.01) C10L 1/06 (2006.01) C10L 1/16 (2006.01) C10L 1/188 (2006.01)**
[25] EN
[54] **HIGH OCTANE UNLEADED AVIATION GASOLINE**
[54] **ESSENCE D'AVIATION SANS PLOMB A INDICE D'OCTANE ELEVE**
[72] SHEA, TIMOTHY MICHAEL, US
[72] BENNIS, HANANE BELMOKADDEM, US
[72] MACKNAY, MICHAEL CLIFFORD, GB
[72] DAVIES, TREVOR JAMES, GB
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[86] (2857857)
[87] (2857857)
[22] 2014-07-25
[30] US (61/898,244) 2013-10-31
[30] US (61/991,888) 2014-05-12
[30] US (62/021,249) 2014-07-07

[11] **2,858,045**
[13] C
[51] **Int.Cl. B65D 25/00 (2006.01)**
[25] EN
[54] **CUP SLEEVE WITH HANDLE**
[54] **MANCHON DE TASSE AVEC ANSE**
[72] CHUANG, CHENG-AN, TW
[73] CHUANG, CHENG-AN, TW
[86] (2858045)
[87] (2858045)
[22] 2014-07-31
[30] TW (102139199) 2013-10-30

[11] **2,858,351**
[13] C
[51] **Int.Cl. C07C 45/50 (2006.01) B01J 19/00 (2006.01) C07C 47/02 (2006.01)**
[25] EN
[54] **A HYDROFORMYLATION PROCESS**
[54] **PROCESSUS D'HYDROFORMYLATION**
[72] BECKER, MICHAEL C., US
[72] DUSTON, JAMES D., US
[72] BIEDENSTEIN, VICTORIA L., US
[72] FISHER, STEVEN H., US
[72] MILLER, GLENN A., US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2014-06-05
[86] 2012-10-24 (PCT/US2012/061511)
[87] (WO2013/095766)
[30] US (61/577,708) 2011-12-20

[11] **2,858,603**
[13] C
[51] **Int.Cl. B32B 5/18 (2006.01) A62C 3/08 (2006.01) B32B 7/00 (2006.01) B32B 33/00 (2006.01) B64C 1/40 (2006.01) B64D 11/00 (2006.01) E04B 1/94 (2006.01) E04H 9/00 (2006.01)**
[25] EN
[54] **HEAT SHIELDED COMPOSITE PANEL**
[54] **PANNEAU COMPOSITE THERMIQUE**
[72] LIVENGOOD, EDWARD T., II, US
[72] DAVIS, LYLE T., US
[73] B/E AEROSPACE, INC., US
[85] 2014-06-06
[86] 2012-10-25 (PCT/US2012/061889)
[87] (WO2013/115859)
[30] US (61/551,184) 2011-10-25
[30] US (13/659,005) 2012-10-24

[11] **2,858,889**
[13] C
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT**
[54] **IMPLANT DENTAIRE**
[72] WOLDEGERGIS, YOHANNES, DE
[72] BAUER, CHRISTIAN, DE
[73] HERAEUS KULZER GMBH, DE
[85] 2014-06-10
[86] 2012-12-12 (PCT/EP2012/005122)
[87] (WO2013/102474)
[30] DE (10 2012 000 136.3) 2012-01-06

[11] **2,859,289**
[13] C
[51] **Int.Cl. H05K 5/02 (2006.01) F21S 8/00 (2006.01) H01Q 1/22 (2006.01) H02G 3/06 (2006.01) H04B 1/38 (2015.01)**
[25] EN
[54] **PROVIDING REMOTE ACCESS TO A WIRELESS COMMUNICATION DEVICE FOR CONTROLLING A DEVICE IN A HOUSING**
[54] **FOURNITURE D'ACCES A DISTANCE A UN DISPOSITIF DE COMMUNICATION SANS FIL POUR COMMANDER UN DISPOSITIF DANS UN BOITIER**
[72] GRAY, DEAN RUSSELL, AU
[72] CHOONG, JASON YEW CHOO, US
[72] ATANASOVSKI, PETER, US
[72] MAI, NIALL PETER, AU
[73] DAINTREE NETWORKS, PTY. LTD., AU
[85] 2014-06-13
[86] 2012-12-06 (PCT/IB2012/002912)
[87] (WO2013/088244)
[30] US (13/327,248) 2011-12-15

[11] **2,859,754**
[13] C
[51] **Int.Cl. H02M 9/04 (2006.01) G01R 31/14 (2006.01) G01R 31/34 (2006.01)**
[25] EN
[54] **IMPULSE VOLTAGE GENERATION DEVICE**
[54] **DISPOSITIF DE GENERATION DE TENSION PULSEE**
[72] OGAWA, HIROYUKI, JP
[72] SAKURAI, TAKAYUKI, JP
[72] YOSHIMITSU, TETSUO, JP
[72] HIROSE, TATSUYA, JP
[72] HIROSHIMA, SATOSHI, JP
[72] HIKITA, MASAYUKI, JP
[72] KOZAKO, MASAHIRO, JP
[72] UENO, TAKAHISA, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2014-06-18
[86] 2012-12-19 (PCT/JP2012/008099)
[87] (WO2013/094189)
[30] JP (2011-278820) 2011-12-20

[11] **2,860,143**
[13] C
[25] EN
[54] **STEREOLITHOGRAPHY MACHINE WITH IMPROVED OPTICAL UNIT**
[54] **MACHINE DE STEREOLITHOGRAPHIE AVEC UNITE OPTIQUE AMELIOREE**
[72] COSTABEBER, ETTORE MAURIZIO, IT
[73] COSTABEBER, ETTORE MAURIZIO, IT
[85] 2014-06-20
[86] 2012-12-24 (PCT/IB2012/002789)
[87] (WO2013/093612)
[30] IT (VI2011A000333) 2011-12-23

[11] **2,860,483**
[13] C
[51] **Int.Cl. B29C 39/10 (2006.01)**
[25] EN
[54] **SELF-CENTERING SEALANT APPLICATOR**
[54] **APPLICATEUR DE PRODUIT D'ETANCHEITE A CENTRAGE AUTOMATIQUE**
[72] PAJEL, CARISSA ANN, US
[72] BURGESS, ROBERT MARSHALL, US
[72] HARGRAVE, BENJAMIN PRIEST, US
[73] THE BOEING COMPANY, US
[86] (2860483)
[87] (2860483)
[22] 2014-08-25
[30] US (14/060140) 2013-10-22

[11] **2,860,529**
[13] C
[51] **Int.Cl. A21B 1/48 (2006.01) F25D 13/06 (2006.01) F25D 25/04 (2006.01)**
[25] EN
[54] **DUAL DRUM SPIRAL OVEN**
[54] **FOUR EN SPIRALE A DEUX TAMBOURS**
[72] ROS, MICHAEL, NL
[72] STEENTJES, THOMAS F., NL
[73] TS TECHNIEK BV, NL
[85] 2014-07-03
[86] 2013-01-25 (PCT/NL2013/050043)
[87] (WO2013/112052)
[30] US (61/591,717) 2012-01-27
[30] US (61/591,955) 2012-01-29
[30] US (61/593,326) 2012-02-01

[11] **2,861,407**
[13] C
[51] **Int.Cl. A61K 8/25 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **METHODS FOR SMOOTHING WRINKLES AND SKIN TEXTURE IMPERFECTIONS**
[54] **METHODES DE LISSAGE DES RIDES ET DES IMPERFECTIONS DE LA TEXTURE DE LA PEAU**
[72] BREYFOGLE, LAURIE ELLEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-07-15
[86] 2013-01-18 (PCT/US2013/022097)
[87] (WO2013/109851)
[30] US (61/588,310) 2012-01-19

[11] **2,861,803**
[13] C
[51] **Int.Cl. B24B 7/00 (2006.01)**
[25] EN
[54] **AUTOMATED SANDING SYSTEM**
[54] **SYSTEME DE PONCAGE AUTOMATISE**
[72] TRNKA, THOMAS EDWARD, US
[73] THE BOEING COMPANY, US
[86] (2861803)
[87] (2861803)
[22] 2014-09-03
[30] US (14/048591) 2013-10-08

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[11] **2,861,849**
[13] C
[51] **Int.Cl. B32B 5/18 (2006.01) B32B 9/00 (2006.01) B65D 1/00 (2006.01) B65D 1/02 (2006.01) B65D 23/02 (2006.01) B65D 65/42 (2006.01) C23C 16/27 (2006.01) C23C 16/42 (2006.01) C23C 16/50 (2006.01)**
[25] EN
[54] **VAPOR-DEPOSITED FOAMED BODY**
[54] **MOUSSE DE DEPOT EN PHASE VAPEUR**
[72] KOISO, NOBUHISA, JP
[72] ICHIKAWA, KENTAROU, JP
[72] AIHARA, TAKESHI, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2014-07-17
[86] 2013-02-05 (PCT/JP2013/052602)
[87] (WO2013/118718)
[30] JP (2012-024383) 2012-02-07

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[11] **2,862,740**
[13] C
[51] **Int.Cl. B04B 1/08 (2006.01) B04B 11/06 (2006.01)**
[25] EN
[54] **CENTRIFUGAL SEPARATOR WITH INLET ARRANGEMENT**
[54] **SEPARATEUR CENTRIFUGE AYANT UNE STRUCTURE D'ADMISSION**
[72] BORGSTROM, LEONARD, SE
[72] HURNASTI, LASSE, SE
[72] BULBUC, DANIEL JOHN, CA
[72] CHILDS, DAVID HAROLD, CA
[72] KIZIOR, THADDEUS EUGENE, CA
[72] REID, KEVIN, CA
[73] ALFA LAVAL CORPORATE AB, SE
[73] SYNCRUDE CANADA LTD., CA
[85] 2014-07-25
[86] 2013-02-15 (PCT/EP2013/053097)
[87] (WO2013/121009)
[30] EP (12155584.1) 2012-02-15

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[11] **2,862,852**
[13] C
[51] **Int.Cl. B26B 13/06 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND METHOD**
[54] **OUTIL ET PROCEDE DE COUPE**
[72] COFFLAND, DONALD WAYNE, US
[72] ANDERSON, CHRISTINE MARY, US
[72] BACKMAN, CURTIS LYNN, US
[72] AYERS, AARON R., US
[72] WRIGHT, DAVID SCOTT, US
[72] SHAPIRO, SCOTT EDWARD, US
[72] YOUNG, DONALD R., US
[73] THE BOEING COMPANY, US
[86] (2862852)
[87] (2862852)
[22] 2014-09-12
[30] US (14/059604) 2013-10-22

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[11] **2,863,688**
[13] C
[51] **Int.Cl. B65D 65/40 (2006.01) B32B 27/08 (2006.01) B32B 27/18 (2006.01) B65D 81/26 (2006.01)**
[25] EN
[54] **FILM WITH OXYGEN ABSORBING REGIONS**
[54] **FILM COMPRENANT DES REGIONS D'ABSORPTION D'OXYGENE**
[72] CHAU, CHIEH-CHUN, US
[73] MULTISORB TECHNOLOGIES, INC., US
[85] 2014-08-01
[86] 2013-02-08 (PCT/US2013/025373)
[87] (WO2013/119972)
[30] US (13/370,995) 2012-02-10

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[11] **2,864,376**
[13] C
[51] **Int.Cl. B82B 1/00 (2006.01) B82Y 30/00 (2011.01) B01D 39/18 (2006.01) B01D 69/10 (2006.01) B01D 71/10 (2006.01)**
[25] EN
[54] **POROUS BODY AND PROCESS FOR MANUFACTURING SAME**
[54] **CORPS POREUX ET SON PROCEDE DE FABRICATION**
[72] NEMOTO, JUNJI, JP
[72] SOYAMA, TOSHIHIKO, JP
[72] SAITO, TSUGUYUKI, JP
[72] ISOGAI, AKIRA, JP
[73] HOKUETSU KISHU PAPER CO., LTD., JP
[73] THE UNIVERSITY OF TOKYO, JP
[85] 2014-08-12
[86] 2012-02-15 (PCT/JP2012/053549)
[87] (WO2013/121539)

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[11] **2,865,370**
[13] C
[25] EN
[54] **STEREOLITHOGRAPHY METHOD FOR PRODUCING A THREE-DIMENSIONAL OBJECT, COMPRISING A MOVEMENT ACCORDING TO WHICH A SUPPORTING SURFACE FOR SAID OBJECT INTERMITTENTLY APPROACHES THE BOTTOM OF A CONTAINER, AND STEREOLITHOGRAPHY MACHINE USING SAID METHOD**
[54] **PROCEDE DE STEREOLITHOGRAPHIE SERVANT A LA PRODUCTION D'UN OBJET TRIDIMENSIONNEL, COMPRENANT UN MOUVEMENT EN FONCTION DUQUEL UNE SURFACE DE SUPPORT POUR LEDIT OBJET S'APPROCHE DE MANIERE INTERMITTENTE DU FOND D'UN RECIPIENT, ET MACHINE DE STEREOLITHOGRAPHIE UTILISANT LEDIT PROCEDE**
[72] FORTUNATO, ROBERTO, IT
[72] ZENERE, SERGIO, IT
[73] DWS SRL, IT
[85] 2014-08-22
[86] 2013-07-15 (PCT/IB2013/001540)
[87] (WO2014/013312)
[30] IT (VI2012A000172) 2012-07-16

---

[11] **2,865,769**
[13] C
[51] **Int.Cl. E21B 12/02 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **IDENTIFICATION EMITTERS FOR DETERMINING MILL LIFE OF A DOWNHOLE TOOL AND METHODS OF USING SAME**
[54] **EMETTEURS D'IDENTIFICATION POUR DETERMINER LA DUREE DE VIE DE TREPAN D'UN OUTIL DE FOND DE TROU ET LEURS PROCEDES D'UTILISATION**
[72] PALMER, LARRY T., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-08-27
[86] 2013-03-22 (PCT/US2013/033509)
[87] (WO2013/148509)
[30] US (61/616,161) 2012-03-27

[11] **2,867,059**
[13] C
[51] **Int.Cl. A01D 34/66 (2006.01)**
[25] EN
[54] **MOWING DEVICE**
[54] **DISPOSITIF DE TONTE**
[72] VONDRACEK, PAVEL, CZ
[72] DVORAK, LUBOMIR, CZ
[73] DVORAK - SVAHOVE SEKACKY S.R.O., CZ
[85] 2014-09-11
[86] 2013-10-24 (PCT/CZ2013/000136)
[87] (WO2014/067500)
[30] CZ (PV 2012-741) 2012-10-31

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[11] **2,867,136**
[13] C
[51] **Int.Cl. E06C 1/38 (2006.01) A62B 35/00 (2006.01) E06C 7/18 (2006.01) E06C 9/02 (2006.01)**
[25] EN
[54] **CLIMBING LOCKING SYSTEM FOR VERTICAL LADDERS**
[54] **SYSTEME EMPECHANT DE MONTER DESTINE A DES ECHELLES**
[72] HERMES, ARTHUR, DE
[72] ROTH, SIMON, DE
[73] LOGAER MASCHINENBAU GMBH, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-09-11
[86] 2013-03-20 (PCT/EP2013/055850)
[87] (WO2013/139865)
[30] DE (10 2012 204 643.7) 2012-03-22

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[11] **2,867,171**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/02 (2009.01) H04W 12/08 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **CONTEXTUAL-BASED VIRTUAL DATA BOUNDARIES**
[54] **LIMITES DE DONNEES VIRTUELLES CONTEXTUELLES**
[72] WHELAN, DAVID A., US
[72] GUTT, GREGORY M., US
[72] O'CONNOR, MICHAEL L., US
[72] AYYAGARI, ARUN, US
[72] LAWRENCE, DAVID G., US
[72] SCHMALZRIED, RACHEL, US
[73] THE BOEING COMPANY, US
[85] 2014-09-11
[86] 2013-04-25 (PCT/US2013/038282)
[87] (WO2013/173039)
[30] US (13/471,178) 2012-05-14

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[11] **2,868,417**
[13] C
[51] **Int.Cl. H04W 4/06 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **ENHANCED LOCAL COMMUNICATIONS IN MOBILE BROADBAND NETWORKS**
[54] **COMMUNICATIONS LOCALES AMELIOREES DANS DES RESEAUX A LARGE BANDE MOBILES**
[72] ETEMAD, KAMRAN, US
[72] ZHANG, YUJIAN, CN
[72] NIU, HUANING, US
[73] INTEL CORPORATION, US
[85] 2014-09-24
[86] 2013-04-12 (PCT/US2013/036468)
[87] (WO2013/155473)
[30] US (61/624,185) 2012-04-13
[30] US (13/719,372) 2012-12-19

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[11] **2,869,354**
[13] C
[51] **Int.Cl. E04B 9/12 (2006.01)**
[25] EN
[54] **SUSPENDED CEILING GRID CLIP FOR SECURING AN UNOPPOSED CROSS TEE TO A MAIN RUNNER**
[54] **ATTACHE DE RAIL DE PLAFOND SUSPENDU POUR FIXER UN RAIL TRANSVERSAL NON OPPOSE A UN RAIL PRINCIPAL**
[72] JANKOVEC, SCOTT G., US
[73] ROCKWOOL INTERNATIONAL A/S, DK
[86] (2869354)
[87] (2869354)
[22] 2014-10-31
[30] US (61/928,078) 2014-01-16

---

[11] **2,870,743**
[13] C
[51] **Int.Cl. G03B 35/20 (2006.01) G03B 21/60 (2014.01) G03B 27/22 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE TRIDIMENSIONNEL**
[72] KONG, LIANG, CN
[73] KONG, LIANG, CN
[85] 2014-10-16
[86] 2012-12-18 (PCT/CN2012/086885)
[87] (WO2013/102398)
[30] GB (1200012.1) 2012-01-03
[30] GB (1211542.4) 2012-06-29

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[11] **2,870,847**
[13] C
[51] **Int.Cl. G01V 9/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF MODELING HYDROCARBON FLOW FROM LAYERED SHALE FORMATIONS**
[54] **PROCEDES ET SYSTEMES POUR LA MODELISATION DE L'ECOULEMENT D'HYDROCARBURES DE FORMATIONS SCHISTEUSES STRATIFIEES**
[72] GORELL, SHELDON B., US
[72] WILLIAMS, KENNETH E., US
[72] KUMAR, AMIT, US
[72] DUSTERHOFT, RONALD G., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-10-17
[86] 2012-04-18 (PCT/US2012/034063)
[87] (WO2013/158089)

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[11] **2,871,567**
[13] C
[51] **Int.Cl. F16M 7/00 (2006.01) B61J 1/02 (2006.01) B64F 1/24 (2006.01) B66F 7/00 (2006.01) E02D 27/44 (2006.01)**
[25] EN
[54] **ON-SITE ASSEMBLED FOUNDATION MODULE**
[54] **MODULE DE FONDATION ASSEMBLE SUR PLACE**
[72] KNAPP, RYAN W., US
[72] MCGONAGLE, PETER, US
[72] O'DONNELL, MARK, US
[73] THE MACTON CORPORATION, US
[86] (2871567)
[87] (2871567)
[22] 2014-11-18
[30] US (14/085,489) 2013-11-20

[11] **2,871,610**
[13] C
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 56/00 (2009.01) H04W 88/16 (2009.01) H04B 1/713 (2011.01) G08B 17/00 (2006.01)**
[25] EN
[54] **METHOD OF COEXISTENCE OF MULTIPLE WIRELESS FIRE SYSTEMS**
[54] **PROCEDE DE COEXISTENCE DE RESEAUX D'INCENDIE SANS FIL MULTIPLES**
[72] KORE, VINAYAK SADASHIV, US
[72] BANSAL, SAMEER, US
[72] SHARMA, GOURAV, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2871610)
[87] (2871610)
[22] 2014-11-19
[30] US (14/100,241) 2013-12-09

[11] **2,872,360**
[13] C
[51] **Int.Cl. C09K 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING INHIBITION SLURRY CONTAINING PULVERIZED FUEL ASH FOR CONTROLLING FIRE IN COAL FIELDS**
[54] **PROCEDE DE PREPARATION DE BOUES D'EXTINCTION CONTENANT DES CENDRES VOLANTES POUR MAITRISE DE L'INCENDIE DANS LES CHAMPS DE CHARBON**
[72] QIN, BOTAO, CN
[72] LU, YI, CN
[72] ZHANG, LEILIN, CN
[72] SHEN, HONGMIN, CN
[72] JIA, YUWEI, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2014-11-26
[86] 2014-03-26 (PCT/CN2014/074072)
[87] (WO2015/007103)
[30] CN (201310299434.1) 2013-07-17

[11] **2,873,030**
[13] C
[51] **Int.Cl. G01F 25/00 (2006.01) G01F 1/38 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE TYPE FLOWMETER HAVING REDUNDANT PRESSURE SENSORS ALLOWING SENSOR FAILURE AND DEGRADATION DETECTION**
[54] **DEBITMETRE DE TYPE A PRESSION DIFFERENTIELLE COMPORTANT DES DETECTEURS DE PRESSION REDONDANTE PERMETTANT LA DETECTION DE PANNE DE DETECTEUR ET DE DEGRADATION**
[72] SITTLER, FRED C., US
[73] ROSEMOUNT INC., US
[85] 2014-11-07
[86] 2013-04-18 (PCT/US2013/037096)
[87] (WO2013/180843)
[30] US (13/482,167) 2012-05-29

[11] **2,873,107**
[13] C
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/34 (2006.01)**
[25] EN
[54] **FLEXIBLE MATERIALS FOR FLEXIBLE CONTAINERS**
[54] **MATERIAUX FLEXIBLES POUR RECIPIENTS FLEXIBLES**
[72] STANLEY, SCOTT KENDYL, US
[72] YOU, JUN, CN
[72] BOSWELL, EMILY CHARLOTTE, US
[72] ARENT, LEE MATHEW, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-11-07
[86] 2013-05-07 (PCT/US2013/039809)
[87] (WO2013/169688)
[30] US (61/643,813) 2012-05-07
[30] US (61/643,823) 2012-05-07
[30] US (61/676,042) 2012-07-26
[30] US (61/680,045) 2012-08-06
[30] US (61/727,961) 2012-11-19
[30] US (61/780,039) 2013-03-13
[30] US (61/782,219) 2013-03-14
[30] US (61/782,951) 2013-03-14
[30] US (61/782,859) 2013-03-14
[30] US (61/782,757) 2013-03-14
[30] US (61/789,135) 2013-03-15

[11] **2,873,261**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A61K 39/36 (2006.01) A61K 49/00 (2006.01) A61P 37/08 (2006.01) C07K 14/415 (2006.01) C12N 15/63 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **DNA SEQUENCE, AND RECOMBINANT PREPARATION OF GROUP 4 MAJOR ALLERGENS FROM CEREALS**
[54] **SEQUENCE D'ADN ET PREPARATION D'ADN RECOMBINANT DES PRINCIPAUX ALLERGENES DU GROUPE 4 PROVENANT DE CEREALES**
[72] FIEBIG, HELMUT, DE
[72] NANDY, ANDREAS, DE
[72] CROMWELL, OLIVER, DE
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
[86] (2873261)
[87] (2873261)
[22] 2004-12-01
[62] 2,549,573
[30] DE (103 59 351.9) 2003-12-16

[11] **2,873,290**
[13] C
[51] **Int.Cl. F16M 7/00 (2006.01) B66F 7/10 (2006.01) B66F 7/28 (2006.01) F16M 5/00 (2006.01) F16M 9/00 (2006.01)**
[25] EN
[54] **MACHINERY FOUNDATION MODULE**
[54] **SOCLE POUR MACHINERIE**
[72] KNAPP, RYAN W., US
[72] MCGONAGLE, PETER, US
[72] O'DONNELL, MARK, US
[73] THE MACTON CORPORATION, US
[86] (2873290)
[87] (2873290)
[22] 2014-12-02
[30] US (14/139,163) 2013-12-23

[11] **2,874,064**
[13] C
[51] **Int.Cl. G03B 17/00 (2006.01) B60P 3/00 (2006.01) B66C 23/42 (2006.01) B66F 11/04 (2006.01)**
[25] EN
[54] **CAMERA CRANE TRANSPORT VEHICLE**
[54] **VEHICULE DE TRANSPORT DE GRUE DE CAMERA**
[72] CHAPMAN, LEONARD T., US
[73] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[85] 2014-11-19
[86] 2013-05-24 (PCT/US2013/042733)
[87] (WO2013/184420)
[30] US (13/488,751) 2012-06-05

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[11] **2,874,308**
[13] C
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 31/12 (2006.01) F16K 37/00 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **FLUID CONTROL VALVE ASSEMBLY**
[54] **ENSEMBLE VANNE DE REGULATION DE FLUIDE**
[72] LEE, KWANG HO, KR
[73] YOUNGDO IND. CO., LTD., KR
[85] 2014-11-20
[86] 2013-05-20 (PCT/KR2013/004405)
[87] (WO2013/183871)
[30] KR (10-2012-0059897) 2012-06-04
[30] KR (10-2012-0059899) 2012-06-04

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[11] **2,874,685**
[13] C
[51] **Int.Cl. B64D 11/00 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **CLASS DIVIDING PASSENGER SEAT BULKHEAD**
[54] **CLOISON DE CABINE A SEPARATION DE CLASSES**
[72] POZZI, ALEXANDER NICHOLAS, US
[72] HONTZ, JEFFREY W., US
[73] B/E AEROSPACE, INC., US
[85] 2014-11-24
[86] 2013-07-11 (PCT/US2013/050038)
[87] (WO2014/011850)
[30] US (61/670,409) 2012-07-11

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[11] **2,875,353**
[13] C
[51] **Int.Cl. B01J 23/80 (2006.01) B01J 37/08 (2006.01) C07B 61/00 (2006.01) C07C 29/154 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **CATALYST FOR METHANOL PRODUCTION, METHOD OF PRODUCING THE SAME AND PROCESS OF METHANOL PRODUCTION**
[54] **CATALYSEUR POUR LA PRODUCTION DU METHANOL, SON PROCEDE DE PRODUCTION, ET PROCEDE DE PRODUCTION DU METHANOL**
[72] GOTO, YUYA, JP
[72] TAKAHASHI, NAOYA, JP
[72] YOSHINAGA, MASAKI, JP
[72] MURAKAMI, MASAMI, JP
[73] MITSUI CHEMICALS, INC., JP
[85] 2014-12-01
[86] 2013-06-03 (PCT/JP2013/065325)
[87] (WO2013/183577)
[30] JP (2012-127031) 2012-06-04

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[11] **2,876,055**
[13] C
[51] **Int.Cl. A47J 19/06 (2006.01) A47J 19/02 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **JUICER**
[54] **PRESSE-AGRUMES**
[72] KIM, YOUNG KI, KR
[73] KIM, YOUNG KI, KR
[85] 2014-12-08
[86] 2013-06-27 (PCT/KR2013/005675)
[87] (WO2014/003447)
[30] KR (10-2012-0071162) 2012-06-29
[30] KR (10-2013-0065189) 2013-06-07

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[11] **2,876,108**
[13] C
[51] **Int.Cl. C13K 1/02 (2006.01) B01J 3/00 (2006.01) B09B 3/00 (2006.01) C12P 7/10 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **BIOMASS HYDROTHERMAL DECOMPOSITION SYSTEM, SACCHARIDE SOLUTION PRODUCTION METHOD USING BIOMASS RAW MATERIAL, AND ALCOHOL PRODUCTION METHOD USING BIOMASS RAW MATERIAL**
[54] **SYSTEME DE DECOMPOSITION HYDROTHERMIQUE DE BIOMASSE, PROCEDE DE PRODUCTION DE SOLUTION DE SUCRE UTILISANT DE LA MATIERE DE DEPART BIOMASSE ET PROCEDE DE PRODUCTION D'ALCOOL UTILISANT DE LA MATIERE DE DEPART BIOMASSE**
[72] GENTA, MINORU, JP
[72] TERAKURA, SEIICHI, JP
[72] UEHARA, RYOSUKE, JP
[72] KOBAYASHI, SEIJI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD., JP
[85] 2014-12-09
[86] 2012-07-11 (PCT/JP2012/067726)
[87] (WO2014/010048)

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[11] **2,876,817**
[13] C
[51] **Int.Cl. B64D 37/04 (2006.01) B64C 1/06 (2006.01) B64C 1/18 (2006.01)**
[25] FR
[54] **ROTORCRAFT EQUIPPED WITH FUEL RESERVOIRS MOUNTED SUSPENDED UNDER A LOAD CARRYING MEDIAN FLOOR OF THE ROTORCRAFT FUSELAGE**
[54] **GIRAVION EQUIPE DE RESERVOIRS A CARBURANT MONTES PAR SUSPENSION SOUS UN PLANCHER MEDIAN TRAVAILLANT DU FUSELAGE DU GIRAVION**
[72] BISTUER, OLIVIER, FR
[72] MOUGIN, STEPHANE, FR
[72] KLOS, SEBASTIEN, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2876817)
[87] (2876817)
[22] 2014-12-24

[11] **2,877,958**
[13] C
[51] **Int.Cl. F16M 11/24 (2006.01) B66F 3/32 (2006.01) B66F 11/00 (2006.01) F16M 11/04 (2006.01) H04N 5/222 (2006.01)**
[25] EN
[54] **HYDRAULIC FLOAT DOWN VALVE FOR A CAMERA DOLLY OR CAMERA CRANE**
[54] **VALVE HYDRAULIQUE DE FREINAGE EN DESCENTE POUR CHARIOT DE CAMERA OU GRUE DE CAMERA**
[72] CHAPMAN, LEONARD T., US
[73] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[85] 2014-12-23
[86] 2013-07-16 (PCT/US2013/050709)
[87] (WO2014/014929)
[30] US (13/553,592) 2012-07-19

[11] **2,878,913**
[13] C
[51] **Int.Cl. B62D 21/00 (2006.01) B23K 20/12 (2006.01)**
[25] EN
[54] **FRICTION-STIR WELDED STRUCTURE**
[54] **STRUCTURE SOUDEE PAR FRICTION-MALAXAGE**
[72] HATA, TSUNEHISA, JP
[72] HIROBE, TOSHIKAZU, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2015-01-12
[86] 2013-05-30 (PCT/JP2013/064976)
[87] (WO2014/017167)
[30] JP (2012-165063) 2012-07-25

[11] **2,879,403**
[13] C
[51] **Int.Cl. F02K 3/06 (2006.01) F01D 9/02 (2006.01) F02C 7/00 (2006.01) F02C 7/04 (2006.01) F02C 7/057 (2006.01) F04D 29/54 (2006.01)**
[25] EN
[54] **ENGINE DUCT AND AIRCRAFT ENGINE**
[54] **CONDUITE DE MOTEUR ET MOTEUR D'AERONEF**
[72] KUSUDA, SHINYA, JP
[72] OOBA, YOSHINORI, JP
[73] IHI CORPORATION, JP
[85] 2015-01-16
[86] 2013-07-25 (PCT/JP2013/070171)
[87] (WO2014/017585)
[30] JP (2012-165652) 2012-07-26

[11] **2,880,364**
[13] C
[51] **Int.Cl. A61C 19/00 (2006.01)**
[25] EN
[54] **GAUZE PAD HOLDER FOR POST-SURGICAL INTRAORAL USE**
[54] **SUPPORT DE MAINTIEN D'UN TAMPON DE GAZE POUR USAGE INTRABUCCAL POST-CHIRURGICAL**
[72] TALAVERA-PERAZA, CESAR R., US
[73] TALAVERA-PERAZA, CESAR R., US
[86] (2880364)
[87] (2880364)
[22] 2015-01-30
[30] US (14189994) 2014-02-25

[11] **2,880,383**
[13] C
[51] **Int.Cl. F16C 25/04 (2006.01) B62D 3/12 (2006.01) F16C 17/02 (2006.01) F16C 29/02 (2006.01) F16C 33/20 (2006.01) F16C 35/02 (2006.01)**
[25] EN
[54] **BUSH BEARING AND RACK-AND-PINION TYPE STEERING APPARATUS FOR AUTOMOBILE USING THE SAME**
[54] **PALIER A DOUILLE ET DISPOSITIF DE DIRECTION A CREMAILLERE DESTINE A L'UTILISATION DANS L'AUTOMOBILE ET UTILISANT CELUI-CI**
[72] ODA, SHUNYA, JP
[72] NISHITANI, YOSUKE, JP
[72] NAKAGAWA, NOBORU, JP
[73] OILES CORPORATION, JP
[85] 2015-01-28
[86] 2013-06-18 (PCT/JP2013/003797)
[87] (WO2014/033992)
[30] JP (2012-190692) 2012-08-30

[11] **2,880,745**
[13] C
[51] **Int.Cl. A61L 27/12 (2006.01) A61L 27/36 (2006.01) A61L 27/50 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **HYDROPHILIC PHOSPHATE GROUP CONTAINING DEHYDRATED PARTIALLY PURIFIED BONE REPLACEMENT MATERIAL**
[54] **GROUPE PHOSPHATE HYDROPHILE CONTENANT UN MATERIAU DE SUBSTITUTION OSSEUSE PURIFIE ET PARTIELLEMENT DESHYDRATE**
[72] IMHOF, CORNEL, CH
[72] SCHLOSSER, LOTHAR, DE
[72] SCHAFER, BIRGIT, CH
[72] BUFLER, MICHAEL, CH
[73] GEISTLICH PHARMA AG, CH
[85] 2015-02-02
[86] 2013-07-29 (PCT/EP2013/002240)
[87] (WO2014/019672)
[30] EP (EP12005559) 2012-07-31
[30] EP (EP12005560) 2012-07-31

[11] **2,881,383**
[13] C
[51] **Int.Cl. B60D 1/14 (2006.01)**
[25] EN
[54] **GOOSENECK TOWING MODULE AND METHOD OF USE**
[54] **MODULE DE REMORQUAGE A COL DE CYGNE ET METHODE D'UTILISATION**
[72] THROOP, TODD, US
[73] TOWHAUL CORPORATION, US
[86] (2881383)
[87] (2881383)
[22] 2015-02-10
[30] US (14/191,703) 2014-02-27

[11] **2,881,992**
[13] C
[51] **Int.Cl. A61K 9/52 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **ENTERIC COATED MULTIPARTICULATE CONTROLLED RELEASE PEPPERMINT OIL COMPOSITION AND RELATED METHODS**
[54] **COMPOSITION MULTIPARTICULAIRE, REVETUE, ENTERIQUE, A LIBERATION CONTROLEE D'HUILE DE MENTHE POIVREE ET PROCEDES ASSOCIES**
[72] SHAH, SYED M., US
[72] HASSAN, DANIEL, US
[72] HASSAN, FRED, US
[73] ZX PHARMA, LLC, US
[85] 2015-02-13
[86] 2013-09-23 (PCT/US2013/000217)
[87] (WO2014/175852)
[30] US (61/815,073) 2013-04-23
[30] US (61/880,294) 2013-09-20

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[11] **2,883,337**
[13] C
[51] **Int.Cl. A01D 46/00 (2006.01)**
[25] EN
[54] **A METHOD FOR HARVESTING A BLUEBERRY FIELD**
[54] **UNE METHODE DE RECOLTE DESTINEE A UNE BLEUETIERE**
[72] PAULIN, DANIEL, CA
[72] PAULIN, ERIC, CA
[73] PAULIN, DANIEL, CA
[73] PAULIN, ERIC, CA
[86] (2883337)
[87] (2883337)
[22] 2015-02-27

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[11] ***2,883,524**
[13] C
[51] **Int.Cl. A01G 27/00 (2006.01) A47G 33/08 (2006.01)**
[25] EN
[54] **WATERING DEVICE INCORPORATING A LIGHT SOURCE**
[54] **DISPOSITIF D'ARROSAGE INCORPORANT UNE SOURCE LUMINEUSE**
[72] ONYEKA, GEORGE, GB
[73] ONYEKA, GEORGE, GB
[85] 2015-03-02
[86] 2012-09-20 (PCT/GB2012/000734)
[87] (WO2013/041827)
[30] GB (1116401.9) 2011-09-22
[30] GB (1116557.8) 2011-09-26
[30] GB (1118278.9) 2011-10-21
[30] GB (1207122.1) 2012-04-24
[30] GB (1215386.2) 2012-08-30

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[11] **2,883,794**
[13] C
[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **CEREBROSPINAL FLUID NEUROTRANSMITTER TUBE HOLDER**
[54] **SUPPORT DE TUBE DESTINE AU TEST DE NEUROTRANSMETTEUR DU LIQUIDE CEREBROSPINAL**
[72] DUNBAR, MARY J., CA
[73] DUNBAR, MARY J., CA
[86] (2883794)
[87] (2883794)
[22] 2015-03-03

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[11] **2,885,589**
[13] C
[51] **Int.Cl. G01R 22/06 (2006.01) H04B 10/25 (2013.01) G01R 21/00 (2006.01) G06K 17/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATING INTELLIGENT AC OUTLETS**
[54] **METHODE ET APPAREIL D'ETALONNAGE DE PRISES CA INTELLIGENTES**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2015-03-19
[86] 2013-08-27 (PCT/US2013/056733)
[87] (WO2014/065940)
[30] US (13/661,492) 2012-10-26

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[11] **2,885,953**
[13] C
[51] **Int.Cl. B64C 27/64 (2006.01) F15B 13/00 (2006.01)**
[25] FR
[54] **AIRCRAFT HYDRAULIC SYSTEM INCLUDING AT LEAST ONE SERVO, ASSOCIATED ROTOR AND AIRCRAFT**
[54] **SYSTEME HYDRAULIQUE D'AERONEF COMPRENANT AU MOINS UNE SERVOCOMMANDE, ROTOR ET AERONEF ASSOCIES**
[72] BIHEL, JEAN-ROMAIN, FR
[72] COIC, CLEMENT, FR
[72] MARGER, THIBAUT, FR
[72] COUDERC, GERARD, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2885953)
[87] (2885953)
[22] 2015-03-23
[30] FR (14 00938) 2014-04-18

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[11] **2,890,254**
[13] C
[51] **Int.Cl. B65D 77/02 (2006.01) A47G 19/00 (2006.01) B65D 1/26 (2006.01) B65D 21/02 (2006.01) B65D 43/16 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **FOOD STORAGE APPARATUS**
[54] **APPAREIL DE STOCKAGE D'ALIMENTS**
[72] PERSI, JOHN S., US
[73] PERSI ENTERPRISES LLC, US
[85] 2015-04-30
[86] 2012-10-24 (PCT/US2012/061552)
[87] (WO2013/066676)
[30] US (13/289,622) 2011-11-04

[11] **2,892,933**
[13] C
[51] **Int.Cl. E21B 23/14 (2006.01) E21B 17/02 (2006.01) E21B 47/12 (2012.01) E21B 49/00 (2006.01)**
[25] EN
[54] **MODULAR RESISTIVITY LOGGING TOOL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES POUR INSTRUMENT DE DIAGRAPHIE DE RESISTIVITE DE TYPE MODULAIRE**
[72] HERRERA, ADAN HERNANDEZ, US
[72] AINAPUR, ADARSH ARUN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-05-28
[86] 2013-12-04 (PCT/US2013/073165)
[87] (WO2014/093103)
[30] US (13/713,608) 2012-12-13

[11] **2,893,341**
[13] C
[51] **Int.Cl. B64C 1/14 (2006.01) B64C 27/04 (2006.01) B64C 39/02 (2006.01) B64D 29/00 (2006.01) B64D 33/08 (2006.01)**
[25] EN
[54] **CASING OPENING/CLOSING SYSTEM OF AN UNMANNED HELICOPTER**
[54] **DISPOSITIF D'OUVERTURE ET DE FERMETURE DE CAPOT D'UN HELICOPTERE INHABITE**
[72] ZHAO, SHUGUANG, CN
[72] QI, YONG, CN
[72] GAO, HONGWEI, CN
[73] TIANJIN AURORA UAV TECHNOLOGY CO., LTD, CN
[86] (2893341)
[87] (2893341)
[22] 2015-06-02
[30] CN (2014103153723) 2014-07-03

[11] **2,893,504**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 17/02 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **PEPTIDE COMPOUNDS AND METHODS OF PRODUCTION AND USE THEREOF**
[54] **COMPOSES PEPTIDIQUES ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] PEREIRA, H. ANNE, US
[72] KASUS-JACOBI, ANNE, US
[72] GRIFFITH, GINA L., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US
[85] 2015-06-03
[86] 2013-12-03 (PCT/US2013/072884)
[87] (WO2014/089088)
[30] US (61/732,750) 2012-12-03
[30] US (61/812,584) 2013-04-16
[30] US (61/813,527) 2013-04-18

[11] **2,893,552**
[13] C
[51] **Int.Cl. C02F 1/56 (2006.01) C10G 1/00 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **TREATING OIL SAND TAILINGS**
[54] **TRAITEMENT DE RESIDUS DE SABLES BITUMINEUX**
[72] LIN, CHRISTOPHER, CA
[72] OLDENBURG, PAUL, US
[72] RENNARD, DAVID C., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2893552)
[87] (2893552)
[22] 2015-06-04

[11] **2,895,054**
[13] C
[51] **Int.Cl. C08L 101/12 (2006.01) C08K 3/16 (2006.01) C08K 3/34 (2006.01) C08L 65/00 (2006.01) C08L 79/02 (2006.01) C08L 79/04 (2006.01) C23C 22/34 (2006.01)**
[25] EN
[54] **CHROMIUM-FREE CONVERSION COATING**
[54] **REVETEMENT DE CONVERSION SANS CHROME**
[72] LAPENA REY, NIEVES, US
[72] SANTA COLOMA MOZO, PATRICIA, US
[72] IZAGIRRE ETXEBERRIA, USOA, US
[72] ZUBILLAGA ALCORTA, OIHANA, US
[72] CANO IRANZO, FRANCISCO J., US
[73] THE BOEING COMPANY, US
[86] (2895054)
[87] (2895054)
[22] 2015-06-17
[30] US (14/628,756) 2015-02-23

[11] **2,896,393**
[13] C
[51] **Int.Cl. H01H 50/00 (2006.01)**
[25] EN
[54] **RELAY**
[54] **RELAIS**
[72] SASAKI, TOMOAKI, JP
[72] IMAI, TAKFUMI, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[86] (2896393)
[87] (2896393)
[22] 2015-07-08
[30] JP (2014-142915) 2014-07-11

[11] **2,896,493**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **NATURAL-LANGUAGE RENDERING OF STRUCTURED SEARCH QUERIES**
[54] **RENDU EN LANGAGE NATUREL DE REQUETES DE RECHERCHE STRUCTUREES**
[72] VEE, ERIK N., US
[72] CHATOT, OLIVIER, US
[73] FACEBOOK, INC., US
[85] 2015-06-25
[86] 2013-12-17 (PCT/US2013/075536)
[87] (WO2014/105499)
[30] US (13/731,866) 2012-12-31
[30] EP (13197468.5) 2013-12-16

[11] **2,897,110**
[13] C
[51] **Int.Cl. H04W 8/24 (2009.01) H04W 24/02 (2009.01)**
[25] EN
[54] **SYSTEM FOR INTELLIGENT CONTEXT-BASED ADJUSTMENTS OF COORDINATION AND COMMUNICATION BETWEEN MULTIPLE MOBILE HOSTS ENGAGING IN SERVICES**
[54] **SYSTEME POUR DES AJUSTEMENTS INTELLIGENTS, REPOSANT SUR DES CONTEXTES, DE COORDINATION ET DE COMMUNICATION ENTRE PLUSIEURS HOTES MOBILES**
[72] FALCHUK, BENJAMIN, US
[72] LOEB, SHOSHANA K., US
[73] TELCORDIA TECHNOLOGIES, INC., US
[86] (2897110)
[87] (2897110)
[22] 2008-07-30
[62] 2,695,189
[30] US (60/962,561) 2007-07-30

[11] **2,899,082**
[13] C
[51] **Int.Cl. E01C 13/02 (2006.01) E01C 13/04 (2006.01) E01C 13/08 (2006.01) E04F 15/18 (2006.01)**
[25] EN
[54] **LOAD SUPPORTING PANEL HAVING IMPACT ABSORBING STRUCTURE**
[54] **PANNEAU DE SUPPORT DE CHARGE COMPRENANT UNE STRUCTURE ANTICHOC**
[72] SAWYER, STEVEN LEE, IT
[73] BROCK INTERNATIONAL, US
[86] (2899082)
[87] (2899082)
[22] 2011-02-11
[62] 2,788,637
[30] US (61/303,350) 2010-02-11
[30] US (12/830,902) 2010-07-06

[11] **2,900,368**
[13] C
[51] **Int.Cl. H02K 9/06 (2006.01) H02K 5/20 (2006.01)**
[25] EN
[54] **BRUSHLESS ELECTRICAL MACHINE WITH AIR COOLING**
[54] **MACHINE ELECTRIQUE SANS BALAI A REFROIDISSEMENT A AIR**
[72] POPOV, ENCHO NIKOLOV, BG
[73] ALMOTT LTD., BG
[85] 2015-08-11
[86] 2015-03-26 (PCT/BG2015/000007)
[87] (WO2016/134428)
[30] BG (111940) 2015-02-23

[11] **2,901,619**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MONITORING ALIGNMENT OF COMPUTER FILE STATES ACROSS A GROUP OF USERS**
[54] **SURVEILLANCE DE L'ALIGNEMENT D'ETATS DE FICHIERS INFORMATIQUES A L'ECHELLE D'UN GROUPE D'UTILISATEURS**
[72] GAMMANS, CHARLES C., CA
[73] ULTRALIGHT TECHNOLOGIES INC., CA
[86] (2901619)
[87] (2901619)
[22] 2015-08-26

[11] **2,903,598**
[13] C
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **ACCOMMODATING INTRAOCULAR LENS, LENS SYSTEM AND FRAME THEREFOR**
[54] **LENTILLE INTRAOCULAIRE D'ACCOMMODATION, SYSTEME DE LENTILLE ET STRUCTURE POUR LENTILLE**
[72] HERMANS, ERIK AD, NL
[72] VAN DER HEIJDE, GERRIT LUDOLPH, NL
[72] TERWEE, THOMAS HENRICUS MARIE, NL
[73] AMO GRONINGEN B.V., NL
[86] (2903598)
[87] (2903598)
[22] 2007-12-12
[62] 2,673,388
[30] US (60/871,632) 2006-12-22
[30] EP (06127102.9) 2006-12-22

[11] **2,903,659**
[13] C
[51] **Int.Cl. E03D 1/34 (2006.01)**
[25] EN
[54] **FLUSH VALVE DIAPHRAGM**
[54] **DIAPHRAGME DE SOUPAPE DE VIDANGE**
[72] FUNARI, MICHAEL A., US
[72] DAVIS, MATTHEW C., US
[72] SCHOOLCRAFT, JOHN K., US
[73] ZURN INDUSTRIES, LLC, US
[86] (2903659)
[87] (2903659)
[22] 2015-09-11
[30] US (62/049,455) 2014-09-12
[30] US (14/850,415) 2015-09-10

[11] **2,905,047**
[13] C
[51] **Int.Cl. A47K 11/02 (2006.01) A47K 11/04 (2006.01)**
[25] EN
[54] **PORT-A-POD-Y PORTABLE RESTROOM SYSTEM**
[54] **SYSTEME DE TOILETTES PORTABLES**
[72] VAN DER LINDE, PETER, US
[73] VAN DER LINDE, PETER, US
[85] 2015-09-09
[86] 2014-03-14 (PCT/US2014/028007)
[87] (WO2014/143856)
[30] US (13/833,261) 2013-03-15

[11] **2,905,197**
[13] C
[51] **Int.Cl. C25B 1/16 (2006.01) B01D 61/46 (2006.01) C01D 15/02 (2006.01) C25B 9/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING LITHIUM HYDROXIDE**
[54] **PROCEDES POUR LA PREPARATION D'HYDROXYDE DE LITHIUM**
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] BAR, DANIEL, US
[72] LANGEVIN, MARIE-EVE, US
[72] BOURASSA, GUY, CA
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] PEARSE, GARY, CA
[73] NEMASKA LITHIUM INC., CA
[85] 2015-09-10
[86] 2014-03-17 (PCT/CA2014/000264)
[87] (WO2014/138933)
[30] US (61/788,292) 2013-03-15

[11] **2,907,275**
[13] C
[51] **Int.Cl. C11B 1/06 (2006.01) A23D 9/00 (2006.01) A61K 36/81 (2006.01) C10L 1/02 (2006.01) C10L 5/44 (2006.01) C10M 101/04 (2006.01)**
[25] EN
[54] **MUTAGENIZED TOBACCO PLANT AS SEED CULTURE FOR THE PRODUCTION OF OIL FOR ENERGETIC, INDUSTRIAL AND ALIMENTARY USES**
[54] **PLANT DE TABAC MUTAGENISE COMME CULTURE DE DEPART DESTINEE A LA PRODUCTION D'HUILE EN VUE D'USAGES ENERGETIQUES, INDUSTRIELS ET ALIMENTAIRES**
[72] FOGHER, CORRADO, IT
[73] AEP ADVANCED ECOPOWER PATENTS SA, CH
[86] (2907275)
[87] (2907275)
[22] 2007-08-27
[62] 2,681,169
[30] IT (RM2007/A000129) 2007-03-14

[11] **2,909,568**
[13] C
[51] **Int.Cl. H01M 8/2404 (2016.01) H01M 8/0286 (2016.01) H01M 8/241 (2016.01) H01M 8/248 (2016.01)**
[25] EN
[54] **FUEL CELL STACK MANUFACTURING METHOD AND MANUFACTURING DEVICE**
[54] **PROCEDE DE FABRICATION ET DISPOSITIF DE FABRICATION D'UN COEUR DE PILE A COMBUSTIBLE**
[72] ICHIHARA, KEIJI, JP
[72] HOSHINA, AKIO, JP
[72] WATANABE, HIROSHI, JP
[72] KAGEYAMA, KAZUHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-10-15
[86] 2014-03-20 (PCT/JP2014/057900)
[87] (WO2014/171260)
[30] JP (2013-085251) 2013-04-15

[11] **2,909,794**
[13] C
[51] **Int.Cl. B65D 81/30 (2006.01) B29C 49/00 (2006.01)**
[25] EN
[54] **COMPOSITE FOAMED CONTAINER**
[54] **CONTENEUR EN MOUSSE COMPOSITE**
[72] ICHIKAWA, KENTAROU, JP
[72] AKUZAWA, NORIO, JP
[72] KOISO, NOBUHISA, JP
[72] IINO, HIROKI, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2015-10-16
[86] 2014-04-25 (PCT/JP2014/061712)
[87] (WO2014/178346)
[30] JP (2013-096759) 2013-05-02

[11] **2,913,240**
[13] C
[51] **Int.Cl. B01D 53/80 (2006.01) F23J 7/00 (2006.01) F23J 15/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR TREATING GAS BY INJECTING A POWDERED COMPOUND AND AN AQUEOUS PHASE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE GAZ PAR INJECTION DE COMPOSE PULVERULENT ET DE PHASE AQUEUSE**
[72] PETTIAU, XAVIER, BE
[72] NYSSEN, OLIVIER, BE
[72] BRASSEUR, ALAIN, BE
[72] LAUDET, ALAIN, BE
[73] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
[85] 2015-11-20
[86] 2014-06-20 (PCT/EP2014/063017)
[87] (WO2014/206880)
[30] BE (2013/0435) 2013-06-25

[11] **2,915,123**
[13] C
[51] **Int.Cl. H04W 8/22 (2009.01) H04W 8/18 (2009.01) H04W 80/04 (2009.01) H04W 92/08 (2009.01) H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **DETECTING CARRIERS FOR MOBILE DEVICES**
[54] **DETECTION DE PORTEUSES POUR DES DISPOSITIFS MOBILES**
[72] SHAO, WENQI, US
[72] BAIN, ALEX, US
[72] LIANG, YINGYI, US
[72] SADEWHITE, JAMES, US
[72] CHING, TSZ KUEN, US
[73] FACEBOOK, INC., US
[85] 2015-12-10
[86] 2014-06-13 (PCT/US2014/042247)
[87] (WO2014/204797)
[30] US (13/922,144) 2013-06-19

[11] **2,918,662**
[13] C
[51] **Int.Cl. G08B 17/10 (2006.01) H04W 52/02 (2009.01) H04W 80/02 (2009.01) G08B 21/14 (2006.01)**
[25] EN
[54] **BIFURCATED PROCESSOR HAZARD DETECTION SYSTEMS**
[54] **SYSTEMES DE DETECTION DE DANGER A PROCESSEUR BIFURQUE**
[72] SMITH, IAN C., US
[72] WARREN, DANIEL ADAM, US
[72] MULLINS, SCOTT, US
[72] CONNER, BRIAN JONATHAN, US
[73] GOOGLE INC., US
[85] 2016-01-18
[86] 2014-07-17 (PCT/US2014/046987)
[87] (WO2015/009908)
[30] US (61/847,916) 2013-07-18
[30] US (61/847,905) 2013-07-18

[11] **2,923,722**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **PREDEFINING ELEMENTS OF A CEMENTED WELLBORE**
[54] **ELEMENTS DE PREDEFINITION D'UN PUITS DE FORAGE CIMENTE**
[72] WHALLEY, ANDREW JAMES, CA
[72] GOSLING, PETER, CA
[72] URDANETA, GUSTAVO ADOLFO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-03-08
[86] 2013-10-08 (PCT/US2013/063903)
[87] (WO2015/053755)

[11] **2,923,923**
[13] C
[51] **Int.Cl. G21B 1/11 (2006.01) G21B 1/03 (2006.01) G21B 1/15 (2006.01)**
[25] EN
[54] **SYSTEM FOR INERTIALLY COMPRESSING A FUSION FUEL PELLET WITH TEMPORALLY SPACED X-RAY PULSES**
[54] **SYSTEME DE COMPRESSION INERTIELLE D'UNE PASTILLE DE COMBUSTIBLE DE FUSION A IMPULSIONS DE RAYONNEMENT X ESPACEES DANS LE TEMPS**
[72] BIRNBACH, CURTIS A., US
[73] ADVANCED FUSION SYSTEMS LLC, US
[86] (2923923)
[87] (2923923)
[22] 2009-08-28
[62] 2,733,939
[30] US (61/190435) 2008-08-28
[30] US (61/211449) 2009-03-30

[11] **2,926,422**
[13] C
[51] **Int.Cl. B62D 21/00 (2006.01) B62D 33/067 (2006.01) E06C 5/04 (2006.01)**
[25] EN
[54] **SELF-DEPLOYING SERVICE STEP**
[54] **ETAPE DE MAINTENANCE AUTODEPLOYANTE**
[72] ANGELO, GERALD J., US
[73] PACCAR INC, US
[85] 2016-04-05
[86] 2014-08-29 (PCT/US2014/053579)
[87] (WO2015/053877)
[30] US (14/047,781) 2013-10-07

[11] **2,932,103**
[13] C
[51] **Int.Cl. B05D 1/18 (2006.01) B05C 3/09 (2006.01)**
[25] EN
[54] **COATING MATERIAL DISTRIBUTION USING SIMULTANEOUS ROTATION AND VIBRATION**
[54] **MATERIAU DE REVETEMENT PAR UTILISATION D'UNE ROTATION ET D'UNE VIBRATION SIMULTANEES**
[72] RYABOVA, ELMIRA, US
[72] RYABOV, VALENTIN, US
[73] ADVENIRA ENTERPRISES, INC., US
[85] 2016-05-30
[86] 2014-10-16 (PCT/US2014/060804)
[87] (WO2015/084490)
[30] US (14/095,854) 2013-12-03

[11] **2,936,425**
[13] C
[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
[73] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[86] (2936425)
[87] (2936425)
[22] 2014-12-05
[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

Canadian Applications Open to Public Inspection

November 6, 2016 to November 12, 2016

Demandes canadiennes mises à la disponibilité du public

6 novembre 2016 au 12 novembre 2016

---

[21] **2,885,404**
[13] A1
[51] **Int.Cl. A45F 5/02 (2006.01) A45C 11/04 (2006.01)**
[25] EN
[54] **MAGNETIZED EYE GLASSES CASE**
[54] **BOITIER A LUNETTES MAGNETISE**
[72] GIRARD, LEN M., CA
[71] GIRARD, LEN M., CA
[22] 2015-05-07
[41] 2016-11-07

---

[21] **2,887,186**
[13] A1
[51] **Int.Cl. H01L 21/58 (2006.01) H01L 25/00 (2006.01) H01L 33/00 (2010.01)**
[25] EN
[54] **SELECTIVE TRANSFERRING AND BONDING OF PRE-FABRICATED MICRO-DEVICES**
[54] **TRANSFERT ET LIAISON SELECTIFS DE MICRO-DISPOSITIFS PREFABRIQUES**
[72] CHAJI, GHOLAMREZA, CA
[72] FATHI, EHSANALLAH, CA
[71] IGNIS INNOVATION INC., CA
[22] 2015-05-12
[41] 2016-11-12

---

[21] **2,890,541**
[13] A1
[51] **Int.Cl. C23F 13/20 (2006.01)**
[25] EN
[54] **CATHODIC PROTECTION THROUGH DIRECT CURRENT INDUCTION**
[54] **PROTECTION CATHODIQUE ASSUREE PAR L'INDUCTION D'UN COURANT DIRECT**
[72] STONE, CHRISTIEN R., CA
[71] STONE, CHRISTIEN R., CA
[22] 2015-05-07
[41] 2016-11-07

---

[21] **2,890,580**
[13] A1
[51] **Int.Cl. C07K 14/33 (2006.01) A61K 39/08 (2006.01) A61K 39/385 (2006.01) A61K 39/40 (2006.01) C07K 16/12 (2006.01) C07K 17/02 (2006.01) C07K 19/00 (2006.01) C12P 21/02 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **CLOSTRIDIUM DIFFICILE VACCINE**
[54] **VACCIN CONTRE LE CLOSTRIDIUM DIFFICILE**
[72] LOGAN, SUSAN M., CA
[72] TWINE, SUSAN M., CA
[72] AUBRY, ANNIE, CA
[72] FULTON, KELLY, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA (NRC), CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,890,606**
[13] A1
[51] **Int.Cl. C08F 4/16 (2006.01) C08F 4/02 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **PROCESS FOR POLYMERIZATION USING DENSE AND SPHERICAL ZIEGLER-NATTA TYPE CATALYST**
[54] **PROCEDE DE POLYMERISATION AU MOYEN DE CATALYSEUR DE TYPE ZIEGLER-NATTA SPHERIQUE DENSE**
[72] WANG, QINYAN, CA
[72] KONDAGE, SAVINI UDARA SUDUWELI, AU
[72] KELLY, MARK, CA
[72] BALTIMORE, AMY MARIE, CA
[72] LOGAN, JESSAMYN ROSS, CA
[72] CRAIG, TYLER, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2015-05-07
[41] 2016-11-07

---

[21] **2,890,665**
[13] A1
[51] **Int.Cl. C09K 8/04 (2006.01) C09K 8/588 (2006.01) E21B 21/00 (2006.01) E21B 21/14 (2006.01)**
[25] EN
[54] **AQUEOUS DRILLING FLUIDS FOR DUAL POLYMER ENCAPSULATION**
[54] **FLUIDES DE FORAGE AQUEUX DESTINES A L'ENCAPSULATION DE POLYMERE DOUBLE**
[72] MIRZAEI, AMIR A., CA
[72] RAD, HIRBOD, CA
[71] UNIQUEM INC., CA
[22] 2015-05-06
[41] 2016-11-06

---

[21] **2,890,696**
[13] A1
[51] **Int.Cl. F28C 1/14 (2006.01) F28C 1/16 (2006.01) F28F 25/12 (2006.01)**
[25] EN
[54] **AIR-TO-AIR HEAT EXCHANGER BYPASS FOR WET COOLING TOWER APPARATUS AND METHOD**
[54] **DEVIATION D'ECHANGEUR DE CHALEUR AIR-AIR DESTINE A UN APPAREILLAGE DE TOUR DE REFROIDISSEMENT HUMIDE ET METHODE**
[72] MOCKRY, ELDON F., US
[72] MORTENSEN, KENNETH P., US
[72] HICKMAN, CRAIG J., US
[71] SPX COOLING TECHNOLOGIES, INC., US
[22] 2015-05-06
[41] 2016-11-06

[21] **2,890,709**
[13] A1
[51] **Int.Cl. A43B 13/38 (2006.01) A43B 11/00 (2006.01) A43B 13/36 (2006.01) A45B 3/00 (2006.01) A45B 7/00 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **EGRONOMIC SHOE AND BOOT GRIP APPARATUS**
[54] **APPAREIL DE SAISIE DE BOTTE ET CHAUSSURE ERGONOMIQUE**
[72] GELLER, BRANDON, CA
[71] GELLER, BRANDON, CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,890,738**
[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) F28C 1/00 (2006.01) F28F 25/00 (2006.01) F28G 13/00 (2006.01) G01N 27/10 (2006.01)**
[25] EN
[54] **WATER DISINFECTION APPARATUS AND METHOD FOR DISINFECTION OF RECIRCULATED WATER IN A COOLING TOWER**
[54] **APPAREIL DE DESINFECTION DE L'EAU ET METHODE DE DESINFECTION DE L'EAU RECIRCULEE DANS UNE TOUR DE REFROIDISSEMENT**
[72] GILBERT, DAVE, CA
[71] EMO3 INC., CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,890,888**
[13] A1
[51] **Int.Cl. C12Q 1/48 (2006.01) A01G 17/00 (2006.01) A61K 31/05 (2006.01) A61K 31/7034 (2006.01) A61K 36/87 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) A01H 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING NUTRACEUTICAL PHYTOCHEMICALS IN GRAPES**
[54] **PROCEDE DE DIMINUTION DES ELEMENTS PHYTOCHIMIQUES NUTRACEUTIQUES DANS LES RAISINS**
[72] DE LUCA, VINCENZO, CA
[72] INGLIS, DEBRA, CA
[71] SWEET & STICKY INC., CA
[71] DE LUCA, VINCENZO, CA
[71] INGLIS, DEBRA, CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,890,971**
[13] A1
[51] **Int.Cl. G01M 3/00 (2006.01)**
[25] EN
[54] **CONTAINMENT INTEGRITY SENSOR DEVICE**
[54] **DISPOSITIF DETECTEUR D'INTEGRITE DE CONFINEMENT**
[72] SLUPSKY, STEVEN, CA
[72] SELLATHAMBY, CHRISTOPHER, CA
[71] SCANIMETRICS INC., CA
[22] 2015-05-12
[41] 2016-11-12
[30] US (61992077) 2015-05-12

---

[21] **2,890,974**
[13] A1
[51] **Int.Cl. F04B 53/00 (2006.01) E21B 43/12 (2006.01) F04B 47/06 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **METHOD OF SUPPLYING FLUID TO AN ELECTRIC SUBMERSIBLE PUMP**
[54] **METHODE D'APPROVISIONNEMENT DE FLUIDE A UNE POMPE SUBMERSIBLE ELECTRIQUE**
[72] CHALIFOUX, GERALD, CA
[72] JONES, CLINT, CA
[71] PETROSPEC ENGINEERING LTD., CA
[22] 2015-05-12
[41] 2016-11-12

---

[21] **2,890,976**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01)**
[25] EN
[54] **TREATMENT OF TAILINGS WITH MAGNETIC PARTICLES**
[54] **TRAITEMENT DE RESIDUS AU MOYEN DE PARTICULES MAGNETIQUES**
[72] BELANGER, PAUL, CA
[71] ADVANCED CONSERVATION TECHNOLOGIES INC., CA
[22] 2015-05-12
[41] 2016-11-12

[21] **2,890,980**
[13] A1
[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/44 (2006.01) A61K 8/64 (2006.01) A61K 31/198 (2006.01) A61K 31/4741 (2006.01) A61K 35/04 (2006.01) A61K 36/00 (2006.01) A61K 36/185 (2006.01) A61K 36/258 (2006.01) A61K 36/31 (2006.01) A61K 36/324 (2006.01) A61K 36/36 (2006.01) A61K 36/481 (2006.01) A61K 36/55 (2006.01) A61K 36/736 (2006.01) A61K 36/81 (2006.01) A61K 36/9066 (2006.01) A61K 38/06 (2006.01) A61K 38/48 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **THE FORMULATIONS OR FORMULAS AND COMBINATIONS OF INGREDIENTS OF AN AGE DEFYING PRODUCT (S) -- MT-1000, SECOND AND THIRD GENERATIONS, WHICH ARE FOR ANTI-AGING, REVERSING AGE AND CORRECTING AGE ASSOCIATED DISEASES THROUGH REACTIVATING TELOMERE ENZYME AND REDUCING IGF-1**
[54] **LES FORMULATIONS OU LES FORMULES ET COMBINAISONS D'INGREDIENTS DE PRODUIT ANTI-AGE (S) -- MT-1000, DEUXIEME ET TROISIEME GENERATIONS, QUI VISENT L'ANTI-VIEILLISSEMENT, LE RAJEUNISSEMENT ET LES SOINS RELATIVEMENT AUX MALADIES ASSOCIEES A L'AGE PAR LA REACTIVATION DE L'ENZYME TELOMERE ET LA REDUCTION D'IGF-1**
[72] JIAN, MING, CA
[71] JIAN, MING, CA
[22] 2015-05-11
[41] 2016-11-11

---

[21] **2,890,999**
[13] A1
[51] **Int.Cl. A01K 47/00 (2006.01) A01K 47/06 (2006.01)**
[25] EN
[54] **BEE NEST SURROUND WITH MULTI-PIECE BACKING AND SEPARATE ATTACHABLE SIDE WALLS**
[54] **ENVELOPPE EN NID D'ABEILLE DOTEE D'ENDOS A PLUSIEURS PIECES ET DE PAROIS LATERALES ATTACHABLES SEPAREES**
[72] DEAN, BRENT D., CA
[71] HWY 123 FARMS LTD., CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,891,001**
[13] A1
[51] **Int.Cl. G02C 9/00 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **ADAPTER SUPPORTING HEADS-UP DISPLAY ON SAFETY GLASSES**
[54] **ADAPTATEUR SUPPORTANT L'AFFICHAGE FRONTAL SUR LES VERRES DE SECURITE**
[72] ENNS, DAVID A., CA
[72] NADLER, RYAN, CA
[72] KULCHYCKI, MARK, CA
[71] VISUALSPECTION INC., CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,891,018**
[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) H04W 4/00 (2009.01) H04W 88/00 (2009.01) A01F 25/00 (2006.01) A01F 25/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATING GRAIN BIN CONDITION DATA TO A SMARTPHONE**
[54] **SYSTEME ET METHODE DE COMMUNICATION DE DONNEES D'ETAT DE BAC A GRAINS VERS UN TELEPHONE INTELLIGENT**
[72] FOLK, KYLE, CA
[71] INTRAGRAIN TECHNOLOGIES INC., CA
[22] 2015-05-07
[41] 2016-11-07

---

[21] **2,891,020**
[13] A1
[51] **Int.Cl. G09B 23/06 (2006.01) G09B 27/06 (2006.01)**
[25] EN
[54] **MOON PHASES, LUNAR ECLIPSES, SOLAR ECLIPSES AND SEASONS DISPLAY SYSTEM**
[54] **DISPOSITIF D'AFFICHAGE DES PHASES LUNAIRES, DES ECLIPSES LUNAIRES, DES ECLIPSES SOLAIRES ET DES SAISONS**
[72] LOZADA, PAULINO J., CA
[71] LOZADA, PAULINO J., CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,891,039**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01)**
[25] EN
[54] **HYDROSEEDER WITH PIVOTING AUGER CONVEYOR**
[54] **HYDRO-SEMOIR DOTE D'UN TRANSPORTEUR A VIS PIVOTANT**
[72] THOMAS, THOMAS M., CA
[71] DOUBLE T EQUIPMENT LTD., CA
[22] 2015-05-12
[41] 2016-11-12
[30] US (14/709,557) 2015-05-12

---

[21] **2,891,043**
[13] A1
[51] **Int.Cl. F16L 37/32 (2006.01) F24F 1/02 (2011.01) F24F 13/22 (2006.01)**
[25] EN
[54] **WATER-SEAL CONNECTOR AND AIR-CONDITIONING DEVICE WITH THE SAME**
[54] **CONNECTEUR ETANCHE A L'EAU ET DISPOSITIF DE CONDITIONNEMENT DE L'AIR COMPORTANT LEDIT CONNECTEUR**
[72] CHIU, MING-TSUNG, TW
[71] NEW WIDETECH INDUSTRIES CO., LTD., TW
[22] 2015-05-11
[41] 2016-11-11

[21] **2,891,046**
[13] A1
[51] **Int.Cl. B26B 11/00 (2006.01) A44B 15/00 (2006.01) B26B 1/08 (2006.01) B43M 7/00 (2006.01) F21V 33/00 (2006.01) G11C 16/02 (2006.01)**
[25] EN
[54] **MUILTIFUNCTION LETTER OPENER**
[54] **OUVRE-LETTRE MULTIFONCTION**
[72] HUYNH, NAM N., CA
[71] HUYNH, NAM N., CA
[22] 2015-05-08
[41] 2016-11-08

---

[21] **2,891,135**
[13] A1
[51] **Int.Cl. B65D 55/02 (2006.01)**
[25] EN
[54] **THE LEVER LOCKING MECHANISM**
[54] **LE MECANISME DE VERROU A LEVIER**
[72] FAN, HIN H. F., CA
[71] FAN, HIN H. F., CA
[22] 2015-05-12
[41] 2016-11-12

---

[21] **2,892,324**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLEMENTING TRADING AND GLOBAL MATCHING BASED ON REQUEST AND OFFER OF LIQUIDITY**
[54] **SYSTEMES ET METHODES DE MISE EN OEUVRE D'ECHANGE ET DE MISE EN CONCORDANCE FONDES SUR LA DEMANDE ET L'OFFRE DE LIQUIDITE**
[72] CICERO, FRANCESCO, GB
[72] PREST, SIMON, GB
[71] GFI GROUP, INC., US
[22] 2015-05-21
[41] 2016-11-11
[30] US (14/708,451) 2015-05-11

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[21] **2,894,111**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01) B62D 5/06 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL TOWED SNOWPLOW AND METHOD OF PLOWING**
[54] **CHASSE-NEIGE REMORQUE BIDIRECTIONNEL ET METHODE D'ENLEVEMENT DE LA NEIGE**
[72] MANION, LEO P., CA
[72] MISHRA, AMIYA, CA
[72] REEVES, WILLIAM J., CA
[72] SIMPSON, GERALD N., CA
[71] CIVES CORPORATION, US
[22] 2015-06-11
[41] 2016-11-12
[30] US (14/710,056) 2015-05-12

---

[21] **2,894,740**
[13] A1
[51] **Int.Cl. E03B 9/02 (2006.01) B25B 13/48 (2006.01) F16K 31/46 (2006.01) F21L 4/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **LIGHTED MUNICIPAL VALVE KEY**
[54] **CLE DE VANNE MUNICIPALE ECLAIREE**
[72] SMITH, CHARLES, US
[72] CONVENTRY, GREGORY, US
[71] CPI EXCAVATING INC., US
[22] 2015-06-18
[41] 2016-11-06
[30] US (14/705,622) 2015-05-06

---

[21] **2,895,887**
[13] A1
[51] **Int.Cl. A41C 3/10 (2006.01) A41C 3/14 (2006.01) A41C 5/00 (2006.01)**
[25] EN
[54] **BREAST SUPPORT FOR A GARMENT OR GARMENT PART**
[54] **SUPPORT DE POITRINE DESTINE A UN VETEMENT OU A UNE PARTIE D'UN VETEMENT**
[72] YIP, KWAN YIN, HK
[71] CLOVER MYSTIQUE CO. LIMITED, HK
[22] 2015-06-29
[41] 2016-11-09
[30] US (14/708,200) 2015-05-09

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[21] **2,901,949**
[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/20 (2012.01)**
[25] EN
[54] **MOBILE CASH CHANGE MANAGEMENT SYSTEM AND METHOD, AND FINANCIAL CONTRIBUTION AND SHARING SYSTEM AND METHOD ASSOCIATED THEREWITH**
[54] **SYSTEME DE GESTION D'ECHANGE DE MONNAIE MOBILE ET METHODE, ET CONTRIBUTION FINANCIERE ET SYSTEME DE PARTAGE ET METHODE ASSOCIEE**
[72] CAMPS, TOM, CA
[72] WEERASINGHE, PASAN, CA
[72] STANSBY, NEAL, CA
[72] NIELSEN, ROBERT, CA
[71] CHANGEJAR INC., CA
[22] 2015-08-31
[41] 2016-11-07
[30] US (62/158,428) 2015-05-07
[30] US (62/158,427) 2015-05-07

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[21] **2,903,170**
[13] A1
[51] **Int.Cl. A41D 13/12 (2006.01)**
[25] EN
[54] **QUICK DONNING HOSPITAL GOWN**
[54] **CHEMISE D'HOPITAL ENFILABLE RAPIDEMENT**
[72] CLAUDER, MICHAEL A., US
[71] MAGFAST, LLC, US
[22] 2015-09-03
[41] 2016-11-08
[30] US (14/707,074) 2015-05-08
[30] US (14/734,204) 2015-06-09

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[21] **2,903,326**
[13] A1
[51] **Int.Cl. E04H 6/02 (2006.01) B64F 3/00 (2006.01) E04H 15/02 (2006.01)**
[25] EN
[54] **AIRCRAFT SHELTER**
[54] **ABRI POUR AERONEF**
[72] JOSDAL, TYRONE, CA
[71] JOSDAL, TYRONE, CA
[22] 2015-09-03
[41] 2016-11-07

[21] **2,909,859**
[13] A1
[51] **Int.Cl. B01D 35/157 (2006.01)**
[25] EN
[54] **A FILTER HAVING AN AUTOMATIC CONTROL OF FLOW**
[54] **UN FILTRE OFFRANT UNE COMMANDE AUTOMATIQUE DE L'ECOULEMENT**
[72] LIN, JACK, CN
[71] KEMFLO (NANJING) ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
[71] KEMFLO INTERNATIONAL CO., LTD., TW
[71] LIN, CHING SHIUNG, TW
[22] 2015-09-22
[41] 2016-11-12
[30] CN (201520303862.1) 2015-05-12

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[21] **2,909,862**
[13] A1
[51] **Int.Cl. B01D 35/157 (2006.01)**
[25] EN
[54] **A FILTER HAVING AN AUTOMATIC CONTROL OF FLOW**
[54] **UN FILTRE OFFRANT UNE COMMANDE AUTOMATIQUE DE L'ECOULEMENT**
[72] LIN, JACK, CN
[71] KEMFLO (NANJING) ENVIRONMENTAL TECHNOLOGY CO., LTD., CN
[71] KEMFLO INTERNATIONAL CO., LTD., TW
[71] LIN, CHING SHIUNG, TW
[22] 2015-09-22
[41] 2016-11-12
[30] CN (201520304909.6) 2015-05-12

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[21] **2,922,179**
[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) B65D 50/00 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT CLOSURE WITH TAMPER BAND**
[54] **FERMETURE LEGERE DOTEE D'UNE BANDE INVIOLABLE**
[72] KIM, SUNGSUK STEVE, US
[71] SILGAN WHITE CAP LLC, US
[22] 2016-03-01
[41] 2016-11-11
[30] US (14/709,198) 2015-05-11

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[21] **2,922,517**
[13] A1
[51] **Int.Cl. F02C 7/24 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR THERMALLY SHIELDING A PORTION OF A GAS TURBINE SHROUD ASSEMBLY**
[54] **SYSTEME DE PROTECTION THERMIQUE D'UNE PARTIE D'UN ASSEMBLAGE D'ENVELOPPE DE TURBINE A GAZ**
[72] BOGARD, JUSTIN H., US
[72] SHAPIRO, JASON DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-03-03
[41] 2016-11-11
[30] US (14/708,385) 2015-05-11

---

[21] **2,923,114**
[13] A1
[51] **Int.Cl. B42B 5/12 (2006.01) B42D 1/06 (2006.01) B42D 15/00 (2006.01)**
[25] EN
[54] **THE WONDEBOOK**
[54] **THE WONDERBOOK**
[72] MOORE, WILLIAM P. A., CA
[71] MOORE, WILLIAM P. A., CA
[22] 2016-03-08
[41] 2016-11-08

---

[21] **2,923,478**
[13] A1
[51] **Int.Cl. B64C 23/00 (2006.01)**
[25] EN
[54] **COLOR APPLICATIONS FOR AERODYNAMIC MICROSTRUCTURES**
[54] **APPLICATIONS DE COULEUR DESTINEES A DES MICROSTRUCTURES AERODYNAMIQUES**
[72] RAWLINGS, DIANE C., US
[71] THE BOEING COMPANY, US
[22] 2016-03-10
[41] 2016-11-06
[30] US (14/705564) 2015-05-06

---

[21] **2,923,512**
[13] A1
[51] **Int.Cl. B64C 21/10 (2006.01) B64C 1/38 (2006.01) F15D 1/12 (2006.01)**
[25] EN
[54] **AERODYNAMIC MICROSTRUCTURES HAVING SUB-MICROSTRUCTURES**
[54] **MICROSTRUCTURES AERODYNAMIQUES RENFERMANT DES MICROSTRUCTURES**
[72] WILLIAMS, TIMOTHY LEROY, US
[72] RAWLINGS, DIANE C., US
[71] THE BOEING COMPANY, US
[22] 2016-03-10
[41] 2016-11-06
[30] US (14/705569) 2015-05-06

---

[21] **2,924,299**
[13] A1
[51] **Int.Cl. B01D 29/39 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **FLUID TREATMENT MODULE AND ASSEMBLY**
[54] **MODULE DE FLUIDE DE TRAITEMENT ET ASSEMBLAGE**
[72] LEIBNITZ, RUDIGER, DE
[72] MENG, MANUELA, DE
[72] FRIEDRICH, ESTHER, DE
[71] PALL CORPORATION, US
[22] 2016-03-18
[41] 2016-11-11
[30] EP (15 167 208.6) 2015-05-11

---

[21] **2,924,327**
[13] A1
[51] **Int.Cl. E06B 9/02 (2006.01) E06C 9/10 (2006.01)**
[25] EN
[54] **SECURITY AND ESCAPE APPARATUS FOR USE WITH A WINDOW**
[54] **APPAREIL DE SECURITE ET D'EVACUATION DESTINE A ETRE UTILISE DANS UNE FENETRE**
[72] ROWLEY, DEAN, CA
[72] DEVLOO, BRYAN, CA
[71] ROWLEY, DEAN, CA
[71] DEVLOO, BRYAN, CA
[22] 2016-03-21
[41] 2016-11-11
[30] US (62/159,698) 2015-05-11

[21] **2,924,782**
[13] A1
[51] **Int.Cl. G01V 3/08 (2006.01) B25J 9/18 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **SENSING OF A MAGNETIC TARGET**
[54] **DETECTION D'UNE CIBLE MAGNETIQUE**
[72] FAVILLA, STEPHAN JOEL, US
[72] MERKLEY, ALAN RAY, US
[71] THE BOEING COMPANY, US
[22] 2016-03-21
[41] 2016-11-12
[30] US (14/710,555) 2015-05-12

---

[21] **2,924,949**
[13] A1
[51] **Int.Cl. A61J 7/04 (2006.01) A61B 90/90 (2016.01) G08B 21/02 (2006.01)**
[25] EN
[54] **MEDICATION ADMINISTRATION APPARATUS**
[54] **APPAREIL D'ADMINISTRATION DE MEDICATION**
[72] WAUGH, DONALD CRAIG, CA
[72] WAUGH, DONALD SPENCER, CA
[72] COOK, EVAN DAVID, CA
[72] REEVES, NICHOLAS JAMES, CA
[72] MOULINE, NIKITA, CA
[72] UITTENBOSCH, TREVOR, CA
[71] ACEAGE INC., CA
[22] 2016-03-24
[41] 2016-11-06
[30] US (62/157,858) 2015-05-06

---

[21] **2,925,630**
[13] A1
[51] **Int.Cl. F25B 30/00 (2006.01) F28D 15/00 (2006.01)**
[25] EN
[54] **REAL-TIME PASSIVE COOLING APPARATUS WITH OPTIONAL INTEGRATED STORAGE**
[54] **APPAREIL DE REFROIDISSEMENT PASSIF EN TEMPS REEL OFFRANT UN RANGEMENT INTEGRE FACULTATIF**
[72] BIBEAU, ERIC L., CA
[71] UNIVERSITY OF MANITOBA, CA
[22] 2016-03-31
[41] 2016-11-07
[30] US (62/158,264) 2015-05-07

---

[21] **2,926,275**
[13] A1
[51] **Int.Cl. C09D 11/38 (2014.01) A01N 25/10 (2006.01) A01N 59/16 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **ANTI-BACTERIAL AQUEOUS INK COMPOSITIONS COMPRISING SELF-DISPERSED SULFONATED POLYESTER-SILVER NANOPARTICLE COMPOSITES**
[54] **COMPOSITIONS D'ENCRE AQUEUSES ANTIBACTERIENNES RENFERMANT DES COMPOSITES DE NANOPARTICULES ARGENT-POLYESTER SULFONEES AUTO-DISPERSEES**
[72] FARRUGIA, VALERIE M., CA
[72] DESOUZA, ALANA RAH, CA
[71] XEROX CORPORATION, US
[22] 2016-04-05
[41] 2016-11-07
[30] US (14/706097) 2015-05-07

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[21] **2,926,276**
[13] A1
[51] **Int.Cl. C08J 5/02 (2006.01) B82Y 30/00 (2011.01) C09D 11/52 (2014.01) C08J 3/20 (2006.01) C08J 7/04 (2006.01) C08K 3/08 (2006.01) C08L 25/14 (2006.01) C09D 11/00 (2014.01) G03G 9/093 (2006.01)**
[25] EN
[54] **METALLO IONOMER POLYMERS**
[54] **POLYMERES IONOMERES METALLIQUES**
[72] FARRUGIA, VALERIE M., CA
[72] CHI, WENDY, CA
[72] GARDNER, SANDRA J., CA
[71] XEROX CORPORATION, US
[22] 2016-04-05
[41] 2016-11-07
[30] US (14/706027) 2015-05-07

---

[21] **2,926,675**
[13] A1
[51] **Int.Cl. H04W 4/06 (2009.01) H04H 20/38 (2009.01) H04H 20/57 (2009.01) H04W 12/06 (2009.01) H02J 13/00 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **POWER OVER ETHERNET ADAPTER WITH COMMUNICATION DEVICE AND METHOD OF PROGRAMMING AND USING SAME**
[54] **ADAPTATEUR D'ALIMENTATION PAR ETHERNET DOTE D'UN DISPOSITIF DE COMMUNICATION ET METHODE DE PROGRAMMATION ET D'UTILISATION ASSOCIEE**
[72] HILLIER, PETER MATTHEW, CA
[72] BURTON, SCOTT RICHARD, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2016-04-11
[41] 2016-11-07
[30] US (14/706826) 2015-05-07

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[21] **2,926,848**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT WITH ARTICULATION ASSEMBLY**
[54] **INSTRUMENT CHIRURGICAL DOTE D'UN DISPOSITIF ARTICULE**
[72] SRINIVAS, JITENDRA BHARGAVA, IN
[72] SHANKARSETTY, JEEVAN MADDUR, IN
[71] COVIDIEN LP, US
[22] 2016-04-12
[41] 2016-11-06
[30] US (14/705,176) 2015-05-06

[21] **2,926,989**
[13] A1
[51] **Int.Cl. B05D 3/06 (2006.01) C09D 7/14 (2006.01)**
[25] EN
[54] **DEVICE FOR HARDENING A COATING ON AN INNER WALL OF A CONDUIT HAVING AN OVAL CROSS SECTION**
[54] **DISPOSITIF DE DURCISSEMENT D'UN REVETEMENT SUR UNE PAROI INTERIEURE D'UN CONDUIT A SECTION TRANSVERSALE OVALE**
[72] PRETSCH, RALF, DE
[72] RUTH, CHRISTIAN, DE
[71] HERAEUS NOBLELIGHT GMBH, DE
[22] 2016-04-13
[41] 2016-11-07
[30] DE (10 2015 107 129.0) 2015-05-07

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[21] **2,927,874**
[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/12 (2006.01) A61F 2/04 (2013.01)**
[25] EN
[54] **ELECTROLYTIC DETACHMENT FOR IMPLANT DELIVERY SYSTEMS**
[54] **ACCESSOIRE ELECTROLYTIQUE DESTINE AUX SYSTEMES DE POSITIONNEMENT D'IMPLANT**
[72] MA, JIANLU, US
[71] COVIDIEN LP, US
[22] 2016-04-21
[41] 2016-11-11
[30] US (14/708,661) 2015-05-11

---

[21] **2,927,982**
[13] A1
[51] **Int.Cl. A62B 17/00 (2006.01) A41D 13/00 (2006.01) A41D 13/005 (2006.01)**
[25] EN
[54] **CLOTH HAVING GAS SHEET**
[54] **TISSU RENFERMANT UNE COUCHE DE GAZ**
[72] LEE, SANG GEUN, KR
[71] LEE, SANG GEUN, KR
[22] 2016-04-22
[41] 2016-11-12
[30] KR (10-2015-0066066) 2015-05-12

---

[21] **2,927,991**
[13] A1
[51] **Int.Cl. C09J 133/06 (2006.01) C09J 7/02 (2006.01) C09J 11/00 (2006.01)**
[25] EN
[54] **PRESSURE SENSITIVE ADHESIVE**
[54] **ADHESIF SENSIBLE A LA PRESSION**
[72] MELNIKOVA, ALIONA, DE
[72] HANSEN, SVEN, DE
[72] MUSSIG, BERNHARD, DE
[72] SCHMIDT-LEHR, SEBASTIAN, DE
[71] TESA SE, DE
[22] 2016-04-22
[41] 2016-11-12
[30] DE (10 2015 208 792.1) 2015-05-12

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[21] **2,928,072**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRESENTING STORE SALES DATA TO A MOBILE ELECTRONIC DEVICE**
[54] **SYSTEMES ET METHODES DE PRESENTATION DE DONNEES DE VENTE DE MAGASIN SUR UN DISPOSITIF ELECTRONIQUE MOBILE**
[72] PARACHA, ZULFIQAR ALI, US
[72] OSMON, JOSHUA DAVID, US
[72] PFLEGING, RACHEL MARIE, US
[72] HARRISON, BRIAN CASEY, US
[72] PIECH, WILLIAM ROBERT, US
[72] THANGARAJ, MAHESH SUNDAR, US
[72] BURGE, BRIAN DEWAYNE, US
[72] HELMS, ANTHONY WILLIAM, US
[72] D'SOUZA, DERRIC, US
[72] TYLER, LARRY MICHAEL, II, US
[72] FISCHER, MICHAEL ANDREW BUDELL, US
[71] WAL-MART STORES, INC., US
[22] 2016-04-25
[41] 2016-11-07
[30] US (62/158,101) 2015-05-07

---

[21] **2,928,076**
[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01) A61B 18/12 (2006.01) A61B 18/14 (2006.01) A61M 25/09 (2006.01)**
[25] EN
[54] **SPRING-LOADED BALLOON**
[54] **BALLONNET COMPORTANT UN RESSORT**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] KEYES, JOSEPH THOMAS, US
[72] HETTEL, ROWAN OLUND, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-04-25
[41] 2016-11-07
[30] US (14/706,058) 2015-05-07

---

[21] **2,928,168**
[13] A1
[51] **Int.Cl. B07C 5/04 (2006.01)**
[25] EN
[54] **GOODS PROCESSING APPARATUS TO PLACE AND SINGULARIZE FLAT GOODS AND METHOD**
[54] **APPAREIL DE TRAITEMENT DE BIENS SERVANT A PLACER ET SINGULARISER DES BIENS PLATS, ET METHODE**
[72] MUHL, WOLFGANG, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2016-04-28
[41] 2016-11-07
[30] DE (20 2015 102 333.2) 2015-05-07

---

[21] **2,928,177**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/10 (2006.01)**
[25] EN
[54] **TURBINE BAND ANTI-CHORDING FLANGES**
[54] **BRIDES ANTI-RACCOURCISSEMENT DU PAS DE BANDE DE TURBINE**
[72] CORREIA, VICTOR HUGO SILVA, US
[72] CORSETTI, BRIAN KENNETH, US
[72] BROOMER, MARK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-07
[30] US (14/706,003) 2015-05-07

[21] **2,928,179**
[13] A1
[51] **Int.Cl. F03D 13/10 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REPLACING A PITCH BEARING**
[54] **SYSTEME ET METHODE DE REMPLACEMENT D'UN PALIER DE PAS**
[72] NEUMANN, ULRICH WERNER, US
[72] DAVIS, ADAM S., US
[72] PFEIFFER, GAYLON MITCHELL, US
[72] JOHNSON, MICHAEL R., US
[72] HACH, FORREST CHRISTOPHER, US
[72] COSTAIN, KEVIN, US
[72] WILLMAN, STEPHANIE, US
[72] WILMOT, THEODORE STEVEN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-07
[30] US (14/706,458) 2015-05-07

[21] **2,928,187**
[13] A1
[51] **Int.Cl. F03D 13/10 (2016.01)**
[25] EN
[54] **UP-TOWER SUSPENSION SYSTEM FOR A WIND TURBINE ROTOR BLADE**
[54] **SYSTEME DE SUSPENSION EN HAUT DE TOUR DESTINE A UNE PALE DE ROTOR D'EOLIENNE**
[72] NEUMANN, ULRICH WERNER, US
[72] PFEIFFER, GAYLON MITCHELL, US
[72] COSTAIN, KEVIN, US
[72] WILLMAN, STEPHANIE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-04-28
[41] 2016-11-07
[30] US (14/706,409) 2015-05-07

[21] **2,928,189**
[13] A1
[51] **Int.Cl. H03K 17/14 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **GATE DRIVE CIRCUIT TO REDUCE PARASITIC COUPLING**
[54] **CIRCUIT D'ENTRAINEMENT A PORTE VISANT A REDUIRE LE COUPLAGE PARASITE**
[72] LEE, CHRISTOPHER JOSEPH, US
[72] SOLOMON, LUKE ANTHONY, US
[72] PERMUY, ALFRED, FR
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
[22] 2016-04-28
[41] 2016-11-07
[30] FR (1554105) 2015-05-07

[21] **2,928,212**
[13] A1
[51] **Int.Cl. H04W 24/04 (2009.01) H04W 84/18 (2009.01) G08B 13/22 (2006.01)**
[25] EN
[54] **AUTOMATIC REPORTING OF PROGNOSIS DATA FROM WIRELESS MESH SENSORS TO CLOUD**
[54] **SIGNALEMENT AUTOMATIQUE DE DONNEES PRONOSTIQUES DE CAPTEURS MAILLES SANS FIL TRANSMIS AU NUAGE**
[72] KRISHNAMURTHY, DIVYASHREE, US
[72] SAMAGA, ASHA, US
[72] THAWALE, VIDHYA, US
[72] RAJKUMAR, MALATHY, US
[72] DIVAKARA, MANJUNATHA, US
[72] SHARMA, SUSHIL, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-04-26
[41] 2016-11-12
[30] US (14/709,552) 2015-05-12

[21] **2,928,215**
[13] A1
[51] **Int.Cl. F04D 25/08 (2006.01) A61M 16/00 (2006.01) F04D 25/06 (2006.01) F04D 29/10 (2006.01)**
[25] FR
[54] **MICRO-FAN WITH IMPROVED AXIS-MOTOR SEAL FOR RESPIRATORY ASSISTANCE DEVICE**
[54] **MICRO-SOUFFLANTE A ETANCHEITE D'AXE-MOTEUR AMELIOREE POUR APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] GUIDUCCI, HADRIEN, FR
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR
[22] 2016-04-26
[41] 2016-11-12
[30] FR (15 54 212) 2015-05-12

[21] **2,928,260**
[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **MULTIPLE CURTAIN AND ROLLER BLIND**
[54] **RIDEAU ET STORE ENROULEUR MULTIPLES**
[72] MAROCCO, NORBERT, CA
[71] MAROCCO, NORBERT, CA
[22] 2016-04-27
[41] 2016-11-07
[30] US (62/179,411) 2015-05-07

[21] **2,928,261**
[13] A1
[51] **Int.Cl. A47H 1/10 (2006.01) A47H 1/144 (2006.01)**
[25] EN
[54] **MULTI-USE WINDOW COVERING HEAD RAIL**
[54] **RAIL DE TETE DE PARURE DE FENETRE MULTIUSAGE**
[72] MAROCCO, NORBERT, CA
[71] MAROCCO, NORBERT, CA
[22] 2016-04-27
[41] 2016-11-07
[30] US (62/179,410) 2015-05-07

[21] **2,928,324**
[13] A1
[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD EMPLOYING AN AWARD EVALUTION FOR A SYMBOL BASED ON A TOTAL QUANTITY OF REELS IN A SET OF REELS EACH DISPLAYING AN INSTANCE OF THAT SYMBOL AND A TOTAL QUANTITY OF INSTANCES OF THAT SYMBOL DISPLAYED ON THE REELS OF THE SET**
[54] **SYSTEME DE JEU ET METHODE EMPLOYANT UNE EVALUATION DE RECOMPENSE D'UN SYMBOLE FONDEE SUR UNE QUANTITE TOTALE DE BOBINES DANS UN ENSEMBLE DE BOBINES PRESENTANT CHACUNE UNE INSTANCEDE CE SYMBOLE ET UNE QUANTITE TOTALE D'INSTANCES DE CE SYMBOLE AFFICHEE SUR LES BOBINES DE L'ENSEMBLE**
[72] JOUNG, SEK HWAN, US
[71] IGT, US
[22] 2016-04-28
[41] 2016-11-08
[30] US (14/707,615) 2015-05-08

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[21] **2,928,389**
[13] A1
[51] **Int.Cl. C23C 16/448 (2006.01) C23C 14/22 (2006.01)**
[25] EN
[54] **REMOTE ARC DISCHARGE PLASMA ASSISTED PROCESSES**
[54] **PROCEDES ASSISTES AU PLASMA A DECHARGE D'ARC ELOIGNE**
[72] GOROKHOVSKY, VLADIMIR, US
[72] HUMENIK, DAVID, US
[72] TRUBE, SCOTT, US
[72] SULLIVAN, PATRICK A., US
[72] PETERSON, NICHOLAS, US
[72] TAYLOR, EDWARD, US
[72] VOLAN, GREG, US
[71] VAPOR TECHNOLOGIES, INC., US
[22] 2016-04-28
[41] 2016-11-07
[30] US (14/706,510) 2015-05-07

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[21] **2,928,474**
[13] A1
[51] **Int.Cl. A47K 3/40 (2006.01)**
[25] EN
[54] **ROLL-IN SHOWER AND SHOWER BASE**
[54] **DOUCHE ENCASTREE ET BASE DE DOUCHE**
[72] IANNUCCI, DAVID A., US
[71] IANNUCCI, DAVID A., US
[22] 2016-04-29
[41] 2016-11-06
[30] US (14/705,287) 2015-05-06

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[21] **2,928,583**
[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/95 (2013.01) A61B 17/00 (2006.01) A61F 2/00 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **ELECTROLYTIC DETACHMENT WITH FLUSH SYSTEM FOR IMPLANT DELIVERY**
[54] **ACCESSOIRE ELECTROLYTIQUE DOTE D'UN MECANISME DE LESSIVAGE DESTINE AU POSITIONNEMENT D'UN IMPLANT**
[72] DEVINO, VINCENT, US
[72] KADAM, MADHUR, US
[71] COVIDIEN LP, US
[22] 2016-05-02
[41] 2016-11-11
[30] US (14/708,688) 2015-05-11

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[21] **2,928,652**
[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) A61P 1/00 (2006.01)**
[25] EN
[54] **MICROBIOTA RESTORATION THERAPY (MRT), COMPOSITIONS AND METHODS OF MANUFACTURE**
[54] **THERAPIE DE RETABLISSEMENT DU MICROBIOTE, COMPOSITIONS ET METHODES DE FABRICATION**
[72] JONES, LEE A., US
[72] JONES, COURTNEY R., US
[72] SOBCINSKI, MARY KAY, US
[71] REBIOTIX, INC., US
[22] 2016-05-03
[41] 2016-11-08
[30] US (14/707,378) 2015-05-08

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[21] **2,928,673**
[13] A1
[51] **Int.Cl. B65H 3/06 (2006.01) B65H 27/00 (2006.01)**
[25] EN
[54] **TRANSPORT MODULE FOR FLAT ITEMS**
[54] **MODULE DE TRANSPORT D'ARTICLES PLATS**
[72] MUHL, WOLFGANG, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2016-05-03
[41] 2016-11-07
[30] DE (20 2015 102 333.2) 2015-05-07
[30] DE (20 2016 101 920.6) 2016-04-12

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[21] **2,928,682**
[13] A1
[51] **Int.Cl. F16F 9/00 (2006.01) F16F 5/00 (2006.01) F16F 9/32 (2006.01)**
[25] EN
[54] **HYDRAULIC SHOCK ABSORBER**
[54] **PARECHOC HYDRAULIQUE**
[72] SCHMIDT, ROBERT KYLE, GB
[71] MESSIER-DOWTY LIMITED, GB
[22] 2016-05-02
[41] 2016-11-07
[30] EP (15166720.1) 2015-05-07

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[21] **2,928,783**
[13] A1
[51] **Int.Cl. B61L 27/00 (2006.01)**
[25] EN
[54] **A SYSTEM TO PROVIDE REAL-TIME RAILROAD GRADE CROSSING INFORMATION TO SUPPORT TRAFFIC MANAGEMENT DECISION-MAKING**
[54] **UN SYSTEME SERVANT A FOURNIR DE L'INFORMATION DE PASSAGE A NIVEAU EN TEMPS REEL EN VUE DE SOUTENIR LA PRISE DE DECISION DE GESTION DE TRAFIC**
[72] REMPEL, GARRETH, CA
[72] TERNOWETSKY, NEIL, CA
[72] REIMER, MARK, CA
[72] BIAN, CHAO, CA
[71] MORR TRANSPORTATION SERVICES, CA
[22] 2016-05-04
[41] 2016-11-07
[30] US (62/158,172) 2015-05-07

[21] **2,928,803**
[13] A1
[51] **Int.Cl. B65H 3/06 (2006.01) B65H 1/06 (2006.01) B65H 3/04 (2006.01) B65H 3/30 (2006.01) B65H 3/54 (2006.01)**
[25] EN
[54] **PLACEMENT STATION FOR PLACING FLAT ITEMS AND FEEDING THEM TO A SINGULARIZATION STATION AND METHOD**
[54] **POSTE DE POSITIONNEMENT SERVANT A PLACER DES ARTICLES PLATS ET A LES TRANSPORTER VERS UN POSTE DE SINGULARISATION, ET METHODE**
[72] ORTMANN, AXEL, DE
[72] MUHL, WOLFGANG, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2016-05-04
[41] 2016-11-07
[30] DE (20 2015 102 333.2) 2015-05-07
[30] DE (20 2016 101 920.6) 2016-04-12
[30] DE (20 2016 102 202.9) 2016-04-26

[21] **2,928,820**
[13] A1
[51] **Int.Cl. C02F 1/04 (2006.01) C02F 1/66 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **PROCESS FOR TREATING PRODUCED WATER EVAPORATOR CONCENTRATE**
[54] **PROCEDE DE TRAITEMENT DE CONCENTRE D'EVAPORATEUR D'EAU PRODUITE**
[72] NICHOLSON, MARK C., US
[72] NEU, DOROTHY, US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
[22] 2016-05-04
[41] 2016-11-07
[30] US (62/158,034) 2015-05-07
[30] US (15/145,517) 2016-05-03

[21] **2,928,942**
[13] A1
[51] **Int.Cl. A43C 15/06 (2006.01) A43B 13/22 (2006.01) A43C 15/02 (2006.01)**
[25] EN
[54] **ERGONOMIC SHOE AND BOOT GRIP APPARATUS**
[54] **APPAREIL DE SAISIE DE BOTTE ET CHAUSSURE ERGONOMIQUE**
[72] GELLER, BRANDON, CA
[71] GELLER, BRANDON, CA
[22] 2016-05-05
[41] 2016-11-08
[30] CA (2890709) 2015-05-08
[30] US (62/158885) 2015-05-08

[21] **2,928,976**
[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01) F01D 25/28 (2006.01) F02C 7/24 (2006.01)**
[25] EN
[54] **SYSTEM FOR THERMALLY ISOLATING A TURBINE SHROUD**
[54] **SYSTEME D'ISOLATION THERMIQUE D'UNE ENVELOPPE DE TURBINE**
[72] TURA, CHRISTOPHER PAUL, US
[72] FITZPATRICK, DYLAN JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-05
[41] 2016-11-11
[30] US (14/708,336) 2015-05-11

[21] **2,928,982**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **SHROUD RETENTION SYSTEM WITH RETENTION SPRINGS**
[54] **MECANISME DE RETENUE D'ENVELOPPE DOTE DE RESSORTS DE RETENUE**
[72] SENER, ALEXANDER MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-05
[41] 2016-11-11
[30] US (14/708,995) 2015-05-11

[21] **2,928,984**
[13] A1
[51] **Int.Cl. F01D 25/28 (2006.01) F01D 25/16 (2006.01) F01D 25/24 (2006.01) F02C 7/06 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **ATTACHMENT ASSEMBLY AND GAS TURBINE ENGINE WITH ATTACHMENT ASSEMBLY**
[54] **DISPOSITIF DE FIXATION ET MOTEUR DE TURBINE A GAZ EQUIPE DU DISPOSITIF DE FIXATION**
[72] KARAFILLIS, APOSTOLOS PAVLOS, US
[72] MATHIAS, CHRISTOPHER DALE, US
[72] HENRY, KYLE EARL ROLAND, US
[72] FITZPATRICK, DYLAN JAMES, US
[72] JONASSEN, DENNIS ROBERT, US
[72] DONAHUE, PAUL W., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-05
[41] 2016-11-08
[30] US (14/707,704) 2015-05-08

[21] **2,928,986**
[13] A1
[51] **Int.Cl. F01D 1/02 (2006.01) B64C 11/02 (2006.01) F01D 9/00 (2006.01) F02C 3/04 (2006.01) F02K 3/04 (2006.01)**
[25] EN
[54] **IMMERSED CORE FLOW INLET BETWEEN ROTOR BLADE AND STATOR VANE FOR AN UNDUCTED FAN GAS TURBINE**
[54] **ENTREE D'ECOULEMENT PRINCIPAL INVERSE ENTRE UNE PALE DE ROTOR ET UNE AUBE DE STATOR DESTINEE A UNE TURBINE A GAZ A VENTILATEUR SANS CONDUIT**
[72] BOWDEN, WILLIAM JOSEPH, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] CEDAR, RICHARD DAVID, US
[72] KHALID, SYED ARIF, US
[72] LONNEMAN, PATRICK JOHN, US
[72] PASIECZNY, ALEKSANDER PIOTR, US
[72] TWEEDT, DANIEL LAWRENCE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-05
[41] 2016-11-11
[30] PL (P.412269) 2015-05-11

[21] **2,928,988**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 17/16 (2006.01)**
[25] EN
[54] **TURBINE ENGINE HAVING VARIABLE PITCH OUTLET GUIDE VANES**
[54] **MOTEUR DE TURBINE A AUBES DE GUIDAGE DE SORTIE A PAS VARIABLE**
[72] MILLER, BRANDON WAYNE, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] ZATORSKI, DAREK TOMASZ, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-05
[41] 2016-11-11
[30] US (14/708,878) 2015-05-11

[21] **2,929,007**
[13] A1
[51] **Int.Cl. B63C 9/115 (2006.01)**
[25] EN
[54] **VEST HAVING CONTINUOUS STRAP SYSTEM**
[54] **VESTE COMPORTANT UN DISPOSITIF DE SANGLE CONTINU**
[72] HOOVER, PAUL E., US
[72] CULP, YIYUN, US
[72] JOHNSON, JEAN E, US
[72] LUO, RUI, US
[72] WINTHERS, TYLER M., US
[72] MORRISON, SHANNON L., US
[71] THE COLEMAN COMPANY, INC., US
[22] 2016-05-04
[41] 2016-11-11
[30] US (14/708,508) 2015-05-11

[21] **2,929,017**
[13] A1
[51] **Int.Cl. H02K 15/02 (2006.01) B21D 53/88 (2006.01) H02K 1/12 (2006.01)**
[25] EN
[54] **SEGMENTED LAMINATED CORE AND METHOD FOR MANUFACTURING THE SAME**
[54] **AME LAMELLEE SEGMENTEE ET PROCEDE DE FABRICATION ASSOCIE**
[72] IZUMI, MASAHIRO, JP
[72] HASUO, YUSUKE, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2016-05-04
[41] 2016-11-07
[30] JP (2015-095086) 2015-05-07

[21] **2,929,028**
[13] A1
[51] **Int.Cl. A47F 5/00 (2006.01) A47F 1/00 (2006.01)**
[25] EN
[54] **SPACE SAVING MANUAL SHELF MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE TABLETTE MANUELLE PERMETTANT DE SAUVER DE L'ESPACE**
[72] GOEHRING, WILLIAM R., US
[71] GOEHRING, WILLIAM R., US
[22] 2016-05-03
[41] 2016-11-07
[30] US (62/158062) 2015-05-07

[21] **2,929,129**
[13] A1
[51] **Int.Cl. C08L 69/00 (2006.01) C08J 3/22 (2006.01) C08L 67/04 (2006.01) C08L 101/08 (2006.01)**
[25] EN
[54] **DURABLE HIGH PERFORMANCE HEAT RESISTANT POLYCARBONATE (PC) AND POLYLACTIDE (PLA) BLENDS AND COMPOSITIONS AND METHODS OF MAKING THOSE**
[54] **MELANGES DE POLYCARBONATE ET POLYLACTIDE HAUTE RESISTANCE HAUT RENDEMENT DURABLES, ET COMPOSITIONS ET METHODES DE FABRICATION ASSOCIEES**
[72] MOHANTY, AMAR K., CA
[72] YURYEV, YURY, CA
[72] MISRA, MANJUSRI, CA
[71] UNIVERSITY OF GUELPH, CA
[22] 2016-05-06
[41] 2016-11-07
[30] US (62/158,156) 2015-05-07

[21] **2,929,135**
[13] A1
[51] **Int.Cl. F17C 13/10 (2006.01) F24H 1/20 (2006.01) F24J 1/00 (2006.01)**
[25] EN
[54] **INTERNAL TANK HEATING COIL**
[54] **SERPENTIN DE CHAUFFAGE POUR RESERVOIR INTERNE**
[72] PERRY, THOMAS WILLIAM, US
[72] KLEIN, CHRISTOPHER MICHAEL, US
[72] HANNAH, CARSON B., US
[71] QMAX CATALYTIC, LLC, US
[22] 2016-05-06
[41] 2016-11-07
[30] US (62/158,116) 2015-05-07

[21] **2,929,140**
[13] A1
[51] **Int.Cl. H04W 4/12 (2009.01) G06Q 10/10 (2012.01) G06F 3/0484 (2013.01) G06F 17/27 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND METHOD OF DETERMINING SUGGESTED RESPONSES TO TEXT-BASED COMMUNICATIONS**
[54] **APPAREIL ELECTRONIQUE ET METHODE DE DETERMINATION DE REPONSES SUGGEREES A DES COMMUNICATIONS FONDEES SUR UN TEXTE**
[72] KALKOUNIS, NICK, CA
[72] SIRCAR, SHILADITYA, CA
[71] BLACKBERRY LIMITED, CA
[22] 2016-05-04
[41] 2016-11-08
[30] US (14/707,895) 2015-05-08

[21] **2,929,141**
[13] A1
[51] **Int.Cl. H02S 40/44 (2014.01) F25B 21/00 (2006.01) H01L 35/30 (2006.01)**
[25] EN
[54] **APPARATUS FOR THERMOELECTRIC GENERATION ON HVAC PIPES**
[54] **APPAREIL DE GENERATION THERMOELECTRIQUE DESTINE A DES CONDUITS CVCA**
[72] AHDOOT, ELIOT, CA
[72] AHDOOT, BENJAMIN, CA
[72] AHDOOT, SIMON, CA
[71] BIGZ TECH, CA
[22] 2016-05-04
[41] 2016-11-08
[30] US (62158759) 2015-05-08

[21] **2,929,159**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **SHROUD RETENTION SYSTEM WITH KEYED RETENTION CLIPS**
[54] **MECANISME DE RETENUE D'ENVELOPPE DOTE DE PINCES DE RETENUE A CLAVETTE**
[72] SLUYTER, GREGORY KENT, US
[72] SENER, ALEXANDER MARTIN, US
[72] DZIECH, AARON MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-06
[41] 2016-11-11
[30] US (14/709,041) 2015-05-11

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[21] **2,929,174**
[13] A1
[51] **Int.Cl. B32B 37/00 (2006.01) B21D 22/02 (2006.01) B32B 3/10 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING WORKPIECE AND METHOD FOR MANUFACTURING LAMINATED CORE**
[54] **METHODE DE FABRICATION DE PIECE DE TRAVAIL ET METHODE DE FABRICATION D'AME LAMELLEE**
[72] HASUO, YUSUKE, JP
[72] IZUMI, MASAHIRO, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2016-05-05
[41] 2016-11-12
[30] JP (2015-097222) 2015-05-12

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[21] **2,929,200**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **ACTIVITY MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE SURVEILLANCE D'ACTIVITE**
[72] HIGH, DONALD, US
[72] MCHALE, BRIAN, GB
[71] WAL-MART STORES, INC., US
[22] 2016-05-05
[41] 2016-11-08
[30] US (62/158,628) 2015-05-08

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[21] **2,929,204**
[13] A1
[51] **Int.Cl. B65D 41/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CAPPING A BARREL**
[54] **APPAREIL DE RECOUVREMENT D'UN BARIL**
[72] MCKALE, MARK J., CA
[71] MCKALE, MARK J., CA
[22] 2016-05-05
[41] 2016-11-06
[30] US (62/157614) 2015-05-06

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[21] **2,929,209**
[13] A1
[51] **Int.Cl. F21V 21/14 (2006.01) F21V 21/04 (2006.01) F21V 21/30 (2006.01) F21V 29/70 (2015.01) F21K 9/00 (2016.01)**
[25] EN
[54] **REMOVABLE LED MODULE WITH TILTING ADJUSTMENT MECHANISM**
[54] **MODULE DEL AMOVIBLE DOTE D'UN MECANISME D'AJUSTEMENT D'INCLINAISON**
[72] CLARK, STEPHEN H., US
[72] STAUNER, JOSEPH, US
[71] ABL IP HOLDING LLC, US
[22] 2016-05-06
[41] 2016-11-07
[30] US (62/158,010) 2015-05-07

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[21] **2,929,212**
[13] A1
[51] **Int.Cl. B02C 18/00 (2006.01)**
[25] EN
[54] **COMMINUTING UNIT FOR A COMMINUTING DEVICE FOR COMMINUTING FEED MATERIAL, IN PARTICULAR KNIFE BASKET**
[54] **MODULE DILACERATEUR DESTINE A UN APPAREIL DILACERATEUR SERVANT A DILACERER UN MATERIAU D'ALIMENTATION, DANS UN PANIER A COUTEAU PARTICULIER**
[72] PALLMANN, HARTMUT, DE
[72] DEGEL, VOLKER, DE
[71] PALLMANN MASCHINENFABRIK GMBH & CO. KG, DE
[22] 2016-05-06
[41] 2016-11-09
[30] DE (10 2015 005 787.1) 2015-05-09

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[21] **2,929,258**
[13] A1
[51] **Int.Cl. B62D 55/12 (2006.01) B62D 55/125 (2006.01)**
[25] EN
[54] **COMBINATION OF A DRIVE WHEEL AND A GEARBOX FOR A CONTINUOUS TRACK SYSTEM**
[54] **COMBINAISON D'UNE ROUE D'ENTRAINEMENT ET D'UNE BOITE DE VITESSES DESTINEE A UN SYSTEME A BANDE EN CONTINU**
[72] ZUIDBERG, JEROEN EMIEL, NL
[71] ZUIDBERG TECHNIEK HOLDING B.V., NL
[22] 2016-05-06
[41] 2016-11-08
[30] NL (2014781) 2015-05-08

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[21] **2,929,259**
[13] A1
[51] **Int.Cl. E04C 2/34 (2006.01)**
[25] EN
[54] **INSULATIVE BUILDING PANELS**
[54] **PANNEAUX DE CONSTRUCTION ISOLANTS**
[72] MARTEL, NICHOLAS, CA
[71] MARTEL, NICHOLAS, CA
[22] 2016-05-06
[41] 2016-11-08
[30] US (62/158,787) 2015-05-08

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[21] **2,929,265**
[13] A1
[51] **Int.Cl. A41D 3/00 (2006.01)**
[25] EN
[54] **COVER UP FOR TROUSERS**
[54] **REVETEMENT DE PANTALON**
[72] VAN WIERTS, CLAUDE, CA
[72] OUELLET, LINE, CA
[71] VAN WIERTS, CLAUDE, CA
[71] OUELLET, LINE, CA
[22] 2016-05-09
[41] 2016-11-10
[30] GB (1507950.2) 2015-05-10

[21] **2,929,270**
[13] A1
[51] **Int.Cl. G01L 9/08 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE FLEXURAL MODE PIEZOELECTRIC DYNAMIC PRESSURE SENSOR**
[54] **DETECTEUR DE PRESSION DYNAMIQUE PIEZOELECTRIQUE EN MODE DE FLEXION A HAUTE TEMPERATURE**
[72] ZHANG, WEIBIN, US
[72] FINK, ANITA, US
[72] CHILDRESS, KIMIKO, US
[72] ERIKSEN, ODD HARALD STEEN, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-05-05
[41] 2016-11-08
[30] US (14/707,485) 2015-05-08

[21] **2,929,271**
[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) A61B 5/02 (2006.01) E04F 13/02 (2006.01)**
[25] EN
[54] **CEMENTITIOUS MATERIAL STRUCTURE WITH SENSORS, MANUFACTURING METHOD AND OPERATION METHOD THEREOF**
[54] **STRUCTURE DE MATERIAU CIMENTAIRE DOTEE DE CAPTEURS, METHODE DE FABRICATION ET METHODE D'UTILISATION ASSOCIEES**
[72] DE SEQUEIRA SERRA NUNES, ANGELA MARIA JESUS, PT
[72] VERMELHUDO, VITOR, PT
[72] CARVALHO GOMES, JOAO MANUEL, PT
[72] MARQUES PESSOA, RICARDO DANIEL, PT
[72] GONCALVES PIMENTA MACHADO, VASCO, PT
[72] DA FONSECA E BRANQUINHO DE PAIS MONTEIRO, JOANA, PT
[72] POCAS GONCALVES, JOSE JOAQUIM, PT
[72] SILVESTRE MENDES PINTO DE MOURA, BRUNA GABRIELA, PT
[72] PINTO LOPES, JAIME RAFAEL, PT
[72] DA FONSECA, JOANA DINIZ, PT
[71] SECIL-COMPANHIA GERAL DE CAL E CIMENTO, S.A., PT
[71] CENTI - CENTRO DE NANOTECHNOLOGIA E DE MATERIAIS TECNICOS FUNCIONAIS E INTELIGENTES, PT
[22] 2016-05-05
[41] 2016-11-07
[30] PT (108448) 2015-05-07

[21] **2,929,288**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **SAFETY-ANCHOR ASSEMBLY OF FALL-PROTECTION LIFELINE SYSTEM FOR WORKERS**
[54] **DISPOSITIF D'ANCRAGE DE SECURITE D'UN MECANISME DE CABLE ANTI-CHUTE DESTINE A DES TRAVAILLEURS**
[72] ALEO, DINO D., CA
[71] ALEO, DINO D., CA
[22] 2016-05-05
[41] 2016-11-06
[30] US (62/157,594) 2015-05-06

[21] **2,929,297**
[13] A1
[51] **Int.Cl. G10K 11/18 (2006.01) H04R 1/44 (2006.01)**
[25] EN
[54] **ACOUSTIC PROJECTOR SYSTEM WITH NON-UNIFORM SPACING**
[54] **SYSTEME DE PROJECTEUR ACOUSTIQUE A ESPACEMENT NON UNIFORME**
[72] BESLIN, OLIVIER, CA
[72] CRAWFORD, JAMES, CA
[72] MALLAY, MATTHEW GERARD, CA
[71] ULTRA ELECTRONICS MARITIME SYSTEMS INC., CA
[22] 2016-05-09
[41] 2016-11-11
[30] US (14/708,610) 2015-05-11
[30] KR (10-2015-0181815) 2015-12-18

[21] **2,929,298**
[13] A1
[51] **Int.Cl. F02C 7/20 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **TURBINE SHROUD SEGMENT ASSEMBLY WITH EXPANSION JOINTS**
[54] **ASSEMBLAGE DE SEGMENT D'ENVELOPPE DE TURBINE DOTE DE JOINTS DE DILATATION**
[72] SENER, ALEXANDER MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-09
[41] 2016-11-11
[30] US (14/708,934) 2015-05-11

[21] **2,929,303**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01)**
[25] EN
[54] **ROD GUIDE FOR ROTATING ROD STRINGS**
[54] **GUIDE TIGE DESTINE A DES TRAINS DE TIGE ROTATIFS**
[72] TESSIER, LYNN, CA
[71] ADVANTAGE PRODUCTS INC., CA
[22] 2016-05-09
[41] 2016-11-07
[30] US (62/158,200) 2015-05-07

[21] **2,929,318**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **MIXED FORM TUBULAR CENTRALIZERS AND METHOD OF USE**
[54] **CENTRALISATEURS TUBULAIRES A FORME MIXTE ET METHODE D'UTILISATION**
[72] ANGMAN, PER, CA
[71] ANGMAN, PER, CA
[22] 2016-05-09
[41] 2016-11-08
[30] US (62/158,619) 2015-05-08

---

[21] **2,929,337**
[13] A1
[51] **Int.Cl. E04H 17/22 (2006.01)**
[25] EN
[54] **FENCE POST RETAINING PLATE**
[54] **PLAQUE DE RETENUE DE POTEAU DE CLOTURE**
[72] GARCIA, LUIS, US
[72] KENJALE, BHUPENDRA, US
[71] W. SILVER INC., US
[22] 2016-05-06
[41] 2016-11-07
[30] US (14/706669) 2015-05-07

---

[21] **2,929,339**
[13] A1
[51] **Int.Cl. B65D 88/34 (2006.01)**
[25] FR
[54] **TOIT FLOTTANT POUR RESERVOIRS DE STOCKAGE**
[54] **FLOATING ROOF FOR STORAGE TANKS**
[72] BLINN, CHRISTOPHER A., US
[72] MICKAN, MARK, US
[71] T. F. WARREN GROUP CORPORATION, US
[22] 2016-05-09
[41] 2016-11-11
[30] US (14/858,596) 2015-09-18
[30] US (62/159,769) 2015-05-11

---

[21] **2,929,340**
[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) F15B 1/10 (2006.01)**
[25] EN
[54] **AIRFLOW MODIFICATION APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE MODIFICATION DE L'ECOULEMENT D'AIR**
[72] WANG, RAYMOND R. M., CA
[71] WANG, RAYMOND R. M., CA
[22] 2016-05-06
[41] 2016-11-08
[30] US (62/158,889) 2015-05-08

---

[21] **2,929,341**
[13] A1
[51] **Int.Cl. B60N 2/44 (2006.01)**
[25] EN
[54] **ISOFIX TRIM RETAINER**
[54] **DISPOSITIF DE RETENUE DE GARNITURE ISOFIX**
[72] HODGSON, DAVID, CA
[71] MAGNA SEATING, CA
[22] 2016-05-09
[41] 2016-11-07
[30] US (62/158,168) 2015-05-07

---

[21] **2,929,362**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **SAFETY-LINE ANCHOR**
[54] **ANCRAGE DE LIGNE DE SECURITE**
[72] WEST, J. STEPHEN, US
[71] WEST, J. STEPHEN, US
[22] 2016-05-06
[41] 2016-11-07
[30] US (14/706,693) 2015-05-07

---

[21] **2,929,403**
[13] A1
[51] **Int.Cl. G06F 9/302 (2006.01) G06F 7/57 (2006.01) G06T 1/20 (2006.01)**
[25] EN
[54] **MULTI-DIMENSIONAL SLIDING WINDOW OPERATION FOR A VECTOR PROCESSOR**
[54] **OPERATION DE FENETRE COULISSANTE MULTIDIMENSIONNELLE POUR UN PROCESSEUR DE VECTEUR**
[72] SADEH, RONI M., IL
[72] DVORETZKI, NOAM, IL
[71] CEVA D.S.P. LTD., IL
[22] 2016-05-06
[41] 2016-11-11
[30] US (14/708,767) 2015-05-11

---

[21] **2,929,425**
[13] A1
[51] **Int.Cl. E06B 9/38 (2006.01) E06B 9/28 (2006.01)**
[25] EN
[54] **SUNLIGHT-REFLECTING BLINDS**
[54] **STORES REFLETANT LA LUMIERE DU SOLEIL**
[72] AHDOOT, ELIOT, CA
[71] BIGZ TECH, CA
[22] 2016-05-06
[41] 2016-11-06
[30] US (62157912) 2015-05-06

---

[21] **2,929,428**
[13] A1
[51] **Int.Cl. E04H 13/00 (2006.01)**
[25] EN
[54] **COLUMBARIUM SYSTEM WITH TEMPORARY NICHE COVER**
[54] **SYSTEME DE COLUMBARIUM DOTE DE COUVRE-NICHE TEMPORAIRE**
[72] TROUSIL, DAVID J., US
[71] EICKHOF COLUMBARIA, INC., US
[22] 2016-05-06
[41] 2016-11-08
[30] US (62/159.096) 2015-05-08

[21] **2,929,485**
[13] A1
[51] **Int.Cl. A47C 27/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTERNAL AIRBED STRUCTURE**
[54] **MECANISMES ET METHODES DESTINES A UNE STRUCTURE INTERNE DE LIT GONFLABLE**
[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX
[72] LAN, CHAOLONG, CN
[72] MA, MINGLIAN, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2016-05-09
[41] 2016-11-11
[30] US (62/159,564) 2015-05-11
[30] US (62/322,560) 2016-04-14
[30] US (15/147,625) 2016-05-05

[21] **2,929,491**
[13] A1
[51] **Int.Cl. B61D 5/00 (2006.01) F16K 31/14 (2006.01) F16K 31/60 (2006.01)**
[25] EN
[54] **VALVE ACTUATOR FOR RAILWAY TANK CAR**
[54] **ACTIONNEUR DE SOUPAPE DESTINE A UN WAGON-CITERNE**
[72] BECHERER, JOSEPH C., US
[71] TRANSQUIP USA, INC., US
[22] 2016-05-09
[41] 2016-11-08
[30] US (62/159053) 2015-05-08

[21] **2,929,511**
[13] A1
[51] **Int.Cl. E01H 1/08 (2006.01) A01G 1/08 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/52 (2006.01)**
[25] EN
[54] **BLOWER**
[54] **VENTILATEUR REFOULANT**
[72] SHAO, XIANDIAN, CN
[72] YAMAOKA, TOSHINARI, CN
[72] NIE, FANGJIE, CN
[72] GUO, JIANPENG, CN
[71] CHERVON (HK) LIMITED, HK
[22] 2016-05-09
[41] 2016-11-11
[30] CN (201510238214.7) 2015-05-11
[30] CN (201510237994.3) 2015-05-11
[30] CN (201510235809.7) 2015-05-11
[30] CN (201510235758.8) 2015-05-11
[30] CN (201510235719.8) 2015-05-11
[30] US (15/147,501) 2016-05-05

[21] **2,929,520**
[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01) F24F 13/04 (2006.01)**
[25] EN
[54] **CONTROLLED DILUTION FLOW IN CRITICAL ENVIRONMENTS**
[54] **ECOULEMENT A DILUTION CONTROLEE DANS LES ENVIRONNEMENTS CRITIQUES**
[72] HAGSTROM, KIM, FI
[71] HALTON OY, FI
[22] 2016-05-10
[41] 2016-11-12
[30] EP (EP15167296.1) 2015-05-12

[21] **2,929,529**
[13] A1
[51] **Int.Cl. H02K 9/06 (2006.01) B65G 23/00 (2006.01) H02P 27/04 (2016.01) E21F 17/00 (2006.01)**
[25] EN
[54] **VARIABLE FREQUENCY DRIVE APPARATUS**
[54] **APPAREIL D'ENTRAINEMENT A FREQUENCE VARIABLE**
[72] FELIX, SHELDON, US
[71] LITTELFUSE, INC., US
[22] 2016-05-10
[41] 2016-11-11
[30] US (62/159,386) 2015-05-11
[30] US (15/145,888) 2016-05-04

[21] **2,929,540**
[13] A1
[51] **Int.Cl. B29C 47/60 (2006.01)**
[25] EN
[54] **SCREW FOR USE IN AN EXTRUDER, METHOD FOR CONVERTING A SCREW AND AN EXTRUDER**
[54] **VIS DESTINEE A UN EXTRUDEUR, METHODE DE CONVERSION D'UNE VIS ET D'UN EXTRUDEUR**
[72] SZURGOT, MATEUSZ, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2016-05-09
[41] 2016-11-10
[30] DE (10 2015 005 790.1) 2015-05-10

[21] **2,929,683**
[13] A1
[51] **Int.Cl. B60R 22/10 (2006.01) A01K 13/00 (2006.01) A01K 15/04 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **VEHICULAR RESTRAINT DEVICE FOR ANIMALS**
[54] **DISPOSITIF DE RETENUE D'ANIMAUX A BORD D'UN VEHICULE**
[72] TEMPLETON, GORDON D. O., CA
[71] TEMPLETON, GORDON D. O., CA
[22] 2016-05-12
[41] 2016-11-12
[30] US (62/160,314) 2015-05-12

[21] **2,929,685**
[13] A1
[51] **Int.Cl. E21B 34/10 (2006.01) E21B 43/12 (2006.01) E21B 43/25 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **DOWNHOLE FLOW CONTROL APPARATUS**
[54] **APPAREIL DE REGULATION DU DEBIT EN FOND DE TROU**
[72] GETZLAF, DON, CA
[72] RAVENSBERGEN, JOHN EDWARD, CA
[72] GILLIS, BROCK, CA
[72] WERRIES, MICHAEL, CA
[71] NCS MULTISTAGE INC., CA
[22] 2016-05-11
[41] 2016-11-11
[30] US (62/159,808) 2015-05-11

[21] **2,929,696**
[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01) E04D 13/152 (2006.01) E04D 13/17 (2006.01)**
[25] EN
[54] **RIDGE VENT WITH FIRE RESISTANT MATERIAL**
[54] **EVENT DE FAITAGE FAIT DE MATERIAU IGNIFUGE**
[72] GRUBKA, LAWRENCE J., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2016-05-11
[41] 2016-11-12
[30] US (62/160,058) 2015-05-12

[21] **2,929,705**
[13] A1
[51] **Int.Cl. A61G 3/08 (2006.01) A61G 3/02 (2006.01) A61G 5/10 (2006.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SECURE WHEELCHAIR USE IN DEMAND RESPONSE TRANSPORTATION SYSTEM**
[54] **METHODE ET MECANISME D'UTILISATION SECURITAIRE D'UN FAUTEUIL ROULANT DANS UN SYSTEME DE TRANSPORT A DEMANDE ET REPONSE**
[72] BARNES, SHARON A., US
[72] BROOKS, MARTY C., US
[72] ERNSDORFF, PAUL, US
[72] MOORE, MARSHA L., US
[71] TRAPEZE SOFTWARE ULC, CA
[22] 2016-05-12
[41] 2016-11-12
[30] US (62/160,029) 2015-05-12

---

[21] **2,929,722**
[13] A1
[51] **Int.Cl. F16L 55/26 (2006.01) F16L 55/40 (2006.01)**
[25] EN
[54] **PIPELINE INSPECTION GAUGE**
[54] **JAUGE D'INSPECTION DE PIPELINE**
[72] PIRNER, PAUL, CA
[71] PIRNER, PAUL, CA
[22] 2016-05-12
[41] 2016-11-12
[30] US (62/160,052) 2015-05-12

---

[21] **2,929,760**
[13] A1
[51] **Int.Cl. B64D 1/00 (2006.01) B64D 9/00 (2006.01) B64D 25/02 (2006.01)**
[25] EN
[54] **HOVERING AIRCRAFT BELLY BAR CLASP**
[54] **CROCHET DE BARRE DE VENTRE D'AERONEF EN VOL STATIONNAIRE**
[72] WINFREE, GORDON B., US
[72] PATTON, MIKE, US
[71] QUANTA ASSOCIATES, L.P., US
[22] 2016-05-12
[41] 2016-11-12
[30] US (62/160107) 2015-05-12

---

[21] **2,929,766**
[13] A1
[51] **Int.Cl. H02G 3/14 (2006.01) H01H 9/20 (2006.01) H01R 13/447 (2006.01)**
[25] EN
[54] **CHILD RESISTANT ELECTRICAL OUTLET AND SWITCH COVER**
[54] **RECOUVREMENT D'INTERRUPTEUR ET DE PRISE DE COURANT ELECTRIQUE A L'EPREUVE DES ENFANTS**
[72] MELISTAS, GEORGE D., US
[72] MELISTAS, KALIOPI E., US
[71] MELISTAS, GEORGE D., US
[71] MELISTAS, KALIOPI E., US
[22] 2016-05-12
[41] 2016-11-12
[30] US (62/160,041) 2015-05-12

---

[21] **2,929,787**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **RESOURCE ALLOCATION CONTROL BASED ON CONNECTED DEVICES**
[54] **CONTROLE D'ATTRIBUTION DE RESSOURCE FONDE SUR LES APPAREILS CONNECTES**
[72] COHEN, EVAN, CA
[72] MARI, KEVIN, CA
[72] HAMILTON, MATTHEW, CA
[72] BARNETT, JONATHAN K., CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG-SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-05-11
[41] 2016-11-12
[30] US (62/160,074) 2015-05-12
[30] US (62/249,676) 2015-11-02
[30] US (62/249,690) 2015-11-02

---

[21] **2,929,791**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **RESOURCE ALLOCATION BASED ON CONNECTED DEVICES**
[54] **ATTRIBUTION DE RESSOURCE FONDEE SUR LES APPAREILS CONNECTES**
[72] CHAN, PAUL MON-WAH, CA
[72] MORETTI, CHRISTIANNE, CA
[72] GRANT, KEVIN, CA
[72] MARI, KEVIN, CA
[72] HAMILTON, MATTHEW, CA
[72] BARNETT, JONATHAN K., CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-05-11
[41] 2016-11-12
[30] US (62/160,074) 2015-05-12

---

[21] **2,929,802**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01) H02H 9/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **RESOURCE ALLOCATION CONTROL BASED ON CONNECTED DEVICES**
[54] **CONTROLE D'ATTRIBUTION DE RESSOURCE FONDE SUR LES APPAREILS CONNECTES**
[72] COHEN, EVAN, CA
[72] MARI, KEVIN, CA
[72] HAMILTON, MATTHEW, CA
[72] BARNETT, JONATHAN K., CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG-SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-05-11
[41] 2016-11-12
[30] US (62/160,074) 2015-05-12
[30] US (62/249,676) 2015-11-02
[30] US (62/249,690) 2015-11-02

[21] **2,929,803**
[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACCESSING COMPUTATIONAL RESOURCES IN AN OPEN ENVIRONMENT**
[54] **SYSTEMES ET METHODES D'ACCES A DES RESSOURCES INFORMATIQUES DANS UN ENVIRONNEMENT OUVERT**
[72] MOK CHOE, MOK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] HOSSEINIAN, ALI, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-05-11
[41] 2016-11-12
[30] US (62/160,274) 2015-05-12

[21] **2,929,922**
[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01) A01K 13/00 (2006.01) A01K 29/00 (2006.01) G01G 17/08 (2006.01) G01G 21/22 (2006.01) G01G 23/36 (2006.01)**
[25] EN
[54] **FEEDER, SYSTEM AND METHOD FOR THE REAL-TIME MEASUREMENT OF THE GROWTH AND/OR EVOLUTION OF THE WEIGHT OF ANIMALS**
[54] **MECANISME D'ALIMENTATION, SYSTEME ET METHODE DE MESURE EN TEMPS REEL DE LA CROISSANCE OU DE L'EVOLUTION DU POIDS DES ANIMAUX**
[72] POMAR GOMA, JESUS, ES
[71] EXAFAN, S.A., ES
[71] UNIVERSITAT DE LLEIDA, ES
[22] 2016-05-12
[41] 2016-11-12
[30] EP (15382247.3) 2015-05-12

[21] **2,929,926**
[13] A1
[51] **Int.Cl. A61L 27/54 (2006.01) A61F 2/06 (2013.01)**
[25] EN
[54] **DRUG-ELUTING DEVICE FOR PROPHYLAXIS OR TREATMENT OF A DISEASE OR PATHOLOGY**
[54] **DISPOSITIF D'ELUTION DE MEDICAMENT DESTINE A LA PROPHYLAXIE OU AU TRAITEMENT D'UNE MALADIE OU D'UNE PATHOLOGIE**
[72] MITHA, ALIM, CA
[72] WONG, JOHN H., CA
[72] BHAMBRI, PALLAVI, CA
[71] FLUID BIOTECH INC., CA
[22] 2016-05-06
[41] 2016-11-06
[30] US (62/157,755) 2015-05-06

[21] **2,941,130**
[13] A1
[51] **Int.Cl. G09F 9/33 (2006.01) E01F 9/00 (2016.01) G09G 3/32 (2016.01)**
[25] EN
[54] **LIMITED VIEW DYNAMIC MESSAGE SIGN FOR TRAFFIC INFORMATION**
[54] **SIGNAL DE MESSAGE DYNAMIQUE A VISION LIMITEE DESTINE A L'INFORMATION SUR LE TRAFIC**
[72] PERUT, PHILIPPE, US
[71] SES AMERICA INC., US
[22] 2016-09-08
[41] 2016-11-07
[30] US (62/218937) 2015-09-15

[21] **2,941,315**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/04 (2006.01) A01H 5/10 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01) C12P 17/18 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **HIGH THEBAINE POPPY AND METHODS OF PRODUCING THE SAME**
[54] **PAVOT A TENEUR ELEVEE EN THEBAINE ET PROCEDE DE FABRICATION ASSOCIE**
[72] KOVALCHUK, IGOR, CA
[71] API LABS INC., CA
[22] 2016-09-07
[41] 2016-11-08
[30] US (62/374,682) 2016-08-12

[21] **2,941,404**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 19/02 (2006.01)**
[25] EN
[54] **WELLHEAD TUBING ROTATORS AND RELATED METHODS**
[54] **ROTATEURS DE TUBAGES DE TETE DE PUITS ET METHODES ASSOCIEES**
[72] OBREJANU, MARCEL, CA
[71] PREMIUM ARTIFICIAL LIFT SYSTEMS LTD., CA
[22] 2016-09-14
[41] 2016-11-09

[21] **2,941,453**
[13] A1
[51] **Int.Cl. B65D 88/34 (2006.01) E04H 4/10 (2006.01)**
[25] EN
[54] **FLOATING COVER WITH STRUCTURAL SUPPORTS**
[54] **REVETEMENT FLOTTANT DOTE DE SUPPORTS STRUCTURELS**
[72] MILLS, JAMES A., CA
[71] LAYFIELD GROUP LTD., CA
[22] 2016-09-12
[41] 2016-11-09

[21] **2,942,266**
[13] A1
[51] **Int.Cl. A23G 9/38 (2006.01) A23L 33/17 (2016.01) A23G 9/04 (2006.01) A23G 9/32 (2006.01)**
[25] EN
[54] **PROTEIN BASED FROZEN DESSERT USING ALTERNATIVE SUGARS AND METHODS OF MAKING THE SAME**
[54] **DESSERT SURGELE PROTEINE RENFERMANT DES SUCRES DE REMPLACEMENT ET METHODE DE FABRICATION ASSOCIEE**
[72] BERNETT, NOAH, CA
[71] BERNETT, NOAH, CA
[22] 2016-09-15
[41] 2016-11-08
[30] US (62218864) 2015-09-15

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,932,347**
[13] A1
[51] **Int.Cl. C23F 11/14 (2006.01)**
[25] EN
[54] **TETRAZOLE BASED CORROSION INHIBITORS**
[54] **INHIBITEURS DE CORROSION A BASE DE TETRAZOLE**
[72] SEETHARAMAN, JOTHIBASU, IN
[72] RENY, EDOUARD ANDRE, NL
[72] JOHNSON, DONALD A., US
[72] SAWANT, KAILAS B., US
[72] SIVASWAMY, VAIDEESWARAN, IN
[71] ECOLAB USA INC., US
[85] 2016-05-31
[86] 2014-12-02 (PCT/US2014/068130)
[87] (WO2015/084830)
[30] US (61/910,833) 2013-12-02

---

[21] **2,933,483**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/44 (2006.01) A61K 31/443 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01) C07D 213/82 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/14 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED DIALKYL(OXIDO)-.LAMBDA4.-SULFANYLIDENE NICOTINAMIDE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVES DE DIALKYL(OXYDO)-.LAMBDA4.-SULFANYLIDENE NICOTINAMIDE UTILISES COMME INHIBITEURS DE KINASES**
[72] BORAL, SOUGATO, US
[72] WANG, SHIMIAO, US
[72] MALONE, THOMAS, US
[72] WURSTER, JULIE, US
[72] SHEN, JIE, US
[72] ROBINSON, MICHAEL, US
[71] ALLERGAN, INC., US
[85] 2016-06-09
[86] 2014-12-10 (PCT/US2014/069589)
[87] (WO2015/089210)
[30] US (61/915,172) 2013-12-12

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[21] **2,934,554**
[13] A1
[51] **Int.Cl. B32B 9/00 (2006.01) B32B 23/00 (2006.01) B32B 33/00 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSIONS FOR USE AS COATINGS WITH VARIABLE WATER VAPOR PERMEANCE RATINGS**
[54] **DISPERSIONS AQUEUSES POUR UNE UTILISATION EN TANT QUE REVETEMENTS AVEC COTES VARIABLES DE PERMEABILITE A LA VAPEUR D'EAU**
[72] KNAPP, KENNETH D., US
[72] GALLAGHER, KEVIN J., US
[72] TOAS, MURRAY S., US
[72] YUAN, SAM, US
[72] MENDON, SHARATHKUMAR K., US
[72] RAWLINS, JAMES W., US
[71] CERTAINTEED CORPORATION, US
[85] 2016-06-17
[86] 2014-12-19 (PCT/US2014/071694)
[87] (WO2015/095805)
[30] US (61/918,521) 2013-12-19

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[21] **2,935,070**
[13] A1
[51] **Int.Cl. D21H 27/30 (2006.01)**
[25] EN
[54] **BASE FABRIC FOR DISPOSABLE TEXTILE PRODUCT AND DISPOSABLE TEXTILE PRODUCT USING SAME**
[54] **TISSU DE BASE DESTINE A UN PRODUIT TEXTILE JETABLE ET PRODUIT TEXTILE JETABLE COMPORTANT LEDIT TISSU**
[72] YAMADA, KIKUO, JP
[71] YAMADA, KIKUO, JP
[85] 2016-07-04
[86] 2015-11-13 (PCT/JP2015/082637)
[87] (2935070)
[30] JP (2015-097780) 2015-05-12
[30] JP (2015/123315) 2015-06-18
[30] JP (2015-157776) 2015-08-07
[30] US (62/205,936) 2015-08-17

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[21] **2,938,829**
[13] A1
[51] **Int.Cl. A61M 5/44 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **HEAT BALANCE TYPE CIRCULATING PIPE SYSTEM**
[54] **RESEAU DE TUYAUX A CIRCULATION DE TYPE A EQUILIBRE THERMIQUE**
[72] LI, WEI, CN
[71] LI, WEI, CN
[85] 2016-08-11
[86] 2016-01-14 (PCT/CN2016/070863)
[87] (2938829)

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[21] **2,942,562**
[13] A1
[51] **Int.Cl. D03D 15/00 (2006.01) D06M 17/00 (2006.01) D21F 7/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL TWO-LAYER FABRIC**
[54] **TISSU INDUSTRIEL A DOUBLE COUCHE**
[72] UEDA, IKUO, JP
[71] NIPPON FILCON CO., LTD, JP
[85] 2016-09-21
[86] 2016-03-24 (PCT/JP2016/059307)
[87] (2942562)
[30] JP (2015-067897) 2015-03-30

[21] **2,943,572**
[13] A1
[51] **Int.Cl. B25J 11/00 (2006.01) B25J 5/02 (2006.01) B25J 5/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR AUTOMATED MACHINING OF WORKPIECES**
[54] **DISPOSITIF ET PROCEDE D'USINAGE AUTOMATISE DE PIECES**
[72] KNOOP, FRANK, DE
[72] SCHLUTER, RAINER, DE
[72] MUNK, THOMAS, DE
[72] CONERS, ROLF, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2016-09-22
[86] 2015-03-25 (PCT/EP2015/056392)
[87] (WO2015/155005)
[30] DE (10 2014 206 683.2) 2014-04-07

[21] **2,943,621**
[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODIES THAT BIND TO CD38 AND CD3**
[54] **ANTICORPS BISPECIFIQUES SE LIANT A CD38 ET CD3**
[72] BERNETT, MATTHEW, J., US
[72] CHU, SEUNG, Y., US
[72] MOORE, GREGORY, US
[72] DESJARLAIS, JOHN, US
[71] XENCOR, INC., US
[85] 2016-09-22
[86] 2015-03-30 (PCT/US2015/023411)
[87] (WO2015/149077)
[30] US (61/972,172) 2014-03-28
[30] US (62/025,931) 2014-07-17
[30] US (62/025,974) 2014-07-17

[21] **2,943,882**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 25/00 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **INDOLIN-2-ONE AND 1,3-DIHYDRO-PYRROLO[3,2-C]PYRIDIN-2-ONE DERIVATIVES**
[54] **DERIVES D'INDOLIN-2-ONE ET DE 1,3-DIHYDRO-PYRROLO[3,2-C]PYRIDIN-2-ONE**
[72] HILPERT, HANS, CH
[72] KOLCZEWSKI, SABINE, DE
[72] LIMBERG, ANJA, CH
[72] STOLL, THEODOR, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-09-26
[86] 2015-05-19 (PCT/EP2015/060937)
[87] (WO2015/177110)
[30] EP (14169477.8) 2014-05-22

[21] **2,943,889**
[13] A1
[51] **Int.Cl. C07D 491/08 (2006.01) A61K 31/5386 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **5-OXA-2-AZABICYCLO[2.2.2]OCTAN-4-YL AND 5-OXA-2-AZABICYCLO[2.2.1]HEPTAN-4-YL DERIVATIVES AS TAAR1 MODULATORS**
[54] **DERIVES 5-OXA-2-AZABICYCLO[2.2.2]OCTAN-4-YL ET 5-OXA-2-AZABICYCLO[2.2.1]HEPTAN-4-YL EN TANT QUE MODULATEURS DE TAAR1**
[72] CECERE, GIUSEPPE, CH
[72] GALLEY, GUIDO, DE
[72] HU, YIMIN, CN
[72] NORCROSS, ROGER, CH
[72] PFLIEGER, PHILIPPE, FR
[72] SHEN, HONG, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-09-26
[86] 2015-05-22 (PCT/EP2015/061348)
[87] (WO2015/181061)
[30] CN (PCT/CN2014/078644) 2014-05-28

[21] **2,943,973**
[13] A1
[51] **Int.Cl. D06F 37/28 (2006.01) D06F 37/10 (2006.01) D06F 37/18 (2006.01) D06F 39/14 (2006.01)**
[25] EN
[54] **WASHING MACHINE**
[54] **MACHINE A LAVER**
[72] KIM, DONG YOUNG, KR
[72] WISHNEY, ADAM, SG
[72] RYU, DOO YOUNG, KR
[72] LEE, IN JU, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-09-26
[86] 2016-02-22 (PCT/KR2016/001699)
[87] (WO2016/137172)
[30] KR (10-2015-0026866) 2015-02-25

[21] **2,944,006**
[13] A1
[51] **Int.Cl. H04B 3/32 (2006.01) H04L 5/14 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **LOW POWER MODE WITH LEGACY COMPATIBILITY**
[54] **MODE BASSE PUISSANCE AVEC COMPATIBILITE PATRIMONIALE**
[72] TZANNES, MARCOS C., US
[71] TQ DELTA, LLC, US
[85] 2016-09-27
[86] 2015-04-28 (PCT/US2015/027983)
[87] (WO2015/168117)
[30] US (61/985,168) 2014-04-28

[21] **2,944,031**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **CLIENT-SIDE INTEGRATION FRAMEWORK OF SERVICES**
[54] **CADRE D'INTEGRATION DE SERVICES COTE CLIENT**
[72] YAHALOM, SAAR, US
[72] DE SMET, BART J.F., US
[72] MASSEY, DANIEL LEE, US
[72] BURGER, DOUGLAS C., US
[72] AGUERA Y ARCAS, BLAISE HILARY, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-09-26
[86] 2015-04-24 (PCT/US2015/027406)
[87] (WO2015/167940)
[30] US (14/265,656) 2014-04-30

[21] **2,944,050**
[13] A1
[51] **Int.Cl. B61F 5/38 (2006.01) A63G 7/00 (2006.01) A63G 21/00 (2006.01)**
[25] EN
[54] **CAR WITH ROTATABLY MOUNTED WHEEL AXLE FOR A FAIRGROUND RIDE AND METHOD FOR CONTROLLING A ROTATABLY MOUNTED WHEEL AXLE OF SUCH A CAR**
[54] **VOITURE POUR MANEGE COMPORTANT UN ESSIEU MONTE A DE FACON ROTATIVE ET PROCEDE DE COMMANDE D'UN ESSIEU D'UNE TELLE VOITURE MONTE DE FACON ROTATIVE**
[72] KRAUS, MICHAEL, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2016-09-27
[86] 2015-03-24 (PCT/EP2015/056312)
[87] (WO2015/150172)
[30] DE (10 2014 104 636.6) 2014-04-02

[21] **2,944,096**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H04W 40/00 (2009.01) H04L 12/701 (2013.01) H02J 3/00 (2006.01)**
[25] EN
[54] **MODULAR POWER CONTROLLER**
[54] **SYSTEME DE COMMANDE D'ALIMENTATION MODULAIRE**
[72] MCNEILL-MCCALLUM, DUNCAN, GB
[72] MCNEILL-MCCALLUM, EMMA, GB
[71] VIOEARTH HOLDINGS LIMITED, GB
[85] 2016-09-27
[86] 2015-04-08 (PCT/EP2015/057635)
[87] (WO2015/155250)
[30] GB (1406308.5) 2014-04-08

[21] **2,944,098**
[13] A1
[51] **Int.Cl. C02F 1/28 (2006.01) D21C 9/08 (2006.01) D21H 21/02 (2006.01)**
[25] EN
[54] **ADSORBING AND/OR REDUCTION OF THE AMOUNT OF ORGANIC MATERIALS IN AN AQUEOUS MEDIUM BY USING COLLOIDAL PRECIPITATED CALCIUM CARBONATE**
[54] **ADSORPTION ET/OU REDUCTION DE LA QUANTITE DE MATIERES ORGANIQUES DANS UN MILIEU AQUEUX PAR CARBONATE DE CALCIUM PRECIPITE COLLOIDAL**
[72] GANTENBEIN, DANIEL, CH
[72] GANE, PATRICK A. C., CH
[72] SCHOELKOPF, JOACHIM, CH
[72] LEHTIPUU, JUHANA TUOMAS, FI
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-09-27
[86] 2015-04-13 (PCT/EP2015/057967)
[87] (WO2015/158657)
[30] EP (14164890.7) 2014-04-16

[21] **2,944,128**
[13] A1
[51] **Int.Cl. A61K 47/30 (2006.01) A61K 47/32 (2006.01) A61K 48/00 (2006.01) C08G 65/333 (2006.01) C12N 15/11 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **CAPPED AND UNCAPPED RNA MOLECULES AND BLOCK COPOLYMERS FOR INTRACELLULAR DELIVERY OF RNA**
[54] **MOLECULES D'ARN COIFFEES ET NON COIFFEES ET COPOLYMERES SEQUENCES POUR L'ADMINISTRATION INTRACELLULAIRE D'ARN**
[72] PITARD, BRUNO, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE DE NANTES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2016-09-27
[86] 2015-04-01 (PCT/IB2015/052405)
[87] (WO2015/151048)
[30] EP (14305472.4) 2014-04-01

[21] **2,944,145**
[13] A1
[51] **Int.Cl. A61F 2/954 (2013.01) A61F 2/07 (2013.01) A61F 2/962 (2013.01)**
[25] EN
[54] **DELIVERY AND DEPLOYMENT SYSTEMS FOR BIFURCATED STENT GRAFTS**
[54] **SYSTEMES DE POSE ET DE DEPLOIEMENT POUR GREFFONS D'ENDOPROTHESE A BIFURCATION**
[72] BEARD, MATTHEW S., US
[72] SECTOR, MARTIN J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2016-09-27
[86] 2015-04-01 (PCT/US2015/023874)
[87] (WO2015/153754)
[30] US (61/975,217) 2014-04-04
[30] US (14/675,368) 2015-03-31

[21] **2,944,154**
[13] A1
[51] **Int.Cl. E21B 43/247 (2006.01) C09K 8/66 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **CHEMICALLY-INDUCED PULSED FRACTURING METHOD**
[54] **PROCEDE DE FRACTURATION PAR IMPULSION INDUITE CHIMIQUEMENT**
[72] AL-NAKHLI, AYMAN R., SA
[72] ABASS, HAZIM H., SA
[72] HILAB, VICTOR V., SA
[72] KHAN, MIRAJUDDIN R., SA
[72] AL-OTAIBI, AHMAD S., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-09-27
[86] 2015-04-17 (PCT/US2015/026402)
[87] (WO2015/161213)
[30] US (61/980,664) 2014-04-17
[30] US (62/017,867) 2014-06-27

[21] **2,944,155**
[13] A1
[51] **Int.Cl. C07H 19/10 (2006.01) C07H 19/06 (2006.01) C07H 19/073 (2006.01) C07H 21/00 (2006.01) C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **MODIFIED CYTOSINE POLYNUCLEOTIDE OLIGOMERS AND METHODS**
[54] **OLIGOMERES POLYNUCLEOTIDIQUES DE CYTOSINE MODIFIEE ET PROCEDES CORRESPONDANTS**
[72] GALL, ALEXANDER A., US
[72] LOKHOV, SERGEY G., US
[72] PODYMINOGIN, MIKHAIL A., US
[72] VIAZOVKINA, EKATERINA V., US
[72] LUND, KEVIN PATRICK, US
[71] CEPHEID, US
[85] 2016-09-27
[86] 2015-03-30 (PCT/US2015/023428)
[87] (WO2015/153510)
[30] US (61/972,391) 2014-03-30
[30] US (14/673,494) 2015-03-30

[21] **2,944,157**
[13] A1
[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/44 (2006.01) A61K 8/67 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS HAVING REDUCED IRRITATION**
[54] **COMPOSITIONS COSMETIQUES PRODUISANT MOINS D'IRRITATION**
[72] DAS, SOURAV, US
[72] YOSHIMI, NAOHISA, SG
[72] TANAKA, SHUHEI, SG
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-27
[86] 2015-04-21 (PCT/US2015/026737)
[87] (WO2015/164290)
[30] US (61/982,883) 2014-04-23

[21] **2,944,191**
[13] A1
[51] **Int.Cl. A23G 9/20 (2006.01) A23L 29/20 (2016.01) A23P 30/20 (2016.01) A23P 30/40 (2016.01) A23G 9/04 (2006.01) A23G 9/46 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING FROZEN FOOD PRODUCTS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE PRODUITS ALIMENTAIRES CONGELES**
[72] ISRANI, SAMEER H., US
[72] HUNEK, BALAZS, US
[72] GASTEYER, THEODORE H., US
[72] LANG, GARY D., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2016-09-28
[86] 2015-04-08 (PCT/US2015/024944)
[87] (WO2015/160594)
[30] US (61/980,490) 2014-04-16

[21] **2,944,222**
[13] A1
[51] **Int.Cl. H02J 15/00 (2006.01) H02M 7/49 (2007.01) H02M 3/158 (2006.01)**
[25] EN
[54] **ELECTRICAL ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE ELECTRIQUE**
[72] GOETZ, STEFAN, DE
[71] DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT, DE
[85] 2016-09-28
[86] 2015-04-07 (PCT/DE2015/000175)
[87] (WO2015/154743)
[30] DE (20 2014 002 953.9) 2014-04-07

[21] **2,944,230**
[13] A1
[51] **Int.Cl. C12N 15/38 (2006.01) A61K 39/245 (2006.01) A61P 31/20 (2006.01) C07K 14/045 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **HUMAN CYTOMEGALOVIRUS VACCINE COMPOSITIONS AND METHOD OF PRODUCING THE SAME**
[54] **COMPOSITIONS DE VACCIN CONTRE LE CYTOMEGALOVIRUS HUMAIN ET METHODE DE PRODUCTION ASSOCIEE**
[72] LANZAVECCHIA, ANTONIO, CH
[72] PEREZ, LAURENT, CH
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE, CH
[85] 2016-09-28
[86] 2015-04-23 (PCT/EP2015/000843)
[87] (WO2015/161926)
[30] EP (PCT/EP2014/001086) 2014-04-23
[30] EP (PCT/EP2014/001168) 2014-04-30

[21] **2,944,240**
[13] A1
[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/4178 (2006.01) A61K 31/422 (2006.01) A61K 31/4245 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 263/58 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **INDOLE DERIVATIVES FOR USE IN MEDICINE**
[54] **DERIVES INDOLES DESTINES A ETRE UTILISES DANS LE DOMAINE DE LA MEDECINE**
[72] COWLEY, PHILLIP, GB
[72] WISE, ALAN, GB
[72] KICZUN, MICHAEL, GB
[72] DAVIS, SUSAN, GB
[71] IOMET PHARMA LTD, GB
[85] 2016-09-28
[86] 2015-03-19 (PCT/EP2015/055823)
[87] (WO2015/150097)
[30] GB (1406154.3) 2014-04-04
[30] GB (1502156.1) 2015-02-10

[21] **2,944,262**
[13] A1
[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01) A61K 35/545 (2015.01) A61K 35/28 (2015.01) A61P 9/00 (2006.01)**
[25] EN
[54] **IMPROVED STEM CELL COMPOSITION**
[54] **COMPOSITION DE CELLULES SOUCHES AMELIOREE**
[72] ITESCU, SILVIU, AU
[72] SIMMONS, PAUL, AU
[71] MESOBLAST INTERNATIONAL SARL, CH
[85] 2016-09-28
[86] 2015-04-07 (PCT/EP2015/057521)
[87] (WO2015/155187)
[30] AU (2014901247) 2014-04-07

[21] **2,944,269**
[13] A1
[51] **Int.Cl. C12M 1/12 (2006.01) C12M 1/00 (2006.01) C12N 7/00 (2006.01) C12P 1/00 (2006.01) C12P 21/00 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **A HIGH CELL DENSITY FILL AND DRAW FERMENTATION PROCESS**
[54] **PROCEDE DE FERMENTATION PAR REMPLISSAGE ET SOUTIRAGE A HAUTE DENSITE DE CELLULES**
[72] LAUSTSEN, MADS, DK
[71] CMC BIOLOGICS A/S, DK
[85] 2016-09-28
[86] 2015-04-14 (PCT/EP2015/058037)
[87] (WO2015/158696)
[30] EP (14164862.6) 2014-04-16

[21] **2,944,271**
[13] A1
[51] **Int.Cl. C10L 10/02 (2006.01) C10L 1/12 (2006.01) C10L 9/10 (2006.01)**
[25] FR
[54] **MATERIAL CONSISTING OF A PREPARATION COMPRISING FERROCENE**
[54] **MATERIAU CONSTITUE D'UNE PREPARATION COMPRENANT DU FERROCENE**
[72] MITCHELL, JAMES BRIAN, FR
[71] UNIVERSITE DE RENNES 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2016-09-28
[86] 2015-04-17 (PCT/EP2015/058459)
[87] (WO2015/158922)
[30] FR (14/00923) 2014-04-17

[21] **2,944,272**
[13] A1
[51] **Int.Cl. H05B 1/00 (2006.01) H03K 17/00 (2006.01) H03K 17/955 (2006.01) H05B 3/84 (2006.01)**
[25] EN
[54] **PANE WITH AN ILLUMINATED SWITCH SURFACE AND A HEATING FUNCTION**
[54] **PANNEAU COMPORTANT UNE SURFACE D'INTERRUPTEUR ILLUMINEE ET UNE FONCTION DE CHAUFFAGE**
[72] WEBER, PATRICK, DE
[72] SCHULZ, VALENTIN, DE
[72] HERMANGE, FRANCOIS, DE
[72] DROSTE, STEFAN, DE
[72] BONDKOWSKI, JENS, FR
[72] PARIJ, GERRY, US
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-09-28
[86] 2015-04-21 (PCT/EP2015/058552)
[87] (WO2015/162107)
[30] US (61/983,669) 2014-04-24

[21] **2,944,275**
[13] A1
[51] **Int.Cl. H05B 1/00 (2006.01) H03K 17/955 (2006.01) H05B 3/84 (2006.01)**
[25] EN
[54] **ELECTRICALLY HEATABLE PANE WITH SWITCH REGION**
[54] **PANNEAU POUVANT ETRE CHAUFFE ELECTRIQUEMENT DOTE D'UNE REGION D'INTERRUPTEUR**
[72] WEBER, PATRICK, DE
[72] ESSER, HANS-GEORG, DE
[72] BONDKOWSKI, JENS, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-09-28
[86] 2015-04-21 (PCT/EP2015/058553)
[87] (WO2015/162108)
[30] EP (14165740.3) 2014-04-24

[21] **2,944,277**
[13] A1
[51] **Int.Cl. C07D 405/12 (2006.01) A01N 43/68 (2006.01) A01P 13/00 (2006.01) C07D 251/70 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **DIAMINOTRIAZINE COMPOUNDS AS HERBICIDES**
[54] **COMPOSES DE DIAMINOTRIAZINE EN TANT QU'HERBICIDES**
[72] MAJOR, JULIA, DE
[72] VOGT, FLORIAN, DE
[72] CALO, FREDERICK, DE
[72] SEITZ, THOMAS, DE
[72] SCHACHTSCHABEL, DOREEN, DE
[72] NEWTON, TREVOR WILLIAM, DE
[72] HANZLIK, KRISTIN, DE
[72] HUTZLER, JOHANNES, DE
[72] KREUZ, KLAUS, DE
[72] TRESCH, STEFAN, DE
[71] BASF SE, DE
[85] 2016-09-28
[86] 2015-04-22 (PCT/EP2015/058696)
[87] (WO2015/162169)
[30] EP (14165624.9) 2014-04-23

[21] **2,944,286**
[13] A1
[51] **Int.Cl. C07D 277/50 (2006.01) A61K 31/426 (2006.01) A61K 31/549 (2006.01) A61P 35/00 (2006.01) C07D 285/16 (2006.01)**
[25] EN
[54] **NAT10 MODULATORS FOR TREATING OR PREVENTING LAMINOPATHIES, AGING AND CANCER**
[54] **MODULATEURS NAT10 POUR LE TRAITEMENT OU LA PREVENTION DES LAMINOPATHIES, DU VIEILLISSEMENT ET DU CANCER**
[72] LARRIEU, DELPHINE LAURENCE DANIELE, GB
[72] RODRIGUEZ, RAPHAEL JOEL, FR
[72] BRITTON, SEBASTIEN FREDERIC STEPHANE, FR
[72] JACKSON, STEPHEN PHILIP, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[71] THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2016-09-28
[86] 2015-04-02 (PCT/GB2015/051040)
[87] (WO2015/150824)
[30] GB (1405991.9) 2014-04-03

[21] **2,944,305**
[13] A1
[51] **Int.Cl. A23K 20/158 (2016.01) A23K 20/10 (2016.01) A23K 40/10 (2016.01) A23K 50/10 (2016.01) A23K 50/30 (2016.01) A23K 50/75 (2016.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ANIMAL FEED AND USE THEREOF**
[54] **PROCEDE DE PRODUCTION D'ALIMENTS POUR ANIMAUX ET LEUR UTILISATION**
[72] SERINO, NAZZARO, IT
[71] SEVECOM S.P.A., IT
[85] 2016-09-28
[86] 2015-04-08 (PCT/IB2015/000452)
[87] (WO2015/155590)
[30] IT (MI2014A000646) 2014-04-08

[21] **2,944,315**
[13] A1
[51] **Int.Cl. B01J 33/00 (2006.01) B01J 21/04 (2006.01) B01J 23/42 (2006.01) B01J 23/54 (2006.01) B01J 37/02 (2006.01)**
[25] EN
[54] **A PROCESS FOR MODIFYING A HETEROGENEOUS CATALYST WITH AN ORGANOMETALLIC COMPOUND, A HETEROGENEOUS CATALYST AND SYSTEM THEREOF**
[54] **PROCEDE DE MODIFICATION D'UN CATALYSEUR HETEROGENE A L'AIDE D'UN COMPOSE ORGANOMETALLIQUE, CATALYSEUR HETEROGENE ET SYSTEME ASSOCIE**
[72] CHINTANSINH DHARMENDRASINH, CHUDASAMA, IN
[72] RAWALEKAR, SACHIN, IN
[72] AGRAHARI, SUNIL, IN
[72] GOPALAKRISHNAN, KALPANA, IN
[72] VEERA VENKATA SATYA BHASKARA SITA RAMA MURTHY, KATRAVULAPALLI, IN
[72] KUMAR, AJAY, IN
[72] METTU, ANILKUMAR, IN
[72] SHARMA, NAGESH, IN
[72] VIR JASRA, RAKSH, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
[85] 2016-09-28
[86] 2015-07-17 (PCT/IB2015/055433)
[87] (WO2016/009404)
[30] IN (2325/MUM/2014) 2014-07-17

[21] **2,944,319**
[13] A1
[51] **Int.Cl. C07H 19/10 (2006.01) C07H 19/06 (2006.01) C07H 19/073 (2006.01) C07H 21/00 (2006.01) C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **MODIFIED THYMINE POLYNUCLEOTIDE OLIGOMERS AND METHODS**
[54] **OLIGOMERES POLYNUCLEOTIDIQUES A BASES THYMINE MODIFIEES ET PROCEDES ASSOCIES**
[72] GALL, ALEXANDER A., US
[72] LOKHOV, SERGEY G., US
[72] PODYMINOGIN, MIKHAIL, US
[72] VIAZOVKINA, EKATERINA V., US
[72] LUND, KEVIN PATRICK, US
[71] CEPHEID, US
[85] 2016-09-27
[86] 2015-03-30 (PCT/US2015/023403)
[87] (WO2015/153496)
[30] US (61/972,389) 2014-03-30
[30] US (14/673,403) 2015-03-30

[21] **2,944,328**
[13] A1
[51] **Int.Cl. H01S 5/50 (2006.01) H01S 5/04 (2006.01) H01S 5/183 (2006.01) H01S 5/024 (2006.01)**
[25] EN
[54] **OPTICAL AMPLIFIER**
[54] **AMPLIFICATEUR OPTIQUE**
[72] MALCOLM, GRAEME PETER ALEXANDER, GB
[72] HAMILTON, CRAIG JAMES, GB
[71] SOLUS TECHNOLOGIES LIMITED, GB
[85] 2016-09-28
[86] 2015-04-28 (PCT/GB2015/051232)
[87] (WO2015/166229)
[30] GB (1407462.9) 2014-04-28

[21] **2,944,334**
[13] A1
[51] **Int.Cl. C07K 1/02 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **ARTIFICIALLY ACTIVATED TOXIC PEPTIDES**
[54] **PEPTIDES TOXIQUES ACTIVES ARTIFICIELLEMENT**
[72] KENNEDY, ROBERT M., US
[72] BAO, LIN, US
[72] CARLSON, ALVAR R., US
[72] FOUNE, CATHERINE L., US
[72] HAASE, ALEXANDRA M., US
[72] STEINBAUGH, BRUCE A., US
[71] VESTARON CORPORATION, US
[85] 2016-09-28
[86] 2015-04-03 (PCT/US2015/024334)
[87] (WO2015/154020)
[30] US (61/975,147) 2014-04-04

[21] **2,944,370**
[13] A1
[51] **Int.Cl. C07D 233/90 (2006.01) A61K 31/4164 (2006.01) A61K 31/4178 (2006.01) A61K 31/421 (2006.01) A61K 31/4439 (2006.01) C07D 263/34 (2006.01) C07D 401/12 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 487/10 (2006.01) C07D 491/107 (2006.01)**
[25] EN
[54] **AMIDO-SUBSTITUTED AZOLE COMPOUNDS**
[54] **COMPOSES AZOLE AMIDO-SUBSTITUES**
[72] EIS, KNUT, DE
[72] ACKERSTAFF, JENS, DE
[72] WAGNER, SARAH, DE
[72] BASTING, DANIEL, DE
[72] GOLZ, STEFAN, DE
[72] BENDER, ECKHARD, DE
[72] LI, VOLKHART MIN-JIAN, DE
[72] LIENAU, PHILIP, DE
[72] LIU, NINGSHU, DE
[72] SIEGEL, FRANZISKA, DE
[72] BAUSER, MARCUS, DE
[72] SULZLE, DETLEV, DE
[72] HOLTON, SIMON, DE
[72] BAIRLEIN, MICHAELA, DE
[72] BUCHGRABER, PHILIPP, DE
[72] BALINT, JOZSEF, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2016-09-29
[86] 2015-04-01 (PCT/EP2015/057167)
[87] (WO2015/150449)
[30] EP (14163261.2) 2014-04-02
[30] US (61/973,925) 2014-04-02

[21] **2,944,380**
[13] A1
[51] **Int.Cl. F16B 13/14 (2006.01) E21D 20/02 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **SECURING ARRANGEMENT WITH AXIALLY FIXED MASS EXTRUSION PLATE**
[54] **DISPOSITIF DE FIXATION COMPORTANT UN DISQUE D'EJECTION DE MATIERE FIXE AXIALEMENT**
[72] HAKENHOLT, CHRISTOPH, AT
[72] WILDERMUTH, ANKE, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056964)
[87] (WO2015/150357)
[30] EP (14163063.2) 2014-04-01

[21] **2,944,382**
[13] A1
[51] **Int.Cl. F16B 13/14 (2006.01)**
[25] EN
[54] **SCREW HAVING COMPOUND EXTRUSION PLUNGER**
[54] **VIS MUNIE D'UN PISTON DE REFOULEMENT DE MATIERE**
[72] SPAMPATTI, MATTEO, CH
[72] NGUYEN, HUU TOAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056944)
[87] (WO2015/150351)
[30] EP (14163055.8) 2014-04-01

[21] **2,944,385**
[13] A1
[51] **Int.Cl. C11B 1/06 (2006.01) B30B 9/02 (2006.01) C11B 1/04 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR PRESSING OILSEED TO EXTRACT OIL THEREFROM**
[54] **PROCEDE ET APPAREIL POUR LE PRESSAGE DE GRAINES OLEAGINEUSES POUR EXTRAIRE DE L'HUILE DE CES DERNIERES**
[72] HEWITT, NEIL JAMES, GB
[72] NOVAES, MARCIO FERNANDES, GB
[71] UNIVERSITY OF ULSTER, GB
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/057134)
[87] (WO2015/150433)
[30] GB (1405975.2) 2014-04-02

[21] **2,944,387**
[13] A1
[51] **Int.Cl. F16B 5/02 (2006.01) B23B 51/00 (2006.01) F16B 37/00 (2006.01)**
[25] EN
[54] **FASTENING METHOD**
[54] **PROCEDE DE FIXATION**
[72] FOSER, THOMAS, LI
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056978)
[87] (WO2015/150361)
[30] EP (14163294.3) 2014-04-03

[21] **2,944,389**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR ASSESSING HIV**
[54] **BIOMARQUERS PERMETTANT D'EVALUER LE VIH**
[72] DA SILVA, ISMAEL DALE COTRIM GUERREIRO, BR
[72] LOTURCO, EDSON GUIMARAES, BR
[72] DIAZ, RICOARDO SOUBIE, BR
[72] KOAL, THERESE, AT
[71] IDCGS CLINICA DE DIAGNOSTICOS MEDICOS, BR
[71] CENTRO DE GENOMAS, BR
[71] BIOCRATES LIFE SCIENCES AG, AT
[85] 2016-09-29
[86] 2015-03-31 (PCT/EP2015/056977)
[87] (WO2015/150360)
[30] EP (14001259.2) 2014-04-04

[21] **2,944,402**
[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 49/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **BLOOD-BRAIN BARRIER SHUTTLES CONTAINING ANTIBODIES RECOGNIZING ALPHA-SYNUCLEIN**
[54] **NAVETTES DE LA BARRIERE HEMATO-ENCEPHALIQUE CONTENANT DES ANTICORPS RECONNAISSANT L'ALPHA-SYNUCLEINE**
[72] BARBOUR, ROBIN, US
[72] GAMES-THIEL, KATE DORA, US
[72] NIIJAR, TARLOCHAN S., US
[72] ZAGO, WAGNER, US
[72] MUNDIGL, OLAF, DE
[72] NIEWOEHNER, JENS, DE
[72] TIEFENTHALER, GEORG, DE
[71] PROTHENA BIOSCIENCES LIMITED, IE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-09-29
[86] 2015-04-08 (PCT/IB2015/052524)
[87] (WO2015/155694)
[30] US (61/977,039) 2014-04-08
[30] US (61/977,042) 2014-04-08
[30] US (62/023,373) 2014-07-11

[21] **2,944,409**
[13] A1
[51] **Int.Cl. C03C 3/097 (2006.01) A61K 6/02 (2006.01) C03C 4/12 (2006.01) C03C 10/12 (2006.01) C09K 11/77 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF LITHIUM SILICATE GLASSES AND LITHIUM SILICATE GLASS CERAMICS**
[54] **PROCEDE DE PREPARATION DE VERRES DE SILICATE DE LITHIUM ET DE VITROCERAMIQUES DE SILICATE DE LITHIUM**
[72] KROLIKOWSKI, SEBASTIAN, CH
[72] RAMPF, MARKUS, CH
[72] RITZBERGER, CHRISTIAN, CH
[72] BURKE, HARALD, AT
[72] HOLAND, WOLFRAM, LI
[72] SCHWEIGER, MARCEL, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2016-09-29
[86] 2015-05-12 (PCT/EP2015/060457)
[87] (WO2015/173230)
[30] EP (14168181.7) 2014-05-13

[21] **2,944,410**
[13] A1
[51] **Int.Cl. E02F 9/26 (2006.01) G01B 11/245 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR ACTIVE LOAD WEIGHT FOR MINING EXCAVATING EQUIPMENT**
[54] **PROCEDE ET SYSTEME DE CALCUL ACTIF DE POIDS DE CHARGE POUR EQUIPEMENT D'EXCAVATION MINIERE**
[72] JAEGER, JULIAN D., US
[71] SIEMENS INDUSTRY, INC., US
[85] 2016-09-28
[86] 2015-03-30 (PCT/US2015/023262)
[87] (WO2015/153412)
[30] US (14/230,041) 2014-03-31

[21] **2,944,426**
[13] A1
[51] **Int.Cl. D21H 17/25 (2006.01) D21H 11/18 (2006.01) D21H 21/14 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SUSPENSION OF MICROFIBRILLATED CELLULOSE, MICROFIBRILLATED CELLULOSE AND ITS USE**
[54] **PROCEDE DE FABRICATION D'UNE SUSPENSION DE CELLULOSE MICROFIBRILLEE, CELLULOSE MICROFIBRILLEE ET SON UTILISATION**
[72] LILLANDT, MARCUS, FI
[72] LUNDIN, TOM, FI
[71] KEMIRA OYJ, FI
[85] 2016-09-29
[86] 2015-04-28 (PCT/FI2015/050289)
[87] (WO2015/166141)
[30] FI (20145390) 2014-04-28

[21] **2,944,437**
[13] A1
[51] **Int.Cl. A23L 19/00 (2016.01) A23L 19/10 (2016.01) A23N 15/00 (2006.01) A23B 7/005 (2006.01)**
[25] EN
[54] **BABY FOOD PUREE PROCESS AND APPLICATIONS THEREOF**
[54] **PROCEDE DE FABRICATION DE PUREE ALIMENTAIRE POUR NOURRISSON ET APPLICATIONS DE CELUI-CI**
[72] HARVEY, ROBERT, US
[72] DARLING, CHRISTOPHER, US
[71] BEECH-NUT NUTRITION CORPORATION, US
[71] HARVEY, ROBERT, US
[71] DARLING, CHRISTOPHER, US
[85] 2016-09-29
[86] 2015-03-26 (PCT/US2015/022673)
[87] (WO2015/153264)
[30] US (61/972,340) 2014-03-30

[21] **2,944,466**
[13] A1
[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/395 (2006.01) A61K 31/44 (2006.01) A61K 31/4439 (2006.01) A61K 31/47 (2006.01) A61K 31/50 (2006.01) A61P 25/00 (2006.01) C07D 213/57 (2006.01) C07D 213/64 (2006.01) C07D 213/74 (2006.01) C07D 215/14 (2006.01) C07D 237/08 (2006.01) C07D 309/18 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 413/10 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **BIARYL KINASE INHIBITORS**
[54] **INHIBITEURS BIARYLE DE KINASE**
[72] LUO, GUANGLIN, US
[72] CHEN, LING, US
[72] DZIERBA, CAROLYN DIANE, US
[72] DITTA, JONATHAN L., US
[72] MACOR, JOHN E., US
[72] BRONSON, JOANNE J., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2016-09-29
[86] 2015-04-01 (PCT/US2015/023805)
[87] (WO2015/153720)
[30] US (61/973,942) 2014-04-02
[30] US (62/061,591) 2014-10-08

[21] **2,944,475**
[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/472 (2006.01) A61K 31/4725 (2006.01) A61K 31/517 (2006.01) A61K 31/541 (2006.01) C07D 207/26 (2006.01) C07D 215/48 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 487/04 (2006.01) C07D 491/056 (2006.01) C07F 7/18 (2006.01)**
[25] EN
[54] **BICYCLIC-FUSED HETEROARYL OR ARYL COMPOUNDS**
[54] **COMPOSES HETEROARYLES OU ARYLES BICYCLIQUES CONDENSES**
[72] ANDERSON, DAVID RANDOLPH, US
[72] BUNNAGE, MARK EDWARD, US
[72] CURRAN, KEVIN JOSEPH, US
[72] DEHNHARDT, CHRISTOPH MARTIN, CA
[72] GAVRIN, LORI KRIM, US
[72] GOLDBERG, JOEL ADAM, US
[72] HAN, SEUNGIL, US
[72] HEPWORTH, DAVID, US
[72] HUANG, HORNG-CHIH, US
[72] LEE, ARTHUR, US
[72] LEE, KATHERINE LIN, US
[72] LOVERING, FRANK ELDRIDGE, US
[72] LOWE, MICHAEL DENNIS, US
[72] MATHIAS, JOHN PAUL, US
[72] PAPAIOANNOU, NIKOLAOS, US
[72] PATNY, AKSHAY, US
[72] PIERCE, BETSY SUSAN, US
[72] SAIAH, EDDINE, US
[72] STROHBACH, JOSEPH WALTER, US
[72] TRZUPEK, JOHN DAVID, US
[72] VARGAS, RICHARD, US
[72] WANG, XIAOLUN, US
[72] WRIGHT, STEPHEN WAYNE, US
[72] ZAPF, CHRISTOPH WOLFGANG, US
[71] PFIZER INC., US
[85] 2016-09-29
[86] 2015-03-26 (PCT/IB2015/052251)
[87] (WO2015/150995)
[30] US (61/975,473) 2014-04-04

[21] **2,944,490**
[13] A1
[51] **Int.Cl. F04B 47/06 (2006.01) E21B 43/12 (2006.01) F04B 53/00 (2006.01) H02K 1/17 (2006.01) H02K 41/02 (2006.01)**
[25] EN
[54] **PUMPING SYSTEM FOR A WELLBORE AND METHODS OF ASSEMBLING THE SAME**
[54] **SYSTEME DE POMPAGE POUR UN PUITS DE FORAGE ET SES PROCEDES D'ASSEMBLAGE**
[72] VAN DAM, JEREMY DANIEL, US
[72] SHAH, MANOJ RAMPRASAD, US
[72] HARAN, KIRUBA SIVASUBRAMANIAM, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-09-29
[86] 2015-03-06 (PCT/US2015/019133)
[87] (WO2015/156931)
[30] US (14/230,747) 2014-03-31

[21] **2,944,495**
[13] A1
[51] **Int.Cl. A61L 2/08 (2006.01) A61C 17/00 (2006.01) A61L 2/02 (2006.01) A61L 2/025 (2006.01) A61N 5/06 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **METHODS, DEVICES, AND SYSTEMS FOR TREATING BACTERIA WITH MECHANICAL STRESS ENERGY AND ELECTROMAGNETIC ENERGY**
[54] **PROCEDES, DISPOSITIFS, ET SYSTEMES POUR LE TRAITEMENT DE BACTERIES AVEC DE L'ENERGIE DE CONTRAINTE MECANIQUE ET DE L'ENERGIE ELECTROMAGNETIQUE**
[72] SCHAFER, MARK E., US
[72] MCNEELY, TESSIE BROWN, US
[71] PHOTOSONIX MEDICAL, INC., US
[85] 2016-09-29
[86] 2015-03-23 (PCT/US2015/021998)
[87] (WO2015/153172)
[30] US (61/975,341) 2014-04-04

[21] **2,944,531**
[13] A1
[51] **Int.Cl. B65D 47/20 (2006.01) B65D 51/22 (2006.01)**
[25] EN
[54] **VALVE RETAINING DEVICE**
[54] **DISPOSITIF DE MAINTIEN DE VANNE**
[72] BULL, MARTIN CAREY, GB
[71] OBRIST CLOSURES SWITZERLAND GMBH, CH
[85] 2016-09-30
[86] 2015-04-02 (PCT/EP2015/057352)
[87] (WO2015/150537)
[30] GB (1406129.5) 2014-04-03
[30] GB (1407398.5) 2014-04-28
[30] GB (1407399.3) 2014-04-28

[21] **2,944,532**
[13] A1
[51] **Int.Cl. F21V 33/00 (2006.01) A61G 5/06 (2006.01) A61G 5/10 (2006.01) A61G 5/12 (2006.01) F21V 23/04 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SEAT ASSEMBLY FOR A PATIENT TRANSPORT DEVICE**
[54] **ENSEMBLE DE SIEGE POUR UN DISPOSITIF DE TRANSPORT DE PATIENT**
[72] MCMANNON, BART, US
[72] SMOLAN, PETER, SK
[72] SCHROEDER, TIMOTHY PAUL, US
[71] FERNO-WASHINGTON, INC., US
[85] 2016-09-29
[86] 2015-04-08 (PCT/US2015/024898)
[87] (WO2015/157402)
[30] US (61/976,694) 2014-04-08

[21] **2,944,536**
[13] A1
[51] **Int.Cl. H02K 1/02 (2006.01) H02K 1/20 (2006.01) H02K 1/27 (2006.01) H02K 3/32 (2006.01) H02K 9/06 (2006.01)**
[25] EN
[54] **STATOR PORTION FOR AN ELECTRIC MACHINE COMPRISING AN PERMANENT MAGNET ROTOR**
[54] **PARTIE STATOR POUR MACHINE ELECTRIQUE COMPRENANT UN ROTOR A AIMANTS PERMANENTS**
[72] WEERTS, F.M.J., NL
[72] BRANDTS, WIM, NL
[71] J.H. BEHEER B.V., NL
[85] 2016-09-30
[86] 2015-04-02 (PCT/EP2015/057380)
[87] (WO2015/150545)
[30] EP (14163167.1) 2014-04-02

[21] **2,944,538**
[13] A1
[51] **Int.Cl. B65D 47/20 (2006.01) B65D 51/22 (2006.01)**
[25] EN
[54] **A CLOSURE**
[54] **FERMETURE**
[72] BULL, MARTIN CAREY, GB
[71] OBRIST CLOSURES SWITZERLAND GMBH, CH
[85] 2016-09-30
[86] 2015-04-02 (PCT/EP2015/057403)
[87] (WO2015/150558)
[30] GB (1406129.5) 2014-04-03
[30] GB (1407398.5) 2014-04-28
[30] GB (1407399.3) 2014-04-28
[30] GB (1408702.7) 2014-05-16

[21] **2,944,544**
[13] A1
[51] **Int.Cl. H02K 49/00 (2006.01) F16D 27/00 (2006.01)**
[25] EN
[54] **MAGNETIC COUPLING, COUPLING ASSEMBLY, AND METHOD**
[54] **ACCOUPLEMENT MAGNETIQUE, DISPOSITIF D'ACCOUPLEMENT, ET PROCEDE CORRESPONDANT**
[72] BACHMAIER, GEORG, DE
[72] BACHMANN, CHRISTIAN, DE
[72] GERLICH, MATTHIAS, DE
[72] GODECKE, ANDREAS, DE
[72] VITTORIAS, IASON, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-09-30
[86] 2015-03-31 (PCT/EP2015/057085)
[87] (WO2015/150411)
[30] DE (10 2014 206 284.5) 2014-04-02

[21] **2,944,552**
[13] A1
[51] **Int.Cl. H02K 41/02 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **MAGNETIC POSITION COUPLING AND VALVE MECHANISM**
[54] **MECANISME DE SOUPAPE ET DE COUPLAGE DE POSITION MAGNETIQUE**
[72] HUNTER, IAN W., US
[72] WHITFIELD, GEORGE C., US
[71] NUCLEUS SCIENTIFIC, INC., US
[85] 2016-09-29
[86] 2015-04-10 (PCT/US2015/025240)
[87] (WO2015/160638)
[30] US (61/980,191) 2014-04-16

[21] **2,944,560**
[13] A1
[51] **Int.Cl. C07D 209/48 (2006.01) A61K 31/225 (2006.01) A61K 31/4015 (2006.01) A61K 31/4035 (2006.01) A61K 31/437 (2006.01) A61P 3/00 (2006.01) A61P 9/10 (2006.01) A61P 35/00 (2006.01) C07C 69/34 (2006.01) C07C 323/59 (2006.01) C07D 207/448 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **PRODRUGS OF SUCCINIC ACID FOR INCREASING ATP PRODUCTION**
[54] **PROMEDICAMENTS D'ACIDE SUCCINIQUE POUR AUGMENTER LA PRODUCTION D'ATP**
[72] ELMER, ESKIL, SE
[72] HANSSON, MAGNUS JOAKIM, SE
[72] EHINGER, KARL HENRIK JOHANNES, SE
[72] MOSS, STEVEN, GB
[71] NEUROVIVE PHARMACEUTICAL AB, SE
[85] 2016-09-30
[86] 2015-04-08 (PCT/EP2015/057605)
[87] (WO2015/155230)
[30] DK (PA 2014 70187) 2014-04-08

[21] **2,944,591**
[13] A1
[51] **Int.Cl. H02J 1/10 (2006.01) H01M 8/2465 (2016.01) H01M 2/20 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **HIGH-VOLTAGE DIRECT CURRENT TRANSMISSION PATH**
[54] **TRAJET DE TRANSMISSION D'UN COURANT CONTINU A HAUTE TENSION**
[72] HEROLD, JOCHEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-09-30
[86] 2015-03-23 (PCT/EP2015/056101)
[87] (WO2015/150143)
[30] EP (14163396.6) 2014-04-03

[21] **2,944,611**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/53 (2006.01)**
[25] EN
[54] **ADDITION SALTS OF (S)-2-(1-(6-AMINO-5-CYANOPYRIMIDIN-4-YLAMINO)ETHYL)-4-OXO-3-PHENYL-3,4-DIHYDROPYRROLO[1,2-F][1,2,4]TRIAZINE-5-CARBONITRILE**
[54] **SELS D'ADDITION DE (S)-2-(1-(6-AMINO-5-CYANOPYRIMIDIN-4-YLAMINO)ETHYL)-4-OXO-3-PHENYL-3,4-DIHYDROPYRROLO[1,2-F][1,2,4]TRIAZINE-5-CARBONITRILE**
[72] CARRERA CARRERA, FRANCESC, ES
[72] PEREZ GARCIA, JUAN BAUTISTA, ES
[72] VIDAL JUAN, BERNAT, ES
[72] SANCHEZ IZQUIERDO, FRANCISCO, ES
[72] SERRA COMA, MARIA CARME, ES
[71] ALMIRALL, S.A., ES
[85] 2016-09-30
[86] 2015-05-21 (PCT/EP2015/061307)
[87] (WO2015/181052)
[30] EP (14382192.4) 2014-05-27
[30] EP (14382400.1) 2014-10-17
[30] EP (14382401.9) 2014-10-17

[21] **2,944,626**
[13] A1
[51] **Int.Cl. A61K 31/5513 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRROLOBENZODIAZEPINE COMPOUNDS FOR TREATING LYMPHOMA**
[54] **COMPOSES DE PYRROLOBENZODIAZEPINE DANS LE TRAITEMENT DU LYMPHOME**
[72] STELL, ANNELIESE, GB
[72] LARA, ANA, GB
[71] ADC PRODUCTS (UK) LIMITED, GB
[85] 2016-09-30
[86] 2015-05-29 (PCT/GB2015/051562)
[87] (WO2015/181559)
[30] GB (1409653.1) 2014-05-30

[21] **2,944,701**
[13] A1
[51] **Int.Cl. B01J 13/16 (2006.01)**
[25] EN
[54] **ANIONIC POLYVINYL ALCOHOL COPOLYMER AS PROTECTIVE COLLOID FOR PESTICIDAL POLYUREA MICROCAPSULES**
[54] **COPOLYMERE D'ALCOOL POLYVINYLIQUE ANIONIQUE EN TANT QUE COLLOIDE PROTECTEUR POUR DES MICROCAPSULES DE POLYUREE PESTICIDE**
[72] BURAKOWSKA-MEISE, EWELINA, DE
[72] MECFEL-MARCZEWSKI, JOANNA, DE
[72] BRATZ, MATTHIAS, DE
[72] DENUELL, WOLFGANG, DE
[72] BOWE, STEVEN, US
[72] REPAGE, RONALD, DE
[72] FRIHAUF, JOHN, US
[71] BASF SE, DE
[85] 2016-10-03
[86] 2015-04-27 (PCT/EP2015/059001)
[87] (WO2015/165834)
[30] EP (14166360.9) 2014-04-29
[30] US (62/139,819) 2015-03-30

[21] **2,944,740**
[13] A1
[51] **Int.Cl. H01H 3/60 (2006.01) H01H 71/00 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS AND DAMPENING ASSEMBLY THEREFOR**
[54] **APPAREIL COMMUTATEUR ELECTRIQUE ET SON ENSEMBLE AMORTISSEUR**
[72] KAPPLES, LAWRENCE J., US
[72] TRAX, JAMES A., US
[71] EATON CORPORATION, US
[85] 2016-10-03
[86] 2015-02-26 (PCT/US2015/017636)
[87] (WO2015/153024)
[30] US (14/244,130) 2014-04-03

[21] **2,944,763**
[13] A1
[51] **Int.Cl. C07D 417/06 (2006.01) C07D 277/64 (2006.01) C07D 405/06 (2006.01) C07D 413/06 (2006.01) C07D 421/06 (2006.01) C07D 491/16 (2006.01) C12Q 1/68 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **SMALL MOLECULAR PROBES, PROCESSES AND USE THEREOF**
[54] **PETITES SONDES MOLECULAIRES, PROCEDES ASSOCIES ET UTILISATION DE CELLES-CI**
[72] THIMMAIAH, GOVINDARAJU, IN
[72] NARAYANASWAMY, NAGARJUN, IN
[72] RAJASEKHAR, KOLLA, IN
[71] JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH, IN
[85] 2016-10-03
[86] 2015-04-03 (PCT/IB2015/052463)
[87] (WO2015/151071)
[30] IN (1819/CHE/2014) 2014-04-04

[21] **2,944,834**
[13] A1
[51] **Int.Cl. A61P 25/28 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **HUMANIZED ANTI-TAU(PS422) ANTIBODY BRAIN SHUTTLES AND USE THEREOF**
[54] **NAVETTES CEREBRALES A ANTICORPS ANTI-TAU(PS422) HUMANISES ET UTILISATION**
[72] BADER, MARTIN, DE
[72] GOEPFERT, ULRICH, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-04
[86] 2015-06-25 (PCT/EP2015/064321)
[87] (WO2015/197735)
[30] EP (14174042.3) 2014-06-26

[21] **2,944,874**
[13] A1
[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **HIGH BAND EXCITATION SIGNAL GENERATION**
[54] **GENERATION DE SIGNAL D'EXCITATION DE BANDE HAUTE**
[72] RAMADAS, PRAVIN KUMAR, US
[72] SINDER, DANIEL J., US
[72] VILLETTE, STEPHANE PIERRE, US
[72] RAJENDRAN, VIVEK, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-04
[86] 2015-03-31 (PCT/US2015/023483)
[87] (WO2015/167732)
[30] US (14/265,693) 2014-04-30

[21] **2,944,877**
[13] A1
[51] **Int.Cl. B28B 17/04 (2006.01) C04B 28/14 (2006.01) C04B 41/49 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR WATER-RESISTANT GYPSUM FIBER PRODUCTS**
[54] **COMPOSITIONS ET PROCEDES POUR PRODUITS FIBREUX DE GYPSE RESISTANT A L'EAU**
[72] BLACKBURN, DAVID R., US
[72] XU, YUFENG, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-10-04
[86] 2015-04-02 (PCT/US2015/023990)
[87] (WO2015/157076)
[30] US (61/977,885) 2014-04-10
[30] US (14/604,960) 2015-01-26

[21] **2,944,901**
[13] A1
[51] **Int.Cl. H04W 8/18 (2009.01) H04W 8/22 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SETTING USER PREFERENCES OR DEVICE CONFIGURATION**
[54] **PROCEDE ET APPAREIL DE REGLAGE DE PREFERENCES UTILISATEUR OU DE CONFIGURATION DE DISPOSITIF**
[72] SPENCER, BRIAN J., US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-04
[86] 2015-04-14 (PCT/US2015/025786)
[87] (WO2015/167797)
[30] US (61/987,816) 2014-05-02
[30] US (14/685,059) 2015-04-13

[21] **2,944,958**
[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) H01L 33/62 (2010.01) B22F 1/02 (2006.01) B22F 3/10 (2006.01) B81B 7/02 (2006.01) H01L 51/52 (2006.01)**
[25] EN
[54] **LOW PRESSURE SINTERING POWDER**
[54] **POUDRE DE FRITTAGE A BASSE PRESSION**
[72] GHOSHAL, SHAMIK, US
[72] CHAKI, NIRMALYA KUMAR, US
[72] ROY, POULAMI SENGUPTA, US
[72] SARKAR, SIULI, US
[72] RUSTOGI, ANUBHAV, US
[71] ALPHA METALS, INC., US
[85] 2016-10-05
[86] 2015-04-10 (PCT/GB2015/051096)
[87] (WO2015/155542)
[30] IN (1023/DEL/2014) 2014-04-11

[21] **2,944,964**
[13] A1
[51] **Int.Cl. B29C 65/00 (2006.01) F16B 5/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING FIBER REINFORCED COMPOSITE STRUCTURES**
[54] **APPAREIL ET PROCEDE DE FORMATION DE STRUCTURES COMPOSITES RENFORCEES DE FIBRES**
[72] WILSON, ROBERT SAMUEL, GB
[72] WALSH, ORAN, GB
[71] SHORT BROTHERS PLC, IE
[85] 2016-10-05
[86] 2015-04-14 (PCT/GB2015/051125)
[87] (WO2015/159062)
[30] US (61/962,312) 2014-04-14

[21] **2,944,966**
[13] A1
[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 9/08 (2006.01) A61K 47/16 (2006.01) A61K 47/20 (2006.01) A61K 47/22 (2006.01) A61P 35/00 (2006.01) C07H 19/10 (2006.01)**
[25] EN
[54] **FORMULATION COMPRISING A GEMCITABINE-PRODRUG**
[54] **FORMULATION COMPRENANT UN PROMEDICAMENT DE GEMCITABINE**
[72] GRIFFITH, HUGH, GB
[72] KENNOVIN, GORDON, GB
[71] NUCANA BIOMED LIMITED, GB
[85] 2016-10-05
[86] 2015-06-25 (PCT/GB2015/051858)
[87] (WO2015/198059)
[30] GB (1411253.6) 2014-06-25
[30] IN (2050/MUM/2014) 2014-06-25
[30] GB (1417646.5) 2014-10-06

[21] **2,944,989**
[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **FELINIZED ANTIBODIES AND METHODS OF TREATING RETROVIRAL INFECTIONS IN FELINES**
[54] **ANTICORPS FELINISES ET METHODES DE TRAITEMENT D'INFECTIONS RETROVIRALES CHEZ LES FELINS**
[72] TRAUGER, RICHARD, US
[71] CYTODYN INC., US
[85] 2016-10-05
[86] 2014-04-08 (PCT/US2014/033300)
[87] (WO2014/168933)
[30] US (61/809,773) 2013-04-08

[21] **2,945,049**
[13] A1
[51] **Int.Cl. A61K 38/39 (2006.01) A61K 31/737 (2006.01) A61K 36/82 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **COMPOSITION FOR ARTHRITIS, MOBILITY AND DELAY AGEING**
[54] **COMPOSITION PERMETTANT LA TRAITEMENT DE L'ARTHRITE ET DES TROUBLES DE MOBILITE ET LE RETARD DU VIEILLISSEMENT**
[72] SERISIER, SAMUEL, FR
[71] MARS, INCORPORATED, US
[85] 2016-10-05
[86] 2015-05-21 (PCT/EP2015/061327)
[87] (WO2015/177309)
[30] EP (14305772.7) 2014-05-23
[30] GB (1414910.8) 2014-08-21

[21] **2,945,068**
[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/4196 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS OF TREATING PR-POSITIVE, LUMINAL A BREAST CANCER WITH PI3K INHIBITOR, PICTILISIB**
[54] **PROCEDES POUR TRAITER LE CANCER DU SEIN LUMINAL A PR-POSITIF, AVEC UN INHIBITEUR DE PI3K, PICTILISIB**
[72] DERYNCK, MIKA K., US
[72] FRIEDMAN, LORI, US
[72] GENDREAU, STEVEN BRIAN, US
[72] MILAN, SANDRA, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-06
[86] 2015-05-20 (PCT/EP2015/061051)
[87] (WO2015/177184)
[30] US (62/001,205) 2014-05-21

[21] **2,945,077**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **NOVEL PYRAZOLO PYRIMIDINE DERIVATIVES AND THEIR USE AS MALT1 INHIBITORS**
[54] **NOUVEAUX DERIVES PYRAZOLO-PYRIMIDINE ET LEUR UTILISATION COMME INHIBITEURS DE MALT1**
[72] PISSOT SOLDERMANN, CAROLE, CH
[72] QUANCARD, JEAN, CH
[72] SCHLAPBACH, ACHIM, CH
[72] SIMIC, OLIVER, CH
[72] TINTELNOT-BLOMLEY, MARINA, CH
[72] ZOLLER, THOMAS, CH
[71] NOVARTIS AG, CH
[85] 2016-10-06
[86] 2015-05-27 (PCT/IB2015/053975)
[87] (WO2015/181747)
[30] EP (14170408.0) 2014-05-28

[21] **2,945,142**
[13] A1
[51] **Int.Cl. C23C 16/513 (2006.01) B22F 1/00 (2006.01) C08J 7/12 (2006.01) H05H 1/42 (2006.01)**
[25] EN
[54] **SURFACE ENERGY MODIFIED PARTICLES, METHOD OF MAKING, AND USE THEREOF**
[54] **PARTICULES MODIFIEES PAR ENERGIE DE SURFACE, PROCEDE DE FABRICATION ET LEUR UTILISATION**
[72] THIERRY, ROLF, DE
[72] THIERRY, FRANK, US
[72] OSENGA, GEORGE, US
[71] POWDER TREATMENT TECHNOLOGY LLC, US
[85] 2016-10-06
[86] 2015-04-07 (PCT/US2015/024602)
[87] (WO2015/157204)
[30] US (61/976,100) 2014-04-07

[21] **2,945,159**
[13] A1
[51] **Int.Cl. C09K 11/06 (2006.01)**
[25] EN
[54] **COMPOSITE POLYDOTS AND APPLICATIONS THEREOF**
[54] **PARTICULES COMPOSITES ET LEURS APPLICATIONS**
[72] LEVI, NICOLE HOPE, US
[72] MACNEILL, CHRISTOPHER MICHAEL, US
[72] GRAHAM, ELIZABETH GRACE, US
[72] ARGENTA, LOUIS CHARLES, US
[71] WAKE FOREST UNIVERSITY, US
[85] 2016-10-06
[86] 2015-04-10 (PCT/US2015/025398)
[87] (WO2015/157688)
[30] US (61/978,139) 2014-04-10

[21] **2,945,181**
[13] A1
[51] **Int.Cl. C07C 217/66 (2006.01) C07C 233/16 (2006.01) C07D 489/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICALLY ACTIVE DIMERS LINKED THROUGH PHENOLIC HYDROXYL GROUPS**
[54] **DIMERES PHARMACEUTIQUEMENT ACTIFS LIES PAR L'INTERMEDIAIRE DES GROUPES HYDROXYLE PHENOLIQUES**
[72] SINGH, NIKHILESH, US
[71] ORPHOMED, INC., US
[85] 2016-10-06
[86] 2015-04-27 (PCT/US2015/027781)
[87] (WO2015/168014)
[30] US (61/985,207) 2014-04-28
[30] US (62/101,768) 2015-01-09
[30] US (62/176,883) 2015-01-09

[21] **2,945,188**
[13] A1
[51] **Int.Cl. A61K 38/28 (2006.01) A61K 31/192 (2006.01) A61K 47/02 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **RAPID-ACTING INSULIN COMPOSITIONS**
[54] **COMPOSITIONS D'INSULINE A ACTION RAPIDE**
[72] CHRISTE, MICHAEL EDWARD, US
[72] HARDY, THOMAS ANDREW, US
[71] ELI LILLY AND COMPANY, US
[85] 2016-10-06
[86] 2015-05-04 (PCT/US2015/029010)
[87] (WO2015/171484)
[30] US (61/990,402) 2014-05-08

[21] **2,945,195**
[13] A1
[51] **Int.Cl. A21D 8/04 (2006.01) A21D 2/26 (2006.01) A21D 15/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREPARING A BAKED PRODUCT**
[54] **PROCEDES ET COMPOSITIONS POUR LA PREPARATION D'UN PRODUIT CUIT**
[72] BELLIDO, GUILLERMO, DK
[72] GAZZOLA, GIANLUCA, IT
[71] NOVOZYMES A/S, DK
[85] 2016-10-07
[86] 2015-04-20 (PCT/EP2015/058504)
[87] (WO2015/162087)
[30] EP (14165380.8) 2014-04-22

[21] **2,945,198**
[13] A1
[51] **Int.Cl. C12P 19/40 (2006.01) C07H 19/173 (2006.01)**
[25] EN
[54] **METHOD FOR THE SYNTHESIS OF CLOFARABINE**
[54] **PROCEDE DE SYNTHESE DE CLOFARABINE**
[72] ZABUDKIN, ALEXANDER, UA
[72] MATVIENKO, VICTOR, UA
[72] MATVIIENKO, IAROSLAV, UA
[72] SYPCHENKO, VOLODYMYR, UA
[71] SYNBIAS PHARMA AG, CH
[85] 2016-10-07
[86] 2015-04-22 (PCT/EP2015/058713)
[87] (WO2015/162175)
[30] EP (14165627.2) 2014-04-23

[21] **2,945,204**
[13] A1
[51] **Int.Cl. F16C 32/04 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **ELONGATED PERMANENT RING MAGNET WITH A PLURALITY OF AXIALLY DIRECTED MAGNETIZED ZONES AND MAGNETIC BEARING WITH SUCH A RING MAGNET**
[54] **AIMANT PERMANENT ANNULAIRE ALLONGE COMPORTANT UNE PLURALITE DE ZONES MAGNETISEES ORIENTEES AXIALEMENT ET PALIER MAGNETIQUE COMPRENANT UN TEL AIMANT ANNULAIRE**
[72] WAYE, ANDREW, GB
[72] BREWSTER, BARRIE DUDLEY, GB
[71] EDWARDS LIMITED, GB
[85] 2016-10-07
[86] 2015-05-05 (PCT/GB2015/051309)
[87] (WO2015/177504)
[30] GB (1408899.1) 2014-05-20

[21] **2,945,205**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01)**
[25] EN
[54] **CRYSTAL FORMS**
[54] **FORMES CRISTALLINES**
[72] CALIFANO, JEAN-CHRISTOPHE, US
[72] FICKES, MICHAEL G., US
[72] NORDSTROEM, LARS FREDRIK, US
[71] ABBVIE INC., US
[85] 2016-10-06
[86] 2015-05-08 (PCT/US2015/029842)
[87] (WO2015/171993)
[30] US (61/991,242) 2014-05-09

[21] **2,945,217**
[13] A1
[51] **Int.Cl. C07D 239/96 (2006.01) A61K 31/517 (2006.01) A61P 25/00 (2006.01) C07D 491/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **PHARMACOLOGICALLY ACTIVE QUINAZOLINEDIONE DERIVATIVES**
[54] **DERIVES DE QUINAZOLINEDIONE PHARMACOLOGIQUEMENT ACTIFS**
[72] PRUSIS, PETERIS, FI
[72] TORMAKANGAS, OLLI, FI
[72] HIETANEN, ARI, FI
[72] ARVELA, RIINA, FI
[72] VESALAINEN, ANNIINA, FI
[72] HEIKKINEN, TERHI, FI
[72] HOGLUND, IISA, FI
[71] ORION CORPORATION, FI
[85] 2016-10-07
[86] 2015-05-08 (PCT/FI2015/000020)
[87] (WO2015/169999)
[30] FI (20140133) 2014-05-09

[21] **2,945,231**
[13] A1
[51] **Int.Cl. C08G 77/38 (2006.01) B05D 5/08 (2006.01) C08L 83/04 (2006.01) C10M 107/50 (2006.01)**
[25] EN
[54] **NEW MODIFIED SILICON OIL FOR WAX-FREE DIE CASTING LUBRICANTS**
[54] **NOUVELLE HUILE DE SILICONE MODIFIEE POUR LUBRIFIANTS DE COULEE SOUS PRESSION SANS CIRE**
[72] KOK, DOUWE-MARTEN, NL
[72] SLAGT, MARTIJN QUICO, NL
[72] ODINK, GERRIT JAN, NL
[72] BRAAM, JOHANNES HENDRIKUS GERHARDUS FRANCISCUS, NL
[71] HENKEL AG & CO. KGAA, DE
[85] 2016-10-07
[86] 2015-04-02 (PCT/EP2015/057364)
[87] (WO2015/155127)
[30] GB (1406234.3) 2014-04-07

[21] **2,945,235**
[13] A1
[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/26 (2006.01) B05B 1/30 (2006.01) B05B 15/02 (2006.01)**
[25] EN
[54] **A SHOWER HEAD ASSEMBLY**
[54] **ENSEMBLE POMME DE DOUCHE**
[72] ALLEN, CHRISTIE, GB
[72] CLARKE, JAMES, GB
[71] MULTISHOWER GB LIMITED, GB
[85] 2016-10-07
[86] 2015-04-09 (PCT/EP2015/057695)
[87] (WO2015/155278)
[30] GB (1406475.2) 2014-04-10

[21] **2,945,243**
[13] A1
[51] **Int.Cl. C09K 21/14 (2006.01)**
[25] EN
[54] **FIREPROOFING SEALING MASS AND USE THEREOF**
[54] **MATIERE D'ETANCHEITE IGNIFUGEANTE ET SON UTILISATION**
[72] SIMON, SEBASTIAN, DE
[72] WOLFLE, INGRID, DE
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-10-07
[86] 2015-04-13 (PCT/EP2015/057945)
[87] (WO2015/158651)
[30] EP (14164839.4) 2014-04-16

[21] **2,945,246**
[13] A1
[51] **Int.Cl. B29C 33/06 (2006.01)**
[25] FR
[54] **DEVICE FOR HEATING A MOLD**
[54] **DISPOSITIF POUR LE CHAUFFAGE D'UN MOULE**
[72] FEIGENBLUM, JOSE, FR
[72] FRITSCH, JULIEN, FR
[71] ROCTOOL, FR
[85] 2016-10-07
[86] 2015-04-13 (PCT/EP2015/057993)
[87] (WO2015/155369)
[30] FR (1453285) 2014-04-11

[21] **2,945,260**
[13] A1
[51] **Int.Cl. B32B 3/22 (2006.01) B32B 3/04 (2006.01) F16B 11/00 (2006.01)**
[25] EN
[54] **STEPPED INTERMEDIATE LAYER (LAMINATED TOLERANCE COMPENSATION SHEET)**
[54] **COUCHE INTERMEDIAIRE EN GRADIN (FEUILLE DE COMPENSATION DE TOLERANCE POUR STRATIFIES)**
[72] MARTIN, CHRISTOPH, DE
[71] GEORG MARTIN GMBH, DE
[85] 2016-10-07
[86] 2015-04-15 (PCT/EP2015/058127)
[87] (WO2015/158751)
[30] DE (20 2014 003 326.9) 2014-04-17

[21] **2,945,283**
[13] A1
[51] **Int.Cl. G02B 5/08 (2006.01) G02B 1/14 (2015.01) B32B 17/10 (2006.01) B32B 17/12 (2006.01) G02F 1/15 (2006.01)**
[25] EN
[54] **VEHICLE MIRROR, AND METHOD FOR MANUFACTURING SUCH A MIRROR**
[54] **MIROIR DE VEHICULE ET SON PROCEDE DE FABRICATION**
[72] WIERSEMA, JACOB, NL
[71] AVIATION GLASS & TECHNOLOGY HOLDING B.V., NL
[85] 2016-10-07
[86] 2015-04-13 (PCT/NL2015/050239)
[87] (WO2015/156676)
[30] NL (2012607) 2014-04-11

[21] **2,945,321**
[13] A1
[51] **Int.Cl. C09D 7/04 (2006.01) B32B 5/16 (2006.01) B32B 11/02 (2006.01) C09C 3/12 (2006.01) C09K 3/22 (2006.01)**
[25] EN
[54] **ADHESION PROMOTING AND/OR DUST SUPPRESSION COATING**
[54] **REVETEMENT PROMOTEUR D'ADHERENCE ET/OU DE SUPPRESSION DE POUSSIERE**
[72] ALI, MAHFUZA B., US
[72] CLEAR, SUSANNAH C., US
[72] HOBBS, TERRY R., US
[72] JACOBS, JEFFRY L., US
[72] LEE, HAE-SEUNG, US
[72] MORRIS, MARY LOU, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-10-07
[86] 2015-04-10 (PCT/US2015/025262)
[87] (WO2015/157612)
[30] US (61/977,970) 2014-04-10

[21] **2,945,322**
[13] A1
[51] **Int.Cl. C09D 7/04 (2006.01) B32B 5/16 (2006.01) B32B 11/02 (2006.01) C09C 3/10 (2006.01) C09D 133/00 (2006.01) C09K 3/22 (2006.01)**
[25] EN
[54] **ADHESION PROMOTING AND/OR DUST SUPPRESSION COATING**
[54] **REVETEMENT DE PROMOTION D'ADHERENCE ET/OU DE SUPPRESSION DE POUSSIERE**
[72] ALI, MAHFUZA B., US
[72] CLEAR, SUSANNAH C., US
[72] HOBBS, TERRY R., US
[72] JACOBS, JEFFRY L., US
[72] LEE, HAE-SEUNG, US
[72] MORRIS, MARY LOU, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-10-07
[86] 2015-04-10 (PCT/US2015/025268)
[87] (WO2015/157615)
[30] US (61/977,970) 2014-04-10

[21] **2,945,353**
[13] A1
[51] **Int.Cl. B32B 7/10 (2006.01) B08B 9/08 (2006.01) B32B 7/12 (2006.01) B32B 27/40 (2006.01) B32B 38/10 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR REMOVABLE LABELS**
[54] **COMPOSITIONS POUR ETIQUETTES AMOVIBLES**
[72] WIEGERS, RONALD, NL
[72] VAN NOORT, JOS, NL
[71] AVERY DENNISON CORPORATION, US
[85] 2016-10-07
[86] 2015-04-07 (PCT/US2015/024601)
[87] (WO2015/157203)
[30] US (61/975,986) 2014-04-07

[21] **2,945,368**
[13] A1
[51] **Int.Cl. A61F 13/512 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES HAVING ZONES**
[54] **ARTICLES ABSORBANTS COMPORTANT DES ZONES**
[72] ARIZTI, BLANCA, DE
[72] ROSATI, RODRIGO, DE
[72] ROE, DONALD CARROLL, US
[72] ARORA, KELYN ANNE, US
[72] BICKING, AMANDA MARGARET, US
[72] GRENIER, ADRIEN, DE
[72] KNAPMEYER, JAMES T., US
[72] MULLANE, TIMOTHY IAN, US
[72] ORR, JILL MARLENE, US
[72] RITTER, MATTHEW S., US
[72] RODIC, JENNIFER, US
[72] STRUBE, JOHN B., US
[72] TAPP, ANN CECILIA, US
[72] WALTHER, RACHAEL EDEN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-10-07
[86] 2015-04-07 (PCT/US2015/024666)
[87] (WO2015/157248)
[30] US (61/976,674) 2014-04-08
[30] US (62/132,736) 2015-03-13
[30] US (62/132,770) 2015-03-13

[21] **2,945,388**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/0783 (2010.01) A61P 35/00 (2006.01) C07K 14/725 (2006.01) C07K 16/10 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS (CAR) FOR USE IN THERAPY AND METHODS FOR MAKING THE SAME**
[54] **RECEPTEURS D'ANTIGENES CHIMERES (CAR) UTILISES DANS UN TRAITEMENT ET METHODES DE FABRICATION ASSOCIEES**
[72] COOPER, LAURENCE J.N., US
[72] CARUSO, HILLARY GIBBONS, US
[72] OLIVARES, SIMON, US
[72] ANG, SONNY, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-10-07
[86] 2015-04-23 (PCT/US2015/027277)
[87] (WO2015/164594)
[30] US (61/983,103) 2014-04-23
[30] US (61/983,298) 2014-04-23

[21] **2,945,392**
[13] A1
[51] **Int.Cl. A47L 5/36 (2006.01) A47L 9/12 (2006.01) A47L 9/16 (2006.01) A47L 9/22 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACE**
[72] THORNE, JASON, US
[72] HUTCHINSON, PETER, CN
[71] SHARKNINJA OPERATING LLC, US
[85] 2016-10-07
[86] 2015-04-07 (PCT/US2015/024782)
[87] (WO2015/157336)
[30] US (14/247,911) 2014-04-08

[21] **2,945,393**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12N 5/0789 (2010.01) C12N 5/10 (2006.01) C12N 9/22 (2006.01) C12N 15/00 (2006.01) C12N 15/55 (2006.01) C12N 15/86 (2006.01) C12Q 1/00 (2006.01) C40B 40/02 (2006.01)**
[25] EN
[54] **APPLICATION OF INDUCED PLURIPOTENT STEM CELLS TO GENERATE ADOPTIVE CELL THERAPY PRODUCTS**
[54] **APPLICATION DE CELLULES SOUCHES PLURIPOTENTES INDUITES POUR GENERER DES PRODUITS DE THERAPIE CELLULAIRE ADOPTIVE**
[72] COOPER, LAURENCE J.N., US
[72] TORIKAI, HIROKI, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-10-07
[86] 2015-04-24 (PCT/US2015/027511)
[87] (WO2015/164740)
[30] US (61/983,722) 2014-04-24

[21] **2,945,403**
[13] A1
[51] **Int.Cl. B42D 25/328 (2014.01) B41F 7/00 (2006.01) B41M 3/14 (2006.01) G02B 5/02 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **SECURITY ELEMENT AND METHOD FOR PRODUCING A SECURITY ELEMENT HAVING LIGHT-SCATTERING STRUCTURES**
[54] **ELEMENT DE SECURITE ET PROCEDE DE FABRICATION D'UN ELEMENT DE SECURITE MUNI DE STRUCTURES DISPERSANT LA LUMIERE**
[72] TRASSL, STEFAN, AT
[72] SCHMIDEGG, KLAUS, AT
[72] BELEGRATIS, MARIA, AT
[72] SCHMIDT, VOLKER, AT
[72] STEINDORFER, MICHAEL, AT
[72] STADLOBER, BARBARA, AT
[71] HUECK FOLIEN GES.M.B.H., AT
[71] JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBH, AT
[85] 2016-10-11
[86] 2015-05-11 (PCT/EP2015/000970)
[87] (WO2015/188908)
[30] AT (A 454/2014) 2014-06-10

[21] **2,945,408**
[13] A1
[51] **Int.Cl. A61K 8/04 (2006.01) A61K 8/02 (2006.01)**
[25] EN
[54] **METHODS OF FORMING AN AQUEOUS TREATMENT LIQUOR**
[54] **PROCEDES DE FORMATION D'UNE LIQUEUR DE TRAITEMENT AQUEUSE**
[72] LYNCH, MATTHEW LAWRENCE, US
[72] GLENN, ROBERT WAYNE, JR., US
[72] WILLMAN, JOANNE ROBERTA, US
[72] KUTAY, BENJAMIN JOHN, US
[72] SAWIN, PHILIP ANDREW, US
[72] HAMERSKY, MARK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-10-07
[86] 2015-05-05 (PCT/US2015/029127)
[87] (WO2015/171534)
[30] US (61/988,640) 2014-05-05

[21] **2,945,409**
[13] A1
[51] **Int.Cl. B01J 29/035 (2006.01) B01J 37/02 (2006.01)**
[25] EN
[54] **A GENERAL METHOD TO INCORPORATE METAL NANOPARTICLES IN ZEOLITES AND ZEOTYPES**
[54] **PROCEDE GENERAL D'INCORPORATION DE NANOPARTICULES DE METAL DANS DES ZEOLITES ET DES ZEOTYPES**
[72] KEGNÆS, SOREN, SE
[72] MIELBY, JERRIK JORGEN, DK
[72] ABILDSTROM, JACOB OSKAR, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2016-10-11
[86] 2015-04-08 (PCT/EP2015/057585)
[87] (WO2015/155216)
[30] EP (14164188.6) 2014-04-10

[21] **2,945,414**
[13] A1
[51] **Int.Cl. G01N 33/566 (2006.01)**
[25] EN
[54] **METHOD OF ISOLATING A TARGET CELL**
[54] **PROCEDE D'ISOLATION D'UNE CELLULE CIBLE**
[72] CARL, UWE D., DE
[71] IBA GMBH, DE
[85] 2016-10-11
[86] 2015-04-30 (PCT/EP2015/059510)
[87] (WO2015/166049)
[30] EP (14166718.8) 2014-04-30

[21] **2,945,515**
[13] A1
[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/95 (2013.01) A61M 27/00 (2006.01)**
[25] EN
[54] **URETERAL STENTS**
[54] **ENDOPROTHESES URETERALES**
[72] WAN, BEATRICE, US
[72] ORR, ROBERT H., III, US
[72] REINEKE, RICHARD, US
[72] WALTHALL, JILL, US
[72] LOY, MITCH, US
[71] C.R. BARD, INC., US
[85] 2016-10-11
[86] 2015-04-08 (PCT/US2015/025003)
[87] (WO2015/157467)
[30] US (61/977,990) 2014-04-10

[21] **2,945,532**
[13] A1
[51] **Int.Cl. B01F 15/02 (2006.01) B01F 3/12 (2006.01) B01F 5/04 (2006.01) B28C 5/06 (2006.01)**
[25] EN
[54] **EDUCTOR BASED MIXER FOR MIXING STUCCO AND WATER**
[54] **MELANGEUR A BASE D'EJECTEUR POUR MELANGER STUC ET EAU**
[72] RAY, SUMAN SINHA, US
[72] STOCCO, LOUIS P., US
[72] NATESAIYER, KUMAR C., US
[72] SCHENCK, RONALD E., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-10-11
[86] 2015-04-10 (PCT/US2015/025274)
[87] (WO2015/160646)
[30] US (61/981,324) 2014-04-18
[30] US (14/670,228) 2015-03-26

[21] **2,945,546**
[13] A1
[51] **Int.Cl. A45C 11/24 (2006.01) A45C 1/06 (2006.01) A45C 11/18 (2006.01) H05K 9/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **DEVICE FOR PREVENTING DATA THEFT, USE OF FALSE IDENTITY, AND FRAUD DURING CONTACTLESS DATA TRANSMISSION VIA ELECTROMAGNETIC RADIO WAVES**
[54] **DISPOSITIF DE PROTECTION CONTRE LE VOL DE DONNEES,L'USURPATION D'IDENTITE ET LES PAIEMENT FRAUDULEUX, LORS DE TRANSMISSION DE DONNEES SANS CONTACT, VIA DES ONDES RADIO ELECTROMAGNETIQUES**
[72] FEUSI, MARCO, CH
[71] FEUSI, MARCO, CH
[85] 2016-10-12
[86] 2015-04-13 (PCT/EP2015/057942)
[87] (WO2015/158650)
[30] CH (00576/14) 2014-04-14

[21] **2,945,550**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **SINGLE-SERVE CAPSULE AND METHOD FOR PREPARING A BEVERAGE USING A SINGLE-SERVE CAPSULE**
[54] **CAPSULE PORTION ET PROCEDE DE PREPARATION D'UNE BOISSON AU MOYEN D'UNE CAPSULE PORTION**
[72] EMPL, GUNTER, DE
[72] KRUGER, MARC, DE
[71] K-FEE SYSTEM GMBH, DE
[85] 2016-10-12
[86] 2015-04-16 (PCT/EP2015/058289)
[87] (WO2015/158838)
[30] DE (10 2014 105 486.5) 2014-04-17

[21] **2,945,561**
[13] A1
[51] **Int.Cl. C01F 11/18 (2006.01)**
[25] EN
[54] **PRODUCTION OF PRECIPITATED CALCIUM CARBONATE**
[54] **PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE**
[72] MAURER, MARC, FR
[72] JACQUEMET, CHRISTIAN, FR
[72] SKRZYPCZAK, MATHIEU, US
[71] OMYA INTERNATIONAL AG, CH
[71] COATEX, FR
[85] 2016-10-12
[86] 2015-04-30 (PCT/EP2015/059605)
[87] (WO2015/166090)
[30] EP (14166751.9) 2014-04-30
[30] US (62/090,466) 2014-12-11

[21] **2,945,568**
[13] A1
[51] **Int.Cl. B26D 7/01 (2006.01) A23P 30/00 (2016.01) B26D 7/06 (2006.01) A23L 5/00 (2016.01)**
[25] EN
[54] **GRIPPER COMPRISING AN ULTRASONIC SENSOR**
[54] **DISPOSITIF DE PREHENSION EQUIPE D'UN CAPTEUR A ULTRASONS**
[72] FISCHL, BERND, DE
[71] GEA FOOD SOLUTIONS GERMANY GMBH, DE
[85] 2016-10-12
[86] 2015-05-05 (PCT/EP2015/059810)
[87] (WO2015/169788)
[30] DE (10 2014 208 670.1) 2014-05-08

[21] **2,945,570**
[13] A1
[51] **Int.Cl. G05B 17/02 (2006.01)**
[25] EN
[54] **ASSEMBLY TOOL PRODUCTION**
[54] **PRODUCTION D'OUTIL D'ASSEMBLAGE**
[72] BICKERSTAFF, JOHN, GB
[72] COOKSON, ANDREW PETER, GB
[71] BAE SYSTEMS PLC, GB
[85] 2016-10-12
[86] 2015-04-10 (PCT/GB2015/051091)
[87] (WO2015/162401)
[30] GB (1407185.6) 2014-04-24
[30] EP (14275090.0) 2014-04-24

[21] **2,945,575**
[13] A1
[51] **Int.Cl. B01J 39/12 (2006.01)**
[25] EN
[54] **ION EXCHANGE PROCESS**
[54] **PROCEDE D'ECHANGE D'IONS**
[72] BEWSEY, JOHN ARTHUR, ZA
[71] TRAILBLAZER TECHNOLOGIES (PTY) LTD, ZA
[85] 2016-10-12
[86] 2015-04-15 (PCT/IB2015/052744)
[87] (WO2015/159232)
[30] ZA (2014/02757) 2014-04-15

[21] **2,945,613**
[13] A1
[51] **Int.Cl. B65D 41/62 (2006.01)**
[25] EN
[54] **CLOSURE CAP FOR A SUBSTANTIALLY CYLINDRICAL VESSEL**
[54] **CAPSULE DE FERMETURE DESTINEE A UN RECIPIENT SENSIBLEMENT CYLINDRIQUE**
[72] UNGER, MICHAEL, DE
[72] UNGER, WOLFGANG, DE
[71] MORLO GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2016-10-13
[86] 2015-04-15 (PCT/DE2015/100157)
[87] (WO2015/158331)
[30] DE (10 2014 105 403.2) 2014-04-15

[21] **2,945,629**
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01) B01L 3/00 (2006.01) C12M 1/12 (2006.01) C12M 1/36 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **METHODS AND MEANS FOR ENHANCING RNA PRODUCTION**
[54] **PROCEDES ET MOYEN D'AMELIORATION DE LA PRODUCTION D'ARN**
[72] WOCHNER, ANIELA, DE
[72] ROOS, TILMANN, DE
[72] KETTERER, THOMAS, DE
[71] CUREVAC AG, DE
[85] 2016-10-13
[86] 2015-06-10 (PCT/EP2015/001164)
[87] (WO2015/188933)
[30] EP (PCT/EP2014/001577) 2014-06-10

[21] **2,945,631**
[13] A1
[51] **Int.Cl. A61K 31/716 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS BASED ON XYLOGLUCAN AND PROTEINS FOR THE TREATMENT OF INTESTINAL DISORDERS**
[54] **COMPOSITIONS A BASE DE XYLOGLUCANE ET DE PROTEINES DANS LE TRAITEMENT DE TROUBLES INTESTINAUX**
[72] ALONSO COHEN, MIGUEL ANGEL, ES
[72] DI SCHIENA, MICHELE GIUSEPPE, IT
[72] DI FULVIO, MARCO, CH
[71] NOVINTETHICAL PHARMA SA, CH
[85] 2016-10-13
[86] 2015-04-15 (PCT/EP2015/058162)
[87] (WO2015/158771)
[30] IT (MI2014A000705) 2014-04-15

[21] **2,945,648**
[13] A1
[51] **Int.Cl. B22F 3/15 (2006.01) B02C 4/30 (2006.01) B02C 13/28 (2006.01) B22F 7/08 (2006.01)**
[25] EN
[54] **A WEAR RESISTANT COMPONENT AND A DEVICE FOR MECHANICAL DECOMPOSITION OF MATERIAL PROVIDED WITH SUCH A COMPONENT**
[54] **ELEMENT RESISTANT A L'USURE ET DISPOSITIF POUR LA DECOMPOSITION MECANIQUE DE MATIERE DOTEE D'UN TEL ELEMENT**
[72] BERGLUND, TOMAS, SE
[72] FISCHER, UDO, DE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2016-10-13
[86] 2015-04-29 (PCT/EP2015/059286)
[87] (WO2015/165934)
[30] EP (14166690.9) 2014-04-30

[21] **2,945,651**
[13] A1
[51] **Int.Cl. A23G 9/28 (2006.01) A23P 30/00 (2016.01) A23G 9/04 (2006.01) A23G 9/20 (2006.01) A23G 9/32 (2006.01) B65D 85/78 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **SYSTEM FOR PREPARING CHILLED OR FROZEN PRODUCTS**
[54] **SYSTEME POUR PREPARER DES PRODUITS REFRIGERES OU CONGELES**
[72] NOTH, ANDRE, CH
[72] AGON, FABIEN LUDOVIC, CH
[72] CHEVET-DOUELLE, FANNY, CH
[72] STOFFERS, NIELS, CH
[72] POTIGNON, JEAN-FRANCOIS, CH
[72] AICHINGER, PIERRE-ANTON, CH
[72] DELAS, ALEXIA, FR
[71] NESTEC S.A., CH
[85] 2016-10-13
[86] 2015-05-06 (PCT/EP2015/059930)
[87] (WO2015/169841)
[30] EP (14167344.2) 2014-05-07

[21] **2,945,655**
[13] A1
[51] **Int.Cl. C09D 167/06 (2006.01) B33Y 70/00 (2015.01) C09D 5/03 (2006.01)**
[25] EN
[54] **2K THERMOSETTING POWDER COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT EN POUDRE THERMODURCISSABLE BICOMPOSANT**
[72] BONGAERTS, JOHANNES GERTRUDIS CHRISTIANUS, NL
[72] WELLENBERG, PETRUS HENRICUS MARINUS, NL
[72] JANSEN, JOHAN FRANZ GRADUS ANTONIUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2016-10-13
[86] 2015-04-08 (PCT/EP2015/057587)
[87] (WO2015/158587)
[30] EP (14164940.0) 2014-04-16

[21] **2,945,708**
[13] A1
[51] **Int.Cl. B01D 33/23 (2006.01) B01D 29/07 (2006.01) B01D 29/41 (2006.01) B01D 33/21 (2006.01)**
[25] EN
[54] **FILTERING PANEL AND METHOD OF MAKING THE SAME**
[54] **PANNEAU FILTRANT ET SON PROCEDE DE FABRICATION**
[72] BRASCHI, MARCO, IT
[72] NEGRINI, ROBERTO, IT
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2016-10-13
[86] 2015-06-05 (PCT/EP2015/062601)
[87] (WO2015/185736)
[30] IT (MI2014A001030) 2014-06-05

[21] **2,945,713**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/30 (2006.01)**
[25] EN
[54] **OCT TRANSPARENT SURGICAL INSTRUMENTS AND METHODS**
[54] **PROCEDES ET INSTRUMENTS CHIRURGICAUX TRANSPARENTS D'OCT**
[72] GRUEEBLER, RETO, CH
[72] SCHALLER, PHILIPP, CH
[71] NOVARTIS AG, CH
[85] 2016-10-13
[86] 2015-06-09 (PCT/EP2015/062867)
[87] (WO2015/189227)
[30] US (62/012,073) 2014-06-13

[21] **2,945,722**
[13] A1
[51] **Int.Cl. B65D 5/52 (2006.01) B65D 5/54 (2006.01)**
[25] EN
[54] **PACKAGE ASSEMBLY COMPRISING INNER AND OUTER CONTAINERS, METHOD OF MANUFACTURING THEREOF, METHODS OF STORING/DISPLAYING PRODUCTS THEREWITH AND BLANK FOR FORMING THE OUTER CONTAINER THEREOF**
[54] **ENSEMBLE EMBALLAGE COMPRENANT DES CONTENANTS INTERNE ET EXTERNE, PROCEDE DE FABRICATION DE CELUI-CI, PROCEDES DE STOCKAGE/PRESENTATION DE PRODUITS AVEC CELUI-CI ET DECOUPE POUR FORMER LE CONTENANT EXTERNE DE CELUI-CI**
[72] COLLIER, PAUL, GB
[72] MACQUEEN, PETER GRAHAM RICHARD, GB
[71] KRAFT FOODS R & D, INC., US
[85] 2016-10-13
[86] 2015-06-11 (PCT/IB2015/001015)
[87] (WO2016/024150)
[30] GB (1414368.9) 2014-08-13

[21] **2,945,736**
[13] A1
[51] **Int.Cl. A01N 63/04 (2006.01) C12N 15/113 (2010.01) A01N 63/02 (2006.01) A01P 23/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR MOSQUITO CONTROL AND USES OF SAME**
[54] **COMPOSITIONS DE LUTTE CONTRE LES MOUSTIQUES ET LEURS UTILISATIONS**
[72] PALDI, NITZAN, IL
[72] BONCRISTIANI JUNIOR, HUMBERTO FREIRE, US
[72] MAORI, EYAL, IL
[72] WEISS, AVITAL, IL
[72] BERNARDES, EMERSON SOARES, BR
[71] FORREST INNOVATIONS LTD., IL
[85] 2016-10-13
[86] 2015-05-04 (PCT/IL2015/050468)
[87] (WO2015/170324)
[30] US (61/988,234) 2014-05-04
[30] US (61/988,236) 2014-05-04
[30] US (61/988,237) 2014-05-04
[30] US (61/988,246) 2014-05-04
[30] US (61/988,235) 2014-05-04

[21] **2,945,748**
[13] A1
[51] **Int.Cl. C08F 271/02 (2006.01) D21H 17/41 (2006.01) D21H 17/45 (2006.01) D21H 21/10 (2006.01) D21H 21/18 (2006.01)**
[25] EN
[54] **MODIFIED VINYLAMINE CONTAINING POLYMERS AND THEIR USE IN PAPERMAKING**
[54] **POLYMERES MODIFIES A BASE DE VINYLAMINE ET LEUR UTILISATION DANS LA FABRICATION DU PAPIER**
[72] BORKAR, SACHIN, US
[72] LUSVARDI, KATE MARRITT, US
[72] MAHONEY, JOSEPH M., US
[72] GU, QU-MING, US
[72] LUO, MINGXIANG, US
[71] SOLENIS TECHNOLOGIES, L.P., CH
[85] 2016-10-13
[86] 2015-04-10 (PCT/US2015/025406)
[87] (WO2015/160668)
[30] US (61/980,336) 2014-04-16

[21] **2,945,766**
[13] A1
[51] **Int.Cl. A61K 31/277 (2006.01) A61P 33/14 (2006.01)**
[25] EN
[54] **USE OF MALONONITRILE COMPOUNDS FOR PROTECTING ANIMALS FROM PARASITES**
[54] **UTILISATION DE COMPOSES DE MALONONITRILE POUR PROTEGER DES ANIMAUX CONTRE LES PARASITES**
[72] MENG, CHARLES, US
[72] MICULKA, CHRISTIAN, DE
[72] SOLL, MARK, US
[72] PAULINI, RALPH, DE
[72] POHLMAN, MATTHIAS, DE
[72] SORGEL, SEBASTIAN, DE
[72] BASTIAANNS, HENRICUS MARIA MARTINUS, US
[72] THOMPSON, SARAH, US
[72] EBUENGA DOYOG, CECILLE, PH
[72] MALVEDA UMALI, ANNA, PH
[72] SUIZA COSARE, RHOEL, PH
[72] PALMER, CHRISTOPHER, US
[72] HOKAMA, TAKEO, US
[71] MERIAL, INC., US
[71] BASF, SE, DE
[85] 2016-10-13
[86] 2015-04-17 (PCT/US2015/026424)
[87] (WO2015/161224)
[30] US (61/980,832) 2014-04-17

[21] **2,945,821**
[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **MEDICAL IMPLANT DELIVERY SYSTEM FOR SHEET-LIKE IMPLANT**
[54] **SYSTEME DE POSE D'IMPLANT MEDICAL POUR UN IMPLANT DE TYPE FEUILLE**
[72] ZENZ-OLSON, NATHANIEL, US
[71] ROTATION MEDICAL, INC., US
[85] 2016-10-13
[86] 2015-05-08 (PCT/US2015/029934)
[87] (WO2015/172052)
[30] US (61/991,001) 2014-05-09

[21] **2,945,870**
[13] A1
[51] **Int.Cl. C09K 21/14 (2006.01)**
[25] EN
[54] **FIREPROOFING COMPOSITION AND USE THEREOF**
[54] **COMPOSITION IGNIFUGEANTE ET SON UTILISATION**
[72] SIMON, SEBASTIAN, DE
[72] WOLFLE, INGRID, DE
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-10-14
[86] 2015-04-08 (PCT/EP2015/057574)
[87] (WO2015/158582)
[30] EP (14164845.1) 2014-04-16

[21] **2,945,872**
[13] A1
[51] **Int.Cl. H01M 10/056 (2010.01) C01B 21/086 (2006.01) C07C 303/40 (2006.01) C07C 311/48 (2006.01)**
[25] FR
[54] **PREPARATION OF IMIDES CONTAINING A FLUOROSULPHONYL GROUP**
[54] **PREPARATION D'IMIDES CONTENANT UN GROUPEMENT FLUOROSULFONYLE**
[72] SCHMIDT, GREGORY, FR
[72] AUDUREAU, SOPHIE, FR
[71] ARKEMA FRANCE, FR
[85] 2016-10-14
[86] 2015-04-01 (PCT/FR2015/050845)
[87] (WO2015/158979)
[30] FR (1453523) 2014-04-18

[21] **2,945,875**
[13] A1
[51] **Int.Cl. F16H 21/44 (2006.01) A01D 34/30 (2006.01)**
[25] EN
[54] **MOWING CUTTER DRIVE**
[54] **ENTRAINEMENT DE LAME DE FAUCHEUSE**
[72] SCHUMACHER, HEINRICH GUNTER, DE
[72] SCHMIDT, RALF, DE
[71] EWM EICHELHARDTER WERKZEUG- UND MASCHINENBAU GMBH, DE
[85] 2016-10-14
[86] 2015-04-13 (PCT/EP2015/057978)
[87] (WO2015/158660)
[30] DE (10 2014 105 457.1) 2014-04-16

[21] **2,945,880**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 31/7088 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **APOO FOR USE IN A METHOD FOR TREATING CANCER AND VARIOUS PATHOPHYSIOLOGICAL SITUATIONS**
[54] **UTILISATION D'APOO DANS UNE METHODE DE TRAITEMENT DU CANCER ET DE DIVERSES SITUATIONS PHYSIOPATHOLOGIQUES**
[72] ROUET, PHILIPPE, FR
[72] SMIH, FATIMA, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE PAUL SABATIER TOULOUSE III, FR
[85] 2016-10-14
[86] 2015-04-15 (PCT/EP2015/058143)
[87] (WO2015/158760)
[30] EP (14305565.5) 2014-04-16

[21] **2,945,905**
[13] A1
[51] **Int.Cl. C08L 83/04 (2006.01) C08J 3/24 (2006.01) C08K 3/36 (2006.01) C09D 183/04 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **SPRAYABLE COMPOSITION, ITS USE AND METHOD FOR SEALING OPENINGS OR GAPS IN BUILDING COMPONENTS**
[54] **COMPOSITION PULVERISABLE, UTILISATION ET PROCEDE D'ETANCHAGE D'OUVERTURES OU DE FISSURES DANS DES COMPOSANTS**
[72] JULI, STEFAN, AT
[72] FALKENBERG, STEFANIE, DE
[72] HUBER, JOHANN, DE
[72] SIMON, SEBASTIAN, DE
[72] FORG, CHRISTIAN, DE
[72] DRABER, EDGAR, DE
[72] ZOLLER, DANIEL, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-10-14
[86] 2015-05-26 (PCT/EP2015/061529)
[87] (WO2015/185387)
[30] EP (14171602.7) 2014-06-06

[21] **2,945,911**
[13] A1
[51] **Int.Cl. D02G 3/36 (2006.01) D02G 3/44 (2006.01)**
[25] FR
[54] **NOVEL PROCESS FOR MANUFACTURING FLAME RETARDANT YARNS**
[54] **NOUVEAU PROCEDE DE FABRICATION DE FILS IGNIFUGES**
[72] DAMOUR, FRANCOIS-XAVIER, FR
[71] MERMET, FR
[85] 2016-10-14
[86] 2015-04-21 (PCT/FR2015/051075)
[87] (WO2015/162371)
[30] FR (1453617) 2014-04-22

[21] **2,945,919**
[13] A1
[51] **Int.Cl. A01N 37/04 (2006.01) A01N 37/06 (2006.01) A01N 37/36 (2006.01) A01N 63/02 (2006.01) A01P 13/00 (2006.01)**
[25] FR
[54] **USE OF A DICARBOXYLIC ACID TO CONTROL THE GROWTH OF HOLOPARASITIC OR HEMIPARASITIC PLANTS**
[54] **UTILISATION D'UN ACIDE DICARBOXYLIQUE POUR LUTTER CONTRE LA CROISSANCE DE PLANTES HOLOPARASITES OU HEMIPARASITES**
[72] BALLY, RENE, FR
[72] COMTE, GILLES, FR
[72] BERNILLON, JACQUES, FR
[72] BELLVERT, FLORIANT, FR
[72] PRIGENT-COMBARET, CLAIRE, FR
[72] ANDRIANJAKA-CAMPS, ZO-NOROSOA, CH
[72] DUPONNOIS, ROBIN, FR
[72] WISNIEWSKI-DYE, FLORENCE, FR
[72] BERTRAND, CEDRIC, FR
[72] MICHE, LUCIE, FR
[71] UNIVERSITE CLAUDE BERNARD LYON I, FR
[71] INSTITUT D'ENSEIGNEMENT SUPERIEUR ET DE RECHERCHE EN ALIMENTATION, SANTE ANIMALE, SCIENCES AGRONOMIQUES ET DE L'ENVIRONNEMENT (VETAGRO SUP), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] L'INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT, FR
[85] 2016-10-14
[86] 2015-04-28 (PCT/FR2015/051150)
[87] (WO2015/166184)
[30] FR (1453891) 2014-04-29

[21] **2,945,930**
[13] A1
[51] **Int.Cl. A61K 38/10 (2006.01) A61K 8/64 (2006.01) A61K 38/08 (2006.01) A61P 17/00 (2006.01) A61Q 7/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING OSTEOPONTIN DERIVATIVES FOR THE INHIBITION OF HAIR GROWTH**
[54] **COMPOSITIONS COMPRENANT DES DERIVES D'OSTEOPONTINE POUR INHIBER LA CROISSANCE CAPILLAIRE**
[72] ALENFALL, JAN, SE
[72] DUNER, PONTUS, SE
[72] NILSSON, ANNA HULTGARDH, SE
[72] PAUS, RALF, DE
[71] FOLLICUM AB, SE
[85] 2016-10-14
[86] 2015-04-17 (PCT/GB2015/051165)
[87] (WO2015/159099)
[30] GB (1406989.2) 2014-04-17

[21] **2,945,941**
[13] A1
[51] **Int.Cl. C09J 123/14 (2006.01) C09J 11/00 (2006.01) C09J 123/02 (2006.01) C09J 123/06 (2006.01)**
[25] EN
[54] **POLYOLEFIN-BASED HOT MELT ADHESIVES WITH IMPROVED PROPERTIES**
[54] **ADHESIFS THERMOFUSIBLES A BASE DE POLYOLEFINE PRESENTANT DES PROPRIETES AMELIOREES**
[72] GRAY, STEVEN DANIEL, US
[72] HU, MIAO, US
[71] BOSTIK, INC., US
[85] 2016-10-14
[86] 2015-04-16 (PCT/US2015/026113)
[87] (WO2015/161039)
[30] US (61/995,639) 2014-04-16

[21] **2,945,942**
[13] A1
[51] **Int.Cl. C04B 24/42 (2006.01) B32B 13/08 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **SILOXANE COMPOSITIONS AND METHODS FOR REDUCING VOC AND SILOXANE DUST**
[54] **COMPOSITIONS DE SILOXANE ET PROCEDES PERMETTANT DE REDUIRE LA TENEUR EN COMPOSES ORGANIQUES VOLATILS ET LA POUSSIERE DE SILOXANE**
[72] XU, YUFENG, US
[72] LUAN, WENQI, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-10-14
[86] 2015-04-14 (PCT/US2015/025664)
[87] (WO2015/164119)
[30] US (61/984,206) 2014-04-25
[30] US (14/523,016) 2014-10-24

[21] **2,946,005**
[13] A1
[51] **Int.Cl. E21B 19/24 (2006.01) E21B 21/08 (2006.01) E21B 33/08 (2006.01)**
[25] EN
[54] **MISALIGNMENT MITIGATION IN A ROTATING CONTROL DEVICE**
[54] **ATTENUATION DE DESALIGNEMENT DANS UN DISPOSITIF DE COMMANDE TOURNANT**
[72] CHAMBERS, JAMES W., US
[72] WAGONER, DANNY W., US
[72] HARRISON, ANDREW, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-10-14
[86] 2015-05-29 (PCT/US2015/033209)
[87] (WO2015/184275)
[30] US (62/004,624) 2014-05-29

[21] **2,946,085**
[13] A1
[51] **Int.Cl. B42D 25/373 (2014.01) B42D 25/328 (2014.01) B42D 25/337 (2014.01) B42D 25/378 (2014.01) B42D 25/43 (2014.01) B42D 25/435 (2014.01) B42D 25/445 (2014.01)**
[25] EN
[54] **MULTILAYER BODY AND METHOD FOR THE PRODUCTION THEREOF**
[54] **ELEMENT MULTICOUCHE ET PROCEDE POUR LE FABRIQUER**
[72] KARRER WALKER, RETO, CH
[72] SCHILLING, ANDREAS, CH
[72] STAUB, RENE, CH
[72] STREB, CHRISTINA, CH
[72] SAXER, CHRISTIAN, CH
[71] OVD KINEGRAM AG, CH
[85] 2016-10-17
[86] 2015-05-07 (PCT/EP2015/060050)
[87] (WO2015/169895)
[30] DE (10 2014 106 340.6) 2014-05-07

[21] **2,946,196**
[13] A1
[51] **Int.Cl. B67D 7/82 (2010.01) B67D 7/32 (2010.01) B67D 7/42 (2010.01) F16L 53/00 (2006.01) H05B 3/10 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR HEATING FLUID DISPENSERS, HOSES, AND NOZZLES**
[54] **DISPOSITIFS ET PROCEDES PERMETTANT DE CHAUFFER DES DISTRIBUTEURS DE FLUIDE, DES TUYAUX FLEXIBLES ET DES BUSES**
[72] SHELTON, ARTEMUS A., US
[72] KRETZLER, RANDAL SCOTT, US
[72] REITER, JEFFREY, US
[72] HOLMES, DANIEL, US
[72] LARSSON, BENGT I., SE
[71] WAYNE FUELING SYSTEMS LLC, US
[85] 2016-10-17
[86] 2015-04-13 (PCT/US2015/025583)
[87] (WO2015/160710)
[30] US (61/981,577) 2014-04-18
[30] US (14/286,405) 2014-05-23
[30] US (62/078,220) 2014-11-11
[30] US (14/568,729) 2014-12-12
[30] US (14/678,486) 2015-04-03

[21] **2,946,244**
[13] A1
[51] **Int.Cl. G06K 19/06 (2006.01)**
[25] EN
[54] **ENCODED CELLS AND CELL ARRAYS**
[54] **CELLULES CODEES ET RESEAUX DE CELLULES**
[72] ULYATE, JOHN ADAM, ZA
[71] GELLINER LIMITED, GB
[85] 2016-10-18
[86] 2015-04-27 (PCT/GB2015/051217)
[87] (WO2015/166221)
[30] GB (1407432.2) 2014-04-28

[21] **2,946,337**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A FILM WHICH SERVES AS A CARRIER FOR ELECTRONIC COMPONENTS**
[54] **DISPOSITIF DE FABRICATION D'UN FILM, QUI SERT DE SUPPORT POUR DES COMPOSANTS ELECTRONIQUES**
[72] TARANTINO, THOMAS, DE
[72] GRIESMEIER, ROBERT, DE
[71] GIESECKE & DEVRIENT GMBH, DE
[85] 2016-10-19
[86] 2015-04-21 (PCT/EP2015/000835)
[87] (WO2015/176792)
[30] DE (10 2014 007 474.9) 2014-05-21

[21] **2,946,406**
[13] A1
[51] **Int.Cl. A61M 39/16 (2006.01) A61M 39/04 (2006.01) A61M 39/10 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **PORTED CATHETER OR FEMALE LUER FITTING WITH ANTIMICROBIAL SEPTUM**
[54] **CATHETER A PORTS OU RACCORD LUER FEMELLE AYANT UNE CLOISON ANTIMICROBIENNE**
[72] LIN, JANICE, US
[72] LIU, HUIBIN, US
[72] BIHLMAIER, BRYAN FRED, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-10-19
[86] 2015-04-14 (PCT/US2015/025799)
[87] (WO2015/164134)
[30] US (14/260,078) 2014-04-23

[21] **2,946,429**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/00 (2006.01) A61C 13/38 (2006.01)**
[25] EN
[54] **DENTAL PROSTHESIS PRODUCTION DEVICE AND DENTAL PROSTHESIS**
[54] **DISPOSITIF DE FABRICATION D'UNE PROTHESE DENTAIRE ET PROTHESE DENTAIRE**
[72] BURGER, GORAN, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2016-10-20
[86] 2015-05-22 (PCT/EP2015/061442)
[87] (WO2015/181092)
[30] EP (14169982.7) 2014-05-27

[21] **2,946,444**
[13] A1
[51] **Int.Cl. B63B 21/30 (2006.01) B63B 21/34 (2006.01)**
[25] EN
[54] **FLUKED BURYING DEVICES**
[54] **DISPOSITIFS D'ENFOUISSEMENT A PATTES**
[72] BRUCE, PETER, GB
[71] BRUPAT LIMITED, GB
[85] 2016-10-20
[86] 2015-04-09 (PCT/GB2015/051087)
[87] (WO2015/166207)
[30] GB (1407664.0) 2014-05-01
[30] GB (1414960.3) 2014-08-22

[21] **2,946,549**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **SYSTEM FOR CLOSED TRANSFER OF FLUIDS**
[54] **SYSTEME POUR LE TRANSFERT FERME DE FLUIDES**
[72] SANDERS, LAURIE, US
[72] ZACHEK, MATTHEW, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026812)
[87] (WO2015/164333)
[30] US (61/982,072) 2014-04-21

[21] **2,946,559**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **SYRINGE ADAPTER WITH COMPOUND MOTION DISENGAGEMENT**
[54] **ADAPTATEUR DE SERINGUE AYANT LIBERATION PAR MOUVEMENT COMPOSE**
[72] KIM, JAYEON, US
[72] SANDERS, LAURIE, US
[72] CANCELLIERI, JUDE, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026880)
[87] (WO2015/164377)
[30] US (61/982,091) 2014-04-21

[21] **2,946,566**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **FLUID TRANSFER DEVICE AND PACKAGING THEREFOR**
[54] **DISPOSITIF DE TRANSFERT DE FLUIDE ET SON EMBALLAGE**
[72] SANDERS, LAURIE, US
[72] KIM, JAYEON, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026934)
[87] (WO2015/164416)
[30] US (61/982,049) 2014-04-21

[21] **2,946,598**
[13] A1
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 21/01 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **DRILLING MUD COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DE BOUES DE FORAGE**
[72] THIESSEN, JAY JOHN, CA
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2016-10-20
[86] 2015-05-12 (PCT/US2015/030317)
[87] (WO2015/175496)
[30] US (14/276,671) 2014-05-13

[21] **2,946,645**
[13] A1
[51] **Int.Cl. A47L 9/14 (2006.01)**
[25] EN
[54] **VACUUM BAG**
[54] **SAC D'ASPIRATEUR**
[72] BLACKWELL, JAMES P., JR., US
[72] CREVLING, ROBERT LENT, JR., US
[72] MILLER, JONATHAN, US
[71] SHOP VAC CORPORATION, US
[85] 2016-10-20
[86] 2015-01-05 (PCT/US2015/010125)
[87] (WO2015/187205)
[30] US (14/295,025) 2014-06-03

[21] **2,946,646**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/02 (2012.01) G06F 21/62 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PERSONAL INTELLIGENCE PLATFORM**
[54] **PLATE-FORME DE RENSEIGNEMENTS PERSONNELS**
[72] NORMAN, MORGAN S., US
[72] STUDER, FRED J., US
[72] RANGA, RADU, US
[72] WALTI, JOHN-PAUL MCGREEVY, US
[72] WILLIAMS, GEN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-10-21
[86] 2015-05-28 (PCT/US2015/032775)
[87] (WO2015/184031)
[30] US (62/005,567) 2014-05-30
[30] US (14/509,607) 2014-10-08

[21] **2,946,668**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) A61B 5/1172 (2016.01) G06F 21/32 (2013.01) G07C 9/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR IDENTIFYING FINGERPRINTS**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'EMPREINTES DIGITALES**
[72] HOMER, ALOIS, AT
[71] NOVOMATIC AG, AT
[85] 2016-10-21
[86] 2015-04-22 (PCT/EP2015/058742)
[87] (WO2015/162189)
[30] AT (A50300/2014) 2014-04-23
[30] DE (10 2014 008 160.5) 2014-05-30

[21] **2,946,673**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) A61B 5/1172 (2016.01) G06F 21/32 (2013.01) G07C 9/00 (2006.01)**
[25] EN
[54] **DEVICE WITH FINGERPRINT SENSOR**
[54] **APPAREIL EQUIPE D'UN CAPTEUR D'EMPREINTE DIGITALE**
[72] HOMER, ALOIS, AT
[71] NOVOMATIC AG, AT
[85] 2016-10-21
[86] 2015-04-23 (PCT/EP2015/058783)
[87] (WO2015/162203)
[30] AT (A50300/2014) 2014-04-23
[30] DE (10 2014 008 160.5) 2014-05-30

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[21] **2,946,674**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **FILE SERVICE USING A SHARED FILE ACCESS-REST INTERFACE**
[54] **SERVICE DE FICHIER UTILISANT UNE INTERFACE DE TRANSFERT D'ETAT REPRESENTATIONNEL DE FICHIER (REST) D'ACCES A UN FICHIER PARTAGE (SFA)**
[72] CALDER, BRADLEY GENE, US
[72] EDWARDS, ANDREW JAMES, US
[72] AROYA, ISHAI BEN, US
[72] GOEBEL, DAVID ALLEN, US
[72] WU, JIESHENG, US
[72] HARIDAS, JAIDEN, US
[72] GANGULY, SHUVABRATA, US
[72] HENDEL, MATTHEW DOUGLAS, US
[72] DEMIR, OZAN, US
[72] GHANEM, JEAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-10-21
[86] 2015-05-11 (PCT/US2015/030165)
[87] (WO2015/175413)
[30] US (61/991,579) 2014-05-11
[30] US (14/708,286) 2015-05-10

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[21] **2,946,726**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL INSTRUMENT WITH END EFFECTOR HAVING RESTRICTED ARTICULATION**
[54] **INSTRUMENT CHIRURGICAL A ULTRASONS AYANT UN EFFECTEUR FINAL AYANT UNE ARTICULATION RESTREINTE**
[72] ALDRIDGE, JEFFREY L., US
[72] DICKERSON, BENJAMIN D., US
[72] FALLER, CRAIG N., US
[72] FOX, WILLIAM D., US
[72] MONROE, DAVID A., US
[72] STOKES, MICHAEL J., US
[72] WEISENBURGH, WILLIAM B., II, US
[72] WORRELL, BARRY C., US
[72] OLSON, WILLIAM A., US
[72] STULEN, FOSTER B., US
[71] ETHICON ENDO-SURGERY, LLC, US
[85] 2016-10-21
[86] 2015-04-17 (PCT/US2015/026322)
[87] (WO2015/164193)
[30] US (62/176,880) 2014-04-22
[30] US (14/688,692) 2015-04-16

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[21] **2,946,735**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/01 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING DRILLING FLUID**
[54] **SYSTEME ET PROCEDE DE GESTION DE FLUIDE DE FORAGE**
[72] YAJURE, EDGAR FERNANDO, CA
[72] BOWLEY, RYAN THOMAS, CA
[71] TESCO CORPORATION, US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027154)
[87] (WO2015/164534)
[30] US (14/258,827) 2014-04-22

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[21] **2,946,801**
[13] A1
[51] **Int.Cl. G01C 13/00 (2006.01) G03B 15/02 (2006.01)**
[25] EN
[54] **3D DATA IN UNDERWATER SURVEYS**
[54] **NUAGES DE POINTS 3D**
[72] BOYLE, ADRIAN, IE
[72] FLYNN, MICHAEL, IE
[71] CATHX RESEARCH LTD, IE
[85] 2016-10-24
[86] 2015-04-24 (PCT/EP2015/058990)
[87] (WO2015/162280)
[30] GB (1407270.6) 2014-04-24

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[21] **2,946,808**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD FOR PREDICTION OF A PLACEBO RESPONSE IN AN INDIVIDUAL**
[54] **PROCEDE DE PREDICTION D'UNE REPONSE A UN PLACEBO CHEZ UN INDIVIDU**
[72] PEREIRA, ALVARO, BE
[72] DEMOLLE, DOMINIQUE, BE
[72] GOSSUIN, CHANTAL, BE
[72] HELLEPUTTE, THIBAULT, BE
[71] TOOLS4PATIENT SA, BE
[85] 2016-10-24
[86] 2015-05-05 (PCT/EP2015/059875)
[87] (WO2015/169810)
[30] EP (14167021.6) 2014-05-05
[30] US (14/269,503) 2014-05-05

[21] **2,946,957**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01) B24B 13/00 (2006.01)**
[25] EN
[54] **SET OF EYEGLASS-LENS SEMIFINISHED PRODUCTS AND METHOD FOR THE DESIGN OF SAID SET, METHOD AND DEVICE FOR PRODUCING EYEGLASS LENSES, AND USE OF A SET OF SEMIFINISHED PRODUCTS**
[54] **ENSEMBLE DE VERRES DE LUNETTES SEMI-FINIS ET PROCEDE DE CONCEPTION DE CELUI-CI, PROCEDE ET DISPOSITIF DE FABRICATION DE VERRES DE LUNETTES ET UTILISATION D'UN ENSEMBLE DE VERRES SEMI-FINIS**
[72] MICHELS, GEORG, DE
[72] KRATZER, TIMO, DE
[72] NOWAK, GERD, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[85] 2016-10-28
[86] 2015-07-09 (PCT/EP2015/065674)
[87] (WO2016/005486)
[30] DE (10 2014 213 393.9) 2014-07-10

[21] **2,947,094**
[13] A1
[51] **Int.Cl. G01R 31/333 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TESTING A TAP CHANGER OF A TRANSFORMER**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE D'UN COMMUTATEUR A GRADINS D'UN TRANSFORMATEUR**
[72] RADLER, MICHAEL, AT
[72] UNTERER, BORIS, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2016-10-26
[86] 2015-06-29 (PCT/EP2015/064713)
[87] (WO2016/001150)
[30] AT (A 50460/2014) 2014-07-02

[21] **2,947,115**
[13] A1
[51] **Int.Cl. G02B 1/11 (2015.01)**
[25] FR
[54] **ARTICLE HAVING OPTIMISED THERMOMECHANICAL PROPERTIES, COMPRISING A LAYER OF TITANO-ORGANIC NATURE**
[54] **ARTICLE A PROPRIETES THERMOMECANIQUES OPTIMISEES COMPORTANT UNE COUCHE DE NATURE TITANO-ORGANIQUE**
[72] ZABEIDA, OLEG, CA
[72] SCHMITT, THOMAS, CA
[72] SAPIEHA, JOLANTA, CA
[72] MARTINU, LUDVIK, CA
[72] SCHERER, KARIN, FR
[71] CORPORATION DE L'ECOLE POLYTECHNIQUE DE MONTREAL, CA
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2016-10-26
[86] 2014-04-28 (PCT/FR2014/051016)
[87] (WO2015/166144)

[21] **2,947,157**
[13] A1
[51] **Int.Cl. C12N 15/00 (2006.01) A61K 39/395 (2006.01) A61P 15/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **T CELL-REDIRECTED ANTIGEN-BINDING MOLECULE FOR CELLS HAVING IMMUNOSUPPRESSION FUNCTION**
[54] **MOLECULE DE LIAISON A UN ANTIGENE REDIRIGE VERS UN LYMPHOCYTE T POUR CELLULES PRESENTANT UNE FONCTION D'IMMUNOSUPPRESSION**
[72] IGAWA, TOMOYUKI, JP
[72] ISHIGURO, TAKAHIRO, JP
[72] SAKAGUCHI, SHIMON, JP
[72] NISHIKAWA, HIROYOSHI, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[71] OSAKA UNIVERSITY, JP
[85] 2016-10-26
[86] 2015-05-13 (PCT/JP2015/063716)
[87] (WO2015/174439)
[30] JP (2014-099707) 2014-05-13

[21] **2,947,163**
[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **AIDED DELIVERY OF PLANT TREATMENT AGENTS**
[54] **ADMINISTRATION ASSISTEE D'AGENTS DE TRAITEMENT DES PLANTES**
[72] LARUE, HUACHUN, US
[72] DONG, FENGGAO, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2016-10-26
[86] 2015-05-01 (PCT/US2015/028955)
[87] (WO2015/168659)
[30] US (61/987,260) 2014-05-01

[21] **2,947,204**
[13] A1
[51] **Int.Cl. B07C 3/00 (2006.01)**
[25] EN
[54] **DOCUMENT IMAGING SYSTEM AND METHOD FOR IMAGING DOCUMENTS**
[54] **SYSTEME D'IMAGERIE DE DOCUMENTS ET PROCEDE D'IMAGERIE DE DOCUMENTS**
[72] SULLIVAN, MICHAEL, US
[72] ALLEN, JOHN, US
[72] HELMLINGER, DAVID, US
[72] DEWITT, ROBERT, US
[72] YORK, MICHAEL, US
[72] ESCHE, ROBERT, US
[72] O'MARA, KERRY D., US
[72] MILLER, GARY, US
[71] OPEX CORPORATION, US
[85] 2016-10-26
[86] 2015-05-04 (PCT/US2015/029119)
[87] (WO2015/168702)
[30] US (61/988,148) 2014-05-02
[30] US (61/988,880) 2014-05-05

[21] **2,947,206**
[13] A1
[51] **Int.Cl. F16L 9/12 (2006.01) B61D 35/00 (2006.01) B64D 11/02 (2006.01) F16L 57/00 (2006.01)**
[25] EN
[54] **MULTILAYER COMPOSITE WASTE TUBE**
[54] **TUBE COMPOSITE MULTICOUCHE A DECHETS**
[72] KAVANAUGH, GERRY, CA
[72] WIEBE, JOERG, US
[71] RAMPF COMPOSITE SOLUTIONS INC., CA
[85] 2016-10-27
[86] 2015-04-30 (PCT/CA2015/000287)
[87] (WO2015/164952)
[30] US (61/987,059) 2014-05-01

[21] **2,947,207**
[13] A1
[51] **Int.Cl. G02F 1/01 (2006.01) H01L 33/26 (2010.01) H04B 10/90 (2013.01) G01N 21/3581 (2014.01) G01J 3/10 (2006.01) G02F 1/025 (2006.01) G02F 1/03 (2006.01) G02F 1/061 (2006.01) G02F 1/355 (2006.01) H01P 3/10 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR GENERATING AND TRANSMITTING TERAHERTZ**
[54] **PROCEDE ET SYSTEME DESTINES A LA GENERATION ET A LA TRANSMISSION DE TERAHERTZ**
[72] CLERICI, MATTEO, GB
[72] MAZHOROVA, ANNA, CA
[72] MRIDHA, MANOJ, CA
[72] JESTIN, YOANN, CA
[72] MORANDOTTI, ROBERTO, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[71] HERIOT WATT UNIVERSITY, GB
[85] 2016-10-27
[86] 2015-05-21 (PCT/CA2015/050460)
[87] (WO2015/179970)
[30] US (62/002,983) 2014-05-26

[21] **2,947,209**
[13] A1
[51] **Int.Cl. A23L 27/00 (2016.01) A23L 19/18 (2016.01) A23L 29/10 (2016.01) A23L 29/20 (2016.01) A23L 33/20 (2016.01) A23P 10/30 (2016.01) A23P 20/10 (2016.01) A23D 7/005 (2006.01) A23D 7/015 (2006.01)**
[25] EN
[54] **SNACK FOOD SEASONING**
[54] **ASSAISONNEMENT POUR EN-CAS**
[72] BERI, AKASH, GB
[72] ALLEN, RACHAEL, GB
[72] LINTER, BRUCE, GB
[72] HAMILTON, IAN, GB
[72] NORTON, IAN, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
[85] 2016-10-27
[86] 2015-04-24 (PCT/EP2015/058989)
[87] (WO2015/165831)
[30] GB (1407712.7) 2014-05-01

[21] **2,947,213**
[13] A1
[51] **Int.Cl. A23L 27/00 (2016.01) A23L 27/40 (2016.01) A23L 29/10 (2016.01) A23P 10/30 (2016.01) A23P 20/10 (2016.01) A23D 7/005 (2006.01)**
[25] EN
[54] **SNACK FOOD SEASONING**
[54] **ASSAISONNEMENT POUR ALIMENT DE TYPE EN-CAS**
[72] BERI, AKASH, GB
[72] ALLEN, RACHAEL, GB
[72] LINTER, BRUCE, GB
[72] WATSON, RICHARD, GB
[72] SPYROPOULOS, FOTIS, GB
[72] NORTON, IAN, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
[85] 2016-10-27
[86] 2015-04-24 (PCT/EP2015/058988)
[87] (WO2015/165830)
[30] GB (1407709.3) 2014-05-01

[21] **2,947,239**
[13] A1
[51] **Int.Cl. G01N 30/86 (2006.01) G01N 30/72 (2006.01)**
[25] EN
[54] **MULTI-TRACE QUANTITATION**
[54] **QUANTIFICATION DE TRACES MULTIPLES**
[72] IVOSEV, GORDANA, CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2016-10-27
[86] 2015-04-14 (PCT/IB2015/000477)
[87] (WO2015/166322)
[30] US (61/985,335) 2014-04-28

[21] **2,947,244**
[13] A1
[51] **Int.Cl. B60Q 5/00 (2006.01) G10K 9/12 (2006.01) G10K 9/13 (2006.01)**
[25] EN
[54] **ELECTRONIC CONTACTLESS HORN AND SOUND DEVICE**
[54] **AVERTISSEUR ET DISPOSITIF SONORES ELECTRONIQUES SANS CONTACT**
[72] PATEL, SANJIV, US
[71] PATEL, SANJIV, US
[85] 2016-10-27
[86] 2014-05-01 (PCT/US2014/036416)
[87] (WO2015/167572)

[21] **2,947,251**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **ROBUST VISCOSITY ESTIMATION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'ESTIMATION ROBUSTE DE VISCOSITE**
[72] LIU, ZHENGCHUN, US
[72] SAMUEL, ROBELLO, US
[72] GONZALES, ADOLFO, US
[72] KANG, YONGFENG, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-10-27
[86] 2014-05-23 (PCT/US2014/039410)
[87] (WO2015/178934)

[21] **2,947,252**
[13] A1
[51] **Int.Cl. A61K 31/14 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **ADMINISTRATION OF CITICOLINE TO IMPROVE COGNITIVE PERFORMANCE, ATTENTIONAL PERFORMANCE, AND MOTOR FUNCTION**
[54] **ADMINISTRATION DE CITICOLINE POUR AMELIORER LA PERFORMANCE COGNITIVE, LES TROUBLES DE L'ATTENTION, ET LA FONCTION MOTRICE**
[72] YURGELUN-TODD, DEBORAH, US
[72] RENSHAW, PERRY, US
[72] TAKADA, MIHO, JP
[72] IKEDA, TAKESHI, JP
[72] MORITA, MASAHIKO, JP
[71] KYOWA HAKKO BIO CO., LTD., JP
[85] 2016-10-27
[86] 2015-04-30 (PCT/IB2015/053178)
[87] (WO2015/166463)
[30] US (61/986,502) 2014-04-30

[21] **2,947,254**
[13] A1
[51] **Int.Cl. F02C 3/30 (2006.01) F01D 25/32 (2006.01) F02C 6/00 (2006.01) F02C 6/18 (2006.01) F02C 7/08 (2006.01) F02C 7/143 (2006.01)**
[25] EN
[54] **GAS TURBINE CYCLE EQUIPMENT, EQUIPMENT FOR RECOVERING CO2 FROM FLUE GAS, AND METHOD FOR RECOVERING EXHAUST HEAT FROM COMBUSTION FLUE GAS**
[54] **EQUIPEMENT A CYCLE DE TURBINE A GAZ, EQUIPEMENT POUR RECUPERER DU CO2 A PARTIR DE GAZ D'ECHAPPEMENT, ET PROCEDE POUR RECUPERER UNE CHALEUR D'ECHAPPEMENT A PARTIR DE GAZ D'ECHAPPEMENT DE COMBUSTION**
[72] IIJIMA, MASAKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-10-27
[86] 2015-04-24 (PCT/JP2015/062473)
[87] (WO2015/174246)
[30] JP (2014-101758) 2014-05-15

[21] **2,947,255**
[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **VARIANTS OF DR3 AND USE THEREOF**
[54] **VARIANTS DU DR3 ET LEUR UTILISATION**
[72] AHARONI, AMIR, IL
[72] LEVIN, ITAY, IL
[71] THE NATIONAL INSTITUTE FOR BIOTECHNOLOGY IN THE NEGEV LTD., IL
[85] 2016-10-27
[86] 2015-04-27 (PCT/IL2015/050435)
[87] (WO2015/166486)
[30] US (61/984,910) 2014-04-28

[21] **2,947,257**
[13] A1
[51] **Int.Cl. C02F 1/68 (2006.01) B01D 19/00 (2006.01) B01D 61/00 (2006.01) B01F 1/00 (2006.01) B01F 3/04 (2006.01) B65B 3/18 (2006.01) C02F 1/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING HYDROGEN-CONTAINING DRINKING WATER**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'EAU POTABLE CONTENANT DE L'HYDROGENE**
[72] IGARASHI, JUNICHI, JP
[71] SHEFCO CO., LTD., JP
[85] 2016-10-27
[86] 2015-04-28 (PCT/JP2015/062895)
[87] (WO2015/166967)
[30] JP (2014-092648) 2014-04-28

[21] **2,947,259**
[13] A1
[51] **Int.Cl. E21B 12/02 (2006.01) E21B 10/00 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF WEAK ZONES IN ROTARY DRILL BITS DURING OFF-CENTER ROTATION**
[54] **IDENTIFICATION DE ZONES FAIBLES DANS DES TREPANS DE FORAGE ROTATIFS PENDANT LA ROTATION DECENTREE**
[72] CHEN, SHILIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-27
[86] 2014-06-10 (PCT/US2014/041653)
[87] (WO2015/191040)

[21] **2,947,261**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **NON-BURNING-TYPE FLAVOR INHALER**
[54] **INHALATEUR D'AROMES SANS COMBUSTION**
[72] TAKEUCHI, MANABU, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
[85] 2016-10-27
[86] 2015-04-30 (PCT/JP2015/063040)
[87] (WO2015/167001)
[30] JP (2014-095164) 2014-05-02

[21] **2,947,263**
[13] A1
[51] **Int.Cl. B22D 1/00 (2006.01) C22C 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING MOLTEN METALS FOR CASTING AT A LOW TO ZERO SUPERHEAT TEMPERATURE**
[54] **PROCEDE DE PREPARATION DE METAUX EN FUSION POUR COULEE A UNE TEMPERATURE DE SURCHAUFFE FAIBLE A NULLE**
[72] WANNASIN, JESSADA, TH
[72] FLEMINGS, MERTON C., US
[71] GISSCO COMPANY LIMITED, TH
[85] 2016-10-27
[86] 2014-05-16 (PCT/TH2014/000025)
[87] (WO2015/174937)

[21] **2,947,265**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **INFUSION PUMP PRESSURE PLATE**
[54] **PLAQUE DE PRESSION DE POMPE A PERFUSION**
[72] MOOSAI, SHIVA, US
[71] SMITHS MEDICAL ASD, INC., US
[85] 2016-10-27
[86] 2015-04-23 (PCT/US2015/027307)
[87] (WO2015/167927)
[30] US (61/985,110) 2014-04-28

[21] **2,947,266**
[13] A1
[51] **Int.Cl. H04N 5/225 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING EVENT TIMING IMAGES**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'IMAGES DE TIMING D'EVENEMENT**
[72] ALDRIDGE, JEREMY W., US
[72] DEANGELIS, DOUGLAS J., US
[72] SIGEL, KIRK M., US
[72] CIHOLAS, MIKE E., US
[72] BLAYLOCK, PAUL R., US
[72] HOLLINGER, HERB A., US
[72] HALLAM, EVAN A., US
[71] LYNX SYSTEM DEVELOPERS, INC., US
[85] 2016-10-27
[86] 2015-04-28 (PCT/US2015/027887)
[87] (WO2015/168058)
[30] US (14/263,550) 2014-04-28
[30] US (14/263,578) 2014-04-28
[30] US (14/263,504) 2014-04-28
[30] US (14/263,532) 2014-04-28

[21] **2,947,267**
[13] A1
[51] **Int.Cl. A47C 27/18 (2006.01)**
[25] EN
[54] **CHANNELIZED INFLATABLE BODIES AND METHODS FOR MAKING THE SAME**
[54] **CORPS GONFLABLES A CANAUX ET LEURS PROCEDES DE FABRICATION**
[72] MARSON, JAMES, US
[72] JACOT, DOUG, US
[71] CASCADE DESIGNS, INC., US
[85] 2016-10-27
[86] 2014-09-25 (PCT/US2014/057563)
[87] (WO2015/048359)
[30] US (61/882,622) 2013-09-25

[21] **2,947,270**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER USING NUCLEIC ACIDS TARGETING MDM2 OR MYCN**
[54] **PROCEDES DE TRAITEMENT DU CANCER AU MOYEN D'UN ACIDE NUCLEIQUE DECIBLAGE DE MDM2 OU MYCN**
[72] BYRNE, MICHAEL, US
[72] BULOCK, KAREN G., US
[72] CARDIA, JAMES, US
[71] RXI PHARMACEUTICALS CORPORATION, US
[85] 2016-10-27
[86] 2015-04-28 (PCT/US2015/027968)
[87] (WO2015/168108)
[30] US (61/985,446) 2014-04-28

[21] **2,947,272**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **NON-BURNING-TYPE FLAVOR INHALER**
[54] **INHALATEUR D'AROME SANS COMBUSTION**
[72] TAKEUCHI, MANABU, JP
[72] SUZUKI, AKIHIKO, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
[85] 2016-10-27
[86] 2015-04-30 (PCT/JP2015/063036)
[87] (WO2015/167000)
[30] JP (2014-095164) 2014-05-02

[21] **2,947,273**
[13] A1
[51] **Int.Cl. A61G 1/044 (2006.01)**
[25] EN
[54] **PEDIATRIC TRANSPORT HARNESS FOR AN AMBULANCE COT**
[54] **HARNAIS DE TRANSPORT PEDIATRIQUE POUR UNE CIVIERE D'AMBULANCE**
[72] CHIA, ORLANDO, CA
[72] WHITAKER, BRUCE, CA
[71] FERNO-WASHINGTON, INC., US
[85] 2016-10-27
[86] 2015-04-29 (PCT/US2015/028187)
[87] (WO2015/168227)
[30] US (14/266,041) 2014-04-30

[21] **2,947,279**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL INSTRUMENT ASSEMBLY, RELATED ACCESSORY, AND ASSOCIATED SURGICAL METHOD**
[54] **ENSEMBLE INSTRUMENT CHIRURGICAL A ULTRASONS, ACCESSOIRE ASSOCIE, ET PROCEDE CHIRURGICAL ASSOCIE**
[72] DARIAN, ALEXANDER, US
[71] MISONIX, INCORPORATED, US
[85] 2016-10-27
[86] 2015-04-23 (PCT/US2015/027303)
[87] (WO2015/167925)
[30] US (14/264,705) 2014-04-29

[21] **2,947,280**
[13] A1
[51] **Int.Cl. B41J 3/46 (2006.01) G06Q 30/06 (2012.01) G06F 3/0488 (2013.01) G03B 13/02 (2006.01)**
[25] EN
[54] **TRANSFER OF MOBILE DEVICE CAMERA IMAGE TO AN IMAGE-SUPPORTING SURFACE**
[54] **TRANSFERT D'IMAGE D'APPAREIL PHOTO DE DISPOSITIF MOBILE SUR UNE SURFACE DE SUPPORT D'IMAGE**
[72] KRILIVSKY, MICHAEL, US
[71] RAGEON, INC., US
[85] 2016-10-27
[86] 2015-04-29 (PCT/US2015/028292)
[87] (WO2015/168285)
[30] US (61/987,242) 2014-05-01

[21] **2,947,281**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTHENTICATION TOKEN GENERATION**
[54] **PROCEDE ET SYSTEME DE GENERATION DE JETONS D'AUTHENTIFICATION**
[72] PIEL, BRIAN, US
[72] HEY, MARK, US
[72] BAKER, PAUL, GB
[72] WILLIAMSON, GREGORY D., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-10-27
[86] 2015-04-29 (PCT/US2015/028338)
[87] (WO2015/168316)
[30] US (14/266,154) 2014-04-30

[21] **2,947,284**
[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **INTRODUCER FOR BIOPSY DEVICE**
[54] **INTRODUCTEUR POUR DISPOSITIF DE BIOPSIE**
[72] HOUSEHOLDER, ROBERT M., US
[72] RHAD, EDWARD A., US
[72] NOCK, ANDREW PAUL, US
[72] FIEBIG, KEVIN M., US
[71] DEVICOR MEDICAL PRODUCTS, INC., US
[85] 2016-10-27
[86] 2015-04-30 (PCT/US2015/028429)
[87] (WO2015/168361)
[30] US (61/987,215) 2014-05-01

[21] **2,947,287**
[13] A1
[51] **Int.Cl. A01K 27/00 (2006.01)**
[25] EN
[54] **APPARATUS TO DISCOURAGE A CANINE OR OTHER ANIMAL FROM RUNNING**
[54] **APPAREIL POUR DISSUADER UN CHIEN OU AUTRE ANIMAL DE COURIR**
[72] ROGERS, THOMAS D., US
[71] ROGERS, THOMAS D., US
[85] 2016-10-27
[86] 2015-04-30 (PCT/US2015/028499)
[87] (WO2015/168396)
[30] US (61/986,318) 2014-04-30

[21] **2,947,290**
[13] A1
[51] **Int.Cl. C07D 265/36 (2006.01) A61K 31/353 (2006.01) A61K 31/435 (2006.01) A61K 31/536 (2006.01) A61K 31/5415 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 215/58 (2006.01) C07D 279/16 (2006.01) C07D 311/22 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **TETRAHYDROQUINOLINE SULFONAMIDE AND RELATED COMPOUNDS FOR USE AS AGONISTS OF RORY AND THE TREATMENT OF DISEASE**
[54] **SULFONAMIDE DE TETRAHYDROQUINOLINE ET COMPOSES APPARENTES DESTINES A SERVIR D'AGONISTES DE RORY ET POUR LE TRAITEMENT DE MALADIES**
[72] AICHER, THOMAS DANIEL, US
[72] TAYLOR, CLARKE B., US
[72] VANHUIS, CHAD A., US
[71] LYCERA CORPORATION, US
[85] 2016-10-27
[86] 2015-05-05 (PCT/US2015/029240)
[87] (WO2015/171610)
[30] US (61/988,710) 2014-05-05
[30] US (62/121,800) 2015-02-27

[21] **2,947,291**
[13] A1
[51] **Int.Cl. A61K 9/28 (2006.01) A61K 31/52 (2006.01)**
[25] EN
[54] **TREATMENT OF CROHN'S DISEASE WITH DELAYED-RELEASE 6-MERCAPTOPURINE**
[54] **TRAITEMENT DE LA MALADIE DE CROHN AVEC DE LA 6-MERCAPTOPURINE A LIBERATION RETARDEE**
[72] KOLATCH, BRENDA, IL
[72] HOTOVELY-SALOMON, ANNA, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2016-10-27
[86] 2015-04-30 (PCT/US2015/028590)
[87] (WO2015/168448)
[30] US (61/988,068) 2014-05-02
[30] US (62/093,210) 2014-12-17

[21] **2,947,293**
[13] A1
[51] **Int.Cl. A61B 1/005 (2006.01) A61B 1/07 (2006.01)**
[25] EN
[54] **LUMEN-LESS ILLUMINATION SYSTEM**
[54] **SYSTEME D'ECLAIRAGE SANS LUMIERE INTERIEURE**
[72] SINOFSKY, EDWARD L., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-10-27
[86] 2015-04-29 (PCT/US2015/028225)
[87] (WO2015/168247)
[30] US (61/985,982) 2014-04-29

[21] **2,947,294**
[13] A1
[51] **Int.Cl. H01F 38/18 (2006.01) H02K 1/26 (2006.01) H02P 9/10 (2006.01)**
[25] EN
[54] **WOUND FIELD SYNCHRONOUS MACHINE WITH RESONANT FIELD EXCITER**
[54] **MACHINE SYNCHRONE A ENROULEMENT DE CHAMP AVEC DISPOSITIF RESONANT D'EXCITATION DE CHAMP**
[72] BOX, GARY, US
[71] GBOX LLC, US
[85] 2016-10-27
[86] 2015-05-07 (PCT/US2015/029729)
[87] (WO2015/175316)
[30] US (14/276,859) 2014-05-13

[21] **2,947,295**
[13] A1
[51] **Int.Cl. A61B 3/107 (2006.01) A61B 3/00 (2006.01) A61B 3/14 (2006.01)**
[25] EN
[54] **GRADING CORNEAL FLUORESCEIN STAINING**
[54] **CLASSEMENT DE COLORATION CORNEENNE A LA FLUORESCEINE**
[72] DANA, REZA, US
[72] PULIDO, FRANCISCO L. AMPARO, US
[72] WANG, HAOBING, US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[85] 2016-10-27
[86] 2015-05-01 (PCT/US2015/028907)
[87] (WO2015/168629)
[30] US (61/988,144) 2014-05-02

[21] **2,947,296**
[13] A1
[51] **Int.Cl. B65D 71/58 (2006.01)**
[25] EN
[54] **CARRIER FOR CONTAINERS**
[54] **PORTEUR POUR RECIPIENTS**
[72] HOLLEY, JOHN MURDICK, JR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2016-10-27
[86] 2015-05-08 (PCT/US2015/029826)
[87] (WO2015/171982)
[30] US (61/996,512) 2014-05-09

[21] **2,947,300**
[13] A1
[51] **Int.Cl. A01N 43/00 (2006.01) A01N 25/34 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL SURFACE COATINGS**
[54] **REVETEMENTS DE SURFACE ANTIMICROBIENS**
[72] CAO, ZHENGBING, US
[72] SUN, XINBO, US
[72] JOHNSTON, SIMON, US
[71] CAO, ZHENGBING, US
[71] SUN, XINBO, US
[71] JOHNSTON, SIMON, US
[85] 2016-10-27
[86] 2015-05-04 (PCT/US2015/029087)
[87] (WO2015/171514)
[30] US (61/988,642) 2014-05-05

[21] **2,947,305**
[13] A1
[51] **Int.Cl. F04B 39/00 (2006.01) F04B 27/04 (2006.01)**
[25] EN
[54] **CONNECTING ROD FOR AN AIR COMPRESSOR**
[54] **BIELLE DESTINEE A UN COMPRESSEUR D'AIR**
[72] HRITZ, JEFFREY, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2016-10-27
[86] 2015-05-11 (PCT/US2015/030123)
[87] (WO2015/172137)
[30] US (61/990,974) 2014-05-09
[30] US (14/705,360) 2015-05-06

[21] **2,947,306**
[13] A1
[51] **Int.Cl. F04B 39/06 (2006.01) F04B 35/00 (2006.01) F04B 39/08 (2006.01)**
[25] EN
[54] **OIL-FREE COMPRESSOR CRANKCASE COOLING ARRANGEMENT**
[54] **AGENCEMENT DE REFROIDISSEMENT DE CARTER DE COMPRESSEUR SANS HUILE**
[72] HRITZ, JEFFREY, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2016-10-27
[86] 2015-05-11 (PCT/US2015/030154)
[87] (WO2015/172145)
[30] US (61/990,934) 2014-05-09
[30] US (14/705,319) 2015-05-06

[21] **2,947,308**
[13] A1
[51] **Int.Cl. A61K 31/455 (2006.01) A61K 9/10 (2006.01) A61K 9/127 (2006.01) A61P 3/06 (2006.01)**
[25] EN
[54] **NIACIN FORMULATION**
[54] **FORMULATION DE NIACINE**
[72] MULET, XAVIER, AU
[72] SZTO, GREGORY YU FOO, AU
[72] KANNAR, DAVID, AU
[71] ZEENAR ENTERPRISES PTY LTD, AU
[85] 2016-10-28
[86] 2014-05-09 (PCT/AU2014/050032)
[87] (WO2014/179845)
[30] AU (2013901647) 2013-05-09
[30] AU (2013903276) 2013-08-28

[21] **2,947,309**
[13] A1
[51] **Int.Cl. C12N 7/00 (2006.01) A01K 67/027 (2006.01) A61K 49/00 (2006.01) C07K 14/47 (2006.01) C07K 14/505 (2006.01) C07K 14/52 (2006.01) C07K 14/535 (2006.01) C07K 14/54 (2006.01) C07K 14/715 (2006.01) C12N 9/00 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED NON-HUMAN ANIMALS EXPRESSING HUMAN EPO**
[54] **ANIMAUX NON HUMAINS GENETIQUEMENT MODIFIES EXPRIMANT L'EPO HUMAINE**
[72] MURPHY, ANDREW J., US
[72] STEVENS, SEAN, US
[72] FLAVELL, RICHARD, US
[72] MANZ, MARKUS, CH
[72] SHAN, LIANG, US
[71] REGENERON PHARMACEUTICALS, INC., US
[71] YALE UNIVERSITY, US
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB), CH
[85] 2016-10-27
[86] 2015-05-18 (PCT/US2015/031429)
[87] (WO2015/179317)
[30] US (62/000,460) 2014-05-19

[21] **2,947,310**
[13] A1
[51] **Int.Cl. A61K 51/12 (2006.01) A61N 5/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING RENAL CELL CARCINOMA**
[54] **METHODE DE TRAITEMENT DU CARCINOME DES CELLULES RENALES**
[72] CADE, DAVID, AU
[71] SIRTEX MEDICAL LIMITED, AU
[85] 2016-10-28
[86] 2015-05-07 (PCT/AU2015/000268)
[87] (WO2015/168726)
[30] AU (2014901697) 2014-05-08

[21] **2,947,311**
[13] A1
[51] **Int.Cl. F16K 31/12 (2006.01) F16K 3/32 (2006.01) F16K 31/16 (2006.01) F16K 31/52 (2006.01)**
[25] EN
[54] **ROTARY STEPPING ACTUATOR FOR VALVE**
[54] **ACTIONNEUR PAS A PAS ROTATIF POUR VANNE**
[72] BOHAYCHUK, LARRY J., CA
[71] MASTER FLO VALVE INC., CA
[85] 2016-10-28
[86] 2015-05-01 (PCT/CA2015/000278)
[87] (WO2015/164947)
[30] US (61/988,036) 2014-05-02

[21] **2,947,312**
[13] A1
[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING AIRCRAFT INDUCED WAKE TURBULENCE**
[54] **PROCEDE ET SYSTEME DE DETECTION DE TURBULENCE DE SILLAGE PROVOQUEE PAR UN AERONEF**
[72] MARTIN, ANDREW LOUIS, AU
[71] WINDBIDCO PTY LTD, AU
[85] 2016-10-28
[86] 2015-04-21 (PCT/AU2015/000238)
[87] (WO2015/164905)
[30] AU (2014901525) 2014-04-28

[21] **2,947,314**
[13] A1
[51] **Int.Cl. E21B 19/24 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **COLLAR SWAGING OF SINGLE-PIECE CENTRALIZERS**
[54] **ESTAMPAGE DE COLLIER DE CENTREURS D'UNE SEULE PIECE**
[72] RIBBLE, GEORGE W., US
[72] BETIK, MICHAEL L., US
[72] STEWART, DAVID HARRIS, US
[72] MILLER, EUGENE EDWARD, US
[71] ANTELOPE OIL TOOL & MFG. CO., LLC, US
[85] 2016-10-27
[86] 2015-05-06 (PCT/US2015/029462)
[87] (WO2015/171758)
[30] US (61/989,699) 2014-05-07
[30] US (62/012,129) 2014-06-13

[21] **2,947,316**
[13] A1
[51] **Int.Cl. B29C 49/42 (2006.01)**
[25] EN
[54] **PRESSURE CHAMBER FOR BLOWN FILM EXTRUSION**
[54] **CHAMBRE SOUS PRESSION POUR L'EXTRUSION DE FEUILLE SOUFFLEE**
[72] WYBENGA, WILLIAM, CA
[71] BRAMPTON ENGINEERING INC., CA
[85] 2016-10-28
[86] 2015-05-13 (PCT/CA2015/000305)
[87] (WO2015/172226)
[30] US (61/992,529) 2014-05-13

[21] **2,947,319**
[13] A1
[51] **Int.Cl. A45D 33/00 (2006.01) A45D 33/22 (2006.01) A45D 33/26 (2006.01)**
[25] EN
[54] **PORTABLE MAKEUP PORTFOLIO**
[54] **MALLETTE DE MAQUILLAGE PORTATIVE**
[72] OLYNYK, NYLA MANSFIELD, CA
[71] OLYNYK, NYLA MANSFIELD, CA
[85] 2016-10-28
[86] 2016-02-04 (PCT/CA2016/050100)
[87] (WO2016/123712)
[30] US (62/111,792) 2015-02-04

[21] **2,947,320**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 5/078 (2010.01) G06F 19/22 (2011.01) C07K 14/705 (2006.01) C12Q 1/00 (2006.01) C40B 20/00 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR DETERMINING LYMPHOCYTE RECEPTOR CHAIN PAIRS**
[54] **PROCEDES PERMETTANT DE DETERMINER DES PAIRES DE CHAINES DES RECEPTEURS DE LYMPHOCYTES**
[72] HANSEN, CARL LARS GENGHIS, CA
[72] MEWIS, GEORGIA ELIZABETH, CA
[72] HEYRIES, KEVIN ALBERT, CA
[72] DA COSTA, DANIEL JAY, CA
[72] RICICOVA, MARKETA, CA
[72] VANINSBERGHE, MICHAEL ANDREW, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2016-10-28
[86] 2015-05-22 (PCT/CA2015/000328)
[87] (WO2015/176162)
[30] US (62/002,152) 2014-05-22

[21] **2,947,321**
[13] A1
[51] **Int.Cl. F28F 9/00 (2006.01) F02M 31/20 (2006.01) F28D 1/06 (2006.01) F28F 9/24 (2006.01) F28F 13/06 (2006.01)**
[25] EN
[54] **MANIFOLD STRUCTURE FOR RE-DIRECTING A FLUID STREAM**
[54] **STRUCTURE DE COLLECTEUR PERMETTANT DE REDIRIGER UN COURANT DE FLUIDE**
[72] BUCKRELL, ANDREW, CA
[72] GERGES, IHAB EDWARD, CA
[72] KENNEY, BENJAMIN A., CA
[71] DANA CANADA CORPORATION, CA
[85] 2016-10-28
[86] 2015-05-01 (PCT/CA2015/050372)
[87] (WO2015/164977)
[30] US (61/987,570) 2014-05-02

[21] **2,947,324**
[13] A1
[51] **Int.Cl. H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISCRIMINATING BETWEEN VOICE SIGNALS**
[54] **PROCEDE ET APPAREIL DE DIFFERENCIATION DE SIGNAUX VOCAUX**
[72] HAN, JIAN, CN
[72] CARTER, CHARLES H., US
[72] CORRETJER, JESUS F., US
[72] DUAN, MENG-GE, CN
[72] GAO, YI, CN
[72] TAN, CHEAH HENG, MY
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-28
[86] 2014-04-30 (PCT/CN2014/076598)
[87] (WO2015/165076)

[21] **2,947,325**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **PROTOCOL TYPE IDENTIFICATION METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF D'IDENTIFICATION D'UN TYPE DE PROTOCOLE**
[72] PAN, NENGYI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-28
[86] 2015-02-09 (PCT/CN2015/072529)
[87] (WO2015/165296)
[30] CN (201410177705.0) 2014-04-29

[21] **2,947,326**
[13] A1
[51] **Int.Cl. E04B 1/348 (2006.01) E04B 1/343 (2006.01) E04B 1/35 (2006.01) E04B 1/38 (2006.01) E04C 5/16 (2006.01) F16B 7/00 (2006.01) F16S 3/04 (2006.01)**
[25] EN
[54] **STRUCTURAL MODULAR BUILDING CONNECTOR**
[54] **RACCORD MODULAIRE STRUCTURAL DE CONSTRUCTION**
[72] BOWRON, JULIAN, CA
[71] BOWRON, JULIAN, CA
[85] 2016-10-28
[86] 2015-04-30 (PCT/CA2015/050369)
[87] (WO2015/164975)
[30] US (61/986,438) 2014-04-30

[21] **2,947,327**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/01 (2012.01)**
[25] EN
[54] **METHOD FOR DEPLOYING A RETRIEVABLE MWD TOOL IN A NON-RETRIEVABLE ENVIRONMENT**
[54] **PROCEDE PERMETTANT D'ALIGNER UN OUTIL DE OUTIL DE MESURE EN COURS DE FORAGE A L'AIDE D'UN ENSEMBLE DISPOSITIF DE SUSPENSION D'ORIENTATION**
[72] MACDONALD, CRAIG, US
[72] MILLER, MARK, US
[71] GE ENERGY OIL FIELD TECHNOLOGY, INC., US
[85] 2016-10-27
[86] 2015-05-01 (PCT/US2015/028716)
[87] (WO2015/171444)
[30] US (14/271,059) 2014-05-06

[21] **2,947,329**
[13] A1
[51] **Int.Cl. C07C 271/28 (2006.01) A61K 31/167 (2006.01) A61K 31/17 (2006.01) A61K 31/27 (2006.01) A61K 31/277 (2006.01) A61K 31/341 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 25/08 (2006.01) A61P 25/28 (2006.01) C07C 231/02 (2006.01) C07C 233/62 (2006.01) C07C 235/16 (2006.01) C07C 235/74 (2006.01) C07C 237/04 (2006.01) C07C 237/22 (2006.01) C07C 269/04 (2006.01) C07C 269/06 (2006.01) C07C 273/18 (2006.01) C07C 275/64 (2006.01) C07C 333/08 (2006.01) C07D 307/24 (2006.01)**
[25] EN
[54] **A NOVEL KCNQ POTASSIUM CHANNEL AGONIST, THE PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **NOUVEL AGONISTE DES CANAUX POTASSIQUES KCNQ, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] NAN, FAJUN, CN
[72] LI, MIN, CN
[72] GAO, ZHAOBING, CN
[72] ZHANG, YANGMING, CN
[72] HU, HAINING, CN
[72] XU, HAIYAN, CN
[72] LIU, HUANAN, CN
[72] PI, XIAOPING, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2016-10-28
[86] 2015-04-22 (PCT/CN2015/077216)
[87] (WO2015/165352)
[30] CN (201410175315.X) 2014-04-28

[21] **2,947,338**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 1/04 (2006.01) A61P 1/16 (2006.01) A61P 3/10 (2006.01) A61P 5/20 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01) A61P 21/04 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/00 (2006.01) A61P 37/02 (2006.01) C07C 43/29 (2006.01) C07C 45/29 (2006.01) C07C 49/813 (2006.01) C07C 303/38 (2006.01) C07C 311/08 (2006.01) C07D 213/81 (2006.01) C07D 215/22 (2006.01) C07D 215/233 (2006.01) C07D 239/34 (2006.01) C07D 519/00 (2006.01) C07F 5/04 (2006.01)**
[25] EN
[54] **MULTI-FLUORO-SUBSTITUTED COMPOUND AS BRUTON'S TYROSINE KINASE (BTK) INHIBITOR**
[54] **COMPOSES POLYFLUORES AGISSANT EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] HE, WEI, CN
[71] ZHEJIANG DTRM BIOPHARMA CO., LTD., CN
[85] 2016-10-28
[86] 2015-04-27 (PCT/CN2015/000290)
[87] (WO2015/165279)
[30] CN (201410175783.7) 2014-04-29

[21] **2,947,342**
[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **TOOTH AND ADAPTOR FOR ATTACHMENT OF THE TOOTH TO A WORKING MACHINE**
[54] **DENT ET ADAPTATEUR POUR FIXATION DE LA DENT A UNE MACHINE DE TRAVAIL**
[72] PEREZ SORIA, FRANCISCO, ES
[72] SANCHEZ GUISADO, FERMIN, ES
[72] ROL CORREDOR, JAVIER, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[71] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
[85] 2016-10-28
[86] 2014-04-29 (PCT/EP2014/058694)
[87] (WO2015/165504)
[30] EP (14382157.7) 2014-04-28

[21] **2,947,358**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **BIOMARKER DIRECTED MULTI-TARGET IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE MULTI-CIBLES DIRIGEE CONTRE UN BIOMARQUEUR**
[72] PETIT, ROBERT, US
[71] ADVAXIS, INC., US
[85] 2016-08-16
[86] 2015-02-18 (PCT/US2015/016348)
[87] (WO2015/126921)
[30] US (61/941,072) 2014-02-18

[21] **2,947,360**
[13] A1
[51] **Int.Cl. G10L 19/02 (2013.01) G10L 19/04 (2013.01)**
[25] EN
[54] **AUDIO CODING METHOD AND RELATED APPARATUS**
[54] **PROCEDE DE CODAGE AUDIO ET DISPOSITIF ASSOCIE**
[72] WANG, ZHE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-28
[86] 2014-11-05 (PCT/CN2014/090369)
[87] (WO2015/165233)
[30] CN (201410177838.8) 2014-04-29

[21] **2,947,364**
[13] A1
[51] **Int.Cl. G01V 3/18 (2006.01) E21B 47/00 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **A MAGNETIC INDUCTION SENSOR WITH AN ELECTRO-OPTICAL TRANSDUCER AND RELATED METHODS AND SYSTEMS**
[54] **CAPTEUR A INDUCTION MAGNETIQUE AVEC TRANSDUCTEUR ELECTRO-OPTIQUE ET PROCEDES ET SYSTEMES ASSOCIES**
[72] WILSON, GLENN A., US
[72] MANDVIWALA, TASNEEM A., US
[72] DONDERICI, BURKAY, US
[72] FOUDA, AHMED, US
[72] SAMSON, ETIENNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-27
[86] 2014-05-19 (PCT/US2014/038542)
[87] (WO2015/178876)

[21] **2,947,370**
[13] A1
[51] **Int.Cl. C23C 22/00 (2006.01) C23C 22/08 (2006.01) C23G 1/00 (2006.01) C23G 1/02 (2006.01) C23G 3/00 (2006.01)**
[25] EN
[54] **TREATMENT DEVICE AND TREATMENT METHOD FOR PICKLING AND PHOSPHATING METAL PARTS**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT POUR DECAPER ET PHOSPHATER DES PIECES METALLIQUES**
[72] SCHONBERG, JOACHIM, DE
[71] RIO VERWALTUNGS AG, CH
[85] 2016-10-28
[86] 2015-02-04 (PCT/EP2015/052326)
[87] (WO2015/165600)
[30] DE (10 2014 006 315.1) 2014-04-30

[21] **2,947,371**
[13] A1
[51] **Int.Cl. H04W 12/04 (2009.01) H04W 36/00 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **PROTECTING WLCP MESSAGE EXCHANGE BETWEEN TWAG AND UE**
[54] **PROTECTION D'ECHANGE DE MESSAGES WLCP ENTRE TWAG ET UE**
[72] ROELAND, DINAND, SE
[72] ROMMER, STEFAN, SE
[72] NORRMAN, KARL, SE
[72] LEHTOVIRTA, VESA, FI
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-11-02
[86] 2015-04-15 (PCT/EP2015/058140)
[87] (WO2015/169552)
[30] US (61/988,613) 2014-05-05

[21] **2,947,375**
[13] A1
[51] **Int.Cl. F16B 2/08 (2006.01) F16L 33/02 (2006.01)**
[25] EN
[54] **COMPRESSION RING**
[54] **BAGUE DE SERRAGE**
[72] WIDRIG, MARKUS, CH
[72] MULLER, MANUEL, CH
[71] OETIKER SCHWEIZ AG, CH
[85] 2016-10-28
[86] 2015-02-20 (PCT/EP2015/053619)
[87] (WO2016/045801)
[30] EP (14186647.5) 2014-09-26

[21] **2,947,384**
[13] A1
[51] **Int.Cl. H04R 1/28 (2006.01) H04R 1/10 (2006.01)**
[25] FR
[54] **DEVICE FOR TRANSMITTING SOUNDS FOR INTRA-AURICULAR EARPIECE AND INTRA-AURICULAR EARPIECE**
[54] **DISPOSITIF DE TRANSMISSION DE SONS POUR ECOUTEUR INTRA-AURICULAIRE ET ECOUTEUR INTRA-AURICULAIRE**
[72] DELAMOUR, DOMINIQUE, FR
[71] CHENE, RICHARD, FR
[71] DELAMOUR, DOMINIQUE, FR
[71] MIKLITARIAN, ALAIN, FR
[85] 2016-10-28
[86] 2015-05-04 (PCT/EP2015/059639)
[87] (WO2015/169713)
[30] FR (1454035) 2014-05-05

[21] **2,947,389**
[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **TUBULAR FITTING FOR MEDICAL FLUID LINES**
[54] **RACCORD TUBULAIRE POUR VOIES DE FLUIDE MEDICAL**
[72] GUALA, GIANNI, IT
[71] INDUSTRIE BORLA S.P.A., IT
[85] 2016-10-28
[86] 2014-07-21 (PCT/IB2014/063278)
[87] (WO2015/173612)
[30] IT (TO2014A000371) 2014-05-12

[21] **2,947,390**
[13] A1
[51] **Int.Cl. A01N 37/04 (2006.01) A01N 65/20 (2009.01) A01N 59/00 (2006.01) A01N 63/02 (2006.01) A01P 1/00 (2006.01) A23B 7/154 (2006.01) A61K 35/64 (2015.01) A61L 15/42 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIMICROBIENNES**
[72] PATTON, THOMAS, IE
[72] BRENNAN, JAMES, IE
[72] BARRETT, JOHN REGINALD, IE
[72] STAPLES, IAN, GB
[71] MATOKE HOLDINGS LIMITED, GB
[85] 2016-10-28
[86] 2014-04-30 (PCT/GB2014/051337)
[87] (WO2015/166197)

[21] **2,947,392**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01) A61K 41/00 (2006.01) A61N 5/08 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MULTIWAVELENGTH PHOTODYNAMIC THERAPY**
[54] **APPAREIL ET PROCEDE POUR THERAPIE PHOTODYNAMIQUE A MULTIPLES LONGUEURS D'ONDE**
[72] DUMOULIN-WHITE, ROGER, CA
[72] EMBREE, WAYNE, CA
[72] MANDEL, ARKADY, CA
[71] THERALASE TECHNOLOGIES, INC., CA
[85] 2016-10-28
[86] 2015-04-29 (PCT/IB2015/000597)
[87] (WO2015/166333)
[30] US (61/986,071) 2014-04-29

[21] **2,947,393**
[13] A1
[51] **Int.Cl. H05B 33/02 (2006.01) G02B 3/00 (2006.01) G02B 5/18 (2006.01) H01L 51/50 (2006.01) H05B 33/22 (2006.01)**
[25] EN
[54] **LIGHT EMITTER**
[54] **DISPOSITIF ELECTROLUMINESCENT**
[72] NISHIMURA, SUZUSHI, JP
[72] SHIBANUMA, TOSHIHIKO, JP
[72] TORIYAMA, SHIGETAKA, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
[85] 2016-10-28
[86] 2015-04-24 (PCT/JP2015/062507)
[87] (WO2015/166884)
[30] JP (2014-093051) 2014-04-28

[21] **2,947,396**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 9/19 (2006.01) A61K 47/26 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **LYOPHILIZED FORMULATION OF HGF**
[54] **PREPARATION DE HGF LYOPHILISEE**
[72] OHORI, RYO, JP
[72] HORIE, KANTA, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2016-10-28
[86] 2015-04-24 (PCT/JP2015/062523)
[87] (WO2015/166885)
[30] JP (2014-092888) 2014-04-28

[21] **2,947,397**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING PARTICLES HAVING TWO DIFFERENT PROPERTIES**
[54] **PROCEDES DE PRODUCTION DE PARTICULES AYANT DEUX PROPRIETES DIFFERENTES**
[72] MCDANIEL, CATO R., US
[72] JAMISON, DALE E., US
[72] POBER, KENNETH W., US
[72] YE, XIANGNAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-28
[86] 2014-06-05 (PCT/US2014/041145)
[87] (WO2015/187168)

[21] **2,947,399**
[13] A1
[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **TITANIUM MATERIAL FOR SEPARATOR OF SOLID POLYMER FUEL CELL, SEPARATOR USING SAME, AND SOLID POLYMER FUEL CELL COMPRISING SAME**
[54] **MATIERE EN TITANE POUR SEPARATEUR DE PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE, SEPARATEUR LA COMPRENANT, ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE LE COMPRENANT**
[72] IMAMURA, JUNKO, JP
[72] TOKUNO, KIYONORI, JP
[72] KAGAWA, TAKU, JP
[72] KIMOTO, MASANARI, JP
[72] MASAKI, YASUHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-28
[86] 2015-06-01 (PCT/JP2015/065793)
[87] (WO2015/194356)
[30] JP (2014-123505) 2014-06-16

[21] **2,947,401**
[13] A1
[51] **Int.Cl. G01D 5/32 (2006.01)**
[25] EN
[54] **OPTICAL FIBER SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR A FIBRE OPTIQUE**
[72] KARABACAK, DEVREZ MEHMET, NL
[72] VAN RIEL, PAUL, NL
[72] KNOPPERS, GERMAN ENRIQUE, NL
[72] MEULBLOK, BASTIAAN, NL
[72] FREY, STEVEN R., NL
[71] FUGRO TECHNOLOGY B.V., NL
[85] 2016-10-28
[86] 2015-05-01 (PCT/NL2015/050302)
[87] (WO2015/167340)
[30] NL (1040788) 2014-05-01

[21] **2,947,402**
[13] A1
[51] **Int.Cl. G06F 9/445 (2006.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **METHODS FOR FACILITATING A REMOTE INTERFACE AND DEVICES THEREOF**
[54] **PROCEDES POUR FACILITER UNE INTERFACE A DISTANCE ET DISPOSITIFS ASSOCIES**
[72] SCODA, ENRICO, IT
[71] USABLENET INC., US
[85] 2016-10-28
[86] 2015-04-02 (PCT/US2015/024172)
[87] (WO2015/171228)
[30] US (61/988,639) 2014-05-05

[21] **2,947,403**
[13] A1
[51] **Int.Cl. C23C 2/12 (2006.01) C22C 21/00 (2006.01) C22C 21/02 (2006.01)**
[25] EN
[54] **HOT-DIP AL-BASED ALLOY COATED STEEL SHEET EXCELLENT IN WORKABILITY**
[54] **PLAQUE D'ACIER PLAQUEE D'AL FONDU DOTEE D'UNE EXCEPTIONNELLE APTITUDE AU FACONNAGE**
[72] FURUKAWA, SHINYA, JP
[72] OKAMOTO, JUNICHI, JP
[72] HATTORI, YASUNORI, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2016-10-28
[86] 2014-05-29 (PCT/JP2014/064348)
[87] (WO2015/181936)
[30] JP (2014-108438) 2014-05-26

[21] **2,947,404**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01) C12P 21/08 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **ANTI-MUC1 ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF AND USES THEREOF**
[54] **ANTICORPS ANTI-MUC1 OU FRAGMENT DE LIAISON A L'ANTIGENE DE CE DERNIER ET LEUR UTILISATION**
[72] NISHIMURA, SHINICHIRO, JP
[72] MIYOSHI, RISHO, JP
[72] NARUCHI, KENTARO, JP
[72] TANAKA, MASAKAZU, JP
[72] SATO, MASAHARU, JP
[71] MEDICINAL CHEMISTRY PHARMACEUTICALS, CO., LTD., JP
[85] 2016-10-28
[86] 2015-04-28 (PCT/JP2015/062761)
[87] (WO2015/166934)
[30] JP (2014-092299) 2014-04-28

[21] **2,947,406**
[13] A1
[51] **Int.Cl. H04B 1/38 (2015.01) H04W 76/02 (2009.01)**
[25] EN
[54] **DYNAMIC GATEWAY SELECTION IN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **SELECTION DYNAMIQUE DE PASSERELLE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] JURZAK, PAWEL, PL
[72] DWORAKOWSKI, WALDEMAR K., PL
[72] WARZECHA, TOMASZ MARIUSZ, PL
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-28
[86] 2014-04-29 (PCT/PL2014/000043)
[87] (WO2015/167348)

[21] **2,947,408**
[13] A1
[51] **Int.Cl. B60J 5/06 (2006.01)**
[25] EN
[54] **ARTICULATED GULL WING DOOR**
[54] **PORTE A AILE EN M ARTICULEE**
[72] GREENE, WILLIAM, US
[72] PAULETTI, JOSE, US
[72] GILMOUR, JASON, US
[71] SPINTEK FILTRATION, INC., US
[85] 2016-10-28
[86] 2015-04-10 (PCT/US2015/025344)
[87] (WO2015/167775)
[30] US (14/265,969) 2014-04-30

[21] **2,947,409**
[13] A1
[51] **Int.Cl. H04M 3/51 (2006.01) H04M 3/56 (2006.01)**
[25] EN
[54] **CALL-CENTER TELEPHONE SYSTEM, PRIVACY CALL METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PRIVACY CALL PROGRAM**
[54] **SYSTEME TELEPHONIQUE DE CENTRE D'APPEL, PROCEDE DE COMMUNICATION TELEPHONIQUE PRIVEE, ET SUPPORT LISIBLE PAR ORDINATEUR NON TEMPORAIRE SUR LEQUEL UN PROGRAMME DE COMMUNICATION TELEPHONIQUE PRIVEE A ETE STOCKE**
[72] KOGA, SATOMI, JP
[71] NEC PLATFORMS, LTD., JP
[85] 2016-10-28
[86] 2015-04-09 (PCT/JP2015/002000)
[87] (WO2015/166633)
[30] JP (2014-092475) 2014-04-28

[21] **2,947,410**
[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **FAST VISCOACOUSTIC AND VISCOELASTIC FULL-WAVEFIELD INVERSION**
[54] **INVERSION DE CHAMP D'ONDES COMPLET VISCOACOUSTIQUE ET VISCOELASTIQUE RAPIDE**
[72] DENLI, HUSEYIN, US
[72] KANEVSKY, ALEX, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-10-28
[86] 2015-04-22 (PCT/US2015/027087)
[87] (WO2015/199800)
[30] US (62/013,455) 2014-06-17

[21] **2,947,411**
[13] A1
[51] **Int.Cl. B01D 3/36 (2006.01) C07C 17/38 (2006.01) C07C 17/383 (2006.01)**
[25] EN
[54] **SEPARATION OF R-1233 FROM HYDROGEN FLUORIDE**
[54] **SEPARATION DE R-1233 CONTENU DANS DU FLUORURE D'HYDROGENE**
[72] WISMER, JOHN A., US
[72] CHEN, BENJAMIN BIN, US
[71] ARKEMA INC., US
[85] 2016-10-28
[86] 2015-04-13 (PCT/US2015/025510)
[87] (WO2015/167784)
[30] US (14/264,374) 2014-04-29

[21] **2,947,413**
[13] A1
[51] **Int.Cl. A61B 17/68 (2006.01)**
[25] EN
[54] **DEVICE FOR FACILITATING ARTIFICIAL PROSTHESIS INSTALLATION WITH MEASURED APPLIED PRESSURE AND METHOD THEREFOR**
[54] **DISPOSITIF POUR FACILITER L'INSTALLATION DE PROTHESE ARTIFICIELLE AU MOYEN D'UNE PRESSION APPLIQUEE MESUREE, ET PROCEDE POUR CELUI-CI**
[72] BOYER, JOHN STUART, US
[72] ANDERSON, BRUCE REED, US
[71] BOYER ANDERSON, LLC, US
[85] 2016-10-28
[86] 2015-04-27 (PCT/US2015/027723)
[87] (WO2015/167987)
[30] US (61/985,175) 2014-04-28
[30] US (62/031,946) 2014-08-01
[30] US (14/575,160) 2014-12-18

[21] **2,947,415**
[13] A1
[51] **Int.Cl. C11D 3/386 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR HANDLING POTENTIAL PRION CONTAMINATION**
[54] **COMPOSITIONS ET PROCEDES POUR LA GESTION D'UNE CONTAMINATION POTENTIELLE PAR PRIONS**
[72] FRIEZE, MARCIA A., US
[71] CASE MEDICAL, INC., US
[85] 2016-10-28
[86] 2015-04-17 (PCT/US2015/026401)
[87] (WO2015/167828)
[30] US (61/987,924) 2014-05-02
[30] US (14/689,113) 2015-04-17

[21] **2,947,416**
[13] A1
[51] **Int.Cl. A62B 23/02 (2006.01)**
[25] EN
[54] **FILTERING FACE RESPIRATOR HAVING OPTIMIZED FACIAL FILTER LOCATION**
[54] **RESPIRATEUR FACIAL FILTRANT AYANT UN EMPLACEMENT DE FILTRE FACIAL OPTIMISE**
[72] SABOLIS, ALYSSA WHITNEY, US
[72] WARD, CHRIS, GB
[72] PARHAM, MICHAEL, US
[72] VOSS, ETHAN DAVID, US
[72] WILSON, GRAHAM PETER, GB
[71] SCOTT TECHNOLOGIES, INC., US
[85] 2016-10-28
[86] 2015-04-28 (PCT/US2015/027923)
[87] (WO2015/168077)
[30] US (61/985,291) 2014-04-28

[21] **2,947,419**
[13] A1
[51] **Int.Cl. F41A 9/60 (2006.01)**
[25] EN
[54] **UNIVERSAL FIREARM MOUNTED RECEIVING APPARATUS FOR CASINGS**
[54] **APPAREIL DE RECEPTION UNIVERSEL MONTE SUR UNE ARME A FEU POUR DOUILLES**
[72] ROSENTHAL, JOSEPH, US
[71] ROSENTHAL, JOSEPH, US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028340)
[87] (WO2015/168317)
[30] US (14/267,822) 2014-05-01

[21] **2,947,421**
[13] A1
[51] **Int.Cl. A61K 6/00 (2006.01)**
[25] EN
[54] **ENDODONTIC TREATMENT WITH LONG TERM DRUG DELIVERY SYSTEM**
[54] **TRAITEMENT ENDODONTIQUE AU MOYEN D'UN SYSTEME D'ADMINISTRATION DE MEDICAMENT A LONG TERME**
[72] AMMON, DAN, US
[72] WILKINSON, KEVIN, US
[72] GUTMANN, JAMES L., US
[71] DENTSPLY INTERNATIONAL INC., US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028305)
[87] (WO2015/168292)
[30] US (61/985,659) 2014-04-29

[21] **2,947,422**
[13] A1
[51] **Int.Cl. B64C 27/08 (2006.01) B64C 27/32 (2006.01) B64C 27/68 (2006.01)**
[25] EN
[54] **CLEAN FUEL ELECTRIC MULTIROTOR AIRCRAFT FOR PERSONAL AIR TRANSPORTATION AND MANNED OR UNMANNED OPERATION**
[54] **AERONEF MULTIROTOR ELECTRIQUE A COMBUSTIBLE PROPRE POUR UN TRANSPORT AERIEN DE PERSONNES ET UN FONCTIONNEMENT AVEC PILOTE OU SANS PILOTE**
[72] MORRISON, BRIAN D., US
[71] ALAKAI TECHNOLOGIES CORPORATION, US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028345)
[87] (WO2015/168320)
[30] US (61/987,009) 2014-05-01

[21] **2,947,423**
[13] A1
[51] **Int.Cl. B29C 70/36 (2006.01) B65D 90/02 (2006.01)**
[25] EN
[54] **WASTE AND WATER TANK**
[54] **RESERVOIR D'EAU ET DE DECHETS**
[72] KAVANAUGH, GERRY, CA
[72] WIEBE, JOERG, US
[71] RAMPF COMPOSITE SOLUTIONS INC., CA
[85] 2016-10-27
[86] 2015-04-30 (PCT/CA2015/000288)
[87] (WO2015/164953)
[30] US (61/987,059) 2014-05-01
[30] US (62/111,784) 2015-02-04

[21] **2,947,425**
[13] A1
[51] **Int.Cl. C07C 261/00 (2006.01) C07C 269/00 (2006.01) C07C 277/00 (2006.01) C07C 279/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF CREATINE TRANSPORT AND USES THEREOF**
[54] **INHIBITEURS DE TRANSPORT DE LA CREATINE ET LEURS UTILISATIONS**
[72] MARTINEZ, EDUARDO J., US
[72] TAVAZOIE, SOHAIL F., US
[71] RGENIX, INC., US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028633)
[87] (WO2015/168465)
[30] US (61/986,723) 2014-04-30

[21] **2,947,426**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **MULTIPLEXED SINGLE CELL GENE EXPRESSION ANALYSIS USING TEMPLATE SWITCH AND TAGMENTATION**
[54] **ANALYSE DE L'EXPRESSION DE GENES DE CELLULES ISOLEES MULTIPLEXEES PAR COMMUTATION DE MATRICE ET FRAGMENTATION ET ETIQUETAGE (TAGMENTATION)**
[72] KAPER, FIONA, US
[72] FAN, JIAN-BING, US
[72] SALATHIA, NEERAJ, US
[72] CANN, GORDON M., US
[72] JAMSHIDI, ARASH, US
[72] ARAVANIS, ALEX, US
[71] ILLUMINA, INC, US
[85] 2016-10-28
[86] 2015-04-28 (PCT/US2015/028062)
[87] (WO2015/168161)
[30] US (61/985,983) 2014-04-29
[30] US (61/987,433) 2014-05-01

[21] **2,947,427**
[13] A1
[51] **Int.Cl. H02J 3/38 (2006.01)**
[25] EN
[54] **AUTO-SYNCHRONOUS ISOLATED INLET POWER CONVERTER**
[54] **CONVERTISSEUR DE PUISSANCE D'ENTREE ISOLEE AUTOSYNCHRONE**
[72] ESTES, CHRISTOPHER A., US
[71] SUNCULTURE SOLAR, INC., US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028222)
[87] (WO2015/168244)
[30] US (14/264,891) 2014-04-29

[21] **2,947,429**
[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **HUMANIZED VARIABLE LYMPHOCYTE RECEPTORS (VLR) AND COMPOSITIONS AND USES RELATED THERETO**
[54] **RECEPTEURS VARIABLES HUMANISES DES LYMPHOCYTES (VLR) ET COMPOSITIONS ET UTILISATIONS ASSOCIEES**
[72] HERRIN, BRANTLEY R., US
[72] COOPER, MAX DALE, US
[72] EHRHARDT, RUDOLF, US
[71] EMORY UNIVERSITY, US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028645)
[87] (WO2015/168469)
[30] US (61/987,566) 2014-05-02

[21] **2,947,430**
[13] A1
[51] **Int.Cl. E04D 13/035 (2006.01)**
[25] EN
[54] **SKYLIGHT WITH MANUAL CLOSING FEATURE**
[54] **CHASSIS A TABATIERE A CARACTERISTIQUE DE FERMETURE MANUELLE**
[72] DEUTSCH, NACHMAN, US
[71] DEUTSCH, NACHMAN, US
[85] 2016-10-28
[86] 2015-05-05 (PCT/US2015/029180)
[87] (WO2015/171568)
[30] US (61/988,780) 2014-05-05

[21] **2,947,433**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) G06F 17/30 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **MOBILE COMPUTING SYSTEM WITH USER PREFERRED INTERACTIVE COMPONENTS**
[54] **SYSTEME INFORMATIQUE MOBILE DOTE DE COMPOSANTS INTERACTIFS PREFERES D'UTILISATEUR**
[72] FLYNN, MICHAEL, US
[71] FLYNN, MICHAEL, US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028671)
[87] (WO2015/168485)
[30] US (61/986,175) 2014-04-30
[30] US (62/017,517) 2014-06-26

[21] **2,947,435**
[13] A1
[51] **Int.Cl. H02P 1/00 (2006.01) H02K 3/16 (2006.01) H02K 3/28 (2006.01) H02P 27/00 (2006.01)**
[25] EN
[54] **MOTOR WITH STATOR WINDING TAP AND METHODS FOR STARTING A MOTOR WITH A VARIABLE SPEED DRIVE**
[54] **MOTEUR A PRISE D'ENROULEMENT DE STATOR ET PROCEDES DE DEMARRAGE D'UN MOTEUR A ENTRAINEMENT A VITESSE VARIABLE**
[72] LARA, MARCELO A., US
[71] TMEIC CORPORATION, US
[85] 2016-10-28
[86] 2015-05-06 (PCT/US2015/029340)
[87] (WO2015/171677)
[30] US (14/270,897) 2014-05-06

[21] **2,947,437**
[13] A1
[51] **Int.Cl. F25D 21/02 (2006.01)**
[25] EN
[54] **SENSOR FOR COIL DEFROST IN A REFRIGERATION SYSTEM EVAPORATOR**
[54] **CAPTEUR DE SERPENTIN DE DEGIVRAGE DANS UN EVAPORATEUR DE SYSTEME DE REFRIGERATION**
[72] DEROSIER, GREG, US
[71] EVAPCO, INC., US
[85] 2016-10-28
[86] 2015-05-06 (PCT/US2015/029528)
[87] (WO2015/171809)
[30] US (61/989,080) 2014-05-06
[30] US (14/705,781) 2015-05-06

[21] **2,947,446**
[13] A1
[51] **Int.Cl. B29C 51/14 (2006.01) B29C 49/12 (2006.01) B29C 51/04 (2006.01) B29C 51/06 (2006.01)**
[25] EN
[54] **BLOW MOULDED CONTAINER AND MANUFACTURE THEREOF**
[54] **RECIPIENT MOULE PAR SOUFFLAGE ET SON PROCEDE DE FABRICATION**
[72] CLARKE, PETER REGINALD, GB
[71] GR8 ENGINEERING LIMITED, GB
[85] 2016-10-31
[86] 2015-04-30 (PCT/EP2015/059579)
[87] (WO2015/166077)
[30] GB (1407706.9) 2014-05-01

[21] **2,947,458**
[13] A1
[51] **Int.Cl. C08G 18/10 (2006.01) C08J 9/12 (2006.01) C08L 75/12 (2006.01)**
[25] EN
[54] **FLEXIBLE, OPEN-CELL THERMOSET FOAMS AND BLOWING AGENTS AND METHODS FOR MAKING SAME**
[54] **MOUSSES THERMODURCIES SOUPLES A ALVEOLES OUVERTES, ET AGENTS D'EXPANSION ET LEURS PROCEDES DE FABRICATION**
[72] GROSSMAN, RONALD S., US
[72] MEHTA, PRANAV, IN
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028672)
[87] (WO2015/168486)
[30] US (61/986,460) 2014-04-30
[30] US (62/048,313) 2014-09-10
[30] US (62/054,096) 2014-09-23

[21] **2,947,466**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01)**
[25] EN
[54] **IN VIVO GENE ENGINEERING WITH ADENOVIRAL VECTORS**
[54] **GENIE GENIQUE IN VIVO UTILISANT DES VECTEURS ADENOVIRAUX**
[72] LIEBER, ANDRE, US
[72] PAPAYANNOPOULOU, THALIA, US
[72] RICHTER, MAXIMILIAN, US
[72] SAYDAMINOVA, KAMOLA, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2016-10-28
[86] 2015-05-01 (PCT/US2015/028789)
[87] (WO2015/168547)
[30] US (61/987,340) 2014-05-01

[21] **2,947,472**
[13] A1
[51] **Int.Cl. F21V 7/00 (2006.01) F21V 29/15 (2015.01) F21V 29/56 (2015.01) F21V 29/67 (2015.01) A01G 9/20 (2006.01) F21V 7/08 (2006.01) F21V 17/00 (2006.01) G02B 5/12 (2006.01) F21V 29/10 (2015.01) F21V 29/74 (2015.01) F21V 7/22 (2006.01)**
[25] EN
[54] **MODULAR STEPPED REFLECTOR**
[54] **REFLECTEUR ETAGE MODULAIRE**
[72] JOHNSON, JORDAN, US
[72] KEEN, STEPHEN, US
[72] PEARSON, CHRIS, US
[72] WHITAKER, TODD, US
[71] SURNA, INC., US
[85] 2016-10-28
[86] 2015-05-01 (PCT/US2015/028803)
[87] (WO2015/168559)
[30] US (61/987,905) 2014-05-02
[30] US (62/052,890) 2014-09-19
[30] US (62/078,267) 2014-11-11

[21] **2,947,476**
[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/00 (2006.01) A61B 5/08 (2006.01)**
[25] EN
[54] **MULTISENSOR PHYSIOLOGICAL MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE PHYSIOLOGIQUE A CAPTEURS MULTIPLES**
[72] MAHAJAN, AMAN, US
[72] KAISER, WILLIAM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-28
[86] 2015-05-15 (PCT/US2015/031021)
[87] (WO2015/175904)
[30] US (61/993,876) 2014-05-15

[21] **2,947,477**
[13] A1
[51] **Int.Cl. H01R 31/06 (2006.01) H01R 24/38 (2011.01)**
[25] EN
[54] **INTRINSIC SAFE IN-LINE ADAPTOR WITH INTEGRATED CAPACITIVE BARRIER FOR CONNECTING A WIRELESS MODULE WITH ANTENNA**
[54] **ADAPTATEUR EN LIGNE A SECURITE INTRINSEQUE AVEC BARRIERE CAPACITIVE INTEGREE POUR CONNECTER UN MODULE SANS FIL A UNE ANTENNE**
[72] ARUL, ANTONY, US
[72] RANGARAJULU, GOPALAKRISHNAN, US
[72] MEIJER, BART, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2016-10-28
[86] 2015-05-20 (PCT/US2015/031728)
[87] (WO2015/191261)
[30] US (14/301,550) 2014-06-11

[21] **2,947,479**
[13] A1
[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSESSING ANIMALS CONSIDERING AUSCULTATION AND EVALUATION OF PHYSIOLOGICAL RESPONSES IN VARIOUS ENVIRONMENTS**
[54] **SYSTEME ET PROCEDE POUR EVALUER DES ANIMAUX EN TENANT COMPTE DE L'AUSCULTATION ET DE REPONSES PHYSIOLOGIQUES DANS DIVERS ENVIRONNEMENTS**
[72] BRATTAIN, KURT, US
[71] GEISSLER COMPANIES, LLC, US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028373)
[87] (WO2015/168341)
[30] US (61/985,935) 2014-04-29

[21] **2,947,484**
[13] A1
[51] **Int.Cl. A61K 31/4045 (2006.01)**
[25] EN
[54] **ANTI-HER2 ANTIBODY-MAYTANSINE CONJUGATES AND METHODS OF USE THEREOF**
[54] **CONJUGUES ANTICORPS ANTI-HER2-MAYTANSINE ET METHODES D'UTILISATION DE CEUX-CI**
[72] RABUKA, DAVID, US
[72] ALBERS, AARON EDWARD, US
[72] BARFIELD, ROBYN M., US
[72] DEHART, GREGORY W., US
[72] DRAKE, PENELOPE M., US
[72] KUDIRKA, ROMAS ALVYDAS, US
[72] GAROFALO, ALBERT W., US
[72] MCFARLAND, JESSE M., US
[71] REDWOOD BIOSCIENCE, INC., US
[85] 2016-10-28
[86] 2015-05-27 (PCT/US2015/032746)
[87] (WO2015/187428)
[30] US (62/008,980) 2014-06-06

[21] **2,947,485**
[13] A1
[51] **Int.Cl. H04N 21/4363 (2011.01) H04N 21/235 (2011.01)**
[25] EN
[54] **METHOD FOR ENCAPSULATING AUDIOVISUAL CONTENT STREAMS IN MPEG2 PRIVATE SECTIONS, DEVICE FOR ENCAPSULATING AUDIOVISUAL CONTENT IN MPEG2 PRIVATE SECTIONS TO BE MULTIPLEXED IN A MPEG2 TRANSPORT STREAM; INTERACTIVE APPLICATION FOR DIGITAL TV; USER DEVICE; METHOD FOR TRANSMISSION OF AUDIOVISUAL CONTENT AND/OR DATA AND COMMUNICATION PROTOCOL FOR DATA NETWORKS**
[54] **PROCEDE ET DISPOSITIF POUR ENCAPSULER DES FLUX DE CONTENU AUDIOVISUEL DANS DES SECTIONS PRIVEES MPEG2, PROTOCOLE DE COMMUNICATION SUR RESEAUX POUR RESEAUX LOCAUX BASES SUR IP, APPLICATION INTERACTIVE POUR TV NUMERIQUE, DISPOSITIF D'UTILISATEUR CONTENANT DES APPLICATIONS ET PROCEDE DE TRANSMISSION DE CONTENU AUDIOVISUEL ET DE DONNEES**
[72] DE BRITTO, DAVID ESTEVAM, BR
[72] PERRONE, HERNAN RAFAEL, BR
[72] COUTINHO CORREIA, FLAVIO AUGUSTO, BR
[72] DE PAULA CAMPELO, LUIZ DAVID SALES, BR
[72] RIEIRO ALVES, ROBERTO, BR
[71] TQTVD SOFTWARE LTDA, BR
[85] 2016-10-31
[86] 2015-05-08 (PCT/BR2015/050055)
[87] (WO2015/168766)
[30] BR (BR1020140112634) 2014-05-09

[21] **2,947,486**
[13] A1
[51] **Int.Cl. A61K 31/4422 (2006.01)**
[25] EN
[54] **CLEVIDIPINE NANOPARTICLES AND PHARMACEUTICAL COMPOSITIONS THEREOF**
[54] **NANOPARTICULES DE CLEVIDIPINE ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] MOTHERAM, RAJESHWAR, US
[72] HANLEY, DAVID C., SR., US
[72] TURELI, AKIF EMRE, DE
[72] KANTER, MONIKA, DE
[71] THE MEDICINES COMPANY, US
[85] 2016-10-28
[86] 2015-05-19 (PCT/US2015/031470)
[87] (WO2015/179334)
[30] US (62/000,119) 2014-05-19

[21] **2,947,489**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/38 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **SYNTAC POLYPEPTIDES AND USES THEREOF**
[54] **POLYPEPTIDES SYNTAC ET LEURS UTILISATIONS**
[72] SEIDEL, RONALD D., III, US
[72] CHAPARRO, RODOLFO J., US
[72] HILLERICH, BRANDAN S., US
[72] GARFORTH, SCOTT J., US
[72] ALMO, STEVEN C., US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
[85] 2016-10-28
[86] 2015-06-15 (PCT/US2015/035777)
[87] (WO2015/195531)
[30] US (62/013,715) 2014-06-18

[21] **2,947,491**
[13] A1
[51] **Int.Cl. G01N 33/02 (2006.01) G01N 21/64 (2006.01) G01N 27/02 (2006.01) G05B 7/00 (2006.01)**
[25] EN
[54] **PRODUCT YIELD LOSS MANAGEMENT**
[54] **GESTION DE LA PERTE DE RENDEMENT DE PRODUIT**
[72] FERNHOLZ, PETER J., US
[72] ERICKSON, ANTHONY, US
[72] BANKS, RODNEY H., US
[71] ECOLAB USA INC., US
[85] 2016-10-28
[86] 2015-05-19 (PCT/US2015/031597)
[87] (WO2015/179413)
[30] US (14/283,785) 2014-05-21

[21] **2,947,492**
[13] A1
[51] **Int.Cl. F16M 13/04 (2006.01) G06Q 20/30 (2012.01) A45F 5/00 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **IMPROVED SUPPORT FOR A PORTABLE COMPUTER**
[54] **SUPPORT AMELIORE POUR UN ORDINATEUR PORTABLE**
[72] KIELLAND, PETER J., CA
[71] KIELLAND, PETER J., CA
[85] 2016-10-31
[86] 2015-04-30 (PCT/CA2015/000276)
[87] (WO2015/164945)
[30] CA (2,850,596) 2014-05-01
[30] CA (2,853,435) 2014-06-03

[21] **2,947,493**
[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/42 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **AUTOMATIC MACHINE FOR PREPARING COFFEE**
[54] **MACHINE AUTOMATIQUE POUR LA PREPARATION DE CAFE**
[72] LANER, GERHARD, IT
[71] PROCAFFE' S.P.A., IT
[71] LANER, GERHARD, IT
[85] 2016-10-31
[86] 2014-08-08 (PCT/EP2014/067114)
[87] (WO2015/169398)
[30] IT (MI2014A000829) 2014-05-07

[21] **2,947,495**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) H04W 68/02 (2009.01) H04W 88/06 (2009.01) H04W 88/16 (2009.01)**
[25] EN
[54] **POWER OPTIMIZATION FOR NETWORK BASED INTERNET PROTOCOL FLOW MOBILITY**
[54] **OPTIMISATION DE LA CONSOMMATION D'ENERGIE POUR LA MOBILITE DE FLUX DU PROTOCOLE INTERNET A COMMANDE RESEAU**
[72] JAIN, PUNEET K., US
[72] GUPTA, VIVEK, US
[71] INTEL IP CORPORATION, US
[85] 2016-10-28
[86] 2015-06-23 (PCT/US2015/037094)
[87] (WO2015/200263)
[30] US (62/016,534) 2014-06-24

[21] **2,947,498**
[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01) C12Q 1/04 (2006.01) G01N 33/02 (2006.01) G01N 33/14 (2006.01)**
[25] EN
[54] **ENDOSPORE DETECTION USING HYDROPHOBIC COLLECTION MATERIAL**
[54] **DETECTION D'ENDOSPORE A L'AIDE DE MATERIAU DE COLLECTE HYDROPHOBE**
[72] ERICKSON, ANTHONY, US
[72] BLACK, ELAINE PATRICIA, US
[72] BANKS, RODNEY H., US
[72] ORTMANN, NATHAN RICHARD, US
[71] ECOLAB USA INC., US
[85] 2016-10-28
[86] 2015-06-26 (PCT/US2015/038005)
[87] (WO2015/200807)
[30] US (14/315,606) 2014-06-26

[21] **2,947,502**
[13] A1
[51] **Int.Cl. B01J 27/185 (2006.01) B01J 27/00 (2006.01) B01J 27/14 (2006.01) C01B 25/00 (2006.01) C01B 25/08 (2006.01)**
[25] EN
[54] **NANOSCALE NICKEL PHOSPHIDE CATALYSTS FOR HYDROTREATMENT**
[54] **CATALYSEURS DE PHOSPHURE DE NICKEL A L'ECHELLE NANOMETRIQUE POUR HYDROTRAITEMENT**
[72] BUSSELL, MARK E., US
[71] WESTERN WASHINGTON UNIVERSITY, US
[85] 2016-10-28
[86] 2016-04-22 (PCT/US2016/029009)
[87] (WO2016/172603)
[30] US (62/151,890) 2015-04-23

[21] **2,947,509**
[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01) A61K 31/445 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING AND MONITORING THE PRESENCE OF CANCER IN A HUMAN SUBJECT**
[54] **METHODE POUR DIAGNOSTIQUER ET SURVEILLER LA PRESENCE D'UN CANCER CHEZ UN INDIVIDU**
[72] SALINAS MARTIN, MANUEL VICENTE, ES
[71] SERVICIO ANDALUZ DE SALUD, ES
[85] 2016-10-31
[86] 2015-04-28 (PCT/ES2015/070352)
[87] (WO2015/166128)
[30] ES (P201430631) 2014-04-29

[21] **2,947,513**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 9/22 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **PREPARATION OF LIBRARIES OF PROTEIN VARIANTS EXPRESSED IN EUKARYOTIC CELLS AND USE FOR SELECTING BINDING MOLECULES**
[54] **PREPARATION DE BANQUES DE VARIANTS DE PROTENES S'EXPRIMANT DANS DES CELLULES EUCARYOTES ET LEUR UTILISATION EN VUE DE LA SELECTION DE MOLECULES DE LIAISON**
[72] MCCAFFERTY, JOHN, GB
[72] DYSON, MICHAEL, GB
[72] PARTHIBAN, KOTHAI, GB
[71] IONTAS LIMITED, GB
[85] 2016-10-31
[86] 2015-05-01 (PCT/GB2015/051287)
[87] (WO2015/166272)
[30] GB (1407852.1) 2014-05-02

[21] **2,947,515**
[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/10 (2006.01) A61K 9/50 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE LIQUID COMPOSITIONS OF METFORMIN**
[54] **COMPOSITIONS DE METFORMINE LIQUIDES A LIBERATION PROLONGEE**
[72] KUMAR, ASHISH, IN
[72] SHEAR, RAJESH SRIKRISHAN, IN
[72] JAIN, SATISH KUMAR, IN
[72] SINGH, ROMI BARAT, IN
[72] JAIN, PARAS P., IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2016-10-31
[86] 2015-05-01 (PCT/IB2015/053207)
[87] (WO2015/166472)
[30] IN (1182/DEL/2014) 2014-05-01

[21] **2,947,524**
[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01) G09F 9/30 (2006.01)**
[25] EN
[54] **BACK TO BACK ELECTRONIC DISPLAY ASSEMBLY**
[54] **ENSEMBLE D'AFFICHAGE ELECTRONIQUE DOS A DOS**
[72] DUNN, WILLIAM, US
[72] DIAZ, MARCOS, US
[72] AZEVEDO, KYLE, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028461)
[87] (WO2015/168375)
[30] US (61/986,724) 2014-04-30

[21] **2,947,525**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 35/74 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C12N 1/21 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **HETEROGENEOUS POLYPEPTIDE EXPRESSION CASSETTE**
[54] **CASSETTE D'EXPRESSION DE POLYPEPTIDE HETEROGENE**
[72] KOSEKI, KOICHI, JP
[72] MASAKI, TAKESHI, JP
[72] SHIOYA, KOICHIRO, JP
[72] SHIMIZU, HITOMI, JP
[72] TSUKAMOTO, MASAO, JP
[72] KOBAYASHI, SATOSHI, JP
[72] MATSUMURA, TOMIO, JP
[72] SHIMATANI, YUKO, JP
[71] ANAEROPHARMA SCIENCE, INC., JP
[85] 2016-10-31
[86] 2015-04-17 (PCT/JP2015/002132)
[87] (WO2015/166640)
[30] JP (2014-094869) 2014-05-01

[21] **2,947,526**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **EXPEDIENT SYNTHESIS OF SITAGLIPTIN**
[54] **SYNTHESE PRATIQUE DE SITAGLIPTINE**
[72] JANAGANI, SATYANARAYANA, US
[72] THADURI, VENKATESHWAR KUMAR, IN
[72] VAMARAJU, RAVISANKAR, IN
[71] STEREOKEM, INC. (USA), US
[85] 2016-08-04
[86] 2015-02-05 (PCT/US2015/014548)
[87] (WO2015/120111)
[30] US (61/936,291) 2014-02-05

[21] **2,947,528**
[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE SUSPENSION COMPOSITIONS**
[54] **COMPOSITIONS EN SUSPENSION A LIBERATION PROLONGEE**
[72] KUMAR, ASHISH, IN
[72] SHEAR, RAJESH SRIKRISHAN, IN
[72] JAIN, SATISH KUMAR, IN
[72] SINGH, ROMI BARAT, IN
[72] JAIN, PARAS P., IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2016-10-31
[86] 2015-05-01 (PCT/IB2015/053209)
[87] (WO2015/166473)
[30] IN (1183/DEL/2014) 2014-05-01

[21] **2,947,529**
[13] A1
[51] **Int.Cl. C12N 15/00 (2006.01) A61K 35/74 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 1/21 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **ANTIBODY GENE EXPRESSION-SECRETION SYSTEM**
[54] **SYSTEME D'EXPRESSION-SECRETION DE GENE D'ANTICORPS**
[72] TANIGUCHI, SHUN-ICHIRO, JP
[72] AKIYAMA, YASUTO, JP
[72] MASAKI, TAKESHI, JP
[72] SHIMIZU, HITOMI, JP
[71] SHINSHU UNIVERSITY, JP
[85] 2016-10-31
[86] 2015-04-17 (PCT/JP2015/002133)
[87] (WO2015/166641)
[30] JP (2014-095440) 2014-05-02

[21] **2,947,530**
[13] A1
[51] **Int.Cl. A61B 17/28 (2006.01)**
[25] EN
[54] **SURGICAL GRASPER**
[54] **DISPOSITIF CHIRURGICAL DE SAISIE**
[72] LATHROP, RAY A., US
[71] VANDERBILT UNIVERSTIY, US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028581)
[87] (WO2015/168441)
[30] US (61/986,390) 2014-04-30

[21] **2,947,531**
[13] A1
[51] **Int.Cl. H05B 6/64 (2006.01) H05H 1/46 (2006.01)**
[25] EN
[54] **METHOD FOR THE DENSIFICATION AND SPHEROIDIZATION OF SOLID AND SOLUTION PRECURSOR DROPLETS OF MATERIALS USING PLASMA**
[54] **PROCEDE POUR LA DENSIFICATION ET LA SPHEROIDISATION DE GOUTTELETTES DE PRECURSEUR SOLIDE ET DE SOLUTION DE MATERIAUX A L'AIDE D'UN PLASMA**
[72] HADIDI, KAMAL, US
[72] REDJDAL, MAKHLOUF, US
[71] AMASTAN TECHNOLOGIES LLC, US
[85] 2016-10-31
[86] 2014-05-14 (PCT/US2014/000091)
[87] (WO2015/174949)

[21] **2,947,533**
[13] A1
[51] **Int.Cl. G06T 1/00 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **INTEGRATING EXTERNAL ALGORITHMS INTO A FLEXIBLE FRAMEWORK FOR IMAGING VISUALIZATION DATA**
[54] **INTEGRATION D'ALGORITHMES EXTERNES DANS UN CADRE FLEXIBLE POUR DONNEES DE VISUALISATION D'IMAGERIE**
[72] BIVINS, GERRICK O'RON, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-10-31
[86] 2014-06-03 (PCT/US2014/040721)
[87] (WO2015/187133)

[21] **2,947,534**
[13] A1
[51] **Int.Cl. C25D 3/58 (2006.01) C25D 5/26 (2006.01) C25D 7/00 (2006.01) F16L 15/04 (2006.01)**
[25] EN
[54] **PLATING SOLUTION FOR THREADED CONNECTION FOR PIPE OR TUBE AND PRODUCING METHOD OF THREADED CONNECTION FOR PIPE OR TUBE**
[54] **SOLUTION DE PLACAGE POUR ACCOUPLEMENT FILETE DE TUYAUX ET PROCEDE DE FABRICATION POUR ACCOUPLEMENT FILETE DE TUYAUX**
[72] KIMOTO, MASANARI, JP
[72] ISHII, KAZUYA, JP
[72] GOTO, KUNIO, JP
[72] YAMAMOTO, TATSUYA, JP
[72] OSHIMA, MASAHIRO, JP
[72] NAKAO, SEIICHIRO, JP
[72] YAMAGUCHI, DAISUKE, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-31
[86] 2015-05-15 (PCT/JP2015/002456)
[87] (WO2015/174095)
[30] JP (2014-101795) 2014-05-15

[21] **2,947,535**
[13] A1
[51] **Int.Cl. C25D 3/58 (2006.01) C25D 3/56 (2006.01) C25D 5/26 (2006.01) C25D 7/00 (2006.01) F16L 15/04 (2006.01)**
[25] EN
[54] **PLATING SOLUTION FOR THREADED CONNECTION FOR PIPE OR TUBE AND PRODUCING METHOD OF THREADED CONNECTION FOR PIPE OR TUBE**
[54] **SOLUTION DE PLACAGE POUR RACCORD VISSE ET PROCEDE POUR LA PRODUCTION DE RACCORD VISSE**
[72] KIMOTO, MASANARI, JP
[72] ISHII, KAZUYA, JP
[72] GOTO, KUNIO, JP
[72] YAMAMOTO, TATSUYA, JP
[72] OSHIMA, MASAHIRO, JP
[72] NAKAO, SEIICHIRO, JP
[72] YAMAGUCHI, DAISUKE, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2016-10-31
[86] 2015-05-15 (PCT/JP2015/002460)
[87] (WO2015/174097)
[30] JP (2014-101798) 2014-05-15

[21] **2,947,536**
[13] A1
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPES**
[54] **RACCORD DE TUYAU EN ACIER FILETE**
[72] SUGINO, MASAAKI, JP
[72] GOTO, KUNIO, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-31
[86] 2015-05-26 (PCT/JP2015/002662)
[87] (WO2015/182128)
[30] JP (2014-113084) 2014-05-30

[21] **2,947,537**
[13] A1
[51] **Int.Cl. H04W 72/08 (2009.01)**
[25] EN
[54] **TERMINAL DEVICE, BASE STATION, AND PROGRAM**
[54] **DISPOSITIF TERMINAL, STATION DE BASE ET PROGRAMME**
[72] SATO, MASANORI, JP
[71] SONY CORPORATION, JP
[85] 2016-10-31
[86] 2015-03-23 (PCT/JP2015/058697)
[87] (WO2015/194222)
[30] JP (2014-123973) 2014-06-17

[21] **2,947,539**
[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01) C12N 5/071 (2010.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01)**
[25] EN
[54] **EFFICIENT DELIVERY OF LARGE CARGOS INTO CELLS ON A POROUS SUBSTRATE**
[54] **DISTRIBUTION EFFICACE DE GROS CARGOS A DES CELLULES SUR UN SUBSTRAT POREUX**
[72] WU, TING-HSIANG, US
[72] CHIOU, PEI-YU E., US
[72] TEITELL, MICHAEL A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-31
[86] 2015-03-26 (PCT/US2015/022813)
[87] (WO2015/148842)
[30] US (61/972,145) 2014-03-28

[21] **2,947,540**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A01H 5/00 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12P 19/60 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **NOVEL GLYCOSYLTRANSFERASE GENE AND USE THEREOF**
[54] **NOUVEAU GENE DE GLYCOSYLTRANSFERASE ET SON UTILISATION**
[72] TANAKA, YOSHIKAZU, JP
[72] OKITSU, NAOKO, JP
[72] MATSUI, KEISUKE, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2016-10-31
[86] 2015-05-01 (PCT/JP2015/063140)
[87] (WO2015/167016)
[30] JP (2014-095243) 2014-05-02

[21] **2,947,549**
[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01) H04N 21/439 (2011.01) G06F 13/00 (2006.01) G10K 15/02 (2006.01) G10L 19/00 (2013.01) G11B 20/12 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] HIRABAYASHI, MITSUHIRO, JP
[72] CHINEN, TORU, JP
[72] YAMAMOTO, YUKI, JP
[72] SHI, RUNYU, JP
[71] SONY CORPORATION, JP
[85] 2016-10-31
[86] 2015-05-22 (PCT/JP2015/064673)
[87] (WO2015/182491)
[30] JP (2014-113485) 2014-05-30
[30] JP (2014-117329) 2014-06-06
[30] JP (2014-133131) 2014-06-27
[30] JP (2014-203517) 2014-10-01

[21] **2,947,551**
[13] A1
[51] **Int.Cl. F16K 15/03 (2006.01) F16K 47/02 (2006.01)**
[25] EN
[54] **PARALLEL CYLINDER-TYPE CHECK VALVE**
[54] **CLAPET DE NON-RETOUR DE TYPE CYLINDRE PARALLELE**
[72] YANG, JAI YOUL, KR
[72] OH, JAE WOOK, KR
[72] YANG, JI SUK, KR
[72] YANG, JAE GU, KR
[71] FLOWTECH CO.,LTD., KR
[71] YANG, JAE GU, KR
[85] 2016-10-31
[86] 2014-09-11 (PCT/KR2014/008458)
[87] (WO2015/178544)
[30] KR (10-2014-0059809) 2014-05-19

[21] **2,947,552**
[13] A1
[51] **Int.Cl. C07D 211/06 (2006.01) A61K 31/435 (2006.01) A61K 31/4406 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) C07D 211/02 (2006.01)**
[25] EN
[54] **CYCLOHEXENE DERIVATIVE, PREPARATION METHOD THEREFOR, AND PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING METABOLIC DISEASES, CONTAINING SAME AS ACTIVE INGREDIENT**
[54] **DERIVE DE CYCLOHEXENE, SON PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE POUR PREVENIR OU TRAITER DES MALADIES METABOLIQUES, CONTENANT CELUI-CI COMME PRINCIPE ACTIF**
[72] YANG, JIN, KR
[72] KIM, JINWOONG, KR
[72] LEE, HAN KYU, KR
[72] KIM, JAE HYUN, KR
[72] SON, CHANG MO, KR
[72] LEE, KYU HWAN, KR
[72] HWANG, JEONGUN, KR
[72] CHOI, HYUNG-HO, KR
[72] KIM, DEAHOON, KR
[72] RHEE, JAEKEOL, KR
[71] HYUNDAI PHARM CO., LTD., KR
[85] 2016-10-31
[86] 2015-05-01 (PCT/KR2015/004449)
[87] (WO2015/167309)
[30] KR (10-2014-0053535) 2014-05-02
[30] KR (10-2015-0062119) 2015-04-30

[21] **2,947,572**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 34/02 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **WELLHEAD SAFETY VALVE ASSEMBLY**
[54] **ENSEMBLE SOUPAPE DE SECURITE DE TETE DE PUITS**
[72] LANDRY, HAROLD WAYNE, US
[71] LANDRY, HAROLD WAYNE, US
[85] 2016-10-28
[86] 2015-04-30 (PCT/US2015/028612)
[87] (WO2015/168454)
[30] US (61/986,177) 2014-04-30

[21] **2,947,573**
[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE RESPIRATORY MASK**
[54] **MASQUE RESPIRATOIRE PERSONNALISABLE**
[72] SCHEIRLINCK, ERIK ROBERTUS, NZ
[72] SMITH, DANIEL JOHN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2016-10-31
[86] 2015-05-08 (PCT/NZ2015/050051)
[87] (WO2015/170997)
[30] US (61/991,373) 2014-05-09
[30] US (62/117,370) 2015-02-17

[21] **2,947,576**
[13] A1
[51] **Int.Cl. G01V 1/48 (2006.01) G01V 1/28 (2006.01) G01V 1/30 (2006.01) G01V 1/50 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **ASSESSING A FRACTURE PROPAGATION MODEL BASED ON SEISMIC DATA**
[54] **EVALUATION D'UN MODELE DE PROPAGATION DE FRACTURE SUR LA BASE DE DONNEES SISMIQUES**
[72] WALTERS, HAROLD GRAYSON, US
[72] RANJAN, PRIYESH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-31
[86] 2014-06-04 (PCT/US2014/040808)
[87] (WO2015/187137)

[21] **2,947,581**
[13] A1
[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/00 (2012.01) G01V 1/48 (2006.01)**
[25] EN
[54] **ANALYZING GEOMECHANICAL PROPERTIES OF SUBTERRANEAN ROCK BASED ON SEISMIC DATA**
[54] **ANALYSE DES PROPRIETES GEOMECANIQUES D'UNE ROCHE SOUTERRAINE SUR LA BASE DE DONNEES SISMIQUES**
[72] WALTERS, HAROLD GRAYSON, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] RANJAN, PRIYESH, US
[72] SMITH, KEN, US
[72] MCCOLPIN, GLENN ROBERT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-10-31
[86] 2014-06-04 (PCT/US2014/040857)
[87] (WO2015/187150)

[21] **2,947,585**
[13] A1
[51] **Int.Cl. B65D 75/00 (2006.01) B65D 75/28 (2006.01) B65D 75/56 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINER**
[54] **RECIPIENT SOUPLE**
[72] WILKES, KENNETH R., US
[72] OLIVEIRA, MARLOS G., BR
[72] FRANCA, MARCOS P., BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-10-31
[86] 2014-08-15 (PCT/US2014/051296)
[87] (WO2015/171172)
[30] US (61/988,591) 2014-05-05

[21] **2,947,586**
[13] A1
[51] **Int.Cl. A47C 27/00 (2006.01) A47C 19/00 (2006.01)**
[25] EN
[54] **MODULAR POD MATTRESS**
[54] **MATELAS A COUSSINET MODULAIRE**
[72] BAKER, ROGER, US
[71] BAKER, ROGER, US
[85] 2016-10-31
[86] 2015-04-29 (PCT/US2015/028226)
[87] (WO2015/168248)
[30] US (14/266,931) 2014-05-01
[30] US (14/699,095) 2015-04-29

[21] **2,947,587**
[13] A1
[51] **Int.Cl. C07K 14/575 (2006.01) A61K 38/17 (2006.01) A61K 38/28 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ISLET AMYLOID POLYPEPTIDES WITH IMPROVED SOLUBILITY**
[54] **POLYPEPTIDES A ILOTS AMYLOIDES PRESENTANT UNE SOLUBILITE AMELIOREE**
[72] RALEIGH, DANIEL, US
[72] WANG, HUI, US
[72] CAO, PING, US
[72] ABEDINI, ANDISHEH, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028683)
[87] (WO2015/168488)
[30] US (61/987,723) 2014-05-02

[21] **2,947,588**
[13] A1
[51] **Int.Cl. E21B 17/046 (2006.01) H01R 24/38 (2011.01) E21B 47/12 (2012.01)**
[25] EN
[54] **MATING CONNECTOR FOR DOWNHOLE TOOL**
[54] **CONNECTEUR D'ACCOUPLEMENT POUR OUTIL DE FOND DE TROU**
[72] DEERE, R. PAUL, US
[72] CHANDOS, DAVID, US
[72] MENDEZ, PATRICK, US
[71] TOLTEQ GROUP, LLC, US
[85] 2016-10-31
[86] 2015-04-29 (PCT/US2015/028294)
[87] (WO2015/171400)
[30] US (61/988,282) 2014-05-04

[21] **2,947,589**
[13] A1
[51] **Int.Cl. G01L 5/00 (2006.01) D21F 3/08 (2006.01) G01M 13/00 (2006.01) G01M 13/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM ASSOCIATED WITH A SENSING ROLL INCLUDING A FIRST SENSOR ARRAY AND A MATING ROLL INCLUDING A SECOND SENSOR ARRAY FOR COLLECTING ROLL DATA**
[54] **PROCEDE ET SYSTEME ASSOCIES A UN ROULEAU DE DETECTION POURVU D'UN PREMIER RESEAU DE CAPTEURS ET A UN ROULEAU DE CONTACT POURVU D'UN DEUXIEME RESEAU DE CAPTEURS POUR LA COLLECTE DE DONNEES DE ROULEAUX**
[72] FIGIEL, KERRY D., US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028693)
[87] (WO2015/168492)
[30] US (14/268,706) 2014-05-02

[21] **2,947,591**
[13] A1
[51] **Int.Cl. G01M 13/00 (2006.01) D21F 3/08 (2006.01) G01L 5/00 (2006.01) G01M 13/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM ASSOCIATED WITH A SENSING ROLL INCLUDING PLURALITIES OF SENSORS AND A MATING ROLL FOR COLLECTING ROLL DATA**
[54] **PROCEDE ET SYSTEME ASSOCIES A UN ROULEAU DE DETECTION COMPRENANT DES PLURALITES DE CAPTEURS ET UN ROULEAU DE COUPLAGE POUR COLLECTER DES DONNEES DE ROULEAU**
[72] FIGIEL, KERRY D., US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028753)
[87] (WO2015/168526)
[30] US (14/268,737) 2014-05-02

[21] **2,947,593**
[13] A1
[51] **Int.Cl. A61K 31/5517 (2006.01)**
[25] EN
[54] **METHOD OF TREATING RESISTANT NON-HODGKIN LYMPHOMA, MEDULLOBLASTOMA, AND/OR ALK+NON-SMALL CELL LUNG CANCER USING THIENOTRIAZOLODIAZEPINE COMPOUNDS**
[54] **METHODE DE TRAITEMENT DE LYMPHOME NON HODGKINIEN RESISTANT, DE MEDULLOBLASTOME ET/OU DE CANCER BRONCHOPULMONAIRE NON A PETITES CELLULES ALK+ A L'AIDE DE COMPOSES DE THIENOTRIAZOLODIAZEPINE**
[72] NOEL, KAY, US
[71] ONCOETHIX GMBH, CH
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028798)
[87] (WO2015/168555)
[30] US (61/987,813) 2014-05-02
[30] US (61/990,459) 2014-05-08
[30] US (61/990,469) 2014-05-08

[21] **2,947,595**
[13] A1
[51] **Int.Cl. A61K 39/015 (2006.01)**
[25] EN
[54] **INFECTIOUS PLASMODIUM SPOROZOITES GROWN IN VITRO**
[54] **SPOROZOITES INFECTIEUX DE PLASMODIUM CULTIVES IN VITRO**
[72] EAPPEN, ABRAHAM G., US
[72] HOFFMAN, STEPHEN L., US
[71] SANARIA INC., US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028890)
[87] (WO2015/168620)
[30] US (61/987,834) 2014-05-02
[30] US (62/016,981) 2014-06-25

[21] **2,947,596**
[13] A1
[51] **Int.Cl. E21B 47/08 (2012.01)**
[25] EN
[54] **CALIPER TOOL WITH IN-SITU TEMPERATURE COMPENSATION**
[54] **OUTIL D'ETRIER AVEC COMPENSATION DE TEMPERATURE IN-SITU**
[72] OHMER, HERVE, US
[72] BECKMAN, MARVIN, US
[72] COLLART, DAVID, US
[72] PENLEY, JASON, US
[72] GARIBAY, JUAN, US
[71] PROBE HOLDINGS, INC., US
[85] 2016-10-31
[86] 2015-05-05 (PCT/US2015/029154)
[87] (WO2015/171546)
[30] US (61/991,073) 2014-05-09
[30] US (14/702,434) 2015-05-01

[21] **2,947,598**
[13] A1
[51] **Int.Cl. E21B 47/047 (2012.01) G01F 23/26 (2006.01)**
[25] EN
[54] **WELL WATER DEPTH MONITOR**
[54] **SURVEILLANCE DE PROFONDEUR D'EAU DE PUITS**
[72] BOURGEOIS, ANDRE EMILE, US
[72] DICOCCO, ENRICO ANTHONY, US
[72] BULLARD, RODHNEY SCOTT, US
[72] WHIPPLE, STEPHEN VINCENT, US
[71] WELLGAUGE, INC., US
[85] 2016-10-31
[86] 2015-05-06 (PCT/US2015/029544)
[87] (WO2015/171820)
[30] US (61/990,183) 2014-05-08

[21] **2,947,601**
[13] A1
[51] **Int.Cl. A61K 31/5517 (2006.01)**
[25] EN
[54] **METHOD OF TREATING ACUTE MYELOID LEUKEMIA AND/OR ACUTE LYMPHOBLASTIC LEUKEMIA USING THIENOTRIAZOLODIAZEPINE COMPOUNDS**
[54] **PROCEDE DE TRAITEMENT DE LEUCEMIE MYELOIDE AIGUE ET/OU DE LEUCEMIE LYMPHOBLASTIQUE AIGUE A L'AIDE DE COMPOSES DE THIENOTRIAZOLODIAZEPINE**
[72] NOEL, KAY, US
[72] RIVEIRO, MARIA E., FR
[71] ONCOETHIX GMBH, CH
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028891)
[87] (WO2015/168621)
[30] US (61/987,822) 2014-05-02
[30] US (61/990,465) 2014-05-08
[30] US (62/012,128) 2014-06-13
[30] US (62/012,135) 2014-06-13
[30] US (62/080,804) 2014-11-17
[30] US (62/080,771) 2014-11-17
[30] US (62/086,456) 2014-12-02

[21] **2,947,602**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **METHODS FOR CHARACTERIZING AND TREATING ACUTE MYELOID LEUKEMIA**
[54] **PROCEDES DE CARACTERISATION ET DE TRAITEMENT DE LA LEUCEMIE MYELOIDE AIGUE**
[72] WHITEMAN, KATHLEEN R., US
[72] NOORDHUIS, PAUL, NL
[72] KOVTUN, YELENA, US
[72] LUTZ, ROBERT J., US
[72] SCHUURHUIS, GERRIT JAN, NL
[72] WALKER, RUSSELL MARLIN, US
[71] IMMUNOGEN, INC., US
[85] 2016-10-31
[86] 2015-05-19 (PCT/US2015/031580)
[87] (WO2015/179400)
[30] US (62/001,015) 2014-05-20
[30] US (62/011,456) 2014-06-12
[30] US (62/075,715) 2014-11-05

[21] **2,947,603**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **DEMONSTRABLE EFFICACY ACROSS OR WITHIN PATIENT POPULATIONS**
[54] **EFFICACITE DEMONTRABLE A TRAVERS OU A L'INTERIEUR DE POPULATIONS DE PATIENTS**
[72] EDELSON, JONATHAN, US
[71] ANTERIOS, INC., US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028806)
[87] (WO2015/168562)
[30] US (61/987,089) 2014-05-01

[21] **2,947,604**
[13] A1
[25] EN
[54] **COMBINATION THERAPIES TARGETING MITOCHONDRIA FOR CANCER THERAPY**
[54] **POLYTHERAPIES CIBLANT DES MITOCHONDRIES POUR UNE CANCEROTHERAPIE**
[72] ALTIERI, DARIO C., US
[72] GHOSH, JAGADISH C., US
[71] THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028850)
[87] (WO2015/168599)
[30] US (61/987,720) 2014-05-02

[21] **2,947,605**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **CONDITIONALLY ACTIVE BIOLOGICAL PROTEINS**
[54] **PROTEINES BIOLOGIQUES CONDITIONNELLEMENT ACTIVES**
[72] SHORT, JAY M., US
[72] CHANG, HWAI WEN, US
[72] FREY, GERHARD, US
[71] BIOATLA, LLC, US
[85] 2016-10-31
[86] 2015-05-11 (PCT/US2015/030086)
[87] (WO2015/175375)
[30] US (61/992,415) 2014-05-13
[30] US (62/043,080) 2014-08-28
[30] US (62/153,001) 2015-04-27

[21] **2,947,606**
[13] A1
[51] **Int.Cl. F27B 3/08 (2006.01) C22B 1/00 (2006.01) C22B 5/00 (2006.01)**
[25] EN
[54] **ARC FURNACE SMELTERING SYSTEM & METHOD**
[54] **PROCEDE ET SYSTEME DE FUSION DE FOUR A ARC**
[72] CUNNINGHAM, STEPHEN L., US
[72] STUART, MARTIN A., US
[71] CUNNINGHAM, STEPHEN L., US
[85] 2016-10-31
[86] 2015-05-11 (PCT/US2015/030091)
[87] (WO2015/172132)
[30] US (61/990,917) 2014-05-09
[30] US (62/082,287) 2014-11-20

[21] **2,947,608**
[13] A1
[51] **Int.Cl. A01G 31/06 (2006.01)**
[25] EN
[54] **MODULAR HYDROPONIC RACK SYSTEM FOR CROP CULTIVATION AND TRANSPORT**
[54] **SYSTEME A RATELIER HYDROPONIQUE MODULAIRE POUR LA CULTURE ET LE TRANSPORT DE VEGETAUX**
[72] STOREY, NATHANIEL R., US
[71] UNIVERSITY OF WYOMING, US
[85] 2016-10-31
[86] 2015-05-11 (PCT/US2015/030170)
[87] (WO2015/175415)
[30] US (61/991,593) 2014-05-11
[30] US (62/000,138) 2014-05-19

[21] **2,947,609**
[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/10 (2016.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 8/00 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **IMAGE GUIDED AUTONOMOUS NEEDLE INSERTION DEVICE FOR VASCULAR ACCESS**
[54] **DISPOSITIF D'INSERTION D'AIGUILLE AUTONOME GUIDE PAR L'IMAGE PERMETTANT UN ACCES VASCULAIRE**
[72] VON ALLMEN, DANIEL, US
[72] GUTERMAN, HUGO, IL
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[71] B.G. NEGEV TECHNOLOGIES AND APPLICATIONS LTD., IL
[85] 2016-10-31
[86] 2015-05-20 (PCT/US2015/031754)
[87] (WO2015/179505)
[30] US (62/001,035) 2014-05-20

[21] **2,947,610**
[13] A1
[51] **Int.Cl. B67D 1/08 (2006.01) B67D 1/04 (2006.01) B67D 1/12 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER SYSTEM WITH REMOTE INGREDIENTS HANDLING**
[54] **SYSTEME DISTRIBUTEUR DE BOISSON AVEC MANIPULATION A DISTANCE DES INGREDIENTS**
[72] GATIPON, SHAUN B., US
[72] QUARTARONE, DANIEL S., US
[71] THE COCA-COLA COMPANY, US
[85] 2016-10-31
[86] 2015-05-12 (PCT/US2015/030315)
[87] (WO2015/175494)
[30] US (61/991,956) 2014-05-12

[21] **2,947,612**
[13] A1
[51] **Int.Cl. A01C 1/00 (2006.01) A01G 7/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR SEED PREPARATION AND METHOD OF USE**
[54] **SYSTEME POUR LA PREPARATION DE GRAINES ET SON PROCEDE D'UTILISATION**
[72] MCCARTY, DONALD L., II, US
[72] CHENNAREDDY, SIVARAMA R., US
[72] CICAK, TOBY, US
[72] SARRIA, RODRIGO, US
[72] GILLESPIE, DAVID T., US
[72] PARSONS, THOMAS J., US
[72] KALEYTA, SCOTT R., US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-10-31
[86] 2015-05-05 (PCT/US2015/029185)
[87] (WO2015/171573)
[30] US (61/989,275) 2014-05-06

[21] **2,947,615**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SEC23 NUCLEIC ACID MOLECULES THAT CONFER RESISTANCE TO COLEOPTERAN AND HEMIPTERAN PESTS**
[54] **MOLECULES D'ACIDE NUCLEIQUE SEC23 CONFERANT UNE RESISTANCE A DES COLEOPTERES ET A DES HEMIPTERES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] RANGASAMY, MURUGESAN, US
[72] LI, HUARONG, US
[72] SIEGFRIED, BLAIR, US
[72] HKAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2016-10-31
[86] 2015-05-05 (PCT/US2015/029299)
[87] (WO2015/171648)
[30] US (61/989,170) 2014-05-06

[21] **2,947,617**
[13] A1
[51] **Int.Cl. H04W 28/18 (2009.01) H04W 28/06 (2009.01)**
[25] EN
[54] **COMPRESSION CONFIGURATION IDENTIFICATION**
[54] **IDENTIFICATION DE CONFIGURATION DE COMPRESSION**
[72] MIN, ALEXANDER W., US
[72] LIN, GUAN YU, TW
[72] TAI, TSUNG-YUAN C., US
[72] TSAI, JR-SHIAN JAMES, US
[71] INTEL CORPORATION, US
[85] 2016-10-31
[86] 2015-05-22 (PCT/US2015/032273)
[87] (WO2015/199856)
[30] US (14/316,653) 2014-06-26

[21] **2,947,619**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF DISORDERS IN THE FRONT OF THE EYE UTILIZING NUCLEIC ACID MOLECULES**
[54] **METHODES DESTINEES A TRAITER LES TROUBLES AFFECTANT L'AVANT DE L'□IL FAISANT APPEL A DES MOLECULES D'ACIDE NUCLEIQUE**
[72] BYRNE, MICHAEL, US
[72] PAVCO, PAMELA A., US
[72] BULOCK, KAREN G., US
[71] RXI PHARMACEUTICALS CORPORATION, US
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028860)
[87] (WO2015/168605)
[30] US (61/987,418) 2014-05-01

[21] **2,947,622**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 39/00 (2006.01) C07H 21/04 (2006.01) C07K 14/00 (2006.01) C12N 5/00 (2006.01) C12N 15/00 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTION OR TREATMENT OF A DISEASE**
[54] **METHODES ET COMPOSITIONS PHARMACEUTIQUES POUR LA PREVENTION OU LE TRAITEMENT D'UNE MALADIE**
[72] GREGORY, PHILIP D., US
[72] HOLMES, MICHAEL C., US
[71] SANGAMO BIOSCIENCES, INC., US
[85] 2016-10-31
[86] 2015-05-13 (PCT/US2015/030536)
[87] (WO2015/175642)
[30] US (61/992,676) 2014-05-13

[21] **2,947,626**
[13] A1
[51] **Int.Cl. A61B 3/14 (2006.01) A61B 34/00 (2016.01) A61B 90/00 (2016.01) A61B 3/10 (2006.01)**
[25] EN
[54] **OPTICAL COHERENCE TOMOGRAPHY-AUGMENTED SURGICAL INSTRUMENTS AND SYSTEMS AND METHODS FOR CORRECTING UNDESIRED MOVEMENT OF SURGICAL INSTRUMENTS**
[54] **SYSTEMES ET INSTRUMENTS CHIRURGICAUX AVEC TOMOGRAPHIE EN COHERENCE OPTIQUE ET PROCEDES POUR CORRIGER TOUT MOUVEMENT INTEMPESTIF D'INSTRUMENTS CHIRURGICAUX**
[72] YU, LINGFENG, US
[72] REN, HUGANG, US
[71] NOVARTIS AG, CH
[85] 2016-10-31
[86] 2015-07-14 (PCT/US2015/040360)
[87] (WO2016/014289)
[30] US (14/341,752) 2014-07-25

[21] **2,947,628**
[13] A1
[51] **Int.Cl. A61B 3/13 (2006.01) A61B 90/20 (2016.01) A61B 3/14 (2006.01) G02B 21/20 (2006.01) G02B 21/24 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **INCREASED DEPTH OF FIELD MICROSCOPE AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **MICROSCOPE A PROFONDEUR DE CHAMP ACCRUE, ET DISPOSITIFS, SYSTEMES, ET PROCEDES ASSOCIES**
[72] CHARLES, STEVEN T., US
[71] NOVARTIS AG, CH
[85] 2016-10-31
[86] 2015-06-30 (PCT/US2015/038600)
[87] (WO2016/018556)
[30] US (14/444,437) 2014-07-28

[21] **2,947,631**
[13] A1
[51] **Int.Cl. A61K 39/108 (2006.01) A61K 39/00 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **ANTI-MICROBIAL IMMUNOMODULATION**
[54] **IMMUNOMODULATION ANTI-MICROBIENNE**
[72] GUNN, HAROLD DAVID, CA
[72] DHANJI, SALIM, CA
[72] MULLINS, DAVID W., US
[71] QU BIOLOGICS INC., CA
[85] 2016-11-01
[86] 2015-05-01 (PCT/CA2015/050377)
[87] (WO2015/164979)
[30] US (61/988,117) 2014-05-02

[21] **2,947,633**
[13] A1
[51] **Int.Cl. H01L 31/0216 (2014.01) H02S 40/00 (2014.01) C09D 5/00 (2006.01) C09D 151/00 (2006.01)**
[25] EN
[54] **USE OF A COATING COMPOSITION TO COAT THE BACKING FILM OF A PHOTOVOLTAIC MODULE, AND PHOTOVOLTAIC MODULE**
[54] **UTILISATION D'UN AGENT DE REVETEMENT POUR LE REVETEMENT DU FILM DES FACES ARRIERE D'UN MODULE PHOTOVOLTAIQUE ET MODULE PHOTOVOLTAIQUE**
[72] KUES, JAN-BERND, DE
[72] KUSENER, SIMONE, DE
[72] RENNER, SEBASTIAN, DE
[71] BASF COATINGS GMBH, DE
[85] 2016-11-01
[86] 2015-04-23 (PCT/EP2015/058762)
[87] (WO2015/172989)
[30] EP (14168682.4) 2014-05-16

[21] **2,947,634**
[13] A1
[51] **Int.Cl. C12P 7/02 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING ORGANIC COMPOUNDS**
[54] **PROCEDE DE PRODUCTION DE COMPOSES ORGANIQUES**
[72] HAAS, THOMAS, DE
[72] DEMLER, MARTIN, DE
[72] ECKL, EVA-MARIA, DE
[72] BECK, SIMON, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-11-01
[86] 2015-04-20 (PCT/EP2015/058469)
[87] (WO2015/172972)
[30] EP (14168130.4) 2014-05-13

[21] **2,947,637**
[13] A1
[51] **Int.Cl. A61N 2/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATING MULTIPLE TUMORS IN PATIENTS WITH METASTATIC DISEASE BY ELECTRIC FIELDS**
[54] **APPAREIL ET PROCEDE POUR TRAITER DE MULTIPLES TUMEURS CHEZ DES PATIENTS AYANT UNE MALADIE METASTATIQUE PAR DES CHAMPS ELECTRIQUES**
[72] TRAVERS, PETER F., US
[72] WATKINS, KEN, US
[72] VANDERMEY, TIMOTHY, US
[71] LOYALTY BASED INNOVATIONS, LLC, US
[85] 2016-10-31
[86] 2015-07-10 (PCT/US2015/040009)
[87] (WO2016/014264)
[30] US (62/028,996) 2014-07-25

[21] **2,947,640**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CENTROMERE/KINETOCHORE PROTEIN GENES FOR CANCER DIAGNOSIS, PROGNOSIS AND TREATMENT SELECTION**
[54] **GENES DE PROTEINES DE CENTROMERE/KINETOCHORE POUR LA SELECTION DE DIAGNOSTICS, DE PRONOSTICS ET DE TRAITEMENTS DU CANCER**
[72] ZHANG, WEIGUO, US
[72] KARPEN, GARY, US
[72] MAO, JIAN-HUA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-10-31
[86] 2015-05-18 (PCT/US2015/031413)
[87] (WO2015/179312)
[30] US (61/994,838) 2014-05-17

[21] **2,947,652**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **INVENTORY MANAGEMENT**
[54] **GESTION D'INVENTAIRES**
[72] LABUSCHAGNE, ADRIAAN ZACHARIAS ALBERTUS, ZA
[71] FULL FACING (PTY) LTD, ZA
[85] 2016-11-01
[86] 2014-09-22 (PCT/IB2014/064739)
[87] (WO2016/046596)

[21] **2,947,657**
[13] A1
[51] **Int.Cl. C03B 23/203 (2006.01) B23K 26/082 (2014.01) B23K 26/21 (2014.01) B23K 26/00 (2014.01)**
[25] EN
[54] **METHOD FOR FUSING GLASS SUBSTRATES USING LASER BEAM AND LASER PROCESSING APPARATUS**
[54] **PROCEDE DE FUSION DE PLAQUES DE VERRE MEDIEE PAR UN FAISCEAU LASER, ET PROCEDE DE TRAITEMENT PAR LASER**
[72] MIYAZAKI, YUHAN, JP
[72] SASHIMA, TOKUTAKE, JP
[72] YAMAMOTO, KOJI, JP
[72] SHIMIZU, SEIJI, JP
[71] MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD., JP
[85] 2016-11-01
[86] 2015-04-17 (PCT/JP2015/061856)
[87] (WO2015/166823)
[30] JP (2014-094982) 2014-05-02

[21] **2,947,661**
[13] A1
[51] **Int.Cl. G01D 5/32 (2006.01) G01K 11/32 (2006.01) G01M 3/38 (2006.01)**
[25] EN
[54] **FIBRE OPTIC DISTRIBUTED SENSING**
[54] **DETECTION DISTRIBUEE DE FIBRES OPTIQUES**
[72] CRICKMORE, ROGER, GB
[72] RIDGE, ANDREW, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
[85] 2016-11-01
[86] 2015-05-08 (PCT/GB2015/051358)
[87] (WO2015/170114)
[30] GB (1408125.1) 2014-05-08

[21] **2,947,662**
[13] A1
[51] **Int.Cl. G01V 1/00 (2006.01)**
[25] EN
[54] **VIBRATION DETECTION SYSTEM, SIGNAL PROCESSING DEVICE, AND SIGNAL PROCESSING METHOD**
[54] **SYSTEME DE DETECTION DE VIBRATION, DISPOSITIF ET PROCEDE DE TRAITEMENT DE SIGNAL**
[72] TAKANASHI, MAMORU, JP
[72] KATO, AYATO, JP
[72] HASADA, YOKO, JP
[72] KASAHARA, JUNZO, JP
[71] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[71] KASAHARA, JUNZO, JP
[85] 2016-11-01
[86] 2015-05-26 (PCT/JP2015/065110)
[87] (WO2015/182608)
[30] JP (2014-108923) 2014-05-27

[21] **2,947,666**
[13] A1
[51] **Int.Cl. G01N 25/72 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE INSPECTION APPARATUS**
[54] **APPAREIL D'INSPECTION NON DESTRUCTRICE**
[72] INAGAKI, KOICHI, JP
[72] TAKAO, KUNIHIKO, JP
[71] IHI CORPORATION, JP
[71] KEN AUTOMATION, INC., JP
[85] 2016-11-01
[86] 2015-06-17 (PCT/JP2015/067500)
[87] (WO2015/194599)
[30] JP (2014-124497) 2014-06-17

[21] **2,947,667**
[13] A1
[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/81 (2006.01) A61Q 1/06 (2006.01)**
[25] EN
[54] **MATTE COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES MATES**
[72] RUBINSON, EMILY H., US
[71] AVON PRODUCTS, INC., US
[85] 2016-11-01
[86] 2015-02-26 (PCT/US2015/017654)
[87] (WO2015/167659)
[30] US (61/987,291) 2014-05-01

[21] **2,947,668**
[13] A1
[51] **Int.Cl. B21D 37/06 (2006.01) B21D 37/08 (2006.01) B21D 37/18 (2006.01) F16F 1/36 (2006.01) F16F 15/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR MANUFACTURING A TOP MOUNT**
[54] **SYSTEME DE FABRICATION D'UNE MONTURE SUPERIEURE**
[72] CALL, AARON, US
[72] CAMERON, STEPHEN, US
[71] MCS MANUFACTURING, LLC, US
[71] CALL, AARON, US
[71] CAMERON, STEPHEN, US
[85] 2016-11-01
[86] 2014-05-02 (PCT/US2014/036531)
[87] (WO2015/167575)

[21] **2,947,671**
[13] A1
[51] **Int.Cl. F16M 11/00 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE HOLDER WITH REPOSITIONABLE STAND AND SYSTEMS AND METHODS THEREOF**
[54] **PORTE-DISPOSITIF ELECTRONIQUE A PIED REPOSITIONNABLE ET SYSTEMES ET PROCEDES ASSOCIES**
[72] LE GETTE, BRIAN, US
[72] REEB, DAVID, US
[71] ZERO CHROMA, LLC, US
[85] 2016-11-01
[86] 2014-05-05 (PCT/US2014/036806)
[87] (WO2014/179800)
[30] US (13/887,036) 2013-05-03

[21] **2,947,672**
[13] A1
[51] **Int.Cl. B64C 27/26 (2006.01) B64C 5/02 (2006.01) B64C 9/00 (2006.01) B64C 25/00 (2006.01) B64C 27/54 (2006.01) B64C 29/00 (2006.01) B64C 39/02 (2006.01) G05D 1/08 (2006.01)**
[25] EN
[54] **VERTICAL TAKEOFF AND LANDING (VTOL) AIR VEHICLE**
[54] **VEHICULE AERIEN A DECOLLAGE ET ATTERRISSAGE VERTICAUX (ADAV)**
[72] TAYLOR, DANA J., US
[72] TOKUMARU, PHILLIP T., US
[72] HIBBS, BART DEAN, US
[72] PARKS, WILLIAM MARTIN, US
[72] GANZER, DAVID WAYNE, US
[72] FISHER, CHRISTOPHER EUGENE, US
[72] MUKHERJEE, JASON SIDHARTHADEV, US
[72] KING, JOSEPH FREDERICK, US
[71] AEROVIRONMENT, INC., US
[85] 2016-11-01
[86] 2014-05-05 (PCT/US2014/036863)
[87] (WO2015/012935)
[30] US (61/819,487) 2013-05-03

[21] **2,947,674**
[13] A1
[51] **Int.Cl. E21B 49/00 (2006.01) E21B 43/17 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **FRACTURE TREATMENT ANALYSIS BASED ON MULTIPLE-WELLBORE SEISMIC DETECTION**
[54] **ANALYSE DE TRAITEMENT DE FRACTURE SUR LA BASE D'UNE DETECTION SISMIQUE D'UNE PLURALITE DE PUITS DE FORAGE**
[72] MCCOLPIN, GLENN ROBERT, US
[72] WALTERS, HAROLD GRAYSON, US
[72] DUSTERHOFT, RONALD GLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-01
[86] 2014-06-04 (PCT/US2014/040815)
[87] (WO2015/187141)

[21] **2,947,675**
[13] A1
[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/00 (2012.01) G01V 1/48 (2006.01)**
[25] EN
[54] **MONITORING SUBTERRANEAN HYDROCARBON SATURATION USING DISTRIBUTED ACOUSTIC SENSING**
[54] **SURVEILLANCE DE LA SATURATION SOUTERRAINE EN HYDROCARBURES A L'AIDE D'UNE DETECTION ACOUSTIQUE REPARTIE**
[72] RANJAN, PRIYESH, US
[72] SMITH, KEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-01
[86] 2014-06-04 (PCT/US2014/040855)
[87] (WO2015/187149)

[21] **2,947,676**
[13] A1
[51] **Int.Cl. A47L 13/255 (2006.01) A47L 13/24 (2006.01) A47L 13/46 (2006.01) B25G 3/38 (2006.01)**
[25] EN
[54] **CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE**
[72] PULLEN, KENT L., US
[72] ARNSWALD, KENNETH, US
[71] ENVIRONMENTAL SOLUTIONS INTERNATIONAL, US
[85] 2016-11-01
[86] 2014-09-29 (PCT/US2014/058135)
[87] (WO2015/048691)
[30] US (61/884,894) 2013-09-30

[21] **2,947,677**
[13] A1
[51] **Int.Cl. A61K 39/02 (2006.01) C12N 5/07 (2010.01) A61K 39/00 (2006.01) A61K 39/38 (2006.01) C12N 5/16 (2006.01) C12P 21/04 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **COMBINATION IMMUNO THERAPY AND RADIOTHERAPY FOR THE TREATMENT OF HER-2-POSITIVE CANCERS**
[54] **IMMUNOTHERAPIE ET RADIOTHERAPIE COMBINEES POUR LE TRAITEMENT DE CANCERS POSITIFS A HER-2**
[72] PATERSON, YVONNE, US
[72] MASON, NICOLA, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2016-11-01
[86] 2015-04-02 (PCT/US2015/024048)
[87] (WO2015/167748)
[30] US (14/268,436) 2014-05-02
[30] US (62/076,411) 2014-11-06
[30] US (PCT/US2015/017559) 2015-02-25
[30] US (14/669,629) 2015-03-26

[21] **2,947,678**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **COMPRESSIVE SENSING**
[54] **DETECTION DE COMPRESSION**
[72] LI, CHENGBO, US
[72] KAPLAN, SAM T., US
[72] MOSHER, CHARLES C., US
[72] BREWER, JOEL D., US
[72] KEYS, ROBERT G., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2016-11-01
[86] 2014-10-31 (PCT/US2014/063443)
[87] (WO2015/066481)
[30] US (61/898,960) 2013-11-01
[30] US (14/529,690) 2014-10-31

[21] **2,947,679**
[13] A1
[51] **Int.Cl. E21B 23/04 (2006.01) E21B 17/04 (2006.01) E21B 23/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A RESILLIENT SOLID FUEL SOURCE IN A WELLBORE**
[54] **SYSTEME ET PROCEDE POUR LA MISE EN PLACE D'UNE SOURCE DE COMBUSTIBLE SOLIDE RESILIENT DANS UN PUITS DE FORAGE**
[72] CANNON, EDWIN A., US
[72] LOEHR, JOHN D., US
[72] MEYER, KENT S., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-11-01
[86] 2015-04-14 (PCT/US2015/025637)
[87] (WO2015/175127)
[30] US (14/276,482) 2014-05-13

[21] **2,947,680**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 17/00 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPERATING A DEVICE IN A WELLBORE USING SIGNALS GENERATED IN RESPONSE TO STRAIN ON A DOWNHOLE MEMBER**
[54] **APPAREIL ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DANS UN PUITS DE FORAGE A L'AIDE DE SIGNAUX GENERES EN REPONSE A UNE CONTRAINTE SUR UN ELEMENT DE FOND DE PUITS**
[72] RICHARD, BENNETT M., US
[72] JOHNSON, MICHAEL H., US
[72] BARNARD, JASON J., US
[72] WOOD, EDWARD T., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-11-01
[86] 2015-04-14 (PCT/US2015/025641)
[87] (WO2015/175128)
[30] US (14/277,292) 2014-05-14

[21] **2,947,682**
[13] A1
[51] **Int.Cl. C11D 3/48 (2006.01) A01N 59/00 (2006.01)**
[25] EN
[54] **AN ANTIMICROBIAL HAND WASH COMPOSITION**
[54] **COMPOSITION DE LAVAGE DES MAINS ANTIMICROBIENNE**
[72] RODGERS, NANCY D., US
[72] FULS, JANICE L., US
[72] KILLIAN, JESSICA, US
[72] GUERRA, KANANI, US
[71] THE DIAL CORPORATION, US
[85] 2016-11-01
[86] 2015-04-14 (PCT/US2015/025672)
[87] (WO2015/175129)
[30] US (14/279,417) 2014-05-16

[21] **2,947,689**
[13] A1
[51] **Int.Cl. B02C 18/14 (2006.01) B02C 18/22 (2006.01)**
[25] EN
[54] **A PULVERIZING APPARATUS WITH HIGH PROCESSING CAPABILITY AND A METHOD FOR PRODUCING FINE PAPER POWDER**
[54] **BROYEUR A HAUT RENDEMENT, ET PROCEDE DE FABRICATION DE POUDRE FINE DE PAPIER**
[72] MATSUSHITA, TAKAMICHI, JP
[71] ECO RESEARCH INSTITUTE LTD., JP
[85] 2016-11-01
[86] 2015-12-24 (PCT/JP2015/086036)
[87] (WO2016/125413)

[21] **2,947,691**
[13] A1
[51] **Int.Cl. B63B 35/08 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR ICE-BREAKING**
[54] **SYSTEME BRISE-GLACE**
[72] JOHANSSON, BENGT M, CA
[72] LILJESTROM, GORAN, SE
[71] STENA REDERI AB, SE
[85] 2016-11-01
[86] 2015-04-16 (PCT/SE2015/050442)
[87] (WO2015/171042)
[30] SE (1450545-7) 2014-05-08

[21] **2,947,692**
[13] A1
[51] **Int.Cl. G01N 27/00 (2006.01) G01F 23/22 (2006.01) G01N 27/02 (2006.01)**
[25] EN
[54] **SENSOR SYSTEMS FOR MEASURING AN INTERFACE LEVEL IN A MULTI-PHASE FLUID COMPOSITION**
[54] **SYSTEMES DE CAPTEURS DESTINES A MESURER UN NIVEAU D'INTERFACE DANS UNE COMPOSITION DE FLUIDE MULTIPHASE**
[72] SURMAN, CHERYL MARGARET, US
[72] DIERINGER, JON ALBERT, US
[72] POTYRAILO, RADISLAV ALEXANDROVICH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-11-01
[86] 2015-04-24 (PCT/US2015/027482)
[87] (WO2015/167955)
[30] US (61/987,853) 2014-05-02

[21] **2,947,704**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 1/06 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MICROBIAL LYSIS USING PERIODATES**
[54] **PROCEDE ET SYSTEME POUR LA LYSE MICROBIENNE A L'AIDE DE PERIODATES**
[72] BIRNBOIM, H. CHAIM, CA
[72] DE BRUIN, OLLE MAARTEN, CA
[71] DNA GENOTEK INC., CA
[85] 2016-09-29
[86] 2015-04-10 (PCT/CA2015/050292)
[87] (WO2015/154189)
[30] US (61/977,953) 2014-04-10
[30] US (62/014,795) 2014-06-20

[21] **2,947,706**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 21/17 (2006.01) G01N 33/533 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **FLEXIBLE OPTICAL BIOSENSOR FOR POINT OF USE MULTI-PATHOGEN DETECTION**
[54] **BIOCAPTEUR OPTIQUE FLEXIBLE POUR DETECTION DE MULTIPLES PATHOGENES AU POINT D'UTILISATION**
[72] SMITH, JOSEPH, US
[72] CHRISTEN, JENNIFER BLAIN, US
[72] ANDERSON, KAREN, US
[72] KATCHMAN, BENJAMIN, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028734)
[87] (WO2015/168515)
[30] US (61/986,977) 2014-05-01
[30] US (62/127,154) 2015-03-02

[21] **2,947,707**
[13] A1
[51] **Int.Cl. F16B 15/02 (2006.01) F16B 25/00 (2006.01) F16B 35/06 (2006.01) F16B 43/00 (2006.01)**
[25] EN
[54] **COMPRESSION INDENTATION FASTENER DEVICE**
[54] **DISPOSITIF DE FIXATION A INDENTATION ET A COMPRESSION**
[72] DRUMMOND, SCOTT, US
[72] ZIMMERMAN, STEVE, US
[72] WALWORTH, VAN T., US
[71] SR SYSTEMS, LLC, US
[85] 2016-10-28
[86] 2015-06-10 (PCT/US2015/035188)
[87] (WO2015/191770)
[30] US (62/010,163) 2014-06-10
[30] US (62/108,259) 2015-01-27
[30] US (14/735,920) 2015-06-10

[21] **2,947,711**
[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) A61K 33/14 (2006.01)**
[25] EN
[54] **A MODIFIED SINGLE DOSE, MICROPLEGIC APPROACH TO CARDIOPLEGIA FOR THE ADULT HEART**
[54] **APPROCHE MICROPLEGIQUE MONODOSE MODIFIEE DE LA CARDIOPLEGIE DU COEUR ADULTE**
[72] BERRY, CATHERINE E., US
[72] KALIN, CANDICE, US
[71] BERRY, CATHERINE E., US
[71] KALIN, CANDICE, US
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028777)
[87] (WO2015/168540)
[30] US (61/987,083) 2014-05-01
[30] US (61/994,357) 2014-05-16

[21] **2,947,714**
[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **INJECTION MOLDED SCREENING APPARATUSES AND METHODS**
[54] **APPAREILS DE CRIBLAGE MOULES PAR INJECTION ET PROCEDES**
[72] WOJCIECHOWSKI, KEITH F., US
[71] DERRICK CORPORATION, US
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028737)
[87] (WO2015/168516)
[30] US (14/268,101) 2014-05-02

[21] **2,947,720**
[13] A1
[51] **Int.Cl. G01N 21/88 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR WELD MEASUREMENT**
[54] **APPAREIL ET PROCEDES POUR MESURE DE SOUDURE**
[72] HUANG, WEI, US
[72] GLOBIG, MICHAEL, US
[72] SPINELLA, DONALD J., US
[72] VEMURI, K. RAO, US
[71] ALCOA INC., US
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028855)
[87] (WO2015/171459)
[30] US (61/988,641) 2014-05-05

[21] **2,947,730**
[13] A1
[51] **Int.Cl. B63B 21/50 (2006.01) B63B 35/44 (2006.01)**
[25] EN
[54] **BUOYANT TURRET MOORING WITH POROUS TURRET CAGE**
[54] **AMARRAGE DE TOURELLE DE BOUEE A CAGE DE TOURELLE POREUSE**
[72] CARRICO, TODD VINCENT, US
[72] LEVERETTE, STEVEN JOHN, US
[71] SEAHORSE EQUIPMENT CORP, US
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028911)
[87] (WO2015/168632)
[30] US (14/268,866) 2014-05-02

[21] **2,947,732**
[13] A1
[51] **Int.Cl. C12P 21/06 (2006.01) C12N 1/10 (2006.01) C12N 15/00 (2006.01) C40B 30/06 (2006.01)**
[25] EN
[54] **EXPRESSION OF VOLTAGE-GATED ION CHANNELS IN CILIATES**
[54] **EXPRESSION DE CANAUX IONIQUES VOLTAGE-DEPENDANTS CHEZ LES CILIES**
[72] COLUSSI, PAUL, US
[72] PAPOYAN, ASHOT, US
[72] BISHARYAN, YELENA, US
[72] BEDNENKO, JANNA, US
[72] CLARK, THEODORE G., US
[71] TETRAGENETICS, INC., US
[85] 2016-11-01
[86] 2015-05-05 (PCT/US2015/029290)
[87] (WO2015/171643)
[30] US (61/988,647) 2014-05-05
[30] US (62/016,377) 2014-06-24

[21] **2,947,733**
[13] A1
[51] **Int.Cl. A01C 1/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR CUTTING AND PREPARING SEEDS AND METHOD OF USE**
[54] **SYSTEME POUR COUPER ET PREPARER DES GRAINES ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] MCCARTY, DONALD L., II, US
[72] CHENNAREDDY, SIVARAMA R., US
[72] PARSONS, THOMAS J., US
[72] KALEYTA, SCOTT R., US
[72] CICAK, TOBY, US
[72] SARRIA, RODRIGO, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-11-01
[86] 2015-05-05 (PCT/US2015/029186)
[87] (WO2015/171574)
[30] US (61/989,276) 2014-05-06

[21] **2,947,734**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **PROBE WITH OPTOACOUSTIC ISOLATOR**
[54] **SONDE AVEC ISOLATEUR OPTOACOUSTIQUE**
[72] ACKERMAN, WILLIAM, US
[72] HERZOG, DONALD, US
[72] CASAS, JUSTIN, US
[71] SENO MEDICAL INSTRUMENTS, INC., US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/029059)
[87] (WO2015/168687)
[30] US (14/268,915) 2014-05-02

[21] **2,947,735**
[13] A1
[51] **Int.Cl. A23L 3/3571 (2006.01) C05F 9/02 (2006.01) C12M 1/02 (2006.01)**
[25] EN
[54] **NUTRIENT RICH COMPOSITIONS**
[54] **COMPOSITIONS RICHES EN SUBSTANCES NUTRITIVES**
[72] MORASH, DANIEL M., US
[72] LEJEUNE, MARK, US
[71] CAL SAFE SOIL, LLC, US
[85] 2016-11-01
[86] 2015-05-05 (PCT/US2015/029322)
[87] (WO2015/171664)
[30] US (61/988,794) 2014-05-05

[21] **2,947,737**
[13] A1
[51] **Int.Cl. B65D 25/20 (2006.01) B65D 23/14 (2006.01) G09F 3/02 (2006.01) G09F 23/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A BOW LABEL FOR A BEVERAGE CONTAINER**
[54] **SYSTEMES ET PROCEDES POUR ETIQUETTE EN FORME DE NOEUD PAPILLON POUR UN RECIPIENT DE BOISSON**
[72] BOWERS, CHRISTOPHER JAMES, GB
[72] BENTLEY, GREGORY STEVEN, BE
[71] THE COCA-COLA COMPANY, US
[85] 2016-11-01
[86] 2015-05-06 (PCT/US2015/029358)
[87] (WO2015/171686)
[30] US (61/990,304) 2014-05-08

[21] **2,947,738**
[13] A1
[51] **Int.Cl. B01D 53/48 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOVING SULFUR FROM HYDROCARBON FLUIDS**
[54] **SYSTEME ET PROCEDE D'ELIMINATION DU SOUFRE DE FLUIDES D'HYDROCARBURES**
[72] JOHNSON, DAN A., US
[72] WILSON, TOM, US
[71] JOHNSON, DAN A., US
[71] WILSON, TOM, US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/029076)
[87] (WO2015/168691)
[30] US (14/268,382) 2014-05-02

[21] **2,947,740**
[13] A1
[51] **Int.Cl. C05D 9/02 (2006.01)**
[25] EN
[54] **INCREASED LONGEVITY OF NITROGEN CONTENT OF SOIL THROUGH IMPROVED LIQUID DELIVERY FORMULATIONS OF NITRIFICATION INHIBITORS TO FERTILIZERS**
[54] **AUGMENTATION DE LA LONGEVITE DE LA TENEUR EN AZOTE DU SOL GRACE PAR DES FORMULATIONS D'APPORT DE LIQUIDE AMELIOREES D'INHIBITEURS DE NITRIFICATION A DES ENGRAIS**
[72] MCKNIGHT, GARY DAVID, US
[72] RAYBORN, RANDALL LINWOOD, US
[72] PARKER, DAVID BRUCE, US
[72] XU, WEI, US
[72] PERKINS, RAYMOND PATRICK, US
[72] YANG, ZEHUI, CN
[71] MCKNIGHT, GARY DAVID, US
[71] RAYBORN, RANDALL LINWOOD, US
[71] PARKER, DAVID BRUCE, US
[71] XU, WEI, US
[71] PERKINS, RAYMOND PATRICK, US
[71] YANG, ZEHUI, CN
[85] 2016-11-01
[86] 2015-05-02 (PCT/US2015/028961)
[87] (WO2015/168663)
[30] US (61/987,761) 2014-05-02

[21] **2,947,743**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE STABILIZER FOR POLYMER-BASED TREATMENT FLUIDS**
[54] **STABILISATEUR A HAUTE TEMPERATURE POUR FLUIDES DE TRAITEMENT A BASE DE POLYMERE**
[72] LEE, WINGKI, US
[72] MAKARYCHEV-MIKHAILOV, SERGEY, US
[72] CHRISTANTI, YENNY, US
[72] ALI, SYED AFAQ, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-11-01
[86] 2015-05-07 (PCT/US2015/029622)
[87] (WO2015/171857)
[30] US (61/989,819) 2014-05-07

[21] **2,947,744**
[13] A1
[25] EN
[54] **SYSTEM FOR IMAGING AND ORIENTING SEEDS AND METHOD OF USE**
[54] **SYSTEME POUR IMAGER ET ORIENTER DES GRAINES ET PROCEDE D'UTILISATION**
[72] MCCARTY II, DONALD L., US
[72] CHENNAREDDY, SIVARAMA R., US
[72] CICAK, TOBY, US
[72] SARRIA, RODRIGO, US
[72] GILLESPIE, DAVID T., US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-11-01
[86] 2015-05-05 (PCT/US2015/029181)
[87] (WO2015/171569)
[30] US (61/989,266) 2014-05-06

[21] **2,947,745**
[13] A1
[51] **Int.Cl. G01J 1/02 (2006.01)**
[25] EN
[54] **PHOTOCELL RECEPTACLE**
[54] **RECEPTACLE A CELLULE PHOTOELECTRIQUE**
[72] MOSTOLLER, MATTHEW EDWARD, US
[72] DAILY, CHRISTOPHER GEORGE, US
[72] HOWARD, EDWARD JOHN, US
[71] TYCO ELECTRONICS CORPORATION, US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/028983)
[87] (WO2015/171473)
[30] US (14/272,182) 2014-05-07

[21] **2,947,747**
[13] A1
[51] **Int.Cl. G01N 21/76 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/563 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **GRAPHENE-MODIFIED ELECTRODES**
[54] **ELECTRODES MODIFIEES PAR GRAPHENE**
[72] BILLADEAU, MARK, US
[72] FREESE, PAUL, US
[72] KISHBAUGH, ALAN, US
[72] SPIELES, GISBERT, US
[72] FOX-LYON, NICHOLAS, US
[71] MESO SCALE TECHNOLOGIES, LLC., US
[85] 2016-11-01
[86] 2015-05-08 (PCT/US2015/029804)
[87] (WO2015/171971)
[30] US (61/990,839) 2014-05-09

[21] **2,947,752**
[13] A1
[51] **Int.Cl. B65D 85/52 (2006.01)**
[25] EN
[54] **CONSTANT ILLUMINATED, TAMPER-RESISTANT PLANT SHIPPING CONTAINER**
[54] **CONTENANT DE SECURITE CONSTAMMENT ECLAIRE POUR L'EXPEDITION DE PLANTES**
[72] FENNER, LARRY D., US
[71] CLONESHIPPER, LLC, US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/029032)
[87] (WO2015/168678)
[30] US (61/987,969) 2014-05-02
[30] US (14/703,211) 2015-05-04

[21] **2,947,753**
[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01) B60P 1/16 (2006.01) B61D 9/02 (2006.01)**
[25] EN
[54] **AIR-TO-HYDRAULIC FLUID PRESSURE AMPLIFIER**
[54] **AMPLIFICATEUR DE PRESSION DE FLUIDE PNEUMATIQUE-HYDRAULIQUE**
[72] VILLAR, CHRIS, US
[72] WARRINGTON, MATTHEW, US
[71] MONTANA HYDRAULICS, LLC, US
[85] 2016-11-01
[86] 2015-05-06 (PCT/US2015/029386)
[87] (WO2015/171708)
[30] US (61/991,038) 2014-05-09
[30] US (14/700,886) 2015-04-30

[21] **2,947,755**
[13] A1
[51] **Int.Cl. E05B 41/00 (2006.01)**
[25] EN
[54] **STATUS-INDICATING CYLINDRICAL LOCK ASSEMBLY**
[54] **ENSEMBLE DE VERROUILLAGE CYLINDRIQUE A INDICATION D'ETAT**
[72] GOPALAKRISHNAN, SUBBIAH, IN
[72] DAVID, KEVIN EARL, US
[72] BARKER, KENTON HAYES, US
[72] BIEKER, SHELL, US
[72] COMPTON, DANIEL J., US
[72] ROBINSON, BRANDON, US
[72] SOLANKI, SNEHIL, US
[72] HEBNER, GREG, US
[72] MASSEY, BILL, US
[72] TAMER, SAMIR M., US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2016-11-01
[86] 2015-05-04 (PCT/US2015/029035)
[87] (WO2015/168679)
[30] US (61/987,970) 2014-05-02
[30] US (14/702,962) 2015-05-04

[21] **2,947,758**
[13] A1
[51] **Int.Cl. A61B 17/22 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVAL OF BLOOD AND THROMBOTIC MATERIAL**
[54] **SYSTEMES ET PROCEDES POUR L'ELIMINATION DE DEBRIS DE SANG ET DE THROMBUS**
[72] LOOK, DAVID M., US
[72] MALLABY, MARK, US
[71] WALK VASCULAR, LLC, US
[85] 2016-11-01
[86] 2015-05-19 (PCT/US2015/031460)
[87] (WO2015/179329)
[30] US (62/000,448) 2014-05-19
[30] US (14/715,451) 2015-05-18

[21] **2,947,759**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **SELF CLOSING AND OPENING FILLING NEEDLE, NEEDLE HOLDER, FILLER AND METHOD**
[54] **AIGUILLE DE REMPLISSAGE A FERMETURE ET OUVERTURE AUTOMATIQUES, PORTE-AIGUILLE, CHARGE ET PROCEDE**
[72] PY, DANIEL, US
[71] DR. PY INSTITUTE LLC, US
[85] 2016-11-01
[86] 2015-05-09 (PCT/US2015/030044)
[87] (WO2015/175356)
[30] US (61/991,467) 2014-05-10
[30] US (61/991,561) 2014-05-11

[21] **2,947,760**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) A01G 31/00 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SUPPLEMENTATION PRODUCT WITH DELAYED ACTIVATION CONTROL**
[54] **PRODUIT DE SUPPLEMENTATION EN DIOXYDE DE CARBONE AVEC UNE COMMANDE D'ACTIVATION RETARDE**
[72] BABCOCK, GLEN, US
[72] BABCOCK GARRETT, WENDY, US
[71] BABCOCK, GLEN, US
[71] BABCOCK GARRETT, WENDY, US
[85] 2016-11-01
[86] 2015-05-29 (PCT/US2015/033149)
[87] (WO2015/184242)
[30] US (62/005,406) 2014-05-30
[30] US (29/492,375) 2014-05-30

[21] **2,947,761**
[13] A1
[51] **Int.Cl. E21B 33/10 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **EXPANSION LIMITER FOR EXPANDABLE SEAL**
[54] **LIMITEUR D'EXPANSION POUR JOINT EXTENSIBLE**
[72] WILLIAMS, JEFFREY C., US
[72] RONCK, BENJAMIN T., US
[72] HU, ZIPING, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-11-01
[86] 2015-05-11 (PCT/US2015/030149)
[87] (WO2015/175407)
[30] US (14/276,496) 2014-05-13

[21] **2,947,762**
[13] A1
[51] **Int.Cl. H04W 88/08 (2009.01) H04W 72/04 (2009.01) H04B 7/06 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION**
[72] HAN, SEUNGHEE, US
[72] CHOI, GI WAN, US
[72] KWON, HWAN-JOON, US
[72] PAPATHANASSIOU, APOSTOLOS, US
[72] FWU, JONG-KAE, US
[71] INTEL IP CORPORATION, US
[85] 2016-11-01
[86] 2015-05-19 (PCT/US2015/031513)
[87] (WO2015/187357)
[30] US (62/006,729) 2014-06-02
[30] US (14/697,369) 2015-04-27

[21] **2,947,763**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **REAL-TIME MODEL OF STATES OF MONITORED DEVICES**
[54] **MODELE EN TEMPS REEL D'ETATS DE DISPOSITIFS SURVEILLES**
[72] DIEHL, DAVID FREDERICK, US
[72] JACKSON, LEIF AIR FIRE GROSCH, US
[72] PLUSH, JAMES ROBERT, US
[71] CROWDSTRIKE, INC., US
[85] 2016-11-01
[86] 2015-06-01 (PCT/US2015/033551)
[87] (WO2015/187566)
[30] US (14/297,974) 2014-06-06

[21] **2,947,764**
[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **TRAVEL STOP FOR EXPANSION TOOL TO LIMIT STRESS ON A SURROUNDING TUBULAR**
[54] **BUTEE DE COURSE POUR OUTIL D'EXPANSION POUR LIMITER LA CONTRAINTE SUR UN ELEMENT TUBULAIRE ENVIRONNANT**
[72] WILLIAMS, JEFFREY C., US
[72] RONCK, BENJAMIN T., US
[72] HU, ZIPING, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2016-11-01
[86] 2015-05-11 (PCT/US2015/030171)
[87] (WO2015/175416)
[30] US (14/276,496) 2014-05-13
[30] US (14/496,792) 2014-09-25

[21] **2,947,771**
[13] A1
[51] **Int.Cl. G01N 33/566 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **OPTOGENETIC PROBES FOR MEASURING MEMBRANE POTENTIAL**
[54] **SONDES OPTOGENETIQUES POUR MESURER UN POTENTIEL MEMBRANAIRE**
[72] COHEN, ADAM E., US
[72] HOCHBAUM, DANIEL, US
[72] ZOU, PENG, US
[72] FARHI, SAMOUIL LEON, US
[72] CAMPBELL, ROBERT EARL, CA
[72] ZHAO, YONGXIN, CA
[72] HARRISON, DANIEL JED, CA
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2016-11-01
[86] 2015-06-17 (PCT/US2015/036181)
[87] (WO2015/195769)
[30] US (62/013,775) 2014-06-18

[21] **2,947,773**
[13] A1
[51] **Int.Cl. A61B 17/15 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC CUTTING BLOCK AND METHOD OF MANUFACTURING SAME**
[54] **BLOC DE COUPE SPECIFIQUE A UN PATIENT, ET SON PROCEDE DE FABRICATION**
[72] NEUROHR, ANSELM JAKOB, CA
[72] COUTURE, PIERRE, CA
[72] MASSE, VINCENT, CA
[71] ZIMMER, INC., US
[85] 2016-11-01
[86] 2015-06-03 (PCT/US2015/033966)
[87] (WO2015/187822)
[30] US (62/007,124) 2014-06-03

[21] **2,947,774**
[13] A1
[51] **Int.Cl. F25B 39/04 (2006.01) F28D 5/02 (2006.01)**
[25] EN
[54] **IMPROVED EVAPORATIVE CONDENSER**
[54] **CONDENSEUR EVAPORATIF AMELIORE**
[72] VISSER, KLAAS, AU
[71] VISSER, KLAAS, AU
[85] 2016-11-02
[86] 2015-05-13 (PCT/AU2015/000277)
[87] (WO2015/172180)
[30] AU (2014901764) 2014-05-13

[21] **2,947,775**
[13] A1
[51] **Int.Cl. A61L 27/56 (2006.01) C12N 5/077 (2010.01) A61F 2/28 (2006.01) A61K 35/32 (2015.01)**
[25] EN
[54] **STRUCTURAL POROUS BIOMATERIAL AND IMPLANT FORMED OF SAME**
[54] **BIOMATERIAU POREUX DE STRUCTURE ET PROTHESE FORMEE A PARTIR DE CELUI-CI**
[72] PASINI, DAMIANO, CA
[72] TANZER, MICHAEL, CA
[72] ARABNEJAD, SAJAD KHANOKI, CA
[72] JOHNSTON, BURNETT, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2016-11-02
[86] 2015-05-04 (PCT/CA2015/050384)
[87] (WO2015/164982)
[30] US (61/987,950) 2014-05-02

[21] **2,947,777**
[13] A1
[51] **Int.Cl. H01Q 15/16 (2006.01)**
[25] EN
[54] **PARABOLIC ANTENNA WITH SELF-STRUCTURED REFLECTOR**
[54] **ANTENNE PARABOLIQUE AVEC REFLECTEUR AUTO-STRUCTURE**
[72] ABREU, JOAO DO ESPIRITO SANTO, BR
[72] ABREU, JOAO ALEXANDRE DE, BR
[72] HESSLING, MARJORY ANN, BR
[71] ABREU, JOAO DO ESPIRITO SANTO, BR
[71] ABREU, JOAO ALEXANDRE DE, BR
[85] 2016-11-02
[86] 2015-05-29 (PCT/BR2015/000082)
[87] (WO2015/184518)
[30] BR (BR202014013528 1) 2014-06-04

[21] **2,947,778**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **ERBB2 SIGNALING AND NERVE REGENERATION**
[54] **SIGNALISATION ERBB2 ET REGENERATION NERVEUSE**
[72] PLACHETA, EVA, AT
[72] HENDRY, JAMES M., CA
[72] GORDON, TESSA, CA
[72] BORSCHEL, GREGORY H., CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2016-11-02
[86] 2015-05-04 (PCT/CA2015/050500)
[87] (WO2015/164984)
[30] US (61/987,692) 2014-05-02

[21] **2,947,780**
[13] A1
[51] **Int.Cl. H04W 24/02 (2009.01) H04W 76/00 (2009.01)**
[25] EN
[54] **ELECTRONIC APPARATUS IN WIRELESS COMMUNICATION SYSTEM, AND MOBILITY MEASUREMENT METHOD**
[54] **APPAREIL ELECTRONIQUE DANS UN SYSTEME DE COMMUNICATIONS SANS FIL, ET PROCEDE DE MESURE DE MOBILITE**
[72] QIN, ZHONGBIN, CN
[71] SONY CORPORATION, JP
[85] 2016-11-02
[86] 2015-06-05 (PCT/CN2015/080865)
[87] (WO2015/196919)
[30] CN (201410283433.2) 2014-06-23

[21] **2,947,782**
[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01) A61B 5/00 (2006.01) A61F 5/00 (2006.01)**
[25] FR
[54] **IMPLANTABLE OCCLUSION SYSTEM COMPRISING A DEVICE FOR DETECTING ATROPHY OF A NATURAL CONDUIT**
[54] **SYSTEME OCCLUSIF IMPLANTABLE COMPRENANT UN DISPOSITIF DE DETECTION DE L'ATROPHIE D'UN CONDUIT NATUREL**
[72] LAMRAOUI, HAMID, FR
[71] UROMEMS, FR
[85] 2016-11-02
[86] 2014-05-21 (PCT/EP2014/060467)
[87] (WO2014/187870)
[30] FR (1354534) 2013-05-21

[21] **2,947,783**
[13] A1
[51] **Int.Cl. G01M 3/26 (2006.01) A61F 2/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DETECTING A SLOW LEAK IN AN IMPLANTABLE HYDRAULIC OCCLUSION SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNE FUITE LENTE DANS UN SYSTEME OCCLUSIF HYDRAULIQUE IMPLANTABLE**
[72] LAMRAOUI, HAMID, FR
[71] UROMEMS, FR
[85] 2016-11-02
[86] 2014-05-21 (PCT/EP2014/060468)
[87] (WO2014/187871)
[30] FR (1354538) 2013-05-21

[21] **2,947,809**
[13] A1
[51] **Int.Cl. G02B 3/14 (2006.01) G02F 1/13 (2006.01)**
[25] EN
[54] **CONTROL OF DYNAMIC LENSES**
[54] **COMMANDE DE VERRES DYNAMIQUES**
[72] YADIN, YOAV, IL
[72] HADDAD, YARIV, IL
[72] ALON, ALEX, IL
[71] OPTICA AMUKA (A.A.) LTD., IL
[85] 2016-11-02
[86] 2015-05-07 (PCT/IB2015/053335)
[87] (WO2015/186010)
[30] US (62/007,948) 2014-06-05
[30] US (62/010,475) 2014-06-11

[21] **2,947,811**
[13] A1
[51] **Int.Cl. F16L 3/137 (2006.01)**
[25] EN
[54] **A MULTI-FIT CLIP**
[54] **ATTACHE A AJUSTEMENT REGLABLE**
[72] SUMNER, MICHAEL JOHN, NZ
[72] GIURGIU, GABRIEL IOAN, NZ
[72] HAYNES, ANDREW LEO, NZ
[72] MORROW, CHRISTOPHER CHARLES, NZ
[71] LAKE PRODUCTS LIMITED, NZ
[85] 2016-11-02
[86] 2015-06-19 (PCT/IB2015/054610)
[87] (WO2015/193841)
[30] NZ (626526) 2014-06-20

[21] **2,947,817**
[13] A1
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES RELATING TO REAL-TIME OBJECT IDENTIFICATION**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS CONCERNANT L'IDENTIFICATION D'OBJETS EN TEMPS REEL**
[72] REES, STEVEN, AU
[71] HORTICULTURE INNOVATION AUSTRALIA LIMITED, AU
[71] UNIVERSITY OF SOUTHERN QUEENSLAND, AU
[85] 2016-11-02
[86] 2015-05-05 (PCT/IB2015/001604)
[87] (WO2015/181642)
[30] US (61/988,541) 2014-05-05

[21] **2,947,821**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61F 2/01 (2006.01)**
[25] EN
[54] **ENDOVASCULAR TREATMENT ASSISTANCE TOOL**
[54] **OUTIL D'ASSISTANCE AU TRAITEMENT ENDOVASCULAIRE**
[72] INOUE, KANJI, JP
[72] YAGI, TAKAHIRO, JP
[72] FUJITA, MASAKI, JP
[72] KADOWAKI, KOJI, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] INOUE, KANJI, JP
[85] 2016-11-02
[86] 2015-05-08 (PCT/JP2015/063265)
[87] (WO2015/170732)
[30] JP (2014-097539) 2014-05-09
[30] JP (2014-154888) 2014-07-30

[21] **2,947,823**
[13] A1
[51] **Int.Cl. A61F 2/01 (2006.01)**
[25] EN
[54] **ENDOVASCULAR TREATMENT AID**
[54] **DISPOSITIF D'AIDE AU TRAITEMENT ENDOVASCULAIRE**
[72] INOUE, KANJI, JP
[72] YAGI, TAKAHIRO, JP
[72] FUJITA, MASAKI, JP
[72] KADOWAKI, KOJI, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] INOUE, KANJI, JP
[85] 2016-11-02
[86] 2015-05-08 (PCT/JP2015/063266)
[87] (WO2015/170733)
[30] JP (2014-097540) 2014-05-09
[30] JP (2014-154889) 2014-07-30

[21] **2,947,827**
[13] A1
[51] **Int.Cl. H01M 8/02 (2016.01) C08K 3/10 (2006.01) C08K 5/3432 (2006.01) C08K 5/49 (2006.01) C08L 71/00 (2006.01) C08L 101/12 (2006.01) H01B 1/06 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **POLYMER ELECTROLYTE COMPOSITION AND POLYMER ELECTROLYTE MEMBRANE, POLYMER ELECTROLYTE MEMBRANE WITH CATALYST LAYER, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL EACH USING THE SAME**
[54] **COMPOSITION D'ELECTROLYTE POLYMERE ET MEMBRANE ELECTROLYTE POLYMERE, MEMBRANE ELECTROLYTE POLYMERE A COUCHE DE CATALYSEUR, ENSEMBLE MEMBRANE-ELECTRODES, ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE UTILISANT CHACUN CETTE COMPOSITION**
[72] UMEDA, HIROAKI, JP
[72] IZUHARA, DAISUKE, JP
[72] FUJIEDA, YUKA, JP
[72] LI, JING, CA
[72] YANG, YUNSONG, CA
[72] WANG, KEPING, CA
[71] TORAY INDUSTRIES, INC., JP
[85] 2016-09-30
[86] 2015-04-06 (PCT/JP2015/001928)
[87] (WO2015/155979)
[30] JP (2014-078759) 2014-04-07

[21] **2,947,828**
[13] A1
[51] **Int.Cl. B22D 11/128 (2006.01)**
[25] EN
[54] **METHOD FOR CONTINUOUS-CASTING SLAB**
[54] **PROCEDE DE COULEE CONTINUE DE BRAME**
[72] TAJIMA, NAOKI, JP
[72] YAMANAKA, AKIHIRO, JP
[72] TAGUCHI, KENJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-11-02
[86] 2015-05-12 (PCT/JP2015/063585)
[87] (WO2015/174395)
[30] JP (2014-100050) 2014-05-14

[21] **2,947,829**
[13] A1
[51] **Int.Cl. G02C 7/04 (2006.01) C08J 7/04 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **HYDROGEL CONTACT LENS HAVING WET SURFACE, AND MANUFACTURING METHOD THEREFOR**
[54] **LENTILLE DE CONTACT A HYDROGEL AYANT UNE SURFACE HUMIDE, ET SON PROCEDE DE FABRICATION**
[72] LEE, SOO CHANG, KR
[72] OH, KYUNG HEE, KR
[71] INTEROJO INC., KR
[85] 2016-11-02
[86] 2015-05-08 (PCT/KR2015/004656)
[87] (WO2015/170936)
[30] KR (10-2014-0055401) 2014-05-09

[21] **2,947,831**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/24 (2012.01) E21B 47/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING PULSES IN A FLUID COLUMN**
[54] **PROCEDE ET APPAREIL DE GENERATION D'IMPULSIONS DANS UNE COLONNE DE FLUIDE**
[72] SITKA, MARK ANTHONY, US
[72] CHAMBERS, LARRY DELYNN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-02
[86] 2014-05-14 (PCT/US2014/000103)
[87] (WO2015/174951)

[21] **2,947,833**
[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/236 (2011.01)**
[25] EN
[54] **BROADCAST SIGNAL TRANSMITTING/RECEIVING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'EMISSION/RECEPTION DE SIGNAUX DE DIFFUSION**
[72] LEE, JANGWON, KR
[72] OH, SEJIN, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[72] MOON, KYOUNGSOO, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-11-02
[86] 2015-05-21 (PCT/KR2015/005085)
[87] (WO2015/178690)
[30] US (62/001,613) 2014-05-21

[21] **2,947,834**
[13] A1
[51] **Int.Cl. B61H 13/02 (2006.01) G05G 1/04 (2006.01)**
[25] EN
[54] **CONFIGURABLE LOCOMOTIVE BRAKE CONTROLLER**
[54] **DISPOSITIF DE COMMANDE DE FREIN DE LOCOMOTIVE POUVANT ETRE CONFIGURE**
[72] LEONARD, ERICH, US
[71] NEW YORK AIR BRAKE, LLC, US
[85] 2016-11-02
[86] 2014-05-04 (PCT/US2014/036720)
[87] (WO2015/171100)

[21] **2,947,838**
[13] A1
[51] **Int.Cl. C07D 311/18 (2006.01) A61K 31/35 (2006.01) A61K 31/353 (2006.01) C07D 311/74 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATMENT OF ANGIOGENESIS-MEDIATED DISEASES**
[54] **COMPOSES POUR TRAITER DES MALADIES MEDIEES PAR L'ANGIOGENESE**
[72] CORSON, TIMOTHY W., US
[72] BASAVARAJAPPA, HALESHA D., US
[72] SEO, SEUNG-YONG, KR
[72] LEE, BIT, KR
[72] FEI, XIANG, KR
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[71] GACHON UNIVERSITY OF INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2016-11-02
[86] 2014-05-06 (PCT/US2014/036965)
[87] (WO2014/182695)
[30] US (61/819,895) 2013-05-06

[21] **2,947,840**
[13] A1
[51] **Int.Cl. C40B 40/06 (2006.01)**
[25] EN
[54] **SUBSTANTIALLY UNBIASED AMPLIFICATION OF GENOMES**
[54] **AMPLIFICATION PRATIQUEMENT NON BIAISEE DE GENOMES**
[72] GOLE, JEFFREY, US
[72] ZHANG, KUN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-11-02
[86] 2014-05-28 (PCT/US2014/039830)
[87] (WO2014/193980)
[30] US (61/829,193) 2013-05-30

[21] **2,947,842**
[13] A1
[51] **Int.Cl. G01V 1/48 (2006.01) G01H 17/00 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **MONITORING SUBTERRANEAN FLUID MOVEMENT USING DISTRIBUTED ACOUSTIC SENSING**
[54] **SURVEILLANCE DU MOUVEMENT D'UN FLUIDE SOUTERRAIN A L'AIDE D'UNE DETECTION ACOUSTIQUE REPARTIE**
[72] RANJAN, PRIYESH, US
[72] SMITH, KEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-02
[86] 2014-06-04 (PCT/US2014/040812)
[87] (WO2015/187139)

[21] **2,947,843**
[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/24 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CLAY STABILIZERS**
[54] **STABILISANTS D'ARGILE**
[72] SHUMWAY, WILLIAM WALTER, US
[72] MCDANIEL, CATO RUSSELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-02
[86] 2014-07-01 (PCT/US2014/045101)
[87] (WO2016/003446)

[21] **2,947,844**
[13] A1
[51] **Int.Cl. E21B 43/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **PNEUMATIC-ON-TOP COUNTERBALANCED THREE-CHAMBER CYLINDER FOR ARTIFICIAL LIFT OPERATIONS**
[54] **CYLINDRE PNEUMATIQUE SUPERIEUR A TROIS CHAMBRES ET A CONTREPOIDS POUR OPERATIONS DE LEVAGE ARTIFICIEL**
[72] TAO, TAO, US
[72] MCEACHERN, MATHEW J., US
[72] CHEN, HUAJUN, US
[72] LI, YANMEI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-02
[86] 2014-07-08 (PCT/US2014/045681)
[87] (WO2016/007134)

[21] **2,947,845**
[13] A1
[51] **Int.Cl. B65D 75/56 (2006.01) B29C 65/00 (2006.01) B29C 65/02 (2006.01) B29C 65/18 (2006.01) B65D 75/00 (2006.01) B65D 75/28 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINER AND PROCESS FOR PRODUCING SAME**
[54] **CONTENANT FLEXIBLE ET SON PROCESSUS DE PRODUCTION**
[72] WILKES, KENNETH R., US
[72] OLIVEIRA, MARLOS G., BR
[72] FRANCA, MARCOS P., BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-11-02
[86] 2014-08-15 (PCT/US2014/051284)
[87] (WO2015/171171)
[30] US (61/988,624) 2014-05-05

[21] **2,947,846**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **REPLACEMENT HEART VALVES AND THEIR METHODS OF USE AND MANUFACTURE**
[54] **VALVULES CARDIAQUES DE REMPLACEMENT, ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] BEITH, JASON G., US
[71] FOLDAX, INC., US
[85] 2016-11-02
[86] 2015-01-30 (PCT/US2015/013980)
[87] (WO2015/171190)
[30] US (61/991,354) 2014-05-09

[21] **2,947,847**
[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **EFFICIENT LINE SEARCH METHODS FOR MULTI-PARAMETER FULL WAVEFIELD INVERSION**
[54] **PROCEDES EFFICACES DE RECHERCHE DU PAS OPTIMAL POUR INVERSION DE CHAMP D'ONDES COMPLET A PARAMETRES MULTIPLES**
[72] TANG, YAXUN, US
[72] AYENIA, GBOYEGA, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-11-02
[86] 2015-03-26 (PCT/US2015/022786)
[87] (WO2015/171215)
[30] US (61/990,860) 2014-05-09

[21] **2,947,848**
[13] A1
[51] **Int.Cl. B01D 71/60 (2006.01)**
[25] EN
[54] **POLYANILINE-BASED CHLORINE RESISTANT HYDROPHILIC FILTRATION MEMBRANES**
[54] **MEMBRANES DE FILTRATION HYDROPHILES RESISTANT AU CHLORE A BASE DE POLYANILINE**
[72] HOEK, ERIC M. V., US
[72] KANER, RICHARD B., US
[72] HUANG, XINWEI, US
[72] MCVERRY, BRIAN T., US
[72] MAHENDRA, SHAILY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-11-02
[86] 2015-04-07 (PCT/US2015/024635)
[87] (WO2015/157227)
[30] US (61/976,688) 2014-04-08

[21] **2,947,853**
[13] A1
[51] **Int.Cl. E01C 19/26 (2006.01)**
[25] EN
[54] **COMPACTOR WHEEL HAVING MULTI-ZONE TIP CONFIGURATION**
[54] **ROUE DE COMPACTEUR PRESENTANT UNE CONFIGURATION DE POINTE A ZONES MULTIPLES**
[72] UGRU, VINAYAK RAMANATH, US
[72] CONGDON , THOMAS MARSHALL, JR., US
[72] SCHIELE, CHAD EDWARD, US
[72] WELCH, MARK ALAN, US
[71] CATERPILLAR INC., US
[85] 2016-11-02
[86] 2015-04-16 (PCT/US2015/026188)
[87] (WO2015/175145)
[30] US (61/994,582) 2014-05-16
[30] US (14/595,898) 2015-01-13

[21] **2,947,855**
[13] A1
[51] **Int.Cl. A41D 13/00 (2006.01) A41D 13/12 (2006.01)**
[25] EN
[54] **PROTECTIVE APPAREL SYSTEM WITH IMPERVIOUS PROTECTION**
[54] **SYSTEME DE VETEMENT DE PROTECTION AYANT UNE PROTECTION IMPERMEABLE**
[72] CHUA, MARK SPENCER, US
[72] SEEFELDT, MICHAEL, US
[72] CZAJKA, FRANCIS, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2016-11-02
[86] 2015-04-23 (PCT/US2015/027225)
[87] (WO2015/171324)
[30] US (14/271,493) 2014-05-07

[21] **2,947,859**
[13] A1
[51] **Int.Cl. A61K 31/4745 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING MTORC1**
[54] **COMPOSITIONS ET PROCEDES POUR LA MODULATION DE MTORC1**
[72] SABATINI, DAVID M., US
[72] WANG, SHUYU, US
[72] TSUN, ZHI, US
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
[85] 2016-11-02
[86] 2015-05-01 (PCT/US2015/028885)
[87] (WO2015/168617)
[30] US (61/987,769) 2014-05-02
[30] US (62/095,512) 2014-12-22

[21] **2,947,865**
[13] A1
[51] **Int.Cl. C07D 487/22 (2006.01)**
[25] EN
[54] **PHOTO-STABLE AND THERMALLY-STABLE DYE COMPOUNDS FOR SELECTIVE BLUE LIGHT FILTERED OPTIC**
[54] **COMPOSES COLORANTS PHOTO-STABLES ET THERMIQUEMENT STABLES POUR OPTIQUES FILTRANT SELECTIVEMENT**
[72] CEFALO, DUSTIN ROBERT, US
[72] BOMMER, JERRY CHARLES, US
[72] TRAJKOVSKA-BROACH, ANITA, US
[72] BLUM, RONALD DAVID, US
[72] ISHAK, ANDREW, US
[72] MCGINNIS, SEAN, US
[71] FRONTIER SCIENTIFIC, INC., US
[85] 2016-11-02
[86] 2015-05-04 (PCT/US2015/029073)
[87] (WO2015/171507)
[30] US (61/988,360) 2014-05-05
[30] US (14/702,551) 2015-05-01

[21] **2,947,866**
[13] A1
[51] **Int.Cl. H01B 11/22 (2006.01)**
[25] EN
[54] **OPTICAL BROADBAND NODE CABLE**
[54] **CABLE OPTIQUE POUR N□UDS LARGE BANDE**
[72] QUINN, JUSTIN, US
[72] VILLIGER, BRETT, US
[72] DOBBINS, PATRICK, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2016-11-02
[86] 2015-05-04 (PCT/US2015/029058)
[87] (WO2015/168686)
[30] US (61/987,687) 2014-05-02

[21] **2,947,867**
[13] A1
[51] **Int.Cl. B65D 47/06 (2006.01) B65D 47/08 (2006.01)**
[25] EN
[54] **BITE PROOF SPOUT**
[54] **BEC VERSEUR ANTI-MORSURE**
[72] TEBBE, MARK GERARD, US
[72] KHACHIKIAN, NAIRI, US
[72] HATHERILL, MARK A., US
[72] JOHNSON, KEVIN DOUGLAS, US
[71] MUNCHKIN, INC., US
[85] 2016-11-02
[86] 2015-05-04 (PCT/US2015/029114)
[87] (WO2015/168701)
[30] US (61/988,077) 2014-05-02
[30] US (62/046,869) 2014-09-05

[21] **2,947,879**
[13] A1
[51] **Int.Cl. H02G 11/00 (2006.01) B66C 13/08 (2006.01) B66C 23/683 (2006.01) H01R 35/00 (2006.01)**
[25] EN
[54] **ROTATING CONDUCTOR HOLDER**
[54] **SYSTEME DE SUPPORT DE CONDUCTEUR ROTATIF**
[72] O'CONNELL, DANIEL NEIL, CA
[72] WABNEGGER, DAVID KARL, CA
[71] QUANTA ASSOCIATES, L.P., US
[85] 2016-11-02
[86] 2015-05-07 (PCT/US2015/029745)
[87] (WO2015/171929)
[30] US (61/990,213) 2014-05-08

[21] **2,947,882**
[13] A1
[25] EN
[54] **ACTIVATED CARBON PRODUCTS AND METHODS FOR MAKING AND USING SAME**
[54] **PRODUITS DE CHARBON ACTIF ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] DONG, XING, US
[72] TULL, SCOTT W., US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2016-11-02
[86] 2015-05-13 (PCT/US2015/030447)
[87] (WO2015/175584)
[30] US (61/992,592) 2014-05-13

[21] **2,947,884**
[13] A1
[51] **Int.Cl. B01D 63/08 (2006.01) B01D 65/00 (2006.01) B01D 67/00 (2006.01) B01D 71/02 (2006.01)**
[25] EN
[54] **STACKED TWO-DIMENSIONAL MATERIALS AND METHODS FOR PRODUCING STRUCTURES INCORPORATING SAME**
[54] **MATERIAUX BIDIMENSIONNELS EMPILES ET PROCEDES DE PRODUCTION DE STRUCTURES CONTENANT CEUX-CI**
[72] FLEMING, SHAWN P., US
[72] BEDWORTH, PETER V., US
[72] CASEY, DAVID F., JR., US
[72] HEISE, SCOTT E., US
[72] KAPELANCZYK, MATTHEW M., US
[72] SINTON, STEVEN W., US
[72] STOLTENBERG, RANDALL M., US
[72] SWETT, JACOB L., US
[72] TUROWSKI, DAVID B., US
[72] LIU, HAN, US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2016-11-02
[86] 2015-05-08 (PCT/US2015/029932)
[87] (WO2015/172050)
[30] US (61/990,204) 2014-05-08
[30] US (61/990,561) 2014-05-08

[21] **2,947,885**
[13] A1
[51] **Int.Cl. A42B 3/04 (2006.01)**
[25] EN
[54] **EXPANDED FIELD OF VIEW FOR FULL-FACE MOTORCYCLE HELMET**
[54] **CHAMP DE VISION ETENDU POUR CASQUE INTEGRAL DE MOTOCYCLETTE**
[72] LOWE, MICHAEL W., US
[71] BELL SPORTS, INC., US
[85] 2016-11-02
[86] 2015-05-08 (PCT/US2015/030032)
[87] (WO2015/172113)
[30] US (61/990,633) 2014-05-08
[30] US (14/708,124) 2015-05-08

[21] **2,947,887**
[13] A1
[51] **Int.Cl. B01D 61/14 (2006.01) B01D 61/18 (2006.01) B01D 61/22 (2006.01) C07K 1/34 (2006.01)**
[25] EN
[54] **PROCESS CONTROL SYSTEMS AND METHODS FOR USE WITH FILTERS AND FILTRATION PROCESSES**
[54] **SYSTEMES ET PROCEDES DE REGULATION DE PROCEDES DESTINES A ETRE UTILISES AVEC DES FILTRES ET PROCEDES DE FILTRATION**
[72] GEFROH, EVA, US
[72] SCHWEICKART, RANDOLPH W., US
[72] PETTY, KRISTA, US
[72] FRANK, GREGORY, US
[72] SALSTROM TERPSMSA, CHRISTINE, US
[72] HEWIG, ARTHUR C., III, US
[72] SCHULTZ, JOSEPH EDWARD, CH
[71] AMGEN INC., US
[85] 2016-11-02
[86] 2015-05-13 (PCT/US2015/030599)
[87] (WO2015/175679)
[30] US (61/992,595) 2014-05-13

[21] **2,947,898**
[13] A1
[51] **Int.Cl. G02B 21/06 (2006.01) G02B 21/22 (2006.01) G02B 21/26 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR IMAGING LARGE INTACT TISSUE SAMPLES**
[54] **PROCEDES ET DISPOSITIFS POUR L'IMAGERIE DE GRANDS ECHANTILLONS DE TISSUS INTACTS**
[72] TOMER, RAJU, US
[72] DEISSEROTH, KARL A., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2016-11-02
[86] 2015-05-28 (PCT/US2015/032951)
[87] (WO2015/184124)
[30] US (62/005,703) 2014-05-30

[21] **2,947,906**
[13] A1
[51] **Int.Cl. F16F 9/16 (2006.01) B60N 2/52 (2006.01) F16F 9/22 (2006.01) F16F 9/34 (2006.01) F16F 9/44 (2006.01) F16F 9/50 (2006.01)**
[25] EN
[54] **SEAT SUSPENSION SYSTEM, APPARATUS, AND METHOD OF USING SAME**
[54] **SYSTEME DE SUSPENSION DE SIEGE, APPAREIL ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] TAYLOR, PAUL WESLEY, CA
[72] CHARBONEAU, DANIEL BENNETT, CA
[72] CANOVA, JAMES STEVEN, CA
[72] REES, TIMOTHY, CA
[71] CDG COAST DYNAMICS GROUP LTD., CA
[85] 2016-11-03
[86] 2015-05-06 (PCT/CA2015/050396)
[87] (WO2015/168790)
[30] US (61/989,406) 2014-05-06

[21] **2,947,909**
[13] A1
[51] **Int.Cl. E04F 19/04 (2006.01)**
[25] EN
[54] **COVE FLASHING BASE SUPPORT**
[54] **SUPPORT DE PLINTHE A SOLIN A GORGE**
[72] ROSSI, FRED, CA
[72] WESTFAHL, JUSTIN, CA
[72] CAMPOS, MARCIO, CA
[72] LEITCH, JAMES, CA
[71] FUSION TERRAZZO SYSTEMS INCORPORATED, CA
[85] 2016-11-03
[86] 2015-05-07 (PCT/CA2015/050405)
[87] (WO2015/168796)
[30] CA (2,851,474) 2014-05-08

[21] **2,947,912**
[13] A1
[51] **Int.Cl. C07D 277/56 (2006.01) A61K 31/427 (2006.01) A61K 31/428 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) C07D 277/60 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **2,2'-BIS-THIAZOLE-BASED COMPOUNDS, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **COMPOSE DE DITHIAZOLE 2,2'-TANDEM, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] NAN, FAJUN, CN
[72] LI, JIA, CN
[72] XIE, XIN, CN
[72] GONG, CHAOJUN, CN
[72] ZHOU, YUBO, CN
[72] CHAI, HUI, CN
[72] ZHANG, YANGMING, CN
[72] SU, MINGBO, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[85] 2016-11-03
[86] 2015-03-27 (PCT/CN2015/075247)
[87] (WO2015/149656)
[30] CN (201410136196.7) 2014-04-04

[21] **2,947,918**
[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **IMPROVING COMMUNICATION EFFICIENCY**
[54] **AMELIORATION DE L'EFFICACITE DE COMMUNICATION**
[72] TIIROLA, ESA TAPANI, FI
[72] HOOLI, KARI JUHANI, FI
[72] LUNTTILA, TIMO ERKKI, FI
[71] NOKIA SOLUTIONS AND NETWORKS OY, FI
[85] 2016-11-03
[86] 2014-05-08 (PCT/EP2014/059408)
[87] (WO2015/169359)

[21] **2,947,919**
[13] A1
[51] **Int.Cl. E01D 19/14 (2006.01) E01C 5/12 (2006.01) E01D 19/16 (2006.01)**
[25] EN
[54] **CABLE ANCHORAGE WITH BEDDING MATERIAL**
[54] **ANCRAGE DE CABLE AVEC MATERIAU D'ENROBAGE**
[72] ANNAN, RACHID, CH
[72] GNAGI, ADRIAN, CH
[71] VSL INTERNATIONAL AG, CH
[85] 2016-11-03
[86] 2014-05-30 (PCT/EP2014/061288)
[87] (WO2014/191565)
[30] GB (1309791.0) 2013-05-31

[21] **2,947,930**
[13] A1
[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/12 (2006.01) A01N 25/34 (2006.01) A01N 33/18 (2006.01) A01N 41/02 (2006.01) A01N 47/44 (2006.01) A01N 57/10 (2006.01) A01N 59/04 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL MICRO- AND NANOPARTICLES COMPRISING A CHLORHEXIDINE SALT, METHOD OF PRODUCTION AND USES THEREOF**
[54] **MICROPARTICULES ET NANOPARTICULES ANTIBACTERIENNES COMPRENANT UN SEL DE CHLORHEXIDINE, PROCEDE DE PRODUCTION ET UTILISATIONS ASSOCIEES**
[72] REDMOND, MICHELE EMILY, GB
[71] THE UNIVERSITY OF BRISTOL, GB
[85] 2016-11-03
[86] 2014-05-16 (PCT/GB2014/051515)
[87] (WO2014/184582)
[30] GB (1308926.3) 2013-05-17

[21] **2,947,936**
[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01)**
[25] EN
[54] **MOBILE SECURITY TECHNOLOGY**
[54] **TECHNOLOGIE DE SECURITE MOBILE**
[72] DECHARMS, CHRISTOPHER, US
[71] DECHARMS, CHRISTOPHER, US
[85] 2016-11-03
[86] 2014-05-05 (PCT/US2014/036871)
[87] (WO2014/182638)
[30] US (61/819,575) 2013-05-04
[30] US (61/872,690) 2013-08-31
[30] US (61/924,901) 2014-01-08

[21] **2,947,941**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C07K 19/00 (2006.01) C12N 9/78 (2006.01)**
[25] EN
[54] **GENOME SEQUENCE MODIFICATION METHOD FOR SPECIFICALLY CONVERTING NUCLEIC ACID BASES OF TARGETED DNA SEQUENCE, AND MOLECULAR COMPLEX FOR USE IN SAME**
[54] **PROCEDE DE MODIFICATION DE SEQUENCE GENOMIQUE PERMETTANT LA CONVERSION DE FACON SPECIFIQUE DE BASES D'ACIDE NUCLEIQUE DE SEQUENCES D'ADN CIBLEES ET COMPLEXE MOLECULAIRE DESTINE A ETRE UTILISEE DANS CE DERNIER**
[72] NISHIDA, KEIJI, JP
[72] KONDO, AKIHIKO, JP
[72] KOJIMA, SATOMI, JP
[71] NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY, JP
[85] 2016-11-03
[86] 2015-03-04 (PCT/JP2015/056436)
[87] (WO2015/133554)
[30] JP (2014-043348) 2014-03-05
[30] JP (2014-201859) 2014-09-30

[21] **2,947,943**
[13] A1
[51] **Int.Cl. B22D 18/06 (2006.01) B22D 17/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MELTING AND MOLDING METAL IN VACUUM ENVIRONMENT**
[54] **APPAREIL ET PROCEDE DE FUSION ET DE MOULAGE DE METAL DANS UN ENVIRONNEMENT SOUS VIDE**
[72] GO, DONG KEUN, KR
[72] GO, MYOUNG SU, KR
[71] GO, DONG KEUN, KR
[71] GO, MYOUNG SU, KR
[85] 2016-11-03
[86] 2015-06-05 (PCT/KR2015/005675)
[87] (WO2015/199351)
[30] KR (10-2014-0079018) 2014-06-26

[21] **2,947,945**
[13] A1
[51] **Int.Cl. B22D 17/14 (2006.01)**
[25] EN
[54] **MOLD APPARATUS FOR MOLDING METAL IN HIGH VACUUM ENVIRONMENT**
[54] **APPAREIL A MOULE DESTINE AU MOULAGE DE METAL DANS UN ENVIRONNEMENT A VIDE POUSSE**
[72] GO, DONG KEUN, KR
[72] GO, MYOUNG SU, KR
[71] GO, DONG KEUN, KR
[71] GO, MYOUNG SU, KR
[85] 2016-11-03
[86] 2015-06-05 (PCT/KR2015/005676)
[87] (WO2016/006828)
[30] KR (10-2014-0086829) 2014-07-10

[21] **2,947,950**
[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **ORIENTING HANGER ASSEMBLY FOR DEPLOYING MWD TOOLS**
[54] **ENSEMBLE DISPOSITIF DE SUSPENSION A ORIENTATION POUR DEPLOYER DES OUTILS MWD**
[72] MACDONALD, CRAIG, US
[72] MILLER, MARK, US
[71] GE ENERGY OIL FIELD TECHNOLOGY, INC., US
[85] 2016-11-03
[86] 2014-05-06 (PCT/US2014/037002)
[87] (WO2015/171122)
[30] US (14/271,052) 2014-05-06
[30] US (14/271,059) 2014-05-06

[21] **2,947,953**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 72/00 (2009.01)**
[25] EN
[54] **MBSFN MEASUREMENT CONFIGURATION AND REPORTING**
[54] **CONFIGURATION ET CREATION DE RAPPORT DE MESURAGE MBSFN**
[72] DALSGAARD, LARS, FI
[72] KESKITALO, ILKKA ANTERO, FI
[72] KAIKKONEN, JORMA JOHANNES, FI
[71] NOKIA TECHNOLOGIES OY, FI
[85] 2016-11-03
[86] 2014-05-09 (PCT/US2014/037588)
[87] (WO2015/171166)

[21] **2,947,954**
[13] A1
[51] **Int.Cl. G01B 3/10 (2006.01)**
[25] EN
[54] **MARKING TAPE MEASURE**
[54] **METRE RUBAN DE MARQUAGE**
[72] SCARBOROUGH, DANE, US
[71] SCARBOROUGH, DANE, US
[85] 2016-11-03
[86] 2014-05-06 (PCT/US2014/036984)
[87] (WO2015/171120)

[21] **2,947,955**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/165 (2006.01)**
[25] EN
[54] **FILTERING NEEDLE CAP**
[54] **EMBOUT D'AIGUILLE DE FILTRATION**
[72] CARR, SUE E., US
[72] DELGADO, JESSIE, US
[72] BROWKA, EDWARD, US
[72] MCCALL, CHARLES E., JR., US
[72] FOSHEE, DAVID L., US
[71] CARRTECH LLC, US
[85] 2016-11-03
[86] 2014-05-19 (PCT/US2014/038625)
[87] (WO2014/186800)
[30] US (61/824,486) 2013-05-17
[30] US (61/910,149) 2013-11-29

[21] **2,947,957**
[13] A1
[51] **Int.Cl. G10L 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING THE EXCITATION SIGNAL FOR A GLOTTAL PULSE MODEL BASED PARAMETRIC SPEECH SYNTHESIS SYSTEM**
[54] **PROCEDE PERMETTANT DE FORMER UN SIGNAL D'EXCITATION DESTINE A UN SYSTEME DE SYNTHESE VOCALE PARAMETRIQUE BASE SUR UN MODELE D'IMPULSION GLOTTALE**
[72] DACHIRAJU, RAJESH, IN
[72] GANAPATHIRAJU, ARAVIND, IN
[71] INTERACTIVE INTELLIGENCE, INC., US
[85] 2016-11-03
[86] 2014-05-28 (PCT/US2014/039722)
[87] (WO2015/183254)

[21] **2,947,958**
[13] A1
[51] **Int.Cl. A01N 55/08 (2006.01)**
[25] EN
[54] **COMPOUNDS AND NAIL POLISH**
[54] **COMPOSES ET VERNIS A ONGLES**
[72] CORONADO, DINA, US
[72] MERCHANT, TEJAL, US
[71] ANACOR PHARMACEUTICALS, INC., US
[85] 2016-11-03
[86] 2015-01-13 (PCT/US2015/011240)
[87] (WO2015/171186)
[30] US (61/988,897) 2014-05-05

[21] **2,947,962**
[13] A1
[51] **Int.Cl. C07G 11/00 (2006.01)**
[25] EN
[54] **IBS MICROBIOTA AND USES THEREOF**
[54] **MICROBIOTE DU SYNDROME DU COLON IRRITABLE ET UTILISATIONS ASSOCIEES**
[72] GOLDEN, PAM, US
[72] FODOR, ANTHONY, US
[72] BORTEY, ENOCH, US
[72] FORBES, WILLIAM, US
[71] SALIX PHARMACEUTICALS, INC., US
[85] 2016-11-03
[86] 2015-05-04 (PCT/US2015/029040)
[87] (WO2015/171493)
[30] US (61/988,293) 2014-05-04
[30] US (61/988,841) 2014-05-05
[30] US (62/036,085) 2014-08-11
[30] US (62/135,658) 2015-03-19

[21] **2,947,964**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **REGRESSION MODELING SYSTEM USING ACTIVATION RATING VALUES AS INPUTS TO A REGRESSION TO PREDICT HEALTHCARE UTILIZATION AND COST AND/OR CHANGES THERETO**
[54] **SYSTEME DE MODELISATION DE REGRESSIONS UTILISANT DES VALEURS DE NOTATION D'ACTIVATION COMME ENTREES D'UNE REGRESSION POUR PREDIRE L'UTILISATION ET LE COUT DES SOINS DE SANTE ET/OU LEURS VARIATIONS**
[72] MAHONEY, ELDON R., US
[72] DELANEY, CHRISTOPHER R., US
[71] INSIGNIA HEALTH, LLC, US
[85] 2016-11-03
[86] 2015-05-05 (PCT/US2015/029316)
[87] (WO2015/171658)
[30] US (61/988,583) 2014-05-05

[21] **2,947,965**
[13] A1
[51] **Int.Cl. C09K 5/04 (2006.01)**
[25] EN
[54] **LOW GWP HEAT TRANSFER COMPOSITIONS**
[54] **COMPOSITIONS DE TRANSFERT DE CHALEUR A FAIBLE PRG**
[72] YANA MOTTA, SAMUEL F., US
[72] POTTKER, GUSTAVO, US
[72] SPATZ, MARK W., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2016-11-03
[86] 2015-05-05 (PCT/US2015/029131)
[87] (WO2015/171538)
[30] US (61/988,363) 2014-05-05
[30] US (14/703,128) 2015-05-04

[21] **2,947,967**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR GROWTH FACTOR MODULATION**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE FACTEUR DE CROISSANCE**
[72] SCHURPF, THOMAS, US
[72] CHANG, GREGORY P., US
[72] MAHANTHAPPA, NAGESH K., US
[71] SCHOLAR ROCK, INC., US
[85] 2016-11-03
[86] 2015-05-06 (PCT/US2015/029365)
[87] (WO2015/171691)
[30] US (61/989,200) 2014-05-06
[30] US (62/076,200) 2014-11-06
[30] US (62/100,351) 2015-01-06

[21] **2,947,974**
[13] A1
[51] **Int.Cl. B64C 29/00 (2006.01) B64C 11/00 (2006.01) B64C 27/12 (2006.01) B64C 27/20 (2006.01) B64D 27/00 (2006.01) B64D 31/00 (2006.01) B64D 35/04 (2006.01)**
[25] EN
[54] **VTOL AIRCRAFT**
[54] **AERONEF A DECOLLAGE ET ATTERRISSAGE VERTICAUX**
[72] BRODY, DAVID E., US
[72] OLCOTT, DENNIS D., US
[71] XTI AIRCRAFT COMPANY, US
[85] 2016-11-03
[86] 2015-05-07 (PCT/US2015/029751)
[87] (WO2016/018486)
[30] US (61/989,935) 2014-05-07

[21] **2,947,976**
[13] A1
[51] **Int.Cl. A61K 38/07 (2006.01)**
[25] EN
[54] **COMBINATIONS OF NMDAR MODULATING COMPOUNDS**
[54] **COMBINAISONS DE COMPOSES MODULANT NMDAR**
[72] MOSKAL, JOSEPH R., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2016-11-03
[86] 2015-05-06 (PCT/US2015/029477)
[87] (WO2015/171770)
[30] US (61/989,183) 2014-05-06

[21] **2,947,979**
[13] A1
[51] **Int.Cl. B32B 19/00 (2006.01)**
[25] EN
[54] **FLAME RESISTANT FABRIC HAVING WOOL BLENDS**
[54] **TEXTILE RESISTANT A LA FLAMME COMPORTANT DES MELANGES DE LAINES**
[72] STANHOPE, MICHAEL T., US
[72] DUNN, CHARLES S., US
[71] SOUTHERN MILLS, INC., US
[85] 2016-11-03
[86] 2015-05-08 (PCT/US2015/029839)
[87] (WO2015/171990)
[30] US (61/990,430) 2014-05-08

[21] **2,947,983**
[13] A1
[51] **Int.Cl. H01G 4/14 (2006.01)**
[25] EN
[54] **ENERGY STORAGE DEVICE AND METHOD OF PRODUCTION THEREOF**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] LAZAREV, PAVEL IVAN, US
[71] CAPACITOR SCIENCES INCORPORATED, US
[85] 2016-11-03
[86] 2015-05-12 (PCT/US2015/030415)
[87] (WO2015/175558)
[30] US (61/991,861) 2014-05-12

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] **2,940,940**
[13] A1
[51] **Int.Cl. A01M 1/10 (2006.01) A01M 1/12 (2006.01)**
[25] EN
[54] **UNIT FOR INTERCEPTING AND CAPTURING CRAWLING INSECTS AND ALIKE AND FOR MONITORING THEIR PRESENCE**
[54] **MODULE SERVANT A INTERCEPTER ET A CAPTURER DES INSECTES RAMPANTS ET AUTRES SEMBLABLES ET A SURVEILLER LEUR PRESENCE**
[72] SANFORD, RANDALL, CA
[71] 1ST DEFENCE INDUSTRIES LTD., CA
[22] 2016-09-01
[41] 2016-11-02

---

[21] **2,945,366**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) C02F 1/461 (2006.01) C02F 1/50 (2006.01) C02F 1/76 (2006.01)**
[25] EN
[54] **ELECTROLYTIC CELL AND SYSTEM FOR TREATING WATER**
[54] **CELLULE ELECTROLYTIQUE ET SYSTEME DE TRAITEMENT DE L'EAU**
[72] SIMMONS, BRENT A., US
[72] THORDARSON, GUNNAR T., US
[72] ROBERTSON, JAMES C., US
[71] PROCESS SOLUTIONS, INC., US
[22] 2006-06-09
[41] 2006-12-21
[62] 2,810,285
[30] US (60/689,607) 2005-06-10

---

[21] **2,945,556**
[13] A1
[51] **Int.Cl. A63B 22/20 (2006.01) A63B 21/02 (2006.01) A63B 21/055 (2006.01)**
[25] EN
[54] **REFORMER EXERCISE APPARATUS**
[54] **APPAREIL D'EXERCICE DE REMISE EN FORME**
[72] ENDELMAN, KEN, US
[72] SAVARINO, CHRISTOPHER J., US
[72] MASTERSON, BRIAN, US
[72] OBERWELZ, ELGER, US
[72] YURCHENCO, JAMES R., US
[72] PATRON, ANTHONY, US
[72] OVERTHUN, THOMAS DIETER CHRISTIAN, US
[72] STUDENT, JOERG, US
[72] WEBSTER, DAVID, US
[72] DAVIS-WILSON, JENNIFER ELLEN, US
[71] BALANCED BODY, INC., US
[22] 2011-07-13
[41] 2013-01-17
[62] 2,844,737

---

[21] **2,945,828**
[13] A1
[51] **Int.Cl. B29C 70/30 (2006.01)**
[25] EN
[54] **METHOD OF LAYING UP PREPREG PLIES ON CONTOURED TOOLS USING A DEFORMABLE CARRIER FILM**
[54] **METHODE D'ASSEMBLAGE DE COUCHES PREIMPREGNEES SUR DES OUTILS MOULES A L'AIDE D'UN SUPPORT PELLICULAIRE DEFORMABLE**
[72] HAWKINS, ROBERT D., US
[72] WILLDEN, KURTIS S., US
[72] MODIN, ANDREW E., US
[72] DEPASE, EDOARDO, US
[72] GLAIN, MICHAEL, US
[72] MUSSI, BENJAMIN ADAM, US
[72] KISMARTON, MAX U., US
[71] THE BOEING COMPANY, US
[22] 2011-09-12
[41] 2012-05-12
[62] 2,878,968
[30] US (12/945,024) 2010-11-12

---

[21] **2,946,257**
[13] A1
[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/18 (2014.01)**
[25] EN
[54] **AN IMAGE DECODING APPARATUS FOR OBTAINING A DECODED IMAGE BY DECODING AN ENCODED DATA**
[54] **APPAREIL DE DECODAGE D'IMAGE PERMETTANT D'OBTENIR UNE IMAGE DECODEE PAR DECODAGE DE DONNEES CODEES**
[72] KEROFSKY, LOUIS JOSEPH, US
[71] DOLBY INTERNATIONAL AB, NL
[22] 2002-08-08
[41] 2003-02-27
[62] 2,886,119
[30] US (60/311,436) 2001-08-09
[30] US (60/319,018) 2001-11-30
[30] US (10/139,036) 2002-05-02

---

[21] **2,946,323**
[13] A1
[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/525 (2006.01) C07K 14/65 (2006.01) C12N 1/21 (2006.01) C12N 15/00 (2006.01) C12N 15/63 (2006.01) C12N 15/70 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING POLYPEPTIDES**
[54] **PROCEDE DE FABRICATION DE POLYPEPTIDES**
[72] WOON-LAM, SUSAN LEUNG, US
[72] SWARTZ, JAMES R., US
[71] GENENTECH, INC., US
[22] 2005-03-10
[41] 2005-09-22
[62] 2,558,911
[30] US (60/552,678) 2004-03-11

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,946,487**
[13] A1
[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **CARTRIDGE, AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS WHICH USES CARTRIDGE**
[54] **CARTOUCHE, ET APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES UTILISANT LADITE CARTOUCHE**
[72] MIYABE, SHIGEO, JP
[72] UENO, TAKAHITO, JP
[72] MORIOKA, MASANARI, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2009-06-09
[41] 2009-12-17
[62] 2,725,120
[30] JP (2008-151824) 2008-06-10

---

[21] **2,946,628**
[13] A1
[51] **Int.Cl. E03D 3/06 (2006.01) E03D 1/30 (2006.01)**
[25] EN
[54] **RIGID PISTON RETROFIT FOR DIAPHRAGM FLUSH VALVE**
[54] **PISTON RIGIDE ADAPTE A UN ROBINET DE CHASSE A MEMBRANE**
[72] BUSH, SHAWN D., US
[72] NOTTAGE, RYAN W., US
[71] SDB IP HOLDINGS, LLC, US
[22] 2013-03-15
[41] 2013-10-24
[62] 2,869,727
[30] US (61/636,174) 2012-04-20

---

[21] **2,946,776**
[13] A1
[51] **Int.Cl. H04N 21/433 (2011.01) H04N 21/4147 (2011.01) H04N 21/482 (2011.01) H04N 5/76 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECORDING AND PLAYING BACK PROGRAMS HAVING DESIRABLE RECORDING ATTRIBUTES**
[54] **SYSTEMES ET PROCEDES PERMETTANT L'ENREGISTREMENT ET LA LECTURE DE PROGRAMMES DOTES DE PROPRIETES D'ENREGISTREMENT DESIRABLES**
[72] ELLIS, MICHAEL D., US
[72] SPIEGEL, REED S., US
[71] ROVI GUIDES, INC., US
[22] 2006-09-29
[41] 2007-04-12
[62] 2,623,427
[30] US (11/241,523) 2005-09-30

---

[21] **2,946,845**
[13] A1
[51] **Int.Cl. A62C 31/12 (2006.01)**
[25] EN
[54] **FOCUSED STREAM, AERATED FOAM PROJECTING NOZZLE INCLUDING FIXED WAND SYSTEM AND METHOD AS WELL AS POSSIBLY PORTABLE CENTER POINTING NOZZLE**
[54] **AJUTAGE PROJETANT UNE MOUSSE AEREE, A FLUX FOCALISE COMPRENANT UN SYSTEME POUR TORCHE FIXE ET PROCEDE AINSI QU'AJUTAGE DE POINTAGE AU CENTRE EVENTUELLEMENT PORTATIF**
[72] WILLIAMS, DWIGHT P., US
[72] SPEARS, CASEY R., US
[71] TYCO FIRE & SECURITY GMBH, CH
[22] 2011-10-17
[41] 2012-04-26
[62] 2,815,178
[30] US (61/455,367) 2010-10-19
[30] US (61/461,413) 2011-01-18
[30] US (61/463,296) 2011-02-14
[30] US (61/519,071) 2011-05-16

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[21] **2,947,030**
[13] A1
[51] **Int.Cl. B62D 47/02 (2006.01) B62D 31/02 (2006.01)**
[25] EN
[54] **BUS CABIN STRUCTURE**
[54] **STRUCTURE DE CABINE D'AUTOBUS**
[72] KERR, ANDREW, CA
[72] NAYLOR, GLEN, CA
[72] CANTIN, PAUL, CA
[72] CYCHOWSKI, TOMASZ, CA
[72] EGILSON, KRISTOPHER, CA
[72] FAST, JORDAN, CA
[71] NEW FLYER INDUSTRIES CANADA ULC, CA
[22] 2009-02-04
[41] 2009-08-11
[62] 2,825,732

---

[21] **2,947,059**
[13] A1
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 23/01 (2006.01) E21B 23/06 (2006.01) E21B 33/124 (2006.01) E21B 33/126 (2006.01) E21B 33/134 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL FOR USE IN A WELLBORE**
[54] **OUTIL DE FOND ET PROCEDE D'UTILISATION**
[72] VANLUE, DUKE, US
[71] DOWNHOLE TECHNOLOGY LLC, US
[22] 2012-08-22
[41] 2013-02-28
[62] 2,842,713
[30] US (61/526,217) 2011-08-22
[30] US (61/558,207) 2011-11-10

[21] **2,947,086**
[13] A1
[51] **Int.Cl. G07C 13/00 (2006.01) G06Q 50/26 (2012.01) G06F 21/00 (2013.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE VOTING**
[54] **SYSTEME ET PROCEDE POUR UN VOTE SECURISE**
[72] BACKERT, ALISA JONES, US
[72] BACKERT, CHRISTOPHER CHARLES, US
[72] DAHL, CHRISTOPHER CHARLES, US
[71] E-GOVERNMENT CONSULTING GROUP, INC., US
[22] 2008-12-31
[41] 2009-07-16
[62] 2,711,243
[30] US (61/006,301) 2008-01-04
[30] US (12/318,492) 2008-12-30

[21] **2,947,211**
[13] A1
[51] **Int.Cl. A23L 33/16 (2016.01) A23L 27/00 (2016.01) A23L 27/40 (2016.01) A23L 33/10 (2016.01) A23L 33/125 (2016.01) A23L 2/38 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **ELECTROLYTE BLENDS PROVIDING REDUCED SALTY TASTE**
[54] **MELANGES D'ELECTROLYTE CONFERANT UN GOUT SALE REDUIT**
[72] RINALDI, VINCENT, US
[72] WEE, JIA KHIUN, US
[72] BRASLAVSKAYA, MARINA, US
[72] ALI, ZEINAB, US
[72] AUBRY VICTOIRE, US
[71] STOKELY-VAN CAMP, INC., US
[22] 2011-06-03
[41] 2011-12-08
[62] 2,800,121
[30] US (61/351,172) 2010-06-03

[21] **2,947,225**
[13] A1
[51] **Int.Cl. B67D 1/12 (2006.01) B67D 1/00 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR DISPENSING A LIQUID FROM A LIQUID STORAGE CONTAINER**
[54] **APPAREIL POUR DISTRIBUER UN LIQUIDE PROVENANT D'UN RECIPIENT DE STOCKAGE DE LIQUIDE**
[72] WALTON, PHILIP A., GB
[72] VIPOND, STEPHEN J., GB
[72] RIVARD, DENNIS L., CA
[72] NICKERSON, TYLER W., CA
[71] CARDOMON INTERNATIONAL LIMITED, CN
[22] 2012-08-27
[41] 2013-03-07
[62] 2,844,261
[30] US (13/137,606) 2011-08-29
[30] US (13/373,886) 2011-12-05

[21] **2,947,247**
[13] A1
[51] **Int.Cl. E04G 21/12 (2006.01)**
[25] EN
[54] **REINFORCING BAR BINDING MACHINE**
[54] **MACHINE LIEUSE DE BARRES DE RENFORT**
[72] KUSAKARI, ICHIRO, JP
[72] KASAHARA, AKIRA, JP
[71] MAX CO., LTD., JP
[22] 2009-11-12
[41] 2010-06-12
[62] 2,685,959
[30] JP (2008-316889) 2008-12-12
[30] JP (2009-115150) 2009-05-12

[21] **2,947,275**
[13] A1
[51] **Int.Cl. H04S 1/00 (2006.01) H04R 5/04 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL PAIRING IN A MEDIA SYSTEM**
[54] **APPARIEMENT DE CANAUX MULTIPLES DANS UN SYSTEME MULTIMEDIA**
[72] KALLAI, CHRISTOPHER, US
[72] ERICSON, MICHAEL DARRELL ANDREW, US
[72] LAMBOURNE, ROBERT A., US
[72] REIMANN, ROBERT, US
[72] TRIPLETT, MARK, US
[71] SONOS,INC., US
[22] 2012-04-26
[41] 2012-10-11
[62] 2,832,542

[21] **2,947,349**
[13] A1
[51] **Int.Cl. C07K 14/78 (2006.01) C07K 5/103 (2006.01)**
[25] EN
[54] **PEPTIDE FRAGMENTS FOR INDUCING SYNTHESIS OF EXTRACELLULAR MATRIX PROTEINS**
[54] **FRAGMENTS PEPTIDIQUES DESTINES A INDUIRE LA SYNTHESE DE PROTEINES MATRIC IELLES EXTRACELLULAIRES**
[72] HARRIS, SCOTT M., US
[72] FALLA, TIMOTHY J., US
[72] ZHANG, LIJUAN, US
[71] HELIX BIOMEDIX INC., US
[22] 2007-06-12
[41] 2007-12-21
[62] 2,655,116
[30] US (60/813,284) 2006-06-13

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,947,569**
[13] A1
[51] **Int.Cl. B23K 35/24 (2006.01) C22C 19/03 (2006.01) C22C 30/00 (2006.01) C22C 38/08 (2006.01)**
[25] EN
[54] **WELDED JOINT OF EXTREMELY LOW-TEMPERATURE STEEL, AND WELDING MATERIALS FOR PREPARING SAME**
[54] **JOINT SOUDE D'ACIER A TENUE AUX TEMPERATURES EXTREMEMENT BASSES, ET MATIERES DE SOUDURE POUR SA PREPARATION**
[72] HAN, II-WOOK, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, BONG-KEUN, KR
[72] LEE, HONG-KIL, KR
[71] POSCO, KR
[22] 2013-11-22
[41] 2014-05-30
[62] 2,890,476
[30] KR (10-2012-0133244) 2012-11-22
[30] KR (10-2012-0133245) 2012-11-22
[30] KR (10-2012-0135518) 2012-11-27

[21] **2,947,571**
[13] A1
[51] **Int.Cl. B23K 35/24 (2006.01) C22C 19/03 (2006.01) C22C 30/00 (2006.01) C22C 38/08 (2006.01)**
[25] EN
[54] **WELDED JOINT OF EXTREMELY LOW-TEMPERATURE STEEL, AND WELDING MATERIALS FOR PREPARING SAME**
[54] **JOINT SOUDE D'ACIER A TENUE AUX TEMPERATURES EXTREMEMENT BASSES, ET MATIERES DE SOUDURE POUR SA PREPARATION**
[72] HAN, II-WOOK, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, BONG-KEUN, KR
[72] LEE, HONG-KIL, KR
[71] POSCO, KR
[22] 2013-11-22
[41] 2014-05-30
[62] 2,890,476
[30] KR (10-2012-0133244) 2012-11-22
[30] KR (10-2012-0133245) 2012-11-22
[30] KR (10-2012-0135518) 2012-11-27

[21] **2,947,592**
[13] A1
[51] **Int.Cl. A61F 7/03 (2006.01) A61F 7/00 (2006.01) A61H 37/00 (2006.01)**
[25] EN
[54] **SELF-HEATED CONSUMER SPA PRODUCTS AND APPLICATIONS THEREOF**
[54] **PRODUITS THERMAUX GRAND PUBLIC AUTO-CHAUFFANTS ET LEURS APPLICATIONS**
[72] YOUNG, DANIEL, US
[71] FOREVER YOUNG INTERNATIONAL, INC., US
[22] 2010-07-26
[41] 2011-02-10
[62] 2,803,079
[30] US (61/228,590) 2009-07-26
[30] US (61/228,596) 2009-07-26
[30] US (61/228,593) 2009-07-26
[30] US (61/228,595) 2009-07-26

[21] **2,947,710**
[13] A1
[51] **Int.Cl. B44F 1/00 (2006.01) A47G 33/00 (2006.01) F21V 33/00 (2006.01) H05B 37/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LIGHT ANIMATED OBJECTS**
[54] **OBJETS ANIMES LEGERS**
[72] LIEN, TIMOTHY JAY, US
[72] PENROD, JASON BLAKE, US
[72] EIKOS, STEVE, US
[72] WERTANEN, ROBERT D., US
[72] MAN, MA LAP, CN
[72] LINDQUIST, WESLEY D., US
[72] WALBERG, KARI JEAN, US
[71] HALLMARK CARDS, INCORPORATED, US
[22] 2013-06-28
[41] 2013-12-29
[62] 2,819,860
[30] US (61/666,500) 2012-06-29
[30] US (61/799,300) 2013-03-03
[30] US (13/928,518) 2013-06-27

[21] **2,947,729**
[13] A1
[51] **Int.Cl. C12N 15/54 (2006.01) C07H 3/06 (2006.01) C07K 19/00 (2006.01) C08B 37/02 (2006.01) C12N 9/10 (2006.01) C12P 19/04 (2006.01) C12P 19/18 (2006.01)**
[25] EN
[54] **CONSTRUCTION OF NEW VARIANTS OF DEXTRANSUCRASE DSR-S BY GENETIC ENGINEERING**
[54] **CONSTRUCTION DE NOUVEAUX VARIANTS DE DEXTRANSUCRASE DSR-S PAR GENIE GENETIQUE**
[72] MONSAN, PIERRE, FR
[72] REMAUD-SIMEON, MAGALI, FR
[72] POTOCKI-VERONESE, GABRIELLE, FR
[72] MOULIS, CLAIRE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE RECHERCHE AGRONOMIQUE, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE, FR
[22] 2007-02-08
[41] 2007-08-16
[62] 2,639,150
[30] FR (06/01117) 2006-02-08

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