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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:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
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

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
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

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.

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*)) **$269**

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

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

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. 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*)) **269 $**

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

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** 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

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.*

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

13. 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.*

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

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.

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).

(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.*

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).

14. Correspondence Procedures

June 20, 2017

14. Procédures de correspondance

le 20 juin, 2017

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.*

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.*

1. Physical Delivery of Correspondence to CIPO

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

1. Livraison en personne de correspondance à l'OPIC

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

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

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.

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 lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même 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.

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.

1.1 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. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

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

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 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. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

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

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) 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. Innovation, Science and Economic Development 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. Innovation, Science and Economic Development 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. Innovation, Science and Economic Development 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 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. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

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

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

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

3. Innovation, Sciences et Développement économique 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. Innovation, Sciences et Développement économique 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. Innovation, Sciences et Développement économique 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. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

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

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

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 Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

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.

établissements ou des bureaux désignés auquels 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 livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé℠ et Xpresspost℠ 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.

2. 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 or on an electronic medium only as provided in the current notice.

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

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.

2. 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 ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

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

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.

2.1 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 (2476) or
- (819) 953-OPIC (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. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

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.

2.1 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 (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur 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 recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

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.

2.2 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 using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 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.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, 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.

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.

Trademarks

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 by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

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 envoyés par voie électronique, notamment par les pages 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, by accessing the following 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

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. Pour ce faire, il faut accéder aux pages 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 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.

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, by accessing the following 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. Pour ce faire, il faut accéder aux pages 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, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

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. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

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

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

2.3 Supports électroniques

Brevets

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

application itself or amendment(s) thereof.

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

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

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

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

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

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

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

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

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

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

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

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.

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.

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

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 using the relevant links set out in section 2.2 of these correspondence procedures 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 and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

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

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 en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance 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
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

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

ASCII

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

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures 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. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

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 par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance 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 et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

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

4. Renseignements généraux

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

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

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 Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) 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.

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 he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur 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'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) 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 par télécopieur, sont 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. Par conséquent, 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.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks 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 Act, the Copyright Act or the Integrated Circuit Topography Act.

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 équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans 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:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. 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

iv. 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

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

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

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

iii. 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

iv. 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

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.

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

Provincial and Territorial Holidays

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

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

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

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 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, CIPO's 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 Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant 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 de l'OPIC 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.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 22, 2017 contains applications open to public inspection from August 6, 2017 to August 12, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 22 août 2017 contient les demandes disponibles au public pour consultation pour la période du 6 août 2017 au 12 août 2017.

Canadian Patents Issued

August 22, 2017

Brevets canadiens délivrés

22 août 2017

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[11] **2,490,016**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/747 (2015.01) A23L 33/135 (2016.01) A23C 9/12 (2006.01) A23C 9/123 (2006.01) C12Q 1/04 (2006.01) C12Q 1/24 (2006.01)**
[25] EN
[54] **PROBIOTIC STRAINS, A PROCESS FOR THE SELECTION OF THEM, COMPOSITIONS THEREOF, AND THEIR USE**
[54] **SOUCHES PROBIOTIQUES, LEUR PROCEDE DE SELECTION, COMPOSITIONS ASSOCIEES ET LEUR UTILISATION**
[72] XAUS PEY, JORDI, ES
[72] MARTIN JIMENEZ, ROCIO, ES
[72] RODRIGUEZ GOMEZ, JUAN MIGUEL, ES
[72] BOZA PUERTA, JULIO, ES
[72] JIMENEZ LOPEZ, JESUS, ES
[73] BIOSEARCH SA, ES
[85] 2004-12-17
[86] 2003-06-26 (PCT/EP2003/006752)
[87] (WO2004/003235)
[30] EP (PCT/EP02/07169) 2002-06-28

---

[11] **2,504,355**
[13] C
[51] **Int.Cl. C07D 493/10 (2006.01) A61K 49/00 (2006.01) G01N 21/64 (2006.01)**
[25] FR
[54] **HIGH PURITY PHTALEIN DERIVATIVES AND METHOD FOR PREPARING SAME**
[54] **PHTALEINES DE PURETE ELEVEE ET LEUR PROCEDE DE PREPARATION**
[72] TRAN-GUYON, JOANNE, FR
[72] SCHERNINSKI, FRANCOIS, FR
[73] PATENT PHARMA, FR
[85] 2005-04-29
[86] 2003-10-28 (PCT/FR2003/003205)
[87] (WO2004/039810)
[30] FR (02/13528) 2002-10-29

---

[11] **2,511,060**
[13] C
[51] **Int.Cl. G06T 5/50 (2006.01)**
[25] EN
[54] **REDUCTION OF DIFFERENTIAL RESOLUTION OF SEPARATIONS**
[54] **REDUCTION DE LA RESOLUTION DIFFERENTIELLE DE SEPARATIONS**
[72] PERLMUTTER, KEREN O., US
[72] PERLMUTTER, SHARON M., US
[72] WANG, ERIC, US
[72] KLAMER, PAUL R., US
[73] WARNER BROS. ENTERTAINMENT INC., US
[73] AMERICA ONLINE, INC., US
[85] 2005-06-17
[86] 2003-12-19 (PCT/US2003/040803)
[87] (WO2004/059574)
[30] US (60/434,650) 2002-12-20
[30] US (10/657,243) 2003-09-09
[30] US (10/657,138) 2003-09-09

---

[11] **2,561,519**
[13] C
[51] **Int.Cl. A61K 35/52 (2015.01) C12N 5/076 (2010.01) A01N 1/02 (2006.01)**
[25] EN
[54] **SPERM DISPERSIONS FOR USE IN INSEMINATION**
[54] **SUSPENSIONS DE SPERME POUR INSEMINATION**
[72] GRAHAM, JEFFREY A., US
[72] LUDWIG, CINDY L., US
[72] CROWLEY, KATHLEEN S., US
[73] INGURAN, LLC, US
[85] 2006-09-28
[86] 2005-03-29 (PCT/US2005/010599)
[87] (WO2005/094852)
[30] US (60/557,407) 2004-03-29
[30] US (60/614,178) 2004-09-29
[30] US (60/618,440) 2004-10-13

---

[11] **2,571,344**
[13] C
[51] **Int.Cl. G06F 9/445 (2006.01) H04W 88/02 (2009.01) G08G 1/0962 (2006.01)**
[25] EN
[54] **AN ALERT DEVICE**
[54] **DISPOSITIF D'ALERTE**
[72] DONAGHEY, ANDREW PAUL, AU
[72] MCDONALD, IAN KENNETH FRANCIS, AU
[72] BEARD, DAVID LEWIS, AU
[73] FREESTYLE TECHNOLOGY PTY LTD, AU
[85] 2006-12-19
[86] 2005-06-24 (PCT/AU2005/000923)
[87] (WO2006/000039)
[30] AU (2004903457) 2004-06-24
[30] US (60/608,379) 2004-09-10
[30] AU (2004905262) 2004-09-13

---

[11] **2,572,353**
[13] C
[51] **Int.Cl. G05B 23/02 (2006.01) C02F 1/00 (2006.01) G05B 19/042 (2006.01) G05B 19/048 (2006.01) G08B 21/18 (2006.01) G06Q 30/04 (2012.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR MANAGING WASTEWATER TREATMENT INSTALLATION**
[54] **SYSTEME, METHODE ET APPAREIL POUR LA GESTION D'INSTALLATION DE TRAITEMENT DES EAUX USEES**
[72] GRAVES, GREGORY D., US
[73] SERVICE PRO MONITORING, LLC, US
[86] (2572353)
[87] (2572353)
[22] 2006-12-14
[30] US (11/584,516) 2006-10-23

[11] **2,577,443**
[13] C
[51] **Int.Cl. G06F 15/173 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS FOR DISTRIBUTING DATA OVER A COMPUTER NETWORK AND METHODS FOR ARRANGING NODES FOR DISTRIBUTION OF DATA OVER A COMPUTER NETWORK**
[54] **SYSTEMES DESTINES A DISTRIBUER DES DONNEES SUR UN RESEAU INFORMATIQUE ET PROCEDES DESTINES A AGENCER DES NOEUDS EN VUE D'UNE DISTRIBUTION DE DONNEES SUR UN RESEAU INFORMATIQUE**
[72] O'NEAL, MIKE, US
[72] TALTON, JOHN P., US
[73] NETWORK FOUNDATION TECHNOLOGIES, LLC, US
[85] 2007-02-14
[86] 2005-07-11 (PCT/US2005/024515)
[87] (WO2006/010111)
[30] US (60/586,876) 2004-07-09

---

[11] **2,591,298**
[13] C
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRACKING DERIVATIVES POSITIONS AND MONITORING CREDIT LIMITS**
[54] **PROCEDE ET SYSTEME DE RECHERCHE DE POSITIONS D'INSTRUMENTS DERIVES ET DE CONTROLE DE LIMITES DE CREDIT**
[72] HARRINGTON, GEORGE, US
[73] TRADEWEB MARKETS LLC, US
[85] 2007-06-06
[86] 2005-12-12 (PCT/US2005/044958)
[87] (WO2006/063352)
[30] US (60/635,420) 2004-12-10

---

[11] **2,592,459**
[13] C
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **OPHTHALMIC IMPLANT FOR TREATMENT OF GLAUCOMA**
[54] **IMPLANT OPHTALMIQUE DESTINE AU TRAITEMENT DU GLAUCOME**
[72] STEGMANN, ROBERT, ZA
[72] CONSTON, STANLEY R., US
[72] KUPIECKI, DAVID J., US
[72] MCKENZIE, JOHN, US
[72] PINSON, CANDICE D., US
[72] YAMAMOTO, RONALD, US
[73] ISCIENCE INTERVENTIONAL CORPORATION, US
[85] 2007-06-14
[86] 2005-12-16 (PCT/US2005/045675)
[87] (WO2006/066103)
[30] US (60/637,368) 2004-12-16

---

[11] **2,593,498**
[13] C
[51] **Int.Cl. H01J 49/26 (2006.01) H05H 1/26 (2006.01) H05H 1/42 (2006.01)**
[25] EN
[54] **INDUCTIVELY COUPLED PLASMA MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE PLASMIQUE A COUPLAGE INDUCTIF**
[72] SAKATA, KENICHI, JP
[72] YAMADA, NORIYUKI, JP
[73] AGILENT TECHNOLOGIES, INC., US
[86] (2593498)
[87] (2593498)
[22] 2007-07-11
[30] JP (2006-219520) 2006-08-11

---

[11] **2,594,371**
[13] C
[51] **Int.Cl. G01N 27/30 (2006.01) G01N 27/40 (2006.01) G01N 27/401 (2006.01) G01N 27/416 (2006.01)**
[25] EN
[54] **HETEROGENEOUS MEMBRANE ELECTRODES**
[54] **ELECTRODES A MEMBRANE HETEROGENE**
[72] BALES, MICHAEL, CA
[72] LAUKS, IMANTS, CA
[72] OUSSOVA, ALEXANDRA, CA
[72] VARLAN, ANCA, CA
[73] EPOCAL INC., CA
[85] 2007-07-06
[86] 2005-06-01 (PCT/CA2005/000842)
[87] (WO2005/119235)
[30] US (10/856,929) 2004-06-01

---

[11] **2,595,902**
[13] C
[51] **Int.Cl. C07K 14/475 (2006.01) C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61K 39/385 (2006.01) C07K 1/04 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/48 (2006.01) C07K 14/49 (2006.01) C07K 14/495 (2006.01) C07K 14/52 (2006.01) C07K 14/59 (2006.01) C07K 14/61 (2006.01) C07K 16/18 (2006.01) C40B 30/04 (2006.01) C40B 40/10 (2006.01) C40B 50/14 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **BINDING COMPOUNDS, IMMUNOGENIC COMPOUNDS AND PEPTIDOMIMETICS OF THE BETA-3 HAIRPIN LOOP OF CYSTINE-KNOT GROWTH FACTORS**
[54] **COMPOSES LIANTS, COMPOSES IMMUNOGENES ET COMPOSES PEPTIDOMIMETIQUES DE LA BOUCLE EN EPINGLE A CHEVEUX SS-3 DES FACTEURS DE CROISSANCE A NOEUD DECYSTINE**
[72] TIMMERMAN, PETER, NL
[72] PUIJK, WOUTER CORNELIS, NL
[72] SLOOTSTRA, JELLE WOUTER, NL
[72] VAN DIJK, EVERT, NL
[72] MELOEN, ROBBERT HANS, NL
[73] PEPSCAN SYSTEMS B.V., NL
[85] 2007-07-23
[86] 2006-01-24 (PCT/NL2006/000036)
[87] (WO2006/078161)
[30] EP (05075174.2) 2005-01-24
[30] EP (05077896.2) 2005-12-16

[11] **2,604,032**
[13] C
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATING STABLY LINKED COMPLEXES COMPOSED OF HOMODIMERS, HOMOTETRAMERS OR DIMERS OF DIMERS AND USES**
[54] **METHODES DE GENERATION DE COMPLEXES LIES STABLEMENT COMPOSES D'HOMODIMERES, D'HOMOTETRAMERES OU DE DIMERES DE DIMERES ET UTILISATIONS ASSOCIEES**
[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
[72] MCBRIDE, WILLIAM J., US
[72] ROSSI, EDMUND A., US
[73] IBC PHARMACEUTICALS, INC., US
[85] 2007-10-05
[86] 2006-03-24 (PCT/US2006/010762)
[87] (WO2006/107617)
[30] US (60/668,603) 2005-04-06
[30] US (60/728,292) 2005-10-19
[30] US (60/751,196) 2005-12-16

---

[11] **2,611,379**
[13] C
[51] **Int.Cl. G07B 15/06 (2011.01) G08G 1/017 (2006.01)**
[25] EN
[54] **ELECTRONIC VEHICLE IDENTIFICATION**
[54] **IDENTIFICATION ELECTRONIQUE DE VEHICULES**
[72] HEDLEY, JAY E., US
[72] THORNBURG, NEAL PATRICK, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2007-12-07
[86] 2006-06-12 (PCT/IB2006/002738)
[87] (WO2006/134498)
[30] US (60/689,050) 2005-06-10

---

[11] **2,613,431**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SCHEDULING FOLLOW-UP EVENTS**
[54] **METHODE ET DISPOSITIF PERMETANT DE PLANIFIER DES EVENEMENTS DE SUIVI**
[72] ZINN, SCOTTE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2613431)
[87] (2613431)
[22] 2007-12-04
[30] EP (06125392.8) 2006-12-05

---

[11] **2,621,454**
[13] C
[51] **Int.Cl. A63C 9/00 (2012.01) A43B 5/04 (2006.01)**
[25] FR
[54] **CROSS-COUNTRY SKI SHOE BOOT, ACTIVE**
[54] **SEMELLE DE SKI DE FOND, ACTIVE**
[72] ST-ONGE, SERGE, CA
[73] ST-ONGE, SERGE, CA
[86] (2621454)
[87] (2621454)
[22] 2008-03-19

---

[11] **2,626,356**
[13] C
[51] **Int.Cl. A61K 38/48 (2006.01) C12N 5/10 (2006.01) C12N 9/64 (2006.01) C12N 15/62 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **MODIFIED PROTEASES THAT INHIBIT COMPLEMENT ACTIVATION**
[54] **PROTEASES MODIFIEES QUI INHIBENT L'ACTIVATION DU COMPLEMENT**
[72] MADISON, EDWIN L., US
[72] NGUYEN, JACK, US
[72] RUGGLES, SANDRA WAUGH, US
[72] THANOS, CHRISTOPHER D., US
[73] CATALYST BIOSCIENCES, INC., US
[85] 2008-04-17
[86] 2006-10-20 (PCT/US2006/041165)
[87] (WO2007/047995)
[30] US (60/729,817) 2005-10-21

---

[11] **2,627,172**
[13] C
[51] **Int.Cl. G06F 21/84 (2013.01) G06F 3/14 (2006.01) G06F 21/31 (2013.01)**
[25] EN
[54] **CONTEXT SENSITIVE CONCEALMENT OF AN INPUT FIELD**
[54] **DISSIMULATION SENSIBLE AU CONTEXTE D'UN CHAMP D'ENTREE**
[72] GRIGORIEV, NIKOLAI, CA
[72] THORKELSSON, HARALDUR, CA
[72] JHAVERI, NATALIE, CA
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2008-04-24
[86] 2006-11-14 (PCT/CA2006/001850)
[87] (WO2007/068082)
[30] CA (2,526,818) 2005-11-14
[30] US (60/735,810) 2005-11-14

---

[11] **2,628,991**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **A METHOD FOR AUTOMATING DIGITAL SIGNAGE APPLICATIONS USING INTELLIGENT SELF-CONFIGURING OBJECTS AND SMART TEMPLATES**
[54] **METHODE ASSURANT L'AUTOMATISATION DES APPLICATIONS DE SIGNALISATION NUMERIQUE AU MOYEN D'OBJETS A AUTOCONFIGURATION INTELLIGENTS ET DE FORMES DE REFERENCE INTELLIGENTES**
[72] WILKINS, DAVID, CA
[73] X2O MEDIA INC., CA
[86] (2628991)
[87] (2628991)
[22] 2008-04-11
[30] US (60/911,572) 2007-04-13

[11] **2,629,299**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **FGF2-RELATED METHODS FOR DIAGNOSING AND TREATING DEPRESSION**
[54] **METHODES ASSOCIEES AU FGF2 POUR DIAGNOSTIQUER ET TRAITER UNE DEPRESSION**
[72] AKIL, HUDA, US
[72] WATSON, STANLEY J., US
[72] EVANS, SIMON J., US
[72] TURNER, CORTNEY, US
[72] BERNARD, RENE, US
[72] KERMAN, ILAN, US
[72] THOMPSON, ROBERT C., US
[72] BURMEISTER, MARGIT, US
[72] SCOTT, LAURA J., US
[72] MENG, FAN, US
[72] BOEHNKE, MICHAEL, US
[72] BUNNEY, WILLIAM E., JR., US
[72] VAWTER, MARQUIS P., US
[72] JONES, EDWARD G., US
[72] CHOUDARY, PRABHAKARA V., US
[72] MYERS, RICHARD M., US
[72] SCHATZBERG, ALAN F., US
[72] LI, JUN, US
[72] ABSHER, DEVIN, US
[72] TOMITA, HIROAKI, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2008-05-09
[86] 2006-11-13 (PCT/US2006/044057)
[87] (WO2007/059064)
[30] US (60/736,526) 2005-11-12
[30] US (60/829,516) 2006-10-13

---

[11] **2,632,295**
[13] C
[51] **Int.Cl. H04N 5/50 (2006.01) H04N 21/431 (2011.01) H04N 21/482 (2011.01) H04N 7/015 (2006.01)**
[25] EN
[54] **SELECTION OF ELECTRONIC CONTENT AND SERVICES**
[54] **SELECTION DE CONTENU ET DE SERVICES ELECTRONIQUES**
[72] HARRAR, DEREK T., US
[72] BIRNBAUM, JACK M., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[86] (2632295)
[87] (2632295)
[22] 2008-05-26
[30] US (11/755,116) 2007-05-30

---

[11] **2,633,546**
[13] C
[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **HOME NETWORK APPLICATIONS USING WIRELINED AND WIRELESS SECURE LINKS**
[54] **RESEAU DOMESTIQUE UTILISANT DES LIAISONS SECURISEES CABLEES ET SANS FIL**
[72] ZEBIC, GREGOR, SI
[72] GARBAJS, GREGOR, SI
[73] ZEBIC, GREGOR, SI
[85] 2008-05-26
[86] 2005-11-25 (PCT/EP2005/012633)
[87] (WO2007/059788)

---

[11] **2,635,795**
[13] C
[51] **Int.Cl. A61C 13/00 (2006.01) A61C 5/77 (2017.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DESIGNING CUSTOM RESTORATIONS FOR DENTAL IMPLANTS**
[54] **PROCEDE ET SYSTEME D'ELABORATION DE COMPOSES PERSONNALISES DE RESTAURATION D'IMPLANTS DENTAIRES**
[72] SCHARLACK, RONALD S., US
[72] YARMARKOVICH, ALEXANDER, US
[72] GRANT, BETHANY, US
[73] ASTRA TECH, INC., US
[85] 2008-06-30
[86] 2006-12-28 (PCT/US2006/049376)
[87] (WO2007/081557)
[30] US (11/325,990) 2006-01-05

---

[11] **2,639,060**
[13] C
[51] **Int.Cl. C12N 15/56 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12N 15/82 (2006.01) C12N 5/04 (2006.01) C12N 15/29 (2006.01)**
[25] EN
[54] **TRANSGENIC PLANTS OF ALTERED MORPHOLOGY AND THE ISOLATED ARABIDOPSIS THALIANA ENDO-1,4-.BETA.-GLUCANASE GENE, PROMOTER AND PROTEIN**
[54] **PLANTES TRANSGENIQUES A MORPHOLOGIE MODIFIEE ET GENE, PROMOTEUR ET PROTEINE DE L'ENDO-1,4-.BETA.-GLUCANASE ISOLES A PARTIR D'ARABIDOPSIS THALIANA**
[72] SHOSEYOV, ODED, IL
[72] SHANI, ZIV, IL
[72] SHPIEGL, ETAI, IL
[73] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM, IL
[86] (2639060)
[87] (2639060)
[22] 1998-07-26
[62] 2,298,068
[30] IL (121404) 1997-07-27
[30] US (09/006,632) 1998-01-13
[30] US (09/006,636) 1998-01-13

---

[11] **2,643,219**
[13] C
[51] **Int.Cl. G01N 27/83 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND PROGRAM PRODUCT TO SCREEN FOR LONGITUDINAL-SEAM ANOMALIES**
[54] **SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE DE DETECTION D'ANOMALIES DANS LES JOINTS LONGITUDINAUX**
[72] DUCKWORTH, NOEL, US
[72] SHERSTAN, RON, US
[73] KINDER MORGAN, INC., US
[86] (2643219)
[87] (2643219)
[22] 2008-11-06
[30] US (61/008,822) 2007-12-21

[11] **2,649,805**
[13] C
[51] **Int.Cl. A61B 18/00 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR TREATMENT OF TISSUE**
[54] **DISPOSITIFS ET METHODES POUR TRAITER UN TISSU**
[72] DECKMAN, ROBERT K., US
[72] GERBI, CRAIG, US
[72] MUNROW, MICHAEL, US
[72] GROSSMAN, JESSICA, US
[73] GYNESONICS, INC., US
[85] 2008-10-17
[86] 2007-04-09 (PCT/US2007/066235)
[87] (WO2007/124265)
[30] US (11/409,496) 2006-04-20
[30] US (11/564,164) 2006-11-28

[11] **2,650,945**
[13] C
[51] **Int.Cl. G01N 21/55 (2014.01) G01J 3/42 (2006.01) G01J 3/46 (2006.01) G01N 21/21 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ANGULAR COLORIMETRY**
[54] **APPAREIL ET PROCEDE DE COLORIMETRIE ANGULAIRE**
[72] SIECK, PETER ALLEN, US
[72] GUTHRIE, JOE EARLE, US
[72] MASCHWITZ, PETER ALAN, US
[72] BURTON, CLIVE HILTON, US
[72] SINGHAVARA, VANHLACKY LUCKY, US
[72] MARSHALL, BRYAN RICHARD, US
[73] AGC FLAT GLASS NORTH AMERICA, INC., US
[85] 2008-10-30
[86] 2007-05-04 (PCT/US2007/068230)
[87] (WO2007/131162)
[30] US (11/418,062) 2006-05-05

[11] **2,657,447**
[13] C
[51] **Int.Cl. B05B 1/02 (2006.01) D21C 11/12 (2006.01) F23G 7/04 (2006.01)**
[25] EN
[54] **VARIABLE ORIFICE BLACK LIQUOR NOZZLE**
[54] **BUSE POUR LIQUEUR NOIRE A ORIFICE VARIABLE**
[72] JAMEEL, MOHOMED, US
[72] HIGGINS, DANIEL, US
[73] CLYDE BERGEMANN, INC., US
[85] 2008-12-18
[86] 2007-06-20 (PCT/US2007/071714)
[87] (WO2007/149950)
[30] US (60/805,460) 2006-06-21

[11] **2,659,364**
[13] C
[51] **Int.Cl. A61K 48/00 (2006.01) A61P 9/04 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF A MICRO-RNA THAT ACTIVATES EXPRESSION OF .BETA.-MYOSIN HEAVY CHAIN**
[54] **IDENTIFICATION D'UN MICROARN QUI ACTIVE L'EXPRESSION DE LA CHAINE LOURDE DE .BETA.-MYOSINE**
[72] OLSON, ERIC, US
[72] VAN ROOIJ, EVA, US
[73] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2009-01-29
[86] 2007-07-31 (PCT/US2007/074866)
[87] (WO2008/016924)
[30] US (60/834,667) 2006-08-01
[30] US (60/952,911) 2007-07-31
[30] US (60/952,917) 2007-07-31

[11] **2,661,257**
[13] C
[51] **Int.Cl. E04B 2/90 (2006.01) E04C 2/00 (2006.01) E04F 13/07 (2006.01) E04F 13/24 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **WALL PANEL SYSTEM WITH INSERT**
[54] **SYSTEME DE PANNEAUX MURAUX AVEC PIECE RAPPORTEE**
[72] GRIFFITHS, ROBERT T., US
[73] FIRESTONE BUILDING PRODUCTS COMPANY, LLC, US
[86] (2661257)
[87] (2661257)
[22] 2009-04-01
[30] US (61/041,449) 2008-04-01

[11] **2,661,842**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4353 (2006.01) A61K 31/5383 (2006.01) C07D 495/04 (2006.01) C07D 513/04 (2006.01) G01N 33/573 (2006.01) C07D 498/06 (2006.01)**
[25] EN
[54] **TRICYCLIC HETEROARYL COMPOUNDS AND THEIR USE AS SERINE-THREONINE PROTEIN KINASES AND PARP MODULATORS**
[54] **COMPOSES HETEROARYLES TRICYCLIQUES ET LEUR UTILISATION COMME KINASES DE PROTEINE SERINE-THREONINE ET MODULATEUR D'ACTIVITE PARP**
[72] CHUA, PETER C., US
[72] PIERRE, FABRICE, US
[72] WHITTEN, JEFFREY P., US
[73] SENHWA BIOSCIENCES, INC., TW
[85] 2009-02-24
[86] 2007-08-31 (PCT/US2007/077464)
[87] (WO2008/028168)
[30] US (60/842,061) 2006-09-01
[30] US (60/844,542) 2006-09-13
[30] US (60/846,683) 2006-09-22
[30] US (60/873,936) 2006-12-07
[30] US (60/895,716) 2007-03-19

[11] **2,663,698**
[13] C
[51] **Int.Cl. H01J 49/04 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **MULTIPLE SAMPLE SOURCES FOR USE WITH MASS SPECTROMETERS, AND APPARATUS, DEVICES, AND METHODS THEREFOR**
[54] **SOURCES D'ECHANTILLONS MULTIPLES A UTILISER AVEC DES SPECTROMETRES DE MASSE, ET APPAREIL, DISPOSITIFS, ET PROCEDES CORRESPONDANTS**
[72] COVEY, THOMAS R., CA
[72] SCHNEIDER, BRADLEY B., CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2009-03-16
[86] 2007-09-25 (PCT/CA2007/001716)
[87] (WO2008/037073)
[30] US (60/826,811) 2006-09-25
[30] US (60/867,123) 2006-11-23

---

[11] **2,664,304**
[13] C
[51] **Int.Cl. A61K 38/20 (2006.01)**
[25] EN
[54] **USE OF PEGYLATED IL-10 TO TREAT CANCER**
[54] **UTILISATION D'IL-10 PEGILEE POUR TRAITER UN CANCER**
[72] OFT, MARTIN, US
[72] SHEPPARD, CATHERINE, US
[72] MUMM, JOHN, US
[72] WU, LINGLING, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2009-03-23
[86] 2007-09-27 (PCT/US2007/020871)
[87] (WO2008/054585)
[30] US (60/848,326) 2006-09-28
[30] US (60/915,603) 2007-05-02

---

[11] **2,664,383**
[13] C
[51] **Int.Cl. C12N 15/11 (2006.01)**
[25] EN
[54] **MICRORNAS DIFFERENTIALLY EXPRESSED IN PANCREATIC DISEASES AND USES THEREOF**
[54] **MICRO ARN EXPRIMES PAR DIFFERENCIATION DANS LES MALADIES DU PANCREAS, ET LEUR UTILISATION**
[72] LABOURIER, EMMANUEL, US
[72] SZAFRANSKA, ANNA E., US
[72] DAVISON, TIM, US
[72] JOHN, JEREMY, US
[73] INTERPACE DIAGNOSTICS, LLC, US
[85] 2009-03-19
[86] 2007-09-19 (PCT/US2007/078936)
[87] (WO2008/036765)
[30] US (60/826,173) 2006-09-19

---

[11] **2,670,814**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60R 16/04 (2006.01) H02J 7/34 (2006.01)**
[25] EN
[54] **ENERGY STORAGE MODULE FOR LOAD LEVELING IN LIFT TRUCK OR OTHER ELECTRICAL VEHICLE**
[54] **MODULE DE STOCKAGE D'ENERGIE POUR REPARTITION DE CHARGE DANS CHARIOT ELEVATEUR OU AUTRE VEHICULE ELECTRIQUE**
[72] MCCABE, PAUL PATRICK, US
[73] THE RAYMOND CORPORATION, US
[86] (2670814)
[87] (2670814)
[22] 2009-06-30
[30] US (12/254,368) 2008-10-20

---

[11] **2,673,096**
[13] C
[51] **Int.Cl. D21H 11/18 (2006.01) B32B 29/00 (2006.01) D21H 27/10 (2006.01) D21H 27/38 (2006.01)**
[25] EN
[54] **LAMINATE PAPER PRODUCT**
[54] **PRODUIT DE PAPIER LAMINE**
[72] WILDLOCK, YLVA, SE
[72] HEIJNESSON-HULTEN, ANETTE, SE
[73] KEMIRA OYJ, FI
[85] 2009-06-17
[86] 2007-11-27 (PCT/SE2007/050902)
[87] (WO2008/076056)
[30] EP (06126413.1) 2006-12-18
[30] US (60/875,428) 2006-12-18

---

[11] **2,673,489**
[13] C
[51] **Int.Cl. C07K 14/00 (2006.01)**
[25] EN
[54] **INHIBITING CYCLIN D POLYPEPTIDES**
[54] **INHIBITION DES POLYPEPTIDES DE LA CYCLINE D**
[72] TIEDEMANN, RODGER E., US
[72] STEWART, ALEXANDER KEITH, US
[72] SCHIMMER, AARON DAVID, CA
[72] MAO, XINLIANG, CA
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[73] UNIVERSITY HEALTH NETWORK, CA
[85] 2009-04-14
[86] 2007-10-10 (PCT/US2007/080978)
[87] (WO2008/045955)
[30] US (60/850,567) 2006-10-10

[11] **2,673,560**
[13] C
[51] **Int.Cl. C12N 15/60 (2006.01) A61K 38/16 (2006.01) A61K 39/00 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 19/00 (2006.01) C12N 9/88 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01) C12N 15/87 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01) C07K 14/535 (2006.01)**
[25] EN
[54] **NEW FUSION MOLECULE BASED ON NOVEL TAA VARIANT**
[54] **NOUVELLE MOLECULE DE FUSION BASEE SUR UN NOUVEAU VARIANT TAA**
[72] LI, ZHENHUA, US
[72] BELLDEGRUN, ARIE S., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2009-06-19
[86] 2007-12-21 (PCT/US2007/088676)
[87] (WO2008/080112)
[30] US (60/876,863) 2006-12-22

[11] **2,675,876**
[13] C
[51] **Int.Cl. C09D 1/02 (2006.01)**
[25] EN
[54] **BINDER COMPOSITION FOR WASTE MATERIALS**
[54] **COMPOSITION DE LIANT POUR DECHETS**
[72] COMRIE, DOUGLAS C., US
[73] COMRIE, DOUGLAS C., US
[85] 2009-07-17
[86] 2008-01-25 (PCT/US2008/000996)
[87] (WO2008/094463)
[30] US (11/699,444) 2007-01-29

[11] **2,679,828**
[13] C
[51] **Int.Cl. H02J 9/06 (2006.01)**
[25] EN
[54] **UNINTERRUPTIBLE POWER SUPPLY WITH TOTAL ISOLATION**
[54] **SYSTEME D'ALIMENTATION SANS COUPURE ENTIEREMENT ISOLE**
[72] MORISHIMA, YOICHI, US
[72] RISTOW, JEFF, US
[73] TOSHIBA INTERNATIONAL CORPORATION, US
[86] (2679828)
[87] (2679828)
[22] 2009-09-22
[30] US (12/243,715) 2008-10-01

[11] **2,680,304**
[13] C
[51] **Int.Cl. G10L 15/26 (2006.01) G06F 17/24 (2006.01)**
[25] EN
[54] **DECODING-TIME PREDICTION OF NON-VERBALIZED TOKENS**
[54] **PREDICTION DE TEMPS DE DECODAGE D'OCCURENCES NON VERBALISEES**
[72] FRITSCH, JUERGEN, US
[72] DEORAS, ANOOP, US
[72] KOLL, DETLEF, US
[73] MULTIMODAL TECHNOLOGIES, LLC, US
[86] (2680304)
[87] (2680304)
[22] 2009-09-23
[30] US (61/100,184) 2008-09-25

[11] **2,680,582**
[13] C
[51] **Int.Cl. H02G 15/18 (2006.01) H02G 15/192 (2006.01)**
[25] EN
[54] **SPLICE RESTRAINT AND MATING INDICATOR**
[54] **INDICATEUR DE RETENUE ET D'APPARIEMENT D'EPISSURES**
[72] LUZZI, GLENN J., US
[73] RICHARDS MANUFACTURING COMPANY, A NEW JERSEY LIMITED PARTNERSHIP, US
[86] (2680582)
[87] (2680582)
[22] 2009-09-28
[30] US (61/243,018) 2009-09-16

[11] **2,682,006**
[13] C
[51] **Int.Cl. B65F 1/14 (2006.01) B30B 1/36 (2006.01) B30B 9/30 (2006.01)**
[25] EN
[54] **WASTE CONTAINMENT APPARATUS**
[54] **APPAREIL DE CONFINEMENT DE DECHETS**
[72] HALLMAN, DAVID, CA
[72] LOEBACH, DEAN, CA
[73] DH DESIGN SOLUTIONS INC., CA
[86] (2682006)
[87] (2682006)
[22] 2009-10-09
[30] US (61/104,437) 2008-10-10

[11] **2,682,232**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12N 9/90 (2006.01) C12N 15/61 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **DETECTING A G TO A MISSENSE MUTATION IN THE CYPB GENE FOR THE IDENTIFICATION OF THE HEREDITARY EQUINE REGIONAL DERMAL ASTHENIA**
[54] **DETECTION D'UNE MUTATION CONTRESENS G A A DANS LE GENE CYPB POUR L'IDENTIFICATION DE L'ASTHENIE DERMIQUE REGIONALE EQUINE HERIDITAIRE**
[72] WINAND, NENA J., US
[73] CORNELL UNIVERSITY, US
[85] 2009-09-28
[86] 2008-03-27 (PCT/US2008/058487)
[87] (WO2008/121727)
[30] US (60/920,715) 2007-03-29

[11] **2,682,349**
[13] C
[51] **Int.Cl. C12N 15/54 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 25/32 (2006.01) C12N 15/82 (2006.01) C12Q 1/48 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **AHAS MUTANTS**
[54] **MUTANTS AHAS**
[72] MCELVER, JOHN A., US
[72] SINGH, BIJAY, US
[73] BASF PLANT SCIENCE GMBH, DE
[85] 2009-09-28
[86] 2008-04-03 (PCT/US2008/059257)
[87] (WO2008/124495)
[30] US (60/910,028) 2007-04-04

[11] **2,683,566**
[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0354 (2013.01)**
[25] EN
[54] **TOUCH-SENSITIVE POINTING DEVICE WITH GUIDING LINES**
[54] **DISPOSITIF DE POINTAGE A EFFLEUREMENT AVEC LIGNES DE GUIDAGE**
[72] JENSEN, JENS MARTIN, DK
[73] MARTIN POINTING DEVICES, DK
[85] 2009-10-09
[86] 2008-04-25 (PCT/DK2008/000157)
[87] (WO2008/145124)
[30] DK (PA 2007 00777) 2007-05-30

[11] **2,685,459**
[13] C
[51] **Int.Cl. G06Q 20/32 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING PERSON-TO-PERSON FUNDS TRANSFERS VIA WIRELESS COMMUNICATIONS**
[54] **SYSTEME ET PROCEDE POUR EFFECTUER DES TRANSFERTS DE FONDS DE PERSONNE A PERSONNE PAR LE BIAIS DE COMMUNICATIONS SANS FIL**
[72] JONES, JESSICA U., GB
[72] PEART, LEE J., GB
[72] BEENAU, BLAYN W., US
[72] SAUNDERS, PETER D., US
[73] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
[85] 2009-10-27
[86] 2008-04-21 (PCT/US2008/060970)
[87] (WO2008/134275)
[30] US (11/741,170) 2007-04-27

[11] **2,685,973**
[13] C
[51] **Int.Cl. G07C 5/08 (2006.01) H04W 4/02 (2009.01) G06Q 30/02 (2012.01) G06Q 40/08 (2012.01) G01C 22/00 (2006.01) G01M 17/00 (2006.01) G01S 5/02 (2006.01)**
[25] EN
[54] **RECORDING AND REPORTING OF DRIVING CHARACTERISTICS USING WIRELESS MOBILE DEVICE**
[54] **ENREGISTREMENT ET RAPPORT DE CARACTERISTIQUES DE CONDUITE UTILISANT UN DISPOSITIF MOBILE SANS FIL**
[72] BASIR, OTMAN A., CA
[73] INTELLIGENT MECHATRONIC SYSTEMS INC., CA
[85] 2009-11-03
[86] 2008-05-23 (PCT/CA2008/000982)
[87] (WO2008/141456)
[30] US (60/939,844) 2007-05-23
[30] US (61/041,944) 2008-04-03

[11] **2,686,218**
[13] C
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 17/132 (2006.01)**
[25] EN
[54] **NON-PNEUMATIC TOURNIQUET DEVICE**
[54] **DISPOSITIF DE GARROT NON PNEUMATIQUE**
[72] BRACKETT, TED J., US
[72] GREEN, WILLIAM J., US
[73] PRECISION MEDICAL DEVICES, LLC, US
[85] 2009-10-30
[86] 2008-05-02 (PCT/US2008/062583)
[87] (WO2008/137808)
[30] US (60/915,665) 2007-05-02
[30] US (61/046,404) 2008-04-18

[11] **2,686,410**
[13] C
[51] **Int.Cl. A63B 22/02 (2006.01) A63B 22/04 (2006.01) A63B 22/08 (2006.01)**
[25] EN
[54] **EXERCISE EQUIPMENT APPARATUS AND METHOD OF USE IN TRACTOR-TRAILERS WITH SLEEPERS**
[54] **APPAREIL D'EPAULEMENT DE MUSCULATION ET PROCEDE D'UTILISATION DANS DES TRACTEURS SEMI-REMORQUES AVEC COUCHETTES**
[72] JONES, LEVI, US
[73] JONES, LEVI, US
[85] 2009-11-04
[86] 2008-04-16 (PCT/US2008/060438)
[87] (WO2008/140886)
[30] US (11/800,944) 2007-05-08

[11] **2,687,535**
[13] C
[51] **Int.Cl. A61K 31/7125 (2006.01) A61K 45/06 (2006.01) A61P 11/06 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **PHOSPHATE-MODIFIED OLIGONUCLEOTIDE ANALOGS WITH ENHANCED IMMUNOSTIMULATORY ACTIVITY**
[54] **ANALOGUES D'OLIGONUCLEOTIDES MODIFIES PAR PHOSPHATE, PRESENTANT UNE ACTIVITE IMMUNOSTIMULANTE AMELIOREE**
[72] JURK, MARION, DE
[72] UHLMANN, EUGEN, DE
[73] ADIUTIDE PHARMACEUTICALS GMBH, DE
[85] 2009-11-17
[86] 2008-05-15 (PCT/IB2008/001206)
[87] (WO2008/142513)
[30] US (60/930,764) 2007-05-18

[11] **2,688,543**
[13] C
[51] **Int.Cl. C07K 14/52 (2006.01) A61K 38/19 (2006.01)**
[25] EN
[54] **VEGF-D MUTANTS AND THEIR USE**
[54] **MUTANTS VEGF-D ET LEUR UTILISATION**
[72] TOIVANEN, PYRY, FI
[72] AIRENNE, KARI JUHANI, FI
[72] YLA-HERTTUALA, SEPPO, FI
[73] ARK THERAPEUTICS LTD., GB
[85] 2009-11-27
[86] 2008-06-02 (PCT/GB2008/001873)
[87] (WO2008/146023)
[30] GB (0710457.3) 2007-05-31

[11] **2,689,473**
[13] C
[51] **Int.Cl. A62C 35/68 (2006.01) A62C 35/60 (2006.01)**
[25] EN
[54] **AUTOMATIC AIR VENT FOR FIRE SUPPRESSION WET PIPE SYSTEM AND METHOD OF VENTING A FIRE SUPPRESSION WET PIPE SYSTEM**
[54] **ORIFICE DE MISE A L'AIR LIBRE POUR SYSTEME AUTOMATIQUE D'EXTINCTION D'INCENDIE PAR EAU ET METHODE D'EVACUATION DE L'AIR DUDIT SYSTEME**
[72] BURKHART, DAVID J., US
[72] SCHULTZ, EDWARD A., US
[73] ENGINEERED CORROSION SOLUTIONS, LLC, US
[86] (2689473)
[87] (2689473)
[22] 2009-12-30
[30] US (12/615,738) 2009-11-10

[11] **2,690,670**
[13] C
[51] **Int.Cl. H04N 21/4408 (2011.01) G06F 21/10 (2013.01) H04L 9/00 (2006.01)**
[25] EN
[54] **SECURE CONTENT DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE CONTENU SECURISE**
[72] HAMILTON, SCOTT, US
[73] FOX DIGITAL ENTERPRISES, INC., US
[86] (2690670)
[87] (2690670)
[22] 2010-01-21
[30] US (61/146,381) 2009-01-22

[11] **2,691,358**
[13] C
[51] **Int.Cl. C07K 14/11 (2006.01) A61K 38/00 (2006.01) A61K 39/145 (2006.01) A61K 39/42 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C07K 16/10 (2006.01) C07K 17/02 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **INFLUENZA INHIBITING COMPOSITIONS COMPRISING HEMAGGLUTININ 2-DERIVED PEPTIDES AND USE THEREOF**
[54] **COMPOSITIONS D'INHIBITION DE LA GRIPPE COMPRENANT DES PEPTIDES DERIVES DE L'HEMAGGLUTININE 2 ET UTILISATION DE CELLES-CI**
[72] GARRY, ROBERT F., US
[72] WILSON, RUSSELL B., US
[73] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[73] AUTOIMMUNE TECHNOLOGIES, LLC, US
[85] 2009-12-15
[86] 2008-06-25 (PCT/US2008/007918)
[87] (WO2009/002516)
[30] US (60/937,120) 2007-06-25

[11] **2,691,595**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR ANALYZING IMAGES**
[54] **METHODE, DISPOSITIF ET SYSTEME D'ANALYSE D'IMAGES**
[72] ARNON, ISRAEL BOAZ, IL
[73] REAL IMAGING LTD., IL
[85] 2009-12-21
[86] 2008-06-25 (PCT/IL2008/000871)
[87] (WO2009/001357)
[30] US (60/929,386) 2007-06-25

[11] **2,693,709**
[13] C
[51] **Int.Cl. A01C 15/02 (2006.01) A01C 19/04 (2006.01)**
[25] EN
[54] **LAWN SPREADER HOPPER FLOW CONTROL APPARATUS**
[54] **REGULATEUR DE DEBIT DE TREMIE D'EPANDEUR**
[72] CONNER, LEE ROBERT, US
[72] HICKENBOTTOM, RONALD JOE, US
[72] DENDY, DANNEY, US
[73] AGRI-FAB, INC., US
[86] (2693709)
[87] (2693709)
[22] 2010-02-19
[30] US (12/401,204) 2009-03-10

[11] **2,693,907**
[13] C
[51] **Int.Cl. G02B 6/34 (2006.01) G02B 6/126 (2006.01)**
[25] EN
[54] **POLARIZATION BEAM SPLITTER-POLARIZATION ROTATOR STRUCTURE**
[54] **SEPARATEUR DE FAISCEAU DE POLARISATION-ROTATEUR DE POLARISATION**
[72] LITTLE, BRENT E., US
[72] CHEN, WEI, US
[73] INFINERA CORPORATION, US
[85] 2010-01-15
[86] 2008-07-23 (PCT/US2008/070939)
[87] (WO2009/015241)
[30] US (11/782,457) 2007-07-24

[11] **2,697,486**
[13] C
[51] **Int.Cl. H04N 7/015 (2006.01)**
[25] EN
[54] **DIGITAL BROADCASTING RECEIVER AND METHOD FOR CONTROLLING THE SAME**
[54] **RECEPTEUR DE DIFFUSION NUMERIQUE ET PROCEDE POUR SA COMMANDE**
[72] LEE, SANG HYUP, KR
[72] CHOI, IN HWAN, KR
[72] KIM, JEONG WOO, KR
[72] LEE, CHUL SOO, KR
[72] SONG, JAE HYUNG, KR
[73] LG ELECTRONICS INC., KR
[85] 2010-02-23
[86] 2008-08-25 (PCT/KR2008/004976)
[87] (WO2009/028852)
[30] US (60/957,714) 2007-08-24
[30] US (60/974,084) 2007-09-21
[30] US (60/977,379) 2007-10-04
[30] US (61/044,504) 2008-04-13
[30] US (61/076,686) 2008-06-29
[30] KR (10-2008-0083036) 2008-08-25

[11] **2,697,926**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD FOR ANALYZING CODED DATA STREAMS SIMULTANEOUSLY TRANSMITTED IN IP NETWORKS**
[54] **PROCEDE D'ANALYSE DE FLUX DE DONNEES CODES TRANSMIS SIMULTANEMENT, DANS DES RESEAUX IP**
[72] HARTMANN, SIEGFRIED, DE
[72] KRUMBOECK, JOERG, DE
[73] UNIFY GMBH & CO. KG, DE
[85] 2010-02-25
[86] 2008-07-03 (PCT/EP2008/058552)
[87] (WO2009/030539)
[30] DE (10 2007 041 143.1) 2007-08-30

[11] **2,697,992**
[13] C
[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **B7 FAMILY MEMBER ZB7H6 AND RELATED COMPOSITIONS AND METHODS**
[54] **ZB7H6 MEMBRE DE LA FAMILLE B7 ET COMPOSITIONS ET PROCEDES APPARENTES**
[72] BRANDT, CAMERON S., US
[72] KENNEDY, JACOB J., US
[72] XU, WENFENG, US
[72] YI, EUGENE C., US
[72] FOX, BRIAN A., US
[72] GAO, ZEREN, US
[72] SIVAKUMAR, PALLAVUR V., US
[73] ZYMOGENETICS, INC., US
[85] 2010-02-25
[86] 2008-10-06 (PCT/US2008/078911)
[87] (WO2009/046407)
[30] US (60/977,584) 2007-10-04
[30] US (61/026,802) 2008-02-07
[30] US (61/095,875) 2008-09-10

[11] **2,699,091**
[13] C
[51] **Int.Cl. B42D 25/36 (2014.01) B42D 25/23 (2014.01) B42D 25/30 (2014.01)**
[25] EN
[54] **IDENTIFICATION DOCUMENTS INCLUDING ANTI-COUNTERFEITING FEATURES PROVIDING TAMPER EVIDENCE**
[54] **DOCUMENTS D'IDENTIFICATION COMPORTANT DES CARACTERISTIQUES ANTI-CONTREFACON ASSURANT L'INVIOLABILITE**
[72] JONES, ROBERT L., US
[72] BI, DAOSHEN, US
[72] LAZZOUNI, MOHAMED, US
[73] L-1 SECURE CREDENTIALING, INC., US
[86] (2699091)
[87] (2699091)
[22] 2010-04-06
[30] US (61/167,410) 2009-04-07

[11] **2,699,161**
[13] C
[51] **Int.Cl. G01N 33/58 (2006.01) C12Q 1/68 (2006.01) G01N 21/64 (2006.01) C12P 19/34 (2006.01) G05D 11/00 (2006.01)**
[25] EN
[54] **DYE COMPOSITION FOR FLUID TRANSFER CONTROL**
[54] **COMPOSITION DE TEINTURE POUR COMMANDE DE TRANSFERT DE FLUIDE**
[72] ANKENBAUER, WALTRAUD, DE
[72] HEINDL, DIETER, DE
[72] JOSEL, HANS-PETER, DE
[72] WEILKE, CHRISTIAN, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2699161)
[87] (2699161)
[22] 2010-04-07
[30] EP (09005256.4) 2009-04-09
[30] EP (09167140.4) 2009-08-04

[11] **2,699,240**
[13] C
[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/02 (2006.01) B01D 53/86 (2006.01)**
[25] FR
[54] **DESULFURIZATION PROCESS OF A GASEOUS EFFLUENT WITH AN ON-LINE ANALYSIS AND MONITORING DEVICE**
[54] **PROCEDE DE DESULFURATION D'UN EFFLUENT GAZEUX COMPORTANT UN DISPOSITIF D'ANALYSE EN LIGNE ET DE CONTROLE**
[72] GRANDJEAN, JULIEN, FR
[72] RENAUDOT, LAURENT, FR
[72] CARRETTE, PIERRE-LOUIS, FR
[72] DROZDZ, SOPHIE, FR
[73] IFP ENERGIES NOUVELLES, FR
[86] (2699240)
[87] (2699240)
[22] 2010-04-12
[30] FR (09/01.863) 2009-04-16

[11] **2,699,797**
[13] C
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/575 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **WELL TREATMENT FLUID COMPOSITIONS AND METHODS OF USE THAT INCLUDE A DELAYED RELEASE PERCARBONATE FORMULATION**
[54] **COMPOSITIONS DE FLUIDE DE TRAITEMENT DE PUITS ET PROCEDES D'UTILISATION QUI COMPRENNENT UNE FORMULATION DE PERCARBONATE A LIBERATION RETARDEE**
[72] ANDERSSON, CAROLINA HANNA MATILDA, SE
[72] EZZELARAB, MONA, SE
[72] JOHANSSON, CECILIA EVA MARIA, SE
[72] AFTEN, CARL WILHELM, US
[72] WATSON, WALTER PHILIP, US
[72] LALAMA, RICHARD ANTHONY, US
[72] MONTEITH, GEOFFREY ALLEN, US
[72] SCHINKEL, FRANK, DE
[73] KEMIRA CHEMICALS, INC., US
[85] 2010-03-16
[86] 2008-10-15 (PCT/US2008/079932)
[87] (WO2009/052142)
[30] US (60/979,975) 2007-10-15

[11] **2,699,828**
[13] C
[51] **Int.Cl. G01N 27/42 (2006.01) C12M 1/34 (2006.01) C12Q 1/26 (2006.01) G01N 27/327 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING SUBSTRATE CONCENTRATION AND DEVICE FOR THE SAME**
[54] **PROCEDE POUR MESURER UNE CONCENTRATION DE SUBSTRAT ET SON DISPOSITIF**
[72] TSUGAWA, WAKAKO, JP
[72] SODE, KOJI, JP
[73] BIOENGINEERING LABORATORIES, LLC, JP
[73] ARKRAY, INC., JP
[73] ULTIZYME INTERNATIONAL LTD., JP
[85] 2010-03-17
[86] 2008-09-18 (PCT/JP2008/002575)
[87] (WO2009/037840)
[30] JP (2007-241333) 2007-09-18

[11] **2,699,981**
[13] C
[51] **Int.Cl. C07D 239/22 (2006.01) A61K 31/513 (2006.01) A61P 31/12 (2006.01) C07D 239/54 (2006.01) C07D 401/10 (2006.01) C07D 403/10 (2006.01) C07D 409/10 (2006.01) C07D 413/10 (2006.01) C07D 417/10 (2006.01)**
[25] EN
[54] **URACIL OR THYMINE DERIVATIVE FOR TREATING HEPATITIS C**
[54] **DERIVE D'URACILE OU DE THYMINE POUR LE TRAITEMENT DE L'HEPATITE C**
[72] WAGNER, ROLF, US
[72] TUFANO, MICHAEL D., US
[72] STEWART, KENT D., US
[72] ROCKWAY, TODD W., US
[72] RANDOLPH, JOHN T., US
[72] PRATT, JOHN K., US
[72] MOTTER, CHRISTOPHER E., US
[72] MARING, CLARENCE J., US
[72] LONGENECKER, KENTON L., US
[72] LIU, YAYA, US
[72] LIU, DACHUN, US
[72] KRUEGER, ALLAN C., US
[72] KATI, WARREN M., US
[72] HUTCHINSON, DOUGLAS K., US
[72] HUANG, PEGGY P., US
[72] FLENTGE, CHARLES A., US
[72] DONNER, PAMELA L., US
[72] DEGOEY, DAVID A., US
[72] BETEBENNER, DAVID A., US
[72] BARNES, DAVID M., US
[72] CHEN, SHUANG, US
[72] FRANCZYK, THADDEUS S., II, US
[72] GAO, YI, US
[72] HAIGHT, ANTHONY R., US
[72] HENGEVELD, JOHN E., US
[72] HENRY, RODGER F., US
[72] KOTECKI, BRIAN J., US
[72] LOU, XIAOCHUN, US
[72] SARRIS, KATHY, US
[72] ZHANG, GEOFF G. Z., US
[73] ABBVIE IRELAND UNLIMITED COMPANY, BM
[85] 2010-03-16
[86] 2008-09-17 (PCT/US2008/076576)
[87] (WO2009/039127)
[30] US (60/972,877) 2007-09-17
[30] US (61/096,791) 2008-09-13

[11] **2,700,026**
[13] C
[51] **Int.Cl. A47K 5/12 (2006.01) A47K 10/32 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR INDICATING FUTURE NEED FOR PRODUCT REPLACEMENT OF RANDOM-USE DISPENSING**
[54] **METHODE ET DISPOSITIF INDIQUANT LA NECESSITE DE REAPPROVISIONNER UN PRODUIT A DISTRIBUTION ALEATOIRE**
[72] WEGELIN, JACKSON W., US
[73] GOJO INDUSTRIES, INC., US
[86] (2700026)
[87] (2700026)
[22] 2010-04-15
[30] US (12/425,444) 2009-04-17

[11] **2,700,274**
[13] C
[51] **Int.Cl. C07C 59/76 (2006.01) A61K 31/192 (2006.01) A61K 31/216 (2006.01) A61K 31/336 (2006.01) A61P 9/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **QUINONE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS, AND USES THEREOF**
[54] **DERIVES DE QUINONE, COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS CORRESPONDANTES**
[72] KELLEY, MARK R., US
[72] BORCH, RICHARD F., US
[72] NYLAND, RODNEY L., II, US
[73] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[73] PURDUE RESEARCH FOUNDATION, US
[85] 2010-03-19
[86] 2008-09-22 (PCT/US2008/077213)
[87] (WO2009/042544)
[30] US (60/975,396) 2007-09-26
[30] US (60/989,566) 2007-11-21

[11] **2,700,586**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 31/4162 (2006.01)**
[25] EN
[54] **CLONIDINE FORMULATIONS IN A BIODEGRADABLE POLYMER CARRIER**
[54] **PREPARATIONS A BASE DE CLONIDINE DANS UN EXCIPIENT POLYMERE BIODEGRADABLE**
[72] ZANELLA, JOHN MYERS, US
[72] KING, VANJA MARGARETA, US
[72] HOBOT, CHRISTOPHER M., US
[72] BIGGS, DANIELLE, US
[72] SHAW, KATARA, US
[72] MCDONALD, PHILLIP EDWARD, US
[72] MCKAY, WILLIAM F., US
[72] REMSEN, KATHY L., US
[73] WARSAW ORTHOPEDIC, INC., US
[73] MEDTRONIC, INC., US
[85] 2010-03-23
[86] 2009-04-17 (PCT/US2009/040953)
[87] (WO2009/129460)
[30] US (61/046,201) 2008-04-18
[30] US (12/420,197) 2009-04-08

[11] **2,700,692**
[13] C
[51] **Int.Cl. C09K 8/58 (2006.01) C10G 1/04 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND PROCESSES FOR SEPARATION OF BITUMEN FROM OIL SAND ORES**
[54] **COMPOSITIONS ET METHODES DE SEPARATION DU BITUME PRESENT DANS DES MINERAIS DE SABLE BITUMINEUX**
[72] KUKKONEN, JARI-JUKKA, FI
[72] AITTA, EERO, FI
[72] OINAS, PEKKA, FI
[72] JANSSON, KAJ, FI
[72] NAIR, MOHAN, US
[73] KEMIRA CHEMICALS INC., US
[86] (2700692)
[87] (2700692)
[22] 2010-04-12
[30] US (12/422,417) 2009-04-13

[11] **2,701,329**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **COMBINATION OF BLYS INHIBITION AND ANTI-CD 20 AGENTS FOR TREATMENT OF AUTOIMMUNE DISEASE**
[54] **COMBINAISON D'AGENTS D'INHIBITION DE BLYS ET D'AGENTS ANTI-CD 20 POUR LE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE**
[72] PONCE, RAFAEL A., JR., US
[72] BROLY, HERVE, FR
[72] GRAFFNER, HANS OTTO LENNART, SE
[72] PEANO, SERGIO, IT
[73] ZYMOGENETICS, INC., US
[73] ARES TRADING S.A., CH
[85] 2010-03-30
[86] 2008-10-16 (PCT/US2008/080177)
[87] (WO2009/052293)
[30] US (60/980,331) 2007-10-16

[11] **2,701,512**
[13] C
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 3/04 (2006.01) F01D 25/16 (2006.01) F16C 27/08 (2006.01) F16C 39/04 (2006.01) F16C 41/02 (2006.01)**
[25] EN
[54] **LOAD DISTRIBUTION SYSTEM FOR GAS TURBINE ENGINE**
[54] **SYSTEME DE REPARTITION DE CHARGE POUR TURBINE A GAZ**
[72] ALECU, DANIEL T., CA
[72] WATSON, JOHN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2701512)
[87] (2701512)
[22] 2010-04-23
[30] US (12/429,234) 2009-04-24

[11] **2,701,665**
[13] C
[51] **Int.Cl. E06B 9/174 (2006.01) E06B 9/72 (2006.01)**
[25] FR
[54] **TUBULAR DRIVE ACTUATOR OF A ROLLING SHUTTER**
[54] **ACTIONNEUR TUBULAIRE D'ENTRAINEMENT D'UN VOLET ROULANT**
[72] DUCORNETZ, BEATRICE, FR
[72] MAGLI, DENIS, FR
[73] SOMFY SAS, FR
[86] (2701665)
[87] (2701665)
[22] 2010-05-03
[30] FR (09 02150) 2009-05-05

[11] **2,703,054**
[13] C
[51] **Int.Cl. C07D 491/22 (2006.01) A61K 31/4375 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HYDRATED CRYSTALLINE ESTERS OF CAMPTOTHECIN FOR THE TREATMENT OF CANCER**
[54] **ESTERS CRISTALLINS HYDRATES DE CAMPTOTHECINE DESTINES AU TRAITEMENT DU CANCER**
[72] CAO, ZHISONG, US
[73] CAO PHARMACEUTICALS INC., US
[85] 2010-04-19
[86] 2008-10-24 (PCT/US2008/081047)
[87] (WO2009/055633)
[30] US (11/923,727) 2007-10-25

[11] **2,703,479**
[13] C
[51] **Int.Cl. C07D 409/06 (2006.01) A61K 31/4025 (2006.01) A61P 27/06 (2006.01) C07D 207/273 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **1,5-SUBSTITUTED GAMMA-LACTAMS**
[54] **LACTAMES GAMMA 1,5-SUBSTITUES**
[72] OLD, DAVID W., US
[72] NGO, VINH X., US
[73] ALLERGAN, INC., US
[85] 2010-04-22
[86] 2008-10-16 (PCT/US2008/080063)
[87] (WO2009/055289)
[30] US (60/981,918) 2007-10-23
[30] US (60/984,838) 2007-11-02

---

[11] **2,703,631**
[13] C
[51] **Int.Cl. G01N 1/28 (2006.01) C12N 5/09 (2010.01) C12M 3/08 (2006.01) C12Q 1/00 (2006.01) G01N 1/38 (2006.01) G01N 33/574 (2006.01) C12N 5/071 (2010.01)**
[25] EN
[54] **IMPROVED METHODS AND DEVICES FOR CELLULAR ANALYSIS**
[54] **PROCEDES ET DISPOSITIFS AMELIORES POUR L'ANALYSE CELLULAIRE**
[72] CLARK, DOUGLAS P., US
[72] SCHAYOWITZ, ADAM, US
[72] MURPHY, KATHLEEN M., US
[72] DIAMOND, SCOTT L., US
[73] BIOMARKER STRATEGIES, LLC, US
[85] 2010-04-23
[86] 2008-10-24 (PCT/US2008/012148)
[87] (WO2009/055052)
[30] US (60/982,279) 2007-10-24
[30] US (61/099,059) 2008-09-22

---

[11] **2,703,800**
[13] C
[51] **Int.Cl. G06F 3/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROL OF MULTIPLE DISPLAYS**
[54] **APPAREIL ET PROCEDE DE COMMANDE DE MULTIPLES DISPOSITIFS D'AFFICHAGE**
[72] GOVER, JAMES B., US
[72] BELAND, GRAHAM N., US
[73] PRISMVIEW, LLC, US
[85] 2010-04-26
[86] 2008-10-30 (PCT/US2008/081707)
[87] (WO2009/061656)
[30] US (11/936,609) 2007-11-07

---

[11] **2,704,296**
[13] C
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 51/10 (2006.01) A61P 19/00 (2006.01) A61P 29/00 (2006.01) C07K 14/54 (2006.01)**
[25] EN
[54] **AN ANTIGEN ASSOCIATED WITH RHEUMATOID ARTHRITIS**
[54] **UN ANTIGENE ASSOCIE A LA POLYARTHRITE RHUMATOIDE**
[72] KASPAR, MANUELA, CH
[72] SCHWAGER, KATHRIN, CH
[72] TRACHSEL, EVELINE, CH
[73] PHILOGEN S.P.A., IT
[85] 2010-04-30
[86] 2008-10-27 (PCT/EP2008/009070)
[87] (WO2009/056268)
[30] US (60/983,606) 2007-10-30

---

[11] **2,704,440**
[13] C
[51] **Int.Cl. A61G 17/04 (2006.01) A47G 33/00 (2006.01)**
[25] EN
[54] **CASKET AND MEMORIALIZATION ACCESSORY**
[54] **CERCUEIL ET ACCESSOIRE DE COMMEMORATION**
[72] ROJDEV, ILIJA, US
[73] BATESVILLE SERVICES, INC., US
[86] (2704440)
[87] (2704440)
[22] 2010-05-14
[30] US (12/467,046) 2009-05-15

---

[11] **2,704,877**
[13] C
[51] **Int.Cl. A61G 17/04 (2006.01) A61G 17/00 (2006.01)**
[25] EN
[54] **MEMORIALIZATION CASKET AND METHOD**
[54] **CERCUEIL DE COMMEMORATION ET METHODE**
[72] BURLAGE, JASON, US
[72] HOLZMAN, PAUL, US
[72] MOTZ, JANCY A., US
[72] ROJDEV, ILIJA, US
[73] BATESVILLE SERVICES, INC., US
[86] (2704877)
[87] (2704877)
[22] 2010-05-25
[30] US (61/181,032) 2009-05-26
[30] US (12/605,073) 2009-10-23

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[11] **2,705,468**
[13] C
[51] **Int.Cl. B25B 13/50 (2006.01) E21B 19/06 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **POWER TONG WITH DOOR JAMMER VALVE**
[54] **CLE DE VISSAGE AUTOMATIQUE AVEC VALVE CALE-PORTE**
[72] FEIGEL, KURT R., JR., CA
[72] BARKER, MARCIN K., CA
[73] FEIGEL, KURT R., JR., CA
[73] BARKER, MARCIN K., CA
[86] (2705468)
[87] (2705468)
[22] 2010-06-04

---

[11] **2,706,211**
[13] C
[51] **Int.Cl. F01D 17/26 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **AIR FILTRATION SYSTEM FOR GAS TURBINE ENGINE PNEUMATIC SYSTEM**
[54] **DISPOSITIF DE FILTRATION D'AIR POUR SYSTEME PNEUMATIQUE DE TURBINE A GAZ**
[72] WADDLETON, DAVID, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2706211)
[87] (2706211)
[22] 2010-06-04
[30] US (12/492,214) 2009-06-26

[11] **2,706,278**
[13] C
[51] **Int.Cl. B64D 39/00 (2006.01)**
[25] EN
[54] **ASSISTED IN-FLIGHT REFUELLING SYSTEM**
[54] **SYSTEME ASSISTE DE RAVITAILLEMENT EN VOL**
[72] DEGIORGIS, PIERO GIORGIO, IT
[72] MANETTI, VALERIO, IT
[73] SELEX GALILEO S.P.A., IT
[86] (2706278)
[87] (2706278)
[22] 2010-06-02
[30] IT (TV2009A000116) 2009-06-04

[11] **2,706,487**
[13] C
[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/06 (2006.01) A01N 25/30 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL GLYPHOSATE COMPOSITION**
[54] **COMPOSITION DE GLYPHOSATE HERBICIDE**
[72] STICKLER, CHRIS A., US
[72] WORTHLEY, RANDALL, US
[73] LOVELAND PRODUCTS, INC., US
[85] 2010-05-20
[86] 2008-12-09 (PCT/US2008/086052)
[87] (WO2009/076349)
[30] US (61/012,543) 2007-12-10

[11] **2,706,589**
[13] C
[51] **Int.Cl. H05H 1/00 (2006.01) H05H 1/02 (2006.01) H05H 1/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SIMULATION OF MAGNETOHYDRODYNAMICS**
[54] **DISPOSITIF ET PROCEDE POUR UNE SIMULATION DE MAGNETOHYDRODYNAMIQUE**
[72] HARAMEIN, NASSIM, US
[73] HARAMEIN, NASSIM, US
[85] 2010-05-21
[86] 2008-10-23 (PCT/US2008/012025)
[87] (WO2009/054976)
[30] US (11/976,364) 2007-10-24

[11] **2,706,614**
[13] C
[51] **Int.Cl. C07F 7/18 (2006.01)**
[25] EN
[54] **FLUOROALKYL SILANES**
[54] **FLUOROALKYL-SILANES**
[72] HERZOG, AXEL HANS-JOACHIM, US
[72] BROWN, GERALD ORONDE, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2010-05-21
[86] 2008-12-01 (PCT/US2008/085109)
[87] (WO2009/073595)
[30] US (61/005,444) 2007-12-04
[30] US (12/323,593) 2008-11-26

[11] **2,707,293**
[13] C
[51] **Int.Cl. F16K 3/02 (2006.01) F16K 3/312 (2006.01) F16K 3/316 (2006.01)**
[25] EN
[54] **A SLIDE VALVE, IN PARTICULAR FOR BLOCKING A LINE CONVEYING MEDIA**
[54] **ROBINET-VANNE A LUNETTE, EN PARTICULIER POUR BLOQUER UNE CANALISATION TRANSPORTANT UN FLUIDE**
[72] SIDLER, HANS-JOERG, CH
[73] SISTAG AG ABSPERRTECHNIK, CH
[86] (2707293)
[87] (2707293)
[22] 2010-06-10
[30] CH (01035/09) 2009-07-02

[11] **2,708,113**
[13] C
[51] **Int.Cl. C07F 9/58 (2006.01) A61K 31/4415 (2006.01) A61K 31/675 (2006.01) A61P 35/00 (2006.01) C07D 213/66 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR USE IN THE TREATMENT OF CANCER**
[54] **COMPOSES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DU CANCER**
[72] KARLSSON, JAN OLOF G., NO
[72] KURZ, TINO, SE
[72] ANDERSSON, ROLF, SE
[73] PLEDPHARMA AB, SE
[85] 2010-06-03
[86] 2008-12-12 (PCT/SE2008/051450)
[87] (WO2009/078794)
[30] US (61/006,010) 2007-12-14

[11] **2,708,737**
[13] C
[51] **Int.Cl. H04L 29/14 (2006.01) H04L 12/24 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD OF AND DEVICE FOR RECOVERING FROM A ROOT BRIDGE FAILURE**
[54] **PROCEDE ET DISPOSITIF DE REPRISE APRES DEFAILLANCE DU PONT RACINE**
[72] PUSTYLNIK, MICHAEL, CA
[73] SIEMENS CANADA LIMITED, CA
[86] (2708737)
[87] (2708737)
[22] 2010-06-29

[11] **2,709,777**
[13] C
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING APPARATUS**
[54] **AGRAFEUSE CHIRURGICALE**
[72] ZEMLOK, MICHAEL A., US
[72] ROSS, ADAM J., US
[72] PRIBANIC, RUSSELL, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2709777)
[87] (2709777)
[22] 2010-07-15
[30] US (61/232,826) 2009-08-11
[30] US (12/796,270) 2010-06-08

[11] **2,710,525**
[13] C
[51] **Int.Cl. A61K 31/337 (2006.01) A61K 9/10 (2006.01) A61K 9/51 (2006.01)**
[25] EN
[54] **NANODISPERSION**
[54] **NANODISPERSION**
[72] KHOPADE, AJAY JAYSINGH, IN
[72] BHOWMICK, SUBHAS BALARAM, IN
[72] ARULSUDAR, NATARAJAN, IN
[73] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
[85] 2010-06-22
[86] 2008-12-23 (PCT/IN2008/000857)
[87] (WO2009/087678)
[30] IN (2527/MUM/2007) 2007-12-24

[11] **2,710,593**
[13] C
[51] **Int.Cl. G02C 13/00 (2006.01)**
[25] EN
[54] **AN ASYNCHRONOUS METHOD FOR OBTAINING SPECTACLE FEATURES TO ORDER**
[54] **PROCEDE ASYNCHRONE PERMETTANT D'OBTENIR DES CARACTERISTIQUES DE LUNETTES A COMMANDER**
[72] SUY, SAURPHEA, FR
[72] CLARA, PHILIPPE, FR
[72] CHAILLEY, SEBASTIEN, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2010-06-23
[86] 2008-12-23 (PCT/EP2008/068273)
[87] (WO2009/065964)
[30] EP (07301754.3) 2007-12-28

[11] **2,710,639**
[13] C
[51] **Int.Cl. G01R 31/02 (2006.01) G01R 31/11 (2006.01) H04B 3/46 (2015.01) H04M 1/24 (2006.01)**
[25] EN
[54] **TEST INSTRUMENT FOR PULSE TDR, STEP TDR AND TRANSMISSION ANALYSIS**
[54] **APPAREIL D'ESSAI POUR REFLECTOMETRIE DE DOMAINE TEMPOREL IMPULSIONNELLE, REFLECTOMETRIE DE DOMAINE TEMPOREL PAR ETAPES, ET ANALYSE DE LA TRANSMISSION**
[72] DURSTON, THOMAS W., US
[73] TEXTRON INNOVATIONS INC., US
[86] (2710639)
[87] (2710639)
[22] 2010-07-21
[30] US (61/227,143) 2009-07-21
[30] US (12/838,199) 2010-07-16

[11] **2,710,646**
[13] C
[51] **Int.Cl. A61K 38/50 (2006.01) A61K 9/50 (2006.01) A61K 31/282 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ASPARAGINASE ENCAPSULATED IN RED CORPUSCLES FOR THE TREATMENT OF CANCER OF THE PANCREAS**
[54] **ASPARAGINASE ENCAPSULEE DANS DES CORPUSCULES ROUGES POUR LE TRAITEMENT DU CANCER DU PANCREAS**
[72] DUFOUR, EMMANUELLE-CECILE, FR
[72] GODFRIN, YANN, FR
[73] ERYTECH PHARMA, FR
[85] 2010-06-23
[86] 2008-12-24 (PCT/EP2008/068289)
[87] (WO2009/080837)
[30] FR (07 60345) 2007-12-24

[11] **2,710,715**
[13] C
[51] **Int.Cl. B65D 5/42 (2006.01) B65D 21/02 (2006.01) B65D 85/00 (2006.01) B65D 85/18 (2006.01)**
[25] EN
[54] **CONTAINER ASSEMBLY HAVING REMOVABLE EXTERIOR SHELF STRUCTURES**
[54] **CONTENEUR POURVU DE STRUCTURES D'ETAGERES EXTERIEURES AMOVIBLES**
[72] RAMSEY, BRIAN, US
[72] HAY, HENRY F., CA
[72] KIRBY, LESLIE, US
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2710715)
[87] (2710715)
[22] 2010-07-21
[30] US (61/234,336) 2009-08-17

[11] **2,710,997**
[13] C
[51] **Int.Cl. H05B 6/12 (2006.01) H05B 6/06 (2006.01)**
[25] EN
[54] **METHOD FOR SUPPLYING POWER TO INDUCTION COOKING ZONES OF AN INDUCTION COOKING HOB HAVING A PLURALITY OF POWER CONVERTERS, AND INDUCTION COOKING HOB USING SUCH METHOD**
[54] **METHODE D'ALIMENTATION DES ZONES DE CUISSON PAR INDUCTION D'UN PLAN DE CUISSON PAR INDUCTION POURVU DE CONVERTISSEURS DE SECTEUR, PLAN DE CUISSON PAR INDUCTION FAISANT APPEL A CETTE METHODE**
[72] PARACHINI, DAVIDE, IT
[72] DEL BELLO, FRANCESCO, IT
[72] DE ANGELIS, ANDREA, IT
[72] PADERNO, JURIJ, IT
[73] WHIRLPOOL CORPORATION, US
[73] TEKA INDUSTRIAL S.A., ES
[86] (2710997)
[87] (2710997)
[22] 2010-07-23
[30] EP (09172198.5) 2009-10-05

[11] **2,711,707**
[13] C
[51] **Int.Cl. H01J 49/10 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **METHODS FOR FRAGMENTING IONS IN A LINEAR ION TRAP**
[54] **PROCEDES SERVANT A FRAGMENTER DES IONS DANS UN PIEGE A IONS LINEAIRE**
[72] COLLINGS, BRUCE, CA
[72] GUNA, MIRCEA, CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2010-07-06
[86] 2009-01-26 (PCT/CA2009/000090)
[87] (WO2009/094762)
[30] US (61/025,023) 2008-01-31

[11] **2,713,675**
[13] C
[51] **Int.Cl. A61B 5/02 (2006.01)**
[25] EN
[54] **DEVICE AND PROCESS FOR CALCULATING NEW INDICES OF ARTERIAL STIFFNESS, AND/OR FOR STROKE VOLUME MONITORING**
[54] **DISPOSITIF ET METHODE DE CALCUL DE NOUVEAUX INDICES DE LA RIGIDITE ARTERIELLE, ET/OU DE SURVEILLANCE DU VOLUME D'EJECTION**
[72] CHEMLA, DENIS, FR
[72] PLAMANN, KARSTEN, FR
[72] NITENBERG, ALAIN, FR
[73] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
[73] UNIVERSITE PARIS SUD, FR
[73] UNIVERSITE PARIS 13, FR
[73] ECOLE NATIONALE SUPERIEURE DE TECHNIQUES AVANCEES, FR
[85] 2010-07-29
[86] 2009-02-12 (PCT/EP2009/051647)
[87] (WO2009/101140)
[30] US (61/029,013) 2008-02-15

---

[11] **2,713,714**
[13] C
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR ISOLATING PORTIONS OF A WELLHEAD FROM FLUID PRESSURE**
[54] **MANCHON DE DERIVATION POUR TETE DE PUITS**
[72] NGUYEN, DENNIS P., US
[72] PAINTER, JAY PATRICK, US
[72] GUIDRY, KIRK PAUL, US
[73] CAMERON INTERNATIONAL CORPORATION, US
[85] 2010-07-29
[86] 2009-02-25 (PCT/US2009/035143)
[87] (WO2009/108701)
[30] US (61/031,331) 2008-02-25
[30] US (61/142,133) 2008-12-31
[30] US (12/391,977) 2009-02-24

---

[11] **2,714,752**
[13] C
[51] **Int.Cl. A63F 1/00 (2006.01) A63F 13/30 (2014.01) G07F 17/32 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR CARD GAMES WITH CARD REPLACEMENT**
[54] **DISPOSITIFS ET METHODES DE REMPLACEMENT DE CARTES POUR JEUX DE CARTES**
[72] NAICKER, THEO, ZA
[73] WATERLEAF LTD., GB
[86] (2714752)
[87] (2714752)
[22] 2010-09-15
[30] US (12/580,607) 2009-10-16
[30] US (12/580,615) 2009-10-16
[30] US (12/703,960) 2010-02-11

---

[11] **2,714,799**
[13] C
[51] **Int.Cl. A63F 1/00 (2006.01) A63F 13/30 (2014.01) G07F 17/32 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR MULTI-STATE CARD GAMES WITH CARD REPLACEMENT**
[54] **DISPOSITIFS ET METHODES DE REMPLACEMENT DE CARTES POUR JEUX DE CARTES A ETAPES MULTIPLES**
[72] NAICKER, THEO, ZA
[73] WATERLEAF LTD., GB
[86] (2714799)
[87] (2714799)
[22] 2010-09-15
[30] US (12/580,607) 2009-10-16
[30] US (12/580,615) 2009-10-16

---

[11] **2,714,828**
[13] C
[51] **Int.Cl. A63F 1/00 (2006.01) A63F 13/30 (2014.01) G07F 17/32 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR CARD GAMES WITH CARD REPLACEMENT**
[54] **DISPOSITIFS ET METHODES DE REMPLACEMENT DE CARTES POUR JEUX DE CARTES**
[72] NAICKER, THEO, ZA
[73] WATERLEAF LTD., GB
[86] (2714828)
[87] (2714828)
[22] 2010-09-15
[30] US (12/580,607) 2009-10-16
[30] US (12/580,615) 2009-10-16

---

[11] **2,715,352**
[13] C
[51] **Int.Cl. B01D 53/86 (2006.01) B01J 23/56 (2006.01) B01J 29/072 (2006.01)**
[25] EN
[54] **PROCESS AND CATALYST SYSTEM FOR SCR OF NOX**
[54] **PROCEDE ET SYSTEME CATALYTIQUE POUR LA RCS DES NOX**
[72] STAKHEV, ALEXANDR, RU
[72] DAHL, SOREN, DK
[72] GEKAS, IOANNIS, SE
[72] GABRIELSSON, PAER, L.T., SE
[73] HALDOR TOPSOEE A/S, DK
[86] (2715352)
[87] (2715352)
[22] 2010-09-21
[30] DK (PA 2009 01054) 2009-09-24

---

[11] **2,716,672**
[13] C
[51] **Int.Cl. A61B 17/10 (2006.01) G06M 15/00 (2011.01)**
[25] EN
[54] **WIRELESS CLIP COUNTER**
[54] **COMPTE-AGRAFES SANS FIL**
[72] BINDRA, MANJIT SINGH, IN
[72] RAMLINGAM, PRABHU, IN
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2716672)
[87] (2716672)
[22] 2010-10-05
[30] US (61/248,944) 2009-10-06
[30] US (12/895,901) 2010-10-01

---

[11] **2,717,448**
[13] C
[51] **Int.Cl. A61B 17/10 (2006.01)**
[25] EN
[54] **SUTURE CLIP APPLIER**
[54] **POSEUR D'AGRAFES CHIRURGICALES**
[72] PRIBANIC, RUSSELL, US
[72] MARCZYK, STANISLAW, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2717448)
[87] (2717448)
[22] 2010-10-12
[30] US (61/250,894) 2009-10-13
[30] US (12/897,868) 2010-10-05

[11] **2,717,469**
[13] C
[51] **Int.Cl. H04N 21/4363 (2011.01) H04N 21/20 (2011.01) H04N 21/436 (2011.01) H04N 21/478 (2011.01) G06F 13/12 (2006.01) H03K 17/945 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR IMPLEMENTING PERIPHERAL DEVICES USING A HIGH DEFINITION MULTIMEDIA INTERFACE**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR METTRE EN OEUVRE DES DISPOSITIFS PERIPHERIQUES A L'AIDE D'UNE INTERFACE MULTIMEDIA HAUTE DEFINITION**
[72] HERLEIN, GREGORY CHARLES, US
[72] FRANCIS, SCOTT, US
[72] REPECH, STEVE, US
[73] THOMSON LICENSING, FR
[85] 2010-09-02
[86] 2008-06-25 (PCT/US2008/007897)
[87] (WO2009/113988)
[30] US (61/069,526) 2008-03-14

[11] **2,717,659**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 37/02 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 5/16 (2006.01)**
[25] EN
[54] **THERAPEUTIC APPLICATIONS OF ACTIVATION OF HUMAN ANTIGEN-PRESENTING CELLS THROUGH DECTIN-1**
[54] **APPLICATIONS THERAPEUTIQUES DES CELLULES PRESENTANT UN ANTIGENE HUMAIN PAR L'INTERMEDIAIRE DE LA DECTINE-1**
[72] BANCHEREAU, JACQUES F., US
[72] OH, SANGKON, US
[72] ZURAWSKI, GERARD, US
[72] ZURAWSKI, SANDRA, US
[72] NI, LING, US
[73] BAYLOR RESEARCH INSTITUTE, US
[85] 2010-08-18
[86] 2008-02-22 (PCT/US2008/054798)
[87] (WO2008/118587)
[30] US (60/891,425) 2007-02-23

[11] **2,717,717**
[13] C
[51] **Int.Cl. B23P 6/04 (2006.01)**
[25] EN
[54] **A METHOD FOR REPAIRING A GAS TURBINE COMPONENT**
[54] **METHODE DE REPARATION D'ELEMENT DE TURBINE A GAZ**
[72] HOVEL, SIMONE, CH
[72] AMBROSY, GUNTER, CH
[72] HOBEL, MATTHIAS, CH
[73] ANSALDO ENERGIA IP UK LIMITED, GB
[86] (2717717)
[87] (2717717)
[22] 2010-10-15
[30] US (61/256,386) 2009-10-30

[11] **2,718,123**
[13] C
[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 239/88 (2006.01) C07D 239/93 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **QUINAZOLINE DERIVATIVES AS RAF KINASE MODULATORS AND METHODS OF USE THEREOF**
[54] **COMPOSES QUINAZOLINE UTILES EN TANT QUE DE MODULATEURS DES KINASES RAF ET METHODES D'UTILISATION DE CES DERNIERS**
[72] ABRAHAM, SUNNY, US
[72] BHAGWAT, SHRIPAD, US
[72] CAMPBELL, BRIAN T., US
[72] CHAO, QI, US
[72] FARAONI, RAFFAELLA, US
[72] HOLLADAY, MARK W., US
[72] LAI, ANDILIY G., US
[72] ROWBOTTOM, MARTIN W., US
[72] SETTI, EDUARDO, US
[72] SPRANKLE, KELLY G., US
[73] AMBIT BIOSCIENCES CORPORATION, US
[85] 2010-09-09
[86] 2009-03-17 (PCT/US2009/001659)
[87] (WO2009/117080)
[30] US (61/110,508) 2008-10-31
[30] US (61/069,763) 2008-03-17

[11] **2,718,402**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4985 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PYRIDOPYRAZINONES DERIVATIVES INSULIN SECRETION STIMULATORS, METHODS FOR OBTAINING THEM AND USE THEREOF FOR THE TREATMENT OF DIABETES**
[54] **DERIVES DE PYRIDOPYRAZINONE COMME STIMULATEURS DE LA SECRETION D'INSULINE, LEURS PROCEDES D'OBTENTION ET LEUR UTILISATION POUR LE TRAITEMENT DU DIABETE**
[72] BOTTON, GERARD, FR
[72] VALEUR, ERIC, FR
[72] KERGOAT, MICHELINE, FR
[72] CHARON, CHRISTINE, FR
[72] ELBAWAB, SAMER, FR
[73] MERCK PATENT GMBH, DE
[85] 2010-09-03
[86] 2009-02-27 (PCT/EP2009/001428)
[87] (WO2009/109341)
[30] EP (08004052.0) 2008-03-05

[11] **2,718,455**
[13] C
[51] **Int.Cl. C07C 2/36 (2006.01)**
[25] EN
[54] **ETHYLENE OLIGOMERIZATION USING PARTIALLY HYDROLYZED TMA IN A NON-AROMATIC SOLVENT**
[54] **OLIGOMERISATION D'ETHYLENE AU MOYEN DE TMA PARTIELLEMENT HYDROLYSE DANS UN SOLVANT NON AROMATIQUE**
[72] BROWN, STEPHEN JOHN, CA
[72] CARTER, CHARLES ASHTON GARRET, CA
[72] CHISHOLM, P. SCOTT, CA
[72] JABER, ISAM, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2718455)
[87] (2718455)
[22] 2010-10-22

[11] **2,718,855**
[13] C
[51] **Int.Cl. A01K 1/03 (2006.01)**
[25] EN
[54] **CAGE RACK SYSTEM AND METHOD FOR SAMPLING AIRBORNE PARTICLES FROM A CAGE RACK SYSTEM**
[54] **SYSTEME D'ETAGERE POUR CAGES ET PROCEDE D'ECHANTILLONNAGE DE PARTICULES EN SUSPENSION DANS L'AIR PROVENANT D'UN SYSTEME D'ETAGERE POUR CAGES**
[72] BRIELMEIER, MARKUS, DE
[72] SCHMIDT, JORG, DE
[73] HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH), DE
[85] 2010-09-17
[86] 2009-03-11 (PCT/EP2009/001730)
[87] (WO2009/115220)
[30] EP (08004970.3) 2008-03-17

[11] **2,718,945**
[13] C
[51] **Int.Cl. H04W 24/02 (2009.01)**
[25] EN
[54] **METHOD OF NETWORK MANAGEMENT BY ASSISTANCE FROM TERMINAL USING CONTROL-PLANE SIGNALING BETWEEN TERMINAL AND NETWORK**
[54] **PROCEDE DE GESTION DE RESEAU PAR ASSISTANCE DEPUIS UN TERMINAL UTILISANT UNE SIGNALISATION DE PLAN DE COMMANDE ENTRE LE TERMINAL ET LE RESEAU**
[72] SONG, OSOK, US
[72] KITAZOE, MASATO, US
[72] FLORE, ORONZO, US
[72] MISHRA, ANJALI, US
[72] GRILLI, FRANCESCO, US
[73] QUALCOMM INCORPORATED, US
[85] 2010-09-17
[86] 2009-03-17 (PCT/US2009/037433)
[87] (WO2009/117443)
[30] US (61/037,443) 2008-03-18
[30] US (61/109,024) 2008-10-28
[30] US (12/403,925) 2009-03-13

[11] **2,719,389**
[13] C
[51] **Int.Cl. G01V 1/36 (2006.01) G01V 1/32 (2006.01)**
[25] EN
[54] **METHOD FOR FULL-BANDWIDTH DEGHOSTING OF MARINE SEISMIC STREAMER DATA**
[54] **METHODE D'ELIMINATION D'IMAGES FANTOMES DE DONNEES D'IMAGES DE FLUTE SISMIQUE MARINE**
[72] RIYANTI, CHRISTINA D., NL
[72] VAN BORSELEN, ROALD G., NL
[72] FOKKEMA, JACOB T., NL
[72] VAN DEN BERG, PETER M., NL
[73] PGS GEOPHYSICAL AS, NO
[86] (2719389)
[87] (2719389)
[22] 2010-10-29
[30] US (12/590,642) 2009-11-12

[11] **2,719,839**
[13] C
[51] **Int.Cl. A61B 6/04 (2006.01) A61D 3/00 (2006.01)**
[25] EN
[54] **ANIMAL HOLDER FOR IN VIVO TOMOGRAPHIC IMAGING WITH MULTIPLE MODALITIES**
[54] **PORTE-ANIMAL POUR IMAGERIE TOMOGRAPHIQUE IN VIVO AVEC MODES D'APPLICATION MULTIPLES**
[72] YARED, WAEL I., US
[72] WILSON, ANDREW K., US
[73] VISEN MEDICAL, INC., US
[85] 2010-09-24
[86] 2009-03-25 (PCT/US2009/038213)
[87] (WO2009/120758)
[30] US (61/039,377) 2008-03-25

[11] **2,720,368**
[13] C
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **HER2/NEU-SPECIFIC ANTIBODIES AND METHODS OF USING SAME**
[54] **ANTICORPS SPECIFIQUES DE HER2/NEU ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] JOHNSON, LESLIE S., US
[72] HUANG, LING, US
[72] TUAILLON, NADINE, US
[72] BONVINI, EZIO, US
[73] MACROGENICS, INC., US
[85] 2010-10-01
[86] 2009-03-25 (PCT/US2009/038201)
[87] (WO2009/123894)
[30] US (61/041,649) 2008-04-02

[11] **2,721,002**
[13] C
[51] **Int.Cl. B01J 23/652 (2006.01) C10G 49/04 (2006.01) C10G 65/02 (2006.01)**
[25] EN
[54] **CATALYST SYSTEMS AND METHODS FOR CONVERTING A CRUDE FEED WITH SUCH CATALYST SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE CATALYSE POUR CONVERTIR UN ALIMENT BRUT A L'AIDE DE TELS SYSTEMES DE CATALYSE**
[72] BHAN, OPINDER KISHAN, US
[72] WELLINGTON, SCOTT LEE, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2010-10-07
[86] 2009-04-10 (PCT/US2009/040248)
[87] (WO2009/126909)
[30] US (61/043,941) 2008-04-10

[11] **2,721,610**
[13] C
[51] **Int.Cl. B65D 83/00 (2006.01) A47G 19/30 (2006.01) A47J 47/01 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **DISPENSER**
[54] **DISTRIBUTEUR**
[72] HAGEN, HOLGER, DE
[73] RPC BRAMLAGE GMBH, DE
[85] 2010-10-15
[86] 2009-04-15 (PCT/EP2009/054450)
[87] (WO2009/127651)
[30] DE (10 2008 019 007.1) 2008-04-15

[11] **2,722,722**
[13] C
[51] **Int.Cl. G01N 27/00 (2006.01) G01N 33/22 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **POLAR COMPONENT DETECTION**
[54] **DETECTION DE COMPOSANT POLAIRE**
[72] GIVEN, RUSSELL M., CA
[73] TRANSCANADA PIPELINES LIMITED, CA
[86] (2722722)
[87] (2722722)
[22] 2010-11-24

---

[11] **2,723,307**
[13] C
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/70 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **TAMPER RESISTANT OPIOID COMPOSITION FOR TREATING SKIN LESIONS**
[54] **COMPOSITION D'OPIOIDE INVIOLABLE DESTINEE AU TRAITEMENT DE LESIONS CUTANEES**
[72] OKSCHE, ALEXANDER, DE
[72] SMITH, KEVIN J., GB
[72] PRATER, DEREK, GB
[72] WALDEN, MALCOLM, GB
[72] HEATH, WILL, GB
[72] KENNEDY, BERNARD, IE
[72] ADDISON, VANESSA, GB
[72] MOHAMMAD, HASSAN, GB
[73] EURO-CELTIQUE S.A., LU
[85] 2010-11-03
[86] 2009-05-05 (PCT/EP2009/055422)
[87] (WO2009/135846)
[30] EP (08155648.2) 2008-05-05

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[11] **2,723,704**
[13] C
[51] **Int.Cl. C07C 291/00 (2006.01) A61K 31/04 (2006.01) A61K 31/16 (2006.01) A61P 27/06 (2006.01) C07C 405/00 (2006.01)**
[25] EN
[54] **NITRIC OXIDE DONATING PROSTAMIDES**
[54] **PROSTAMIDES DONNEURS D'OXYDE NITRIQUE**
[72] BENEDINI, FRANCESCA, IT
[72] BIONDI, STEFANO, IT
[72] CHIROLI, VALERIO, IT
[72] CHONG, WESLEY KWAN MUNG, US
[72] DONG, LIMING, US
[72] KRAUSS, ACHIM HANS-PETER, US
[72] NICOLI, FABIO, IT
[72] PRASANNA, GANESH, US
[72] VERNIER, WILLIAM FRANCOIS, US
[72] YANG, YI, US
[73] NICOX S.A., FR
[85] 2010-11-05
[86] 2009-05-11 (PCT/IB2009/005594)
[87] (WO2009/136281)
[30] US (61/052,084) 2008-05-09
[30] US (61/139,333) 2008-12-19

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[11] **2,723,785**
[13] C
[51] **Int.Cl. D01F 11/00 (2006.01) C08J 7/04 (2006.01) D01F 11/04 (2006.01)**
[25] EN
[54] **CONFORMAL COATING OF POLYMER FIBERS ON NONWOVEN SUBSTRATES**
[54] **REVETEMENT ENROBANT DE FIBRES POLYMERES SUR DES SUBSTRATS NON TISSES**
[72] ZHENG, YONG, US
[72] CHOWDHURY, SUMANA ROY, US
[72] GURGEL, PATRICK VASCONCELOS, US
[72] LIU, HAIYAN, US
[72] CARBONELL, RUBEN G., US
[73] PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES INC., US
[73] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2010-11-05
[86] 2009-06-10 (PCT/US2009/003486)
[87] (WO2009/151593)
[30] US (61/060,196) 2008-06-10

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[11] **2,723,853**
[13] C
[51] **Int.Cl. G01N 27/04 (2006.01) G01N 27/07 (2006.01)**
[25] EN
[54] **MEASURING DEVICE OF THE ELECTRIC PROPERTIES OF SOLID OR LIQUID GEOLOGICAL SAMPLES**
[54] **DISPOSITIF DE MESURE DES PROPRIETES ELECTRIQUES D'ECHANTILLONS GEOLOGIQUES SOLIDES OU LIQUIDES**
[72] CAPACCIOLI, SIMONE, IT
[72] LUCCHESI, MAURO, IT
[72] BONA, NICOLA GIOVANNI, IT
[73] ENI S.P.A., IT
[85] 2010-11-08
[86] 2009-05-12 (PCT/EP2009/003461)
[87] (WO2009/138240)
[30] IT (MI2008A000873) 2008-05-14

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[11] **2,724,368**
[13] C
[51] **Int.Cl. E02D 27/02 (2006.01) E01D 19/02 (2006.01) E02D 27/32 (2006.01) E02D 27/42 (2006.01) E04H 12/22 (2006.01) E04H 17/22 (2006.01)**
[25] EN
[54] **PIER BRACKET**
[54] **FIXATION DE QUAI**
[72] JONES, BRIAN W., US
[72] JONES, DONALD W., US
[73] WILLAMETTE GRAYSTONE, INC., US
[86] (2724368)
[87] (2724368)
[22] 2010-12-08
[30] US (12/635,585) 2009-12-10

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[11] **2,724,486**
[13] C
[51] **Int.Cl. A23L 27/40 (2016.01) A23L 27/00 (2016.01) A23P 10/20 (2016.01)**
[25] EN
[54] **SALT AND INGREDIENT COMPOSITIONS**
[54] **SEL ET COMPOSITIONS D'INGREDIENTS**
[72] ADKINS, JESSICA, US
[72] ASCHAUER, MARTIN N., US
[73] CARGILL, INCORPORATED, US
[85] 2010-11-15
[86] 2009-05-29 (PCT/US2009/045685)
[87] (WO2009/155113)
[30] US (61/130,360) 2008-05-30

[11] **2,724,627**
[13] C
[51] **Int.Cl. H04N 21/478 (2011.01) H04N 21/258 (2011.01) H04N 21/436 (2011.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **TARGETED TELEVISION ADVERTISEMENTS ASSOCIATED WITH ONLINE USERS' PREFERRED TELEVISION PROGRAMS OR CHANNELS**
[54] **PUBLICITES TELEVISUELLES CIBLEES ASSOCIEES A DES CHAINES OU A DES PROGRAMMES DE TELEVISION PREFERES D'UTILISATEURS EN LIGNE**
[72] SHKEDI, ROY, US
[73] INTENT IQ, LLC, US
[85] 2010-11-16
[86] 2009-06-02 (PCT/US2009/046031)
[87] (WO2009/149128)
[30] US (12/131,798) 2008-06-02

[11] **2,724,786**
[13] C
[51] **Int.Cl. F04B 51/00 (2006.01) F04B 11/00 (2006.01) F04D 29/00 (2006.01) F04D 29/66 (2006.01) G01M 3/00 (2006.01) G01S 7/521 (2006.01) G01S 15/88 (2006.01)**
[25] EN
[54] **APPLICATIONS OF PUMP PERFORMANCE MONITORING**
[54] **APPLICATIONS DE SURVEILLANCE DES PERFORMANCES D'UNE POMPE**
[72] LOOSE, DOUGLAS H., US
[72] O'KEEFE, CHRISTIAN VICTOR, US
[72] MARON, ROBERT J., US
[72] POPLAWSKI, JOSEPH L., US
[72] DAVIS, MICHAEL A., US
[72] FERNALD, MARK R., US
[72] BAILEY, TIMOTHY J., US
[73] CIDRA CORPORATE SERVICES, INC., US
[85] 2010-11-17
[86] 2009-05-20 (PCT/US2009/044658)
[87] (WO2009/143232)
[30] US (61/054,566) 2008-05-20
[30] US (61/054,575) 2008-05-20
[30] US (61/054,592) 2008-05-20
[30] US (61/054,600) 2008-05-20
[30] US (61/054,608) 2008-05-20
[30] US (61/054,732) 2008-05-20
[30] US (61/054,901) 2008-05-21

[11] **2,725,061**
[13] C
[51] **Int.Cl. G01N 23/12 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **DETECTION AND AUTOMATIC CORRECTION FOR DEPOSITION IN A TUBULAR USING MULTI-ENERGY GAMMA-RAY MEASUREMENTS**
[54] **DETECTION ET CORRECTION AUTOMATIQUE DE DEPOT DANS UN MATERIEL TUBULAIRE A L'AIDE DE MESURES PAR RAYONS GAMMA MULTI-ENERGIE**
[72] PINGUET, BRUNO, FR
[72] CUMBE, CARLOS, QA
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-07-27
[86] 2009-01-29 (PCT/IB2009/050365)
[87] (WO2009/095876)
[30] US (61/024,370) 2008-01-29

[11] **2,725,072**
[13] C
[51] **Int.Cl. B66D 1/36 (2006.01)**
[25] EN
[54] **ELECTRIC MINING SHOVEL HOIST ROPE IMPACT-REDUCTION BOX**
[54] **BOITE DE REDUCTION D'IMPACT DE CABLES DE LEVAGE D'UNE PELLE EXCAVATRICE ELECTRIQUE**
[72] WILCOX, CRAIG A., US
[73] PREMIER TECHNOLOGY, INC., US
[85] 2010-11-19
[86] 2009-05-20 (PCT/US2009/044718)
[87] (WO2009/143276)
[30] US (61/054,555) 2008-05-20

[11] **2,725,110**
[13] C
[51] **Int.Cl. C07D 213/74 (2006.01) A61K 31/175 (2006.01) A61P 29/00 (2006.01) C07C 281/06 (2006.01) C07D 233/88 (2006.01) C07D 239/42 (2006.01) C07D 241/20 (2006.01) C07D 241/24 (2006.01) C07D 265/36 (2006.01) C07D 333/36 (2006.01) C07D 401/04 (2006.01) C07D 409/06 (2006.01) C07D 417/04 (2006.01) C07D 487/08 (2006.01)**
[25] EN
[54] **BENZENE OR THIOPHENE DERIVATIVE AND USE THEREOF AS VAP-1 INHIBITOR**
[54] **DERIVE DE BENZENE OU DE THIOPHENE ET SON UTILISATION EN TANT QU'INHIBITEUR DE LA VAP-1**
[72] MATSUKAWA, TATSUYA, JP
[72] MASUZAKI, KAZUHIRO, JP
[72] KAWASAKI, AKIKO, JP
[72] AKASAKA, AKIKO, JP
[72] KAWAI, YOSUKE, JP
[73] R-TECH UENO, LTD., JP
[85] 2010-11-19
[86] 2009-05-29 (PCT/JP2009/060302)
[87] (WO2009/145360)
[30] JP (2008-143197) 2008-05-30

[11] **2,725,180**
[13] C
[51] **Int.Cl. H04W 8/02 (2009.01) H04W 4/00 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **DYNAMIC CALL ANCHORING**
[54] **ANCRAGE DYNAMIQUE D'UN APPEL**
[72] OLSON, TIMOTHY S., US
[73] SHORETEL, INC., US
[85] 2010-11-22
[86] 2009-04-14 (PCT/US2009/040515)
[87] (WO2009/131873)
[30] US (12/106,558) 2008-04-21

[11] **2,725,752**
[13] C
[51] **Int.Cl. F24H 1/18 (2006.01)**
[25] EN
[54] **HOT WATER HEATER AND METHOD OF SUPPLYING HOT WATER**
[54] **CHAUFFE-EAU ET PROCEDE D'ALIMENTATION EN EAU CHAUDE**
[72] PETERI, NIELS THEODOOR, NL
[73] HENRI PETERI BEHEER B.V., NL
[85] 2010-11-24
[86] 2009-06-10 (PCT/NL2009/050321)
[87] (WO2009/151321)
[30] NL (2001674) 2008-06-12

[11] **2,726,226**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **USER-REQUEST-INITIATED TRANSMISSION OF DATA FILES**
[54] **TRANSMISSION DE FICHIERS DE DONNEES DECLENCHEE A LA DEMANDE D'UN UTILISATEUR**
[72] SUNDSTROEM, ANDERS, SE
[72] LUNDMARK, MAGNUS, SE
[72] CHRISTENSEN, MATTIAS, SE
[72] LINDBAECK, LARS, SE
[73] TWITTER, INC., US
[85] 2010-11-29
[86] 2009-03-26 (PCT/EP2009/053567)
[87] (WO2009/149967)
[30] SE (0801345-0) 2008-06-09
[30] US (61/060,272) 2008-06-10

[11] **2,726,261**
[13] C
[51] **Int.Cl. C07C 7/13 (2006.01) B01D 53/04 (2006.01)**
[25] FR
[54] **REDUCIBLE POROUS CRYSTALLINE HYBRID SOLID FOR THE SEPARATION OF MIXTURES OF MOLECULES HAVING DIFFERENT DEGREES AND/OR A DIFFERENT NUMBER OF UNSATURATIONS**
[54] **SOLIDE HYBRIDE CRISTALLIN POREUX REDUCTIBLE POUR LA SEPARATION DE MELANGES DE MOLECULES AYANT DES DEGRES ET/OU UN NOMBRE D'INSATURATIONS DIFFERENTS**
[72] SERRE, CHRISTIAN, FR
[72] VIMONT, ALEXANDRE, FR
[72] LLEWELLYN, PHILIP, FR
[72] CHANG JONG-SAN, KR
[72] HORCAJADA CORTES, PATRICIA, FR
[72] FEREY, GERARD, FR
[72] DATURI, MARCO, FR
[72] HWANG, YOUNG-KYU, KR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE DE CAEN-BASSE NORMANDIE, FR
[73] UNIVERSITE DE VERSAILLES-SAINT QUENTIN EN YVELINES, FR
[73] KOREA RESEARCH INSTITUTE OF CHEMICAL & TECHNOLOGY (KRICT), KR
[85] 2010-11-29
[86] 2009-06-11 (PCT/FR2009/000699)
[87] (WO2010/000975)
[30] FR (08/03245) 2008-06-11

[11] **2,727,121**
[13] C
[51] **Int.Cl. H04W 28/06 (2009.01) H04W 4/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REPUBLISHING MOBILE CONTENT**
[54] **PROCEDE ET SYSTEME DE REEDITION DE CONTENU MOBILE**
[72] LEBLANC, MICHAEL, CA
[72] GLIDDEN, JODY, US
[72] HUDSON, DAVID JAMES, CA
[72] O'REILLY, JACOB SAMUEL, CA
[73] BLACKBERRY LIMITED, CA
[85] 2010-12-07
[86] 2009-05-04 (PCT/CA2009/000620)
[87] (WO2009/152603)
[30] US (61/073,427) 2008-06-18

[11] **2,727,130**
[13] C
[51] **Int.Cl. A61G 7/05 (2006.01) A61G 1/01 (2006.01) A61G 1/02 (2006.01)**
[25] EN
[54] **EVACUATION MATTRESS**
[54] **MATELAS D'EVACUATION**
[72] KENALTY, CHRISTOPHER, CA
[72] GORDON, MIRIAM, CA
[73] KENALTY, CHRISTOPHER, CA
[73] GORDON, MIRIAM, CA
[85] 2010-12-06
[86] 2009-06-05 (PCT/IB2009/006323)
[87] (WO2009/147536)
[30] US (12/134,432) 2008-06-06

[11] **2,727,392**
[13] C
[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/071 (2010.01) A61K 35/407 (2015.01) A61K 38/18 (2006.01) A61K 38/20 (2006.01)**
[25] EN
[54] **CONDITIONED MEDIUM OF LIVER PROGENITOR CELLS**
[54] **MILIEU CONDITIONNE POUR CELLULES PROGENITEURS DU FOIE**
[72] HERRERA SANCHEZ, MARIA BEATRIZ, IT
[72] FONSATO, VALENTINA, IT
[72] TETTA, CIRO, IT
[72] CAMUSSI, GIOVANNI, IT
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2010-12-09
[86] 2009-06-11 (PCT/EP2009/057232)
[87] (WO2009/150199)
[30] EP (08010651.1) 2008-06-11

---

[11] **2,727,713**
[13] C
[51] **Int.Cl. C08J 3/00 (2006.01) C04B 35/00 (2006.01)**
[25] EN
[54] **MATERIAL AND METHOD FOR PRODUCING THE SAME**
[54] **MATERIAU ET SON PROCEDE DE PRODUCTION**
[72] MEHRABI, ALI R., US
[72] MEHRABI, REZA, US
[72] DE SANTOS AVILA, JUAN M., US
[72] HSIAO, JANET, US
[72] CHICA, FRANK, US
[73] AVERY DENNISON CORPORATION, US
[85] 2010-12-10
[86] 2009-06-12 (PCT/US2009/047286)
[87] (WO2009/152481)
[30] US (61/061,066) 2008-06-12

---

[11] **2,728,526**
[13] C
[51] **Int.Cl. B25B 23/08 (2006.01) B25B 21/00 (2006.01) B25C 1/04 (2006.01) B25C 3/00 (2006.01) B25C 7/00 (2006.01) F16B 2/24 (2006.01) F16B 5/06 (2006.01)**
[25] EN
[54] **CLIP GUIDE INSTALLATION APPARATUS**
[54] **DISPOSITIF DE POSE A GUIDE CLIPSABLE**
[72] ORCHARD, BRIAN KEITH, CA
[73] PAN AMERICAN SCREW LLC, US
[86] (2728526)
[87] (2728526)
[22] 2011-01-19
[30] US (61/296,350) 2010-01-19

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[11] **2,728,756**
[13] C
[51] **Int.Cl. C07C 271/28 (2006.01) A61K 31/17 (2006.01) A61K 31/27 (2006.01) A61K 31/426 (2006.01) A61K 31/44 (2006.01) A61K 31/495 (2006.01) C07C 271/12 (2006.01) C07C 275/24 (2006.01) C07C 309/24 (2006.01) C07D 213/75 (2006.01) C07D 241/20 (2006.01) C07D 277/48 (2006.01) C07D 333/36 (2006.01)**
[25] EN
[54] **MODULATORS OF THE PROSTACYCLIN (PGI2) RECEPTOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO**
[54] **MODULATEURS DU RECEPTEUR DE LA PROSTACYCLINE (PGI2) UTILES POUR LE TRAITEMENT DE TROUBLES LIES A CELUI-CI**
[72] TRAN, THUY-ANH, US
[72] CHEN, WEICHAO, US
[72] KRAMER, BRYAN A., US
[72] SADEQUE, ABU J.M., US
[72] SHYFRYNA, HANNA L., US
[72] SHIN, YOUNG-JUN, US
[72] VALLAR, PUREZA, US
[72] ZOU, NING, US
[73] ARENA PHARMACEUTICALS, INC., US
[85] 2010-08-30
[86] 2009-03-17 (PCT/US2009/001688)
[87] (WO2009/117095)
[30] US (61/069,857) 2008-03-18
[30] US (61/123,621) 2008-04-09
[30] US (61/207,220) 2009-02-09
[30] US (61/209,453) 2009-03-06

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[11] **2,729,337**
[13] C
[51] **Int.Cl. H02G 3/04 (2006.01) H02G 1/08 (2006.01) H02G 9/06 (2006.01)**
[25] EN
[54] **COMMUNICATIONS CABLE WITH FABRIC SLEEVE**
[54] **CABLE DE COMMUNICATIONS A GAINE EN TISSU**
[72] ALLEN, JERRY, US
[73] WESCO EQUITY CORPORATION, US
[85] 2010-12-23
[86] 2009-06-01 (PCT/US2009/003306)
[87] (WO2010/005461)
[30] US (61/132,698) 2008-06-23

---

[11] **2,729,414**
[13] C
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) C07K 16/18 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **VACCINE AGAINST AMYLOID FOLDING INTERMEDIATE**
[54] **VACCIN CONTRE UN INTERMEDIAIRE DE REPLIEMENT DES AMYLOIDES**
[72] HOOGERHOUT, PETER, NL
[72] VAN DEN DOBBELSTEEN, GERARDA PETRONELLA JOHANNA MARIA, NL
[73] DE STAAT DER NEDERLANDEN, VERT. DOOR DE MINISTER VAN VWS, NL
[85] 2010-12-23
[86] 2009-07-01 (PCT/NL2009/050387)
[87] (WO2010/002251)
[30] EP (08159385.7) 2008-07-01
[30] US (61/077,264) 2008-07-01

[11] **2,730,207**
[13] C
[51] **Int.Cl. G06F 17/24 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR WEB-BASED CONTROL OF DESKTOP APPLICATIONS**
[54] **SYSTEME ET PROCEDES DE COMMANDE PAR LE WEB D'APPLICATIONS BUREAUTIQUES**
[72] NORDINE, TROY DOUGLAS, US
[72] MATZEK, BART, US
[72] DAUK, RICHARD N., US
[72] PARHAR, ANUDEEP, US
[73] THOMSON REUTERS GLOBAL RESOURCES, CH
[85] 2011-01-07
[86] 2009-07-10 (PCT/US2009/004024)
[87] (WO2010/005587)
[30] US (61/134,669) 2008-07-11
[30] US (12/501,238) 2009-07-10

[11] **2,731,227**
[13] C
[51] **Int.Cl. C10M 137/06 (2006.01) C10M 137/08 (2006.01)**
[25] EN
[54] **METHOD OF LUBRICATING A TRACTOR HYDRAULIC**
[54] **PROCEDE DE LUBRIFICATION D'UN SYSTEME HYDRAULIQUE DE TRACTEUR**
[72] ABRAHAM, WILLIAM D., US
[73] THE LUBRIZOL CORPORATION, US
[85] 2011-01-18
[86] 2009-07-22 (PCT/US2009/051333)
[87] (WO2010/011702)
[30] US (61/082,907) 2008-07-23

[11] **2,731,380**
[13] C
[51] **Int.Cl. A01H 1/04 (2006.01) A01H 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MOLECULAR MARKERS LINKED TO PPO INHIBITOR TOLERANCE IN SOYBEANS**
[54] **MARQUEURS MOLECULAIRES LIES A LA TOLERANCE AUX INHIBITEURS DE LA PPO DANS LE SOJA**
[72] KYLE, DONALD, US
[72] VOGT, MARK D., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2011-01-19
[86] 2009-07-23 (PCT/US2009/051483)
[87] (WO2010/011803)
[30] US (61/083,038) 2008-07-23

[11] **2,731,492**
[13] C
[51] **Int.Cl. C21D 7/13 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **HOT ROLLED DUAL PHASE STEEL SHEET, AND METHOD OF MAKING THE SAME**
[54] **TOLE D'ACIER BIPHASE LAMINEE A CHAUD, ET SON PROCEDE DE FABRICATION**
[72] SUN, WEIPING, US
[73] NUCOR CORPORATION, US
[85] 2011-01-20
[86] 2009-07-22 (PCT/US2009/051461)
[87] (WO2010/011791)
[30] US (12/177,844) 2008-07-22

[11] **2,731,544**
[13] C
[51] **Int.Cl. C07F 9/30 (2006.01) A61K 31/197 (2006.01) A61K 31/352 (2006.01) A61K 31/485 (2006.01) A61K 31/662 (2006.01) A61K 31/675 (2006.01) A61P 25/04 (2006.01) C07F 9/32 (2006.01)**
[25] FR
[54] **AMINOPHOSPHINIC DERIVATIVES THAT CAN BE USED IN THE TREATMENT OF PAIN**
[54] **DERIVES AMINOPHOSPHINIQUES UTILES DANS LE TRAITEMENT DE LA DOULEUR**
[72] ROQUES, BERNARD, FR
[72] PORAS, HERVE, FR
[72] FOURNIE-ZALUSKI, MARIE-CLAUDE, FR
[73] PHARMALEADS, FR
[85] 2011-01-20
[86] 2009-07-22 (PCT/EP2009/059394)
[87] (WO2010/010106)
[30] FR (0855015) 2008-07-23

[11] **2,731,589**
[13] C
[51] **Int.Cl. B60L 11/18 (2006.01)**
[25] EN
[54] **PROCESS FOR RECHARGING ELECTRIC VEHICLES IN GEOGRAPHICALLY DISTRIBUTED RECHARGING STATIONS**
[54] **PROCESSUS DE RECHARGE DE VEHICULES ELECTRIQUES DANS DES STATIONS DE RECHARGE GEOGRAPHIQUEMENT ESPACEES**
[72] NAGY, OLIVER, AT
[72] GUENER, REFI-TUGRUL, AT
[72] TOPLAK, ERWIN, AT
[73] KAPSCH TRAFFICCOM AG, AT
[86] (2731589)
[87] (2731589)
[22] 2011-02-14
[30] EP (10 450 021.0) 2010-02-18

[11] **2,732,300**
[13] C
[51] **Int.Cl. G01N 21/25 (2006.01) G01B 11/00 (2006.01)**
[25] EN
[54] **TIME DOMAIN SPECTROSCOPY (TDS)-BASED METHOD AND SYSTEM FOR OBTAINING COINCIDENT SHEET MATERIAL PARAMETERS**
[54] **PROCEDE ET SYSTEME BASES SUR LA SPECTROSCOPIE TEMPORELLE (TDS) POUR OBTENIR DES PARAMETRES DE MATERIAU EN FEUILLE COINCIDENTS**
[72] DODGE, STEVEN, CA
[72] HARAN, FRANK MARTIN, CA
[72] JEZ, DAVID, CA
[72] MOUSAVI, PAYAM, CA
[73] HONEYWELL ASCA, INC., US
[85] 2011-01-27
[86] 2009-07-31 (PCT/US2009/052338)
[87] (WO2010/014867)
[30] US (12/184,371) 2008-08-01

[11] **2,732,408**
[13] C
[51] **Int.Cl. H02K 15/16 (2006.01) H02K 15/12 (2006.01)**
[25] EN
[54] **METHOD FOR CORRECTING SLOW ROLL BY HEATING AND QUENCHING**
[54] **PROCEDE DE CORRECTION DE ROTATION LENTE PAR CHAUFFAGE ET REFROIDISSEMENT RAPIDE**
[72] KIKAGANESHWALA, YAGNESH, US
[72] FINLEY, WILLIAM, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2011-01-28
[86] 2009-07-30 (PCT/US2009/052183)
[87] (WO2010/014769)
[30] US (61/085,041) 2008-07-31
[30] US (12/511,367) 2009-07-29

[11] **2,732,535**
[13] C
[51] **Int.Cl. A01B 63/30 (2006.01)**
[25] EN
[54] **IMPLEMENT HEIGHT ADJUSTER**
[54] **MECANISME D'AJUSTEMENT DE LA HAUTEUR D'UN INSTRUMENT ARATOIRE**
[72] WHALEN, PATRICK, US
[72] LITCHFIELD, DEREK, US
[73] WHALEN, PATRICK, US
[73] LITCHFIELD, DEREK, US
[86] (2732535)
[87] (2732535)
[22] 2011-02-24
[30] US (61/308,404) 2010-02-26
[30] US (13/033,881) 2011-02-24

[11] **2,732,826**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) A61J 1/00 (2006.01)**
[25] EN
[54] **INHALER MECHANISMS WITH RADIALLY BIASED PIERCERS AND RELATED METHODS**
[54] **MECANISMES D'INHALATEURS AVEC EPERONS SOLLICITES RADIALEMENT ET PROCEDES ASSOCIES**
[72] RUCKDESCHEL, THOMAS W., US
[72] HARRIS, DAVID, GB
[73] ORIEL THERAPEUTICS, INC., US
[85] 2011-02-02
[86] 2009-09-25 (PCT/US2009/005321)
[87] (WO2010/036355)
[30] US (61/100,482) 2008-09-26
[30] US (61/102,073) 2008-10-02
[30] US (61/148,520) 2009-01-30

[11] **2,732,939**
[13] C
[51] **Int.Cl. A61L 27/34 (2006.01)**
[25] EN
[54] **IMMOBILISED BIOLOGICAL ENTITIES**
[54] **ENTITES BIOLOGIQUES IMMOBILISEES**
[72] OSCARSON, STEFAN, SE
[72] LAHMANN, MARTINA, SE
[72] LEONTEIN, KARIN, SE
[72] VESTBERG, ROBERT, SE
[73] CARMEDA AB, SE
[85] 2011-02-03
[86] 2009-09-15 (PCT/EP2009/061981)
[87] (WO2010/029189)
[30] GB (0816783.5) 2008-09-15

[11] **2,733,120**
[13] C
[51] **Int.Cl. B08B 1/00 (2006.01) A23N 12/00 (2006.01) A23N 15/00 (2006.01)**
[25] FR
[54] **DEVICE FOR PROCESSING PRODUCTS SUCH AS FRUITS OR VEGETABLES USING A CLEANING TROLLEY AS WELL AS THE CLEANING METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE PRODUITS TELS QUE DES FRUITS OU LEGUMES A CHARIOT DE NETTOYAGE ET PROCEDE DE NETTOYAGE**
[72] BLANC, PHILIPPE, FR
[73] MAF AGROBOTIC, FR
[86] (2733120)
[87] (2733120)
[22] 2011-02-25
[30] FR (10.00780) 2010-02-25

[11] **2,733,316**
[13] C
[51] **Int.Cl. B08B 1/00 (2006.01) A23N 12/00 (2006.01) A23N 15/00 (2006.01)**
[25] FR
[54] **DEVICE FOR PROCESSING PRODUCTS SUCH AS FRUITS OR VEGETABLES USING A HYDAULICALLY DRIVEN CLEANING TROLLEY AS WELL AS THE CLEANING METHOD**
[54] **DISPOSITIF DE TRAITMENT DE PRODUITS TELS QUE DES FRUITS OU LEGUMES A CHARIOT DE NETTOYAGE A ENTRAINEMENT HYDRAULIQUE ET PROCEDE DE NETTOYAGE**
[72] BLANC, PHILIPPE, FR
[73] MAF AGROBOTIC, FR
[86] (2733316)
[87] (2733316)
[22] 2011-02-25
[30] FR (10.00779) 2010-02-25

[11] **2,736,283**
[13] C
[51] **Int.Cl. B23Q 41/02 (2006.01) B65G 49/00 (2006.01)**
[25] EN
[54] **TRANSFER SYSTEM FOR A PRODUCTION LINE**
[54] **SYSTEME DE TRANSFERT POUR UNE CHAINE DE PRODUCTION**
[72] HULSLANDER, BRIAN, US
[73] NOBLE ENGINEERING COMPANY, INC., US
[86] (2736283)
[87] (2736283)
[22] 2011-04-05
[30] US (61/471,318) 2011-04-04

[11] **2,736,774**
[13] C
[51] **Int.Cl. A61K 31/198 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **NUTRITIONAL SUPPORT TO PREVENT AND/OR MITIGATE BONE MARROW TOXICITY FROM A CANCEROUS TUMOR**
[54] **SOUTIEN NUTRITIONNEL POUR PREVENIR ET/OU ATTENUER LA TOXICITE SUR LA MOELLE OSSEUSE DUE A UNE TUMEUR CANCEREUSE**
[72] SCHIFFRIN, EDUARDO, CH
[72] MILLER, KEVIN BURKE, US
[72] BRASSART, DOMINIQUE, CH
[72] LANTZ, OLIVIER JACQUES, FR
[72] AMIGORENA, SEBASTIAN DIEGO, FR
[73] INSTITUT CURIE, FR
[73] NESTEC S.A., CH
[85] 2011-03-09
[86] 2009-09-11 (PCT/US2009/056599)
[87] (WO2010/033426)
[30] US (61/098,258) 2008-09-19
[30] US (61/241,074) 2009-09-10

[11] **2,738,986**
[13] C
[51] **Int.Cl. A23D 7/02 (2006.01) A23D 7/005 (2006.01) C11B 15/00 (2006.01)**
[25] EN
[54] **SOLID OIL POWDERS**
[54] **POUDRES D'HUILE SOLIDE**
[72] MEZZENGA, RAFFAELE, CH
[72] ULRICH, STEPHANE, CH
[73] NESTEC S.A., CH
[85] 2011-03-29
[86] 2009-11-16 (PCT/EP2009/065229)
[87] (WO2010/057852)
[30] EP (08169434.1) 2008-11-19

[11] **2,739,243**
[13] C
[51] **Int.Cl. A61L 15/28 (2006.01) A61F 13/00 (2006.01) A61L 15/22 (2006.01) A61L 15/26 (2006.01) A61L 15/44 (2006.01) A61L 15/60 (2006.01)**
[25] EN
[54] **WOUND DRESSING COMPRISING POLYMERIC FOAM MATRIX AND A HYDROPHILIC POLYSACCHARIDE DISPOSED THEREIN**
[54] **PANSEMENT COMPORTANT UNE MATRICE EN MOUSSE POLYMERIQUE ET UN POLYSACCHARIDE HYDROPHILE INTEGRE**
[72] ROSENBERG, LIOR, IL
[73] L.R.R.& D. LTD., IL
[85] 2011-03-31
[86] 2009-10-01 (PCT/IL2009/000946)
[87] (WO2010/038231)
[30] US (61/102,013) 2008-10-02

[11] **2,739,271**
[13] C
[51] **Int.Cl. G01L 27/00 (2006.01) G01P 21/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CHECKING A FLOW PRESSURE MEASUREMENT PROBE, AND PROBE COMPRISING THE DEVICE**
[54] **DISPOSITIF DE VERIFICATION D'UNE SONDE DE PRESSION D'ECOULEMENT, ET SONDE AINSI EQUIPEE**
[72] LEBLOND, HENRI, FR
[72] GUICHARD, PHILIPPE, FR
[72] PINEAU, JEAN-PHILIPPE, FR
[73] THALES, FR
[86] (2739271)
[87] (2739271)
[22] 2011-05-06
[30] FR (10 01970) 2010-05-07

[11] **2,739,478**
[13] C
[51] **Int.Cl. C08J 7/04 (2006.01) B32B 1/08 (2006.01) F16L 11/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR COATING PIPE**
[54] **PROCEDES ET COMPOSITIONS DE REVETEMENT DE CONDUITE**
[72] ERICSSON, JAN S., SE
[72] BRICKWEG, LUKE J., US
[73] UPONOR INNOVATION AB, SE
[85] 2011-04-04
[86] 2009-10-02 (PCT/US2009/059417)
[87] (WO2010/040079)
[30] US (61/102,636) 2008-10-03

[11] **2,739,558**
[13] C
[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/24 (2006.01) G01V 1/30 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DERIVING SEISMIC WAVE FIELDS USING BOTH RAY-BASED AND FINITE-ELEMENT PRINCIPLES**
[54] **SYSTEME ET PROCEDE DE DERIVATION DE CHAMPS D'ONDES SISMIQUES A L'AIDE DE PRINCIPES A LA FOIS A RAYONS ET PAR ELEMENTS FINIS**
[72] HILL, NORMAN ROSS, US
[73] CHEVRON U.S.A. INC., US
[85] 2011-04-05
[86] 2009-10-01 (PCT/US2009/059207)
[87] (WO2010/042384)
[30] US (12/246,301) 2008-10-06

[11] **2,739,593**
[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) G01N 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR CORRECTING THE MEASURED CONCENTRATIONS OF GAS COMPONENTS IN DRILLING MUD**
[54] **PROCEDE DE CORRECTION DES CONCENTRATIONS EN COMPOSANTS GAZEUX MESUREES DANS UNE BOUE DE FORAGE**
[72] HANSON, SCOTT A., US
[73] CHEVRON U.S.A. INC., US
[85] 2011-04-05
[86] 2009-10-01 (PCT/US2009/059192)
[87] (WO2010/042383)
[30] US (12/248,620) 2008-10-09

---

[11] **2,740,018**
[13] C
[51] **Int.Cl. A61B 50/36 (2016.01) A61B 50/30 (2016.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SHARPS CONTAINER**
[54] **CONTENANT POUR OBJETS TRANCHANTS**
[72] ERICKSON, THOMAS E., US
[72] ERICKSON, JAMES R., US
[72] SAURO, THOMAS P., US
[73] ULTIMED, INC., US
[85] 2011-04-07
[86] 2009-10-08 (PCT/US2009/059935)
[87] (WO2010/042680)
[30] US (12/247,684) 2008-10-08

---

[11] **2,740,116**
[13] C
[51] **Int.Cl. C01G 9/02 (2006.01) C09K 5/08 (2006.01)**
[25] EN
[54] **ZINC OXIDE PARTICLE, METHOD FOR PRODUCING IT, EXOERGIC FILLER, RESIN COMPOSITION, EXOERGIC GREASE AND EXOERGIC COATING COMPOSITION**
[54] **PARTICULES D'OXYDE DE ZINC, LEUR PROCEDE DE FABRICATION, CHARGE LIBERANT DE LA CHALEUR, COMPOSITION DE RESINE, GRAISSE LIBERANT DE LA CHALEUR ET COMPOSITION DE REVETEMENT LIBERANTDE LA CHALEUR**
[72] HASHIMOTO, MITSUO, JP
[72] HAKOZAKI, HIROSHI, JP
[73] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2011-04-08
[86] 2009-10-19 (PCT/JP2009/005445)
[87] (WO2010/050139)
[30] JP (2008-276388) 2008-10-28
[30] US (12/482,241) 2009-06-10

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[11] **2,740,299**
[13] C
[51] **Int.Cl. A61K 31/702 (2006.01) A61K 31/202 (2006.01) A61P 1/00 (2006.01) A61P 3/02 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITION TO PROMOTE HEALTHY DEVELOPMENT AND GROWTH**
[54] **COMPOSITION NUTRITIONNELLE DESTINEE A PROMOUVOIR UN DEVELOPPEMENT SAIN ET UNE CROISSANCE SAINE**
[72] ROSALES, FRANCISCO J., SG
[72] RAI, GYAN P., US
[72] MORRIS, KRISTIN, US
[72] BANAVARA, DATTATREYA, US
[72] HONDMANN, DIRK, US
[72] VAN TOL, ERIC, NL
[72] JOUNI, ZEINA E., US
[72] MCMAHON, ROBERT J., US
[72] SCHADE, DEBORAH A., US
[72] WALKER, DONALD CAREY, US
[73] MJN U.S. HOLDINGS LLC, US
[85] 2011-04-11
[86] 2009-10-23 (PCT/US2009/061792)
[87] (WO2010/048481)
[30] US (61/108,303) 2008-10-24
[30] US (61/111,009) 2008-11-04
[30] US (12/371,100) 2009-02-13
[30] US (12/463,994) 2009-05-11

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[11] **2,740,680**
[13] C
[51] **Int.Cl. A47C 1/024 (2006.01) A47C 3/025 (2006.01) A47C 3/04 (2006.01) A47C 7/02 (2006.01)**
[25] EN
[54] **RECLINING CHAIR WITH RESILIENT MEMBERS**
[54] **CHAISE INCLINABLE DOTEE D'ELEMENTS RESILIENTS**
[72] VAN HEKKEN, HENDRIK R., US
[73] KNOLL, INC., US
[86] (2740680)
[87] (2740680)
[22] 2011-05-20
[30] US (61/346,545) 2010-05-20

[11] **2,740,722**
[13] C
[51] **Int.Cl. C07D 235/14 (2006.01) A61K 31/4184 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **SALTS OF ISOBUTYRIC ACID (1R*,2R*,4R*)-2-(2-{[3-(4,7-DIMETHOXY-1H-BENZOIMIDAZOL-2-YL)-PROPYL]-METHYL-AMINO}-ETHYL)-5-PHENYL-BICYCLO[2.2.2]OCT-5-EN-2-YL**
[54] **SELS DE L'ESTER DU (1R*,2R*,4R*)-2-(2-{[3-(4,7-DIMETHOXY-1H-BENZOIMIDAZOL-2-YL)-PROPYL]-METHYL-AMINO}-ETHYL)-5-PHENYL-BICYCLO[2.2.2]OCT-5-EN-2-YLE DE L'ACIDE ISOBUTYRIQUE**
[72] ABELE, STEFAN, CH
[72] COMBES, STEPHANIE, CH
[72] FUNEL, JACQUES-ALEXIS, CH
[72] HILPERT, KURT, CH
[72] HUBLER, FRANCIS, CH
[72] REICHENBAECHER, KATHARINA, CH
[72] RENNEBERG, DORTE, CH
[72] VON RAUMER, MARKUS, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2011-04-14
[86] 2009-10-21 (PCT/IB2009/054637)
[87] (WO2010/046857)
[30] IB (PCT/IB2008/054351) 2008-10-22

---

[11] **2,740,810**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 1/00 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 9/08 (2006.01) A61P 9/10 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07D 491/147 (2006.01)**
[25] EN
[54] **PHENANTHROINDOLIZIDINE COMPOUND AND NF.KAPPA.B INHIBITOR CONTAINING SAME AS ACTIVE INGREDIENT**
[54] **COMPOSE DE PHENANTHROINDOLIZIDINE ET INHIBITEUR DE NF.KAPPA.B LE CONTENANT EN TANT QUE PRINCIPE ACTIF**
[72] IKEDA, TAKASHI, JP
[72] SAWADA, SEIGO, JP
[72] YAEGASHI, TAKASHI, JP
[72] MATSUZAKI, TAKESHI, JP
[72] HASHIMOTO, SHUSUKE, JP
[72] YAMAZAKI, RYUTA, JP
[73] KABUSHIKI KAISHA YAKULT HONSHA, JP
[85] 2011-04-14
[86] 2009-10-23 (PCT/JP2009/005594)
[87] (WO2010/047127)
[30] JP (2008-273610) 2008-10-23

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[11] **2,741,069**
[13] C
[51] **Int.Cl. A61K 31/433 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF MITOSIS FOR INCREASING APOPTOSIS IN THERAPY**
[54] **INHIBITEURS DE LA MITOSE PERMETTANT D'AUGMENTER L'APOPTOSE EN THERAPIE**
[72] TUNQUIST, BRIAN J., US
[72] WALKER, DUNCAN H., US
[72] WOESSNER, RICHARD DONALD, US
[73] ARRAY BIOPHARMA INC., US
[85] 2011-04-18
[86] 2009-10-16 (PCT/US2009/061106)
[87] (WO2010/045624)
[30] US (61/106,086) 2008-10-16

---

[11] **2,741,392**
[13] C
[51] **Int.Cl. E03C 1/26 (2006.01)**
[25] EN
[54] **STRAINER AND INSERT ASSEMBLY**
[54] **ASSEMBLAGE FILTRE ET INSERT**
[72] OROPALLO, ROBERT A., US
[72] OROPALLO, ANTHONY, US
[73] IPS CORPORATION, US
[86] (2741392)
[87] (2741392)
[22] 2011-05-26
[30] US (61/396,576) 2010-05-28

---

[11] **2,742,578**
[13] C
[51] **Int.Cl. F15C 3/02 (2006.01) F16K 31/124 (2006.01) F16K 31/40 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **FAIL-FREEZE DEVICE FOR POSITIONER**
[54] **DISPOSITIF D'IMMOBILISATION EN CAS DE PANNE POUR POSITIONNEUR**
[72] TONDOLO, FLAVIO, IT
[72] VALOTI, ROBERTO, IT
[73] STI SRL, IT
[86] (2742578)
[87] (2742578)
[22] 2011-06-13

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[11] **2,742,690**
[13] C
[51] **Int.Cl. C09D 5/18 (2006.01) C08K 5/5399 (2006.01) C08K 13/02 (2006.01) C08L 83/06 (2006.01) C08L 83/08 (2006.01) C09D 183/06 (2006.01)**
[25] EN
[54] **INTUMESCENT COMPOSITION**
[54] **COMPOSITION INTUMESCENTE**
[72] WADE, ROBIN JOHN, GB
[73] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2011-05-04
[86] 2009-11-06 (PCT/EP2009/064738)
[87] (WO2010/054984)
[30] EP (08168839.2) 2008-11-11
[30] US (61/121,427) 2008-12-10

[11] **2,742,750**
[13] C
[51] **Int.Cl. A23L 11/30 (2016.01) A23L 11/00 (2016.01)**
[25] EN
[54] **NEW PHYTOGENIC FOOD INDUSTRY PRODUCT AND COMPOSITIONS CONTAINING THEREOF**
[54] **PRODUIT ALIMENTAIRE A BASE DE SOJA ET COMPOSITIONS LE COMPRENANT**
[72] JEDNAKOVITS, ANDREA, HU
[72] SALGO, ANDRAS, HU
[72] SZILBEREKY, JENO, HU
[72] BARLA SZABO, GABOR, HU
[72] BARLA SZABO, GABORNE, HU
[73] FITOREX GROUP KFT., HU
[85] 2011-05-04
[86] 2009-11-03 (PCT/HU2009/000090)
[87] (WO2010/055360)
[30] HU (P0800665) 2008-11-11

[11] **2,742,766**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **ENGINE, SYSTEM AND METHOD FOR GENERATION OF BRAND AFFINITY CONTENT**
[54] **MOTEUR, SYSTEME ET PROCEDE POUR UNE GENERATION D'UN CONTENU D'AFFINITE A UNE MARQUE**
[72] STEELBERG, RYAN, US
[72] STEELBERG, CHAD, US
[73] VERITONE, INC., US
[85] 2011-05-04
[86] 2009-11-06 (PCT/US2009/063595)
[87] (WO2010/054228)
[30] US (61/111,787) 2008-11-06
[30] US (12/533,499) 2009-07-31

[11] **2,743,131**
[13] C
[51] **Int.Cl. B22F 7/06 (2006.01) C22C 1/05 (2006.01) C22C 29/08 (2006.01)**
[25] EN
[54] **CEMENTED CARBIDE BODY AND METHOD**
[54] **CORPS EN CARBURE CIMENTE ET PROCEDE**
[72] ARVANITIDIS, IOANNIS, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2011-05-09
[86] 2009-11-11 (PCT/SE2009/051285)
[87] (WO2010/056191)
[30] EP (08168848.3) 2008-11-11

[11] **2,743,739**
[13] C
[51] **Int.Cl. G01N 3/42 (2006.01)**
[25] EN
[54] **PORTABLE POLYMER TESTER**
[54] **TESTEUR DE POLYMERE PORTATIF**
[72] BOOR, RICHARD, CA
[72] CISSE, LADJI, CA
[72] GUEROUT, FABRICE, CA
[73] ATOMIC ENERGY OF CANADA LIMITED, CA
[85] 2011-05-13
[86] 2009-11-16 (PCT/CA2009/001654)
[87] (WO2010/054486)
[30] US (61/114,889) 2008-11-14

[11] **2,745,041**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **2, 5-DIAMINO-SUBSTITUTED PYRIDO [4, 3-D] PYRIMIDINES AS AUTOTAXIN INHIBITORS AGAINST CANCER**
[54] **PYRIDO[4,3-D]PYRIMIDINES 2,5-DIAMINO-SUBSTITUEES EN TANT QU'INHIBITEURS D'AUTOTAXINE CONTRE LE CANCER**
[72] SCHIEMANN, KAI, DE
[72] SCHULTZ, MELANIE, DE
[72] STAEHLE, WOLFGANG, DE
[72] KOBER, INGO, DE
[72] WIENKE, DIRK, DE
[72] KRIER, MIREILLE, DE
[73] MERCK PATENT GBMH, DE
[85] 2011-05-30
[86] 2009-11-03 (PCT/EP2009/007876)
[87] (WO2010/063352)
[30] EP (08020824.2) 2008-12-01

[11] **2,746,201**
[13] C
[51] **Int.Cl. F16M 11/04 (2006.01) A47B 21/013 (2006.01) A47B 21/04 (2006.01) B60R 11/02 (2006.01) F16B 7/14 (2006.01) F16M 11/28 (2006.01)**
[25] EN
[54] **MOUNTING DEVICE**
[54] **DISPOSITIF DE MONTAGE**
[72] COOPER, JERAMIE, US
[73] GAMBER-JOHNSON LLC, US
[86] (2746201)
[87] (2746201)
[22] 2011-07-13
[30] US (12/843,109) 2010-07-26

[11] **2,746,571**
[13] C
[51] **Int.Cl. C07C 67/08 (2006.01) B01D 3/36 (2006.01) C07C 69/00 (2006.01) C07C 69/80 (2006.01)**
[25] EN
[54] **PRODUCTION OF CARBOXYLIC ACID ESTERS BY STRIPPING WITH ALCOHOL VAPOR**
[54] **PRODUCTION D'ESTERS D'ACIDE CARBOXYLIQUE PAR STRIPPAGE AVEC DE LA VAPEUR D'ALCOOL**
[72] PETERS, JARREN, DE
[72] DISTELDORF, WALTER, DE
[72] FRIESE, KATRIN, DE
[72] SCHAEFER, THOMAS, DE
[72] BEY, OLIVER, DE
[73] BASF SE, DE
[85] 2011-06-10
[86] 2009-12-15 (PCT/EP2009/067179)
[87] (WO2010/076194)
[30] EP (08171795.1) 2008-12-16

[11] **2,746,704**
[13] C
[51] **Int.Cl. C08L 1/10 (2006.01) C08B 3/08 (2006.01) C08J 7/16 (2006.01) D06M 13/00 (2006.01)**
[25] EN
[54] **COATING OF HYDROXYLATED SURFACES BY GAS PHASE GRAFTING**
[54] **REVETEMENT DE SURFACES HYDROXYLEES PAR GREFFAGE EN PHASE GAZEUSE**
[72] MELDAL, MORTEN, DK
[72] RENIL, MANAT, DK
[72] VESBORG, STEEN, DK
[73] CARLSBERG A/S, DK
[85] 2011-06-13
[86] 2009-12-16 (PCT/DK2009/050340)
[87] (WO2010/069330)
[30] DK (PA 2008 01816) 2008-12-16

[11] **2,746,955**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01)**
[25] EN
[54] **POWER GRID OUTAGE AND FAULT CONDITION MANAGEMENT**
[54] **GESTION D'INDISPONIBILITE ET DE CONDITION DE DEFAILLANCE DE RESEAU ELECTRIQUE**
[72] TAFT, JEFFREY D., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2011-06-14
[86] 2009-12-14 (PCT/US2009/067938)
[87] (WO2010/077830)
[30] US (61/201,856) 2008-12-15
[30] US (12/378,102) 2009-02-11
[30] US (12/378,091) 2009-02-11

[11] **2,746,962**
[13] C
[51] **Int.Cl. B24B 47/22 (2006.01) B29D 11/00 (2006.01)**
[25] EN
[54] **A METHOD OF AND AN APPARATUS FOR MANUFACTURING AN OPTICAL LENS**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE LENTILLE OPTIQUE**
[72] GOURRAUD, ALEXANDRE, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2011-06-14
[86] 2009-12-22 (PCT/EP2009/067730)
[87] (WO2010/072749)
[30] EP (08305999.8) 2008-12-22

[11] **2,746,986**
[13] C
[51] **Int.Cl. C02F 1/44 (2006.01) B01D 61/14 (2006.01)**
[25] EN
[54] **WATER SOFTENER SYSTEM USING NANOFILTRATION TO RECLAIM A PORTION OF THE REGENERATING SODIUM CHLORIDE**
[54] **SYSTEME D'ADOUCISSEMENT DE L'EAU PAR NANOFILTRATION AFIN DE RECYCLER UNE PARTIE DU CHLORURE DE SODIUM DE REGENERATION**
[72] CARTWRIGHT, PETER S., US
[73] CARTWRIGHT, PETER S., US
[86] (2746986)
[87] (2746986)
[22] 2011-07-21
[30] US (12/842,644) 2010-07-23

[11] **2,747,221**
[13] C
[51] **Int.Cl. B29C 65/08 (2006.01) B29C 65/60 (2006.01) B29C 65/64 (2006.01) F16B 5/08 (2006.01)**
[25] EN
[54] **METHOD OF ANCHORING A CONNECTOR, AND CONNECTOR**
[54] **PROCEDE D'ANCRAGE D'UN CONNECTEUR, ET CONNECTEUR**
[72] COVE, PETER L., GB
[72] VALANCE, WILLIAM R., GB
[72] LEHMANN, MARIO, CH
[72] TORRIANI, LAURENT, CH
[73] WOODWELDING AG, CH
[85] 2011-06-16
[86] 2009-12-23 (PCT/CH2009/000409)
[87] (WO2010/072009)
[30] US (61/140,255) 2008-12-23

[11] **2,747,373**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR SECURELY TRANSFERRING DIGITAL DATA**
[54] **PROCEDE ET DISPOSITIF DE TRANSFERT SECURISE DE DONNEES NUMERIQUES**
[72] TARRAGO, ARNAUD, FR
[72] SITBON, PASCAL, FR
[72] N'GUYEN, PIERRE, FR
[73] ELECTRICITE DE FRANCE, FR
[85] 2011-06-16
[86] 2009-12-17 (PCT/FR2009/052600)
[87] (WO2010/076514)
[30] FR (08 58790) 2008-12-18

[11] **2,747,463**
[13] C
[51] **Int.Cl. C09K 17/00 (2006.01) E02D 31/00 (2006.01) A01B 79/00 (2006.01)**
[25] EN
[54] **REINFORCED EROSION CONTROL MATRIX AND ITS APPLICATION**
[54] **MATRICE RENFORCEE POUR LE CONTROLE DE L'EROSION ET SON APPLICATION**
[72] BREEN, JOHN T., US
[73] UNITED STATES GYPSUM COMPANY, US
[86] (2747463)
[87] (2747463)
[22] 2011-07-25
[30] US (12/846,435) 2010-07-29

[11] **2,747,646**
[13] C
[51] **Int.Cl. C01B 25/37 (2006.01)**
[25] EN
[54] **PRODUCTION OF IRON ORTHOPHOSPHATE**
[54] **PROCEDE DE PRODUCTION D'ORTHOPHOSPHATE DE FER**
[72] BUEHLER, GUNNAR, DE
[72] SCHWARZ, KILIAN, DE
[73] CHEMISCHE FABRIK BUDENHEIM KG, DE
[85] 2011-06-17
[86] 2010-02-19 (PCT/EP2010/052108)
[87] (WO2010/097341)
[30] DE (10 2009 001 204.4) 2009-02-26

[11] **2,747,667**
[13] C
[51] **Int.Cl. A61K 31/60 (2006.01) A61K 33/00 (2006.01) A61K 33/30 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **ACNE TREATMENT POWDER FOUNDATION**
[54] **FOND DE TEINT EN POUDRE POUR LE TRAITEMENT DE L'ACNE**
[72] MALONEY, JOHN D., US
[72] BARGER, KATHERINE NATALIE, US
[73] EI INC., US
[85] 2011-06-17
[86] 2009-12-16 (PCT/US2009/068298)
[87] (WO2010/077971)
[30] US (61/138,436) 2008-12-17

[11] **2,747,882**
[13] C
[51] **Int.Cl. A45C 5/04 (2006.01) A45C 13/20 (2006.01) A45C 13/26 (2006.01) A45C 13/38 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SELF-STABILIZED ROLLABLE LUGGAGE ASSEMBLY**
[54] **APPAREIL ET PROCEDE POUR ENSEMBLE BAGAGE ROULANT AUTO-STABILISE**
[72] HEROLD, JEFFREY, US
[73] WEST COAST TREND, INC., US
[85] 2011-06-21
[86] 2009-11-20 (PCT/US2009/065414)
[87] (WO2010/077481)
[30] US (12/348,857) 2009-01-05
[30] US (12/408,649) 2009-03-20

[11] **2,748,346**
[13] C
[51] **Int.Cl. A61K 9/12 (2006.01) A61K 8/04 (2006.01) A61K 8/34 (2006.01) A61K 8/368 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 8/73 (2006.01) A61K 8/86 (2006.01) A61K 9/00 (2006.01) A61P 17/04 (2006.01) A61P 17/06 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **USE OF A FOAMABLE COMPOSITION ESSENTIALLY FREE OF PHARMACEUTICALLY ACTIVE INGREDIENTS FOR THE TREATMENT OF HUMAN SKIN**
[54] **UTILISATION D'UNE COMPOSITION MOUSSANTE ESSENTIELLEMENT EXEMPTE D'INGREDIENTS PHARMACEUTIQUEMENT ACTIFS POUR LE TRAITEMENT DE LA PEAU HUMAINE**
[72] GRAUPE, KLAUS, DE
[72] STAEDTLER, GERALD, DE
[73] INTENDIS GMBH, DE
[85] 2011-06-20
[86] 2009-12-22 (PCT/EP2009/009350)
[87] (WO2010/072422)
[30] EP (08022333.2) 2008-12-23
[30] US (61/140,152) 2008-12-23

[11] **2,748,359**
[13] C
[51] **Int.Cl. G06F 13/38 (2006.01)**
[25] EN
[54] **IDENTIFYING A SELF-POWERED DEVICE CONNECTED TO A MEDICAL DEVICE**
[54] **IDENTIFICATION D'UN DISPOSITIF AUTOALIMENTE CONNECTE A UN DISPOSITIF MEDICAL**
[72] LEVIN, ROLAND, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2011-06-27
[86] 2009-12-10 (PCT/US2009/067454)
[87] (WO2010/077762)
[30] US (12/347,297) 2008-12-31
[30] US (12/504,306) 2009-07-16

[11] **2,748,493**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 1/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **USE OF APL-TYPE PEPTIDE FOR TREATING INTESTINAL INFLAMMATORY DISEASES AND TYPE 1 DIABETES**
[54] **UTILISATION DE PEPTIDE DE TYPE APL POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES INTESTINALES ET POUR LE DIABETE DE TYPE I**
[72] BARBERA BETANCOURT, ARIANA, CU
[72] DOMINGUEZ HORTA, MARIA DEL CARMEN, CU
[72] LORENZO PEREZ, NORAILYS, CU
[72] PADRON PALOMARES, GABRIEL RAMON, CU
[72] FALCON CAMA, VIVIANA, CU
[72] MENENDEZ VALDES, IVON, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 2011-06-28
[86] 2009-12-29 (PCT/CU2009/000009)
[87] (WO2010/075824)
[30] CU (2008-0254) 2008-12-29

[11] **2,749,126**
[13] C
[51] **Int.Cl. C07D 279/28 (2006.01) A61K 47/60 (2017.01)**
[25] EN
[54] **OLIGOMER-PHENOTHIAZINE CONJUGATES**
[54] **CONJUGUES OLIGOMERE-PHENOTHIAZINE**
[72] GU, XUYUAN, US
[72] RIGGS-SAUTHIER, JENNIFER, US
[73] NEKTAR THERAPEUTICS, US
[85] 2011-07-06
[86] 2010-01-28 (PCT/US2010/022342)
[87] (WO2010/088340)
[30] US (61/148,016) 2009-01-28

[11] **2,749,407**
[13] C
[51] **Int.Cl. A23G 1/00 (2006.01) A23G 1/56 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CHOCOLATE CRUMB**
[54] **PROCEDE D'ELABORATION DE MIE DE CHOCOLAT**
[72] GODFREY, GRAHAM, GB
[72] KEOGH, ANDREW JOSEPH, AU
[72] JACKSON, GRAHAM MAUDSLAY, GB
[72] CHILVER, IAN, GB
[73] MONDELEZ UK HOLDINGS & SERVICES LIMITED, GB
[85] 2011-07-12
[86] 2010-02-03 (PCT/GB2010/000195)
[87] (WO2010/089551)
[30] GB (0901818.5) 2009-02-04

[11] **2,749,509**
[13] C
[51] **Int.Cl. G05D 1/02 (2006.01) B60W 30/10 (2006.01) B60W 30/12 (2006.01) B65G 1/00 (2006.01) G01D 5/22 (2006.01)**
[25] EN
[54] **VARIABLE OFFSET POSITIONING ANTENNA ARRAY FOR ENHANCED GUIDANCE OF AUTOMATED GUIDED VEHICLES (AGVS)**
[54] **RESEAU D'ANTENNES DE POSITIONNEMENT A DECALAGE VARIABLE PERMETTANT LE GUIDAGE AMELIORE DE VEHICULES GUIDES AUTOMATISES (AGV)**
[72] BARWICK, STOTT, US
[72] SWASEY, MERIN, US
[72] BEENY, LANCE, US
[72] PETERSEN, JOHN, A.M., US
[73] BOOMERANG SYSTEMS, INC., US
[85] 2011-07-12
[86] 2010-01-15 (PCT/US2010/021285)
[87] (WO2010/083474)
[30] US (61/145,543) 2009-01-17
[30] US (61/248,448) 2009-10-03
[30] US (61/258,006) 2009-11-04

[11] **2,749,873**
[13] C
[51] **Int.Cl. B29C 51/16 (2006.01) B29C 55/02 (2006.01) B32B 27/06 (2006.01) B32B 27/18 (2006.01) B32B 27/32 (2006.01) G09F 3/04 (2006.01)**
[25] EN
[54] **LABEL FILM FOR DEEP DRAWING PROCESSES**
[54] **FEUILLE D'ETIQUETTES POUR PROCEDE PAR EMBOUTISSAGE PROFOND**
[72] TEWS, WILFRID, DE
[72] DUEPRE, YVONNE, DE
[73] TREOFAN GERMANY GMBH & CO. KG, DE
[85] 2011-07-14
[86] 2010-01-13 (PCT/EP2010/000134)
[87] (WO2010/081682)
[30] DE (10 2009 005 137.6) 2009-01-15

[11] **2,749,900**
[13] C
[51] **Int.Cl. C08F 220/06 (2006.01) C08F 220/38 (2006.01) C08F 230/02 (2006.01) C09K 8/508 (2006.01)**
[25] FR
[54] **COPOLYMER FOR INHIBITING INORGANIC DEPOSITS**
[54] **COPOLYMERE POUR L'INHIBITION DES DEPOTS INORGANIQUES**
[72] ADAM, HERVE, US
[72] LABARRE, DOMINIQUE, FR
[72] WILSON, JAMES, FR
[72] ARGILLIER, JEAN-FRANCOIS, FR
[72] BAZIN, BRIGITTE, FR
[72] GATEAU, PATRICK, FR
[72] HERZHAFT, BENJAMIN, FR
[73] IFP ENERGIES NOUVELLES, FR
[73] RHODIA OPERATIONS, FR
[85] 2011-07-15
[86] 2009-12-23 (PCT/FR2009/001481)
[87] (WO2010/081944)
[30] US (61/145,254) 2009-01-16

[11] **2,750,052**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **MEDICAL SYSTEM AND METHOD FOR PROVIDING GLYCEMIC CONTROL BASED ON GLYCEMIC RESPONSE INFORMATION**
[54] **SYSTEME MEDICAL ET PROCEDE PERMETTANT D'ASSURER LA REGULATION DE LA GLYCEMIE SUR LA BASE D'INFORMATIONS RELATIVES A LA REPONSE GLYCEMIQUE**
[72] TUBB, ANDREW, FR
[72] KOHLI, AMIT, FR
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2011-07-19
[86] 2010-02-03 (PCT/EP2010/051267)
[87] (WO2010/089306)
[30] EP (09001563.7) 2009-02-04

[11] **2,751,165**
[13] C
[51] **Int.Cl. G01N 27/22 (2006.01) C09D 5/00 (2006.01) C09K 3/18 (2006.01)**
[25] EN
[54] **A SENSOR FOR MEASURING THE CONCENTRATION OF A SOLVENT OR SOLUTE IN A MIXED SOLUTION SYSTEM**
[54] **CAPTEUR POUR MESURER LA CONCENTRATION D'UN SOLVANT OU D'UN SOLUTE DANS UN SYSTEME MIXTE EN SOLUTION**
[72] SHEN, JUN, CA
[72] GU, CAIKANG (ELTON), CA
[72] ZHANG, JIUJUN, CA
[72] WILKINSON, DAVID P., CA
[72] WANG, HAIJIANG, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2011-07-29
[86] 2010-02-05 (PCT/CA2010/000160)
[87] (WO2010/088770)
[30] US (61/202,209) 2009-02-05

[11] **2,751,234**
[13] C
[51] **Int.Cl. B22D 41/38 (2006.01)**
[25] FR
[54] **DRIVE DEVICE OF A REGULATION VALVE FOR CASTING LIQUID METAL**
[54] **DISPOSITIF D'ENTRAINEMENT D'UNE VALVE DE REGULATION POUR LA COULEE DE METAL LIQUIDE**
[72] BOISDEQUIN, VINCENT, BE
[72] BUTTS, JEFFREY, US
[72] QUINN, JASON, US
[73] VESUVIUS GROUP S.A., BE
[85] 2011-07-29
[86] 2010-02-16 (PCT/EP2010/000928)
[87] (WO2010/094447)
[30] EP (EP09153150) 2009-02-18

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[11] **2,751,264**
[13] C
[51] **Int.Cl. C21B 7/20 (2006.01) C21B 7/24 (2006.01) F27B 1/20 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ADJUSTING THE FLOW RATE OF CHARGE MATERIAL IN A CHARGING PROCESS OF A SHAFT FURNACE**
[54] **PROCEDE ET SYSTEME PERMETTANT D'AJUSTER LE DEBIT D'UN MATERIAU DE CHARGE LORS D'UN PROCESSUS DE CHARGE D'UN FOUR VERTICAL**
[72] TOCKERT, PAUL, LU
[72] BREDEN, EMILE, LU
[72] LONARDI, EMILE, LU
[72] MEYER, DAMIEN, FR
[73] PAUL WURTH S.A., LU
[85] 2011-07-29
[86] 2010-02-11 (PCT/EP2010/051748)
[87] (WO2010/092132)
[30] LU (91 525) 2009-02-11

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[11] **2,751,811**
[13] C
[51] **Int.Cl. H01J 37/32 (2006.01) H01J 37/34 (2006.01)**
[25] EN
[54] **MODIFIABLE MAGNET CONFIGURATION FOR ARC VAPORIZATION SOURCES**
[54] **CONFIGURATION D'AIMANT MODIFIABLE POUR SOURCES DE VAPORISATION A ARC**
[72] KRASSNITZER, SIEGFRIED, AT
[72] HAGMANN, JUERG, CH
[72] GSTOEHL, OLIVER, LI
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2011-08-08
[86] 2009-12-30 (PCT/EP2009/009319)
[87] (WO2010/088947)
[30] DE (10 2009 008 161.5) 2009-02-09

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[11] **2,751,893**
[13] C
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/04 (2009.01) H04W 84/10 (2009.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR ACCESSING A STRUCTURE USING A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE SERVANT A ACCEDER A UNE STRUCTURE EN UTILISANT UN DISPOSITIF MOBILE**
[72] ROBERTSON, WILLIAM BENJAMIN, US
[72] BARDEN, ROBERT P., US
[73] YIKES, LLC, US
[85] 2011-08-09
[86] 2010-01-19 (PCT/US2010/021403)
[87] (WO2010/093499)
[30] US (12/368,601) 2009-02-10
[30] US (12/536,103) 2009-08-05

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[11] **2,752,590**
[13] C
[51] **Int.Cl. C12N 15/55 (2006.01) A61K 38/46 (2006.01) A61P 35/00 (2006.01) C07K 1/00 (2006.01) C07K 14/47 (2006.01) C07K 16/40 (2006.01) C07K 17/00 (2006.01) C08L 91/00 (2006.01) C12N 9/16 (2006.01) C12N 9/96 (2006.01) C12N 11/00 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF EXTRACELLULAR FORM OF PTEN THAT CAN BE USED TO TREAT TUMORS**
[54] **IDENTIFICATION DE FORME EXTRACELLULAIRE DE PTEN QUI PEUT ETRE UTILISEE POUR TRAITER DES TUMEURS**
[72] PARSONS, RAMON, US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2011-08-15
[86] 2010-02-17 (PCT/US2010/000469)
[87] (WO2010/096173)
[30] US (61/207,974) 2009-02-17

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[11] **2,752,699**
[13] C
[51] **Int.Cl. G06T 13/00 (2011.01) G06T 13/40 (2011.01) A63F 13/52 (2014.01) A63F 13/55 (2014.01) G06T 7/20 (2017.01)**
[25] EN
[54] **CHAINING ANIMATIONS**
[54] **ENCHAINEMENT D'ANIMATIONS**
[72] GEISNER, KEVIN, US
[72] MARKOVIC, RELJA, US
[72] LATTA, STEPHEN GILCHRIST, US
[72] SNOOK, GREGORY NELSON, EC
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-08-18
[86] 2010-03-02 (PCT/US2010/025919)
[87] (WO2010/107575)
[30] US (12/408,141) 2009-03-20

[11] **2,752,913**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C07H 21/04 (2006.01) C12N 9/86 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **METHODS FOR THE DETECTION AND IDENTIFICATION OF EXTENDED SPECTRUM BETA LACTAMASES**
[54] **PROCEDES POUR LA DETECTION ET L'IDENTIFICATION DE BETA LACTAMASES A SPECTRE ETENDU**
[72] LIPPE, CATHERINE, CA
[72] DUTEAUD, ISABELLE, CA
[72] ROGER-DALBERT, CELINE, CA
[73] BECTON DICKINSON INFUSION THERAPY SYSTEMS INC., US
[85] 2011-08-17
[86] 2010-02-19 (PCT/US2010/024832)
[87] (WO2010/096723)
[30] US (61/153,954) 2009-02-19

[11] **2,753,128**
[13] C
[51] **Int.Cl. A23J 1/14 (2006.01) A23J 3/14 (2006.01) A23J 3/26 (2006.01) C08J 3/12 (2006.01)**
[25] FR
[54] **GRANULATED POWDER CONTAINING VEGETABLE PROTEINS AND FIBRES, METHOD FOR PRODUCING SAME, AND USE THEREOF**
[54] **POUDRE GRANULEE CONTENANT DES PROTEINES VEGETALES ET DES FIBRES, LEUR PROCEDE D'OBTENTION ET LEURS UTILISATIONS**
[72] BOURSIER, BERNARD, FR
[72] PASSE, DAMIEN, FR
[73] ROQUETTE FRERES, FR
[85] 2011-08-18
[86] 2010-02-25 (PCT/FR2010/050327)
[87] (WO2010/100368)
[30] FR (0951293) 2009-03-02

[11] **2,753,216**
[13] C
[51] **Int.Cl. A61L 31/16 (2006.01) A61L 15/22 (2006.01) A61L 24/00 (2006.01) A61L 24/04 (2006.01) A61L 31/04 (2006.01)**
[25] EN
[54] **MEDICAL DEVICES INCORPORATING FUNCTIONAL ADHESIVES**
[54] **DISPOSITIFS MEDICAUX INCORPORANT DES ADHESIFS FONCTIONNELS**
[72] LADET, SEBASTIEN, FR
[72] GRAVAGNA, PHILIPPE, FR
[73] SOFRADIM PRODUCTION, FR
[85] 2011-08-19
[86] 2010-02-22 (PCT/IB2010/000575)
[87] (WO2010/095046)
[30] US (61/154,367) 2009-02-21

[11] **2,753,233**
[13] C
[51] **Int.Cl. B07B 1/49 (2006.01) B01D 33/00 (2006.01)**
[25] EN
[54] **MANUFACTURE OF A FILTER SCREEN**
[54] **FABRICATION D'UNE GRILLE FILTRANTE**
[72] BAILEY, MARSHALL GRAHAM, GB
[73] AXIOM PROCESS LIMITED, GB
[85] 2011-08-22
[86] 2010-02-24 (PCT/GB2010/000328)
[87] (WO2010/097578)
[30] GB (0903197.2) 2009-02-25

[11] **2,753,275**
[13] C
[51] **Int.Cl. A23B 4/02 (2006.01) A23L 3/30 (2006.01) A23L 3/3454 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE SENSORY PROPERTIES AND RESISTANCE OF FOOD AND DRINK PRODUCTS TO MICRO-ORGANISMS**
[54] **PROCEDE D'AMELIORATION DES PROPRIETES ORGANOLEPTIQUES ET DE LA RESISTANCE AUX MICRO-ORGANISMES DE PRODUITS ALIMENTAIRES ET DE BOISSONS**
[72] VISSER, DIANA, NL
[72] KNIKKER, DIRK ALEXANDER, NL
[73] PURAC BIOCHEM BV, NL
[85] 2011-08-22
[86] 2010-02-22 (PCT/EP2010/052200)
[87] (WO2010/097364)
[30] US (61/202,408) 2009-02-25
[30] EP (09153619.3) 2009-02-25

[11] **2,754,098**
[13] C
[51] **Int.Cl. G06K 7/10 (2006.01)**
[25] EN
[54] **DETECTION OF A CONTACTLESS DATA STORAGE DEVICE**
[54] **DETECTION D'UN DISPOSITIF DE STOCKAGE DE DONNEES SANS CONTACT**
[72] HAUSMANN, PETER, CH
[72] PLUSS, MARCEL, CH
[72] SCHNAUBELT, MATTHIAS, CH
[73] LEGIC IDENTSYSTEMS AG, CH
[86] (2754098)
[87] (2754098)
[22] 2011-09-27
[30] CH (01594/10) 2010-09-30

[11] **2,754,238**
[13] C
[51] **Int.Cl. G06Q 40/06 (2012.01)**
[25] EN
[54] **A SYSTEM, METHOD, AND PROGRAM PRODUCT FOR MANAGING A COLLECTIVE INVESTMENT VEHICLE INCLUDING A TRUE-UP OPERATION**
[54] **SYSTEME, METHODE ET PRODUIT DE PROGRAMME POUR LA GESTION D'UN VEHICULE D'INVESTISSEMENT COLLECTIF COMPRENANT UNE OPERATION D'EGALISATION**
[72] KUHNLE, PAUL E., US
[72] SIMON, GEORGE T., US
[72] THOMAS, JOHN S., US
[72] CRISCITELLO, MARK S., US
[72] MCCABE, DANIEL J., US
[73] D12 VENTURES, LLC, US
[86] (2754238)
[87] (2754238)
[22] 2011-09-30
[30] US (12/896,295) 2010-10-01

---

[11] **2,754,403**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/055 (2006.01) A61H 39/06 (2006.01)**
[25] EN
[54] **SPINAL CORD FUNCTION ASSESSMENT**
[54] **EVALUATION DE LA FONCTION DE LA MOELLE EPINIERE**
[72] STROMAN, PATRICK WILLIAM, CA
[73] STROMAN, PATRICK WILLIAM, CA
[86] (2754403)
[87] (2754403)
[22] 2011-10-07

---

[11] **2,754,493**
[13] C
[51] **Int.Cl. G06K 9/18 (2006.01) G06Q 10/02 (2012.01)**
[25] EN
[54] **NETWORKED BARCODE VERIFICATION SYSTEM**
[54] **SYSTEME DE VERIFICATION DE CODE A BARRES EN RESEAU**
[72] MARTI, BENJAMIN J., US
[72] DENKER, DENNIS A., US
[72] LEVIN, SAMUEL, US
[73] TICKETMASTER, LLC, US
[85] 2011-09-02
[86] 2010-03-04 (PCT/US2010/026242)
[87] (WO2010/102129)
[30] US (61/158,237) 2009-03-06

---

[11] **2,754,913**
[13] C
[51] **Int.Cl. A61K 31/7068 (2006.01) A61K 31/18 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATIONS COMPRISING RDEA119/BAY 869766 FOR THE TREATMENT OF SPECIFIC CANCERS**
[54] **COMBINAISONS PHARMACEUTIQUES RENFERMANT DU RDEA119/BAY 869766 EN VUE DU TRAITEMENT DE CANCERS SPECIFIQUES**
[72] CHAPMAN, MARK S., US
[73] ARDEA BIOSCIENCES, INC., US
[85] 2011-09-08
[86] 2010-03-11 (PCT/US2010/027060)
[87] (WO2010/105110)
[30] US (61/159,403) 2009-03-11

---

[11] **2,755,326**
[13] C
[51] **Int.Cl. H04W 28/00 (2009.01) H04W 72/00 (2009.01) H04B 7/15 (2006.01)**
[25] EN
[54] **RELAY RECEPTION SYNCHRONIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION DE RECEPTION DE RELAIS**
[72] YU, YI, US
[72] CAI, ZHIJUN, US
[72] WOMACK, JAMES EARL, US
[73] BLACKBERRY LIMITED, CA
[85] 2011-09-12
[86] 2010-03-11 (PCT/US2010/027044)
[87] (WO2010/105100)
[30] US (61/160,158) 2009-03-13
[30] US (61/160,156) 2009-03-13
[30] US (61/160,163) 2009-03-13

---

[11] **2,755,334**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/04 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE SEED METER WITH AN ENDLESS BELT SEED TRANSPORT MEMBER**
[54] **DOSEUR DE GRAINES A PRESSION DIFFERENTIELLE DOTE D'UN ORGANE DE TRANSPORT DE GRAINES A COURROIE SANS FIN**
[72] GARNER, ELIJAH, US
[72] FRIESTAD, MICHAEL E., US
[72] MARIMAN, NATHAN A., US
[73] DEERE & COMPANY, US
[85] 2011-09-02
[86] 2010-03-18 (PCT/US2010/027767)
[87] (WO2010/088703)

---

[11] **2,755,652**
[13] C
[51] **Int.Cl. H04B 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR COMMUNICATING AN ELECTRICAL SIGNAL**
[54] **PROCEDE DE COMMUNICATION D'UN SIGNAL ELECTRIQUE**
[72] DWARS, SICCO, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2011-09-15
[86] 2010-03-15 (PCT/EP2010/053243)
[87] (WO2010/105997)
[30] EP (09155375.0) 2009-03-17

---

[11] **2,755,777**
[13] C
[51] **Int.Cl. D21F 1/80 (2006.01) B30B 5/06 (2006.01) B30B 9/24 (2006.01) D21F 1/66 (2006.01)**
[25] EN
[54] **TWIN WIRE PRESS**
[54] **PRESSE A DOUBLE TOILE**
[72] DIONNE, HUGUES, CA
[72] HETU, MARC-ANDRE, CA
[72] PARENTEAU, DANIEL, CA
[73] KADANT CANADA CORP., CA
[85] 2011-09-09
[86] 2010-03-09 (PCT/CA2010/000346)
[87] (WO2010/102398)
[30] CA (2,657,627) 2009-03-10

[11] **2,755,869**
[13] C
[51] **Int.Cl. C04B 26/26 (2006.01) C04B 40/00 (2006.01) C08L 95/00 (2006.01)**
[25] FR
[54] **SYSTEM OF ADDITIVES FOR THE PREPARATION OF A WARM MIX FOR ROAD USE BASED ON AN AMINE-TYPE SURFACTANT**
[54] **SYSTEME D'ADDITIFS POUR LA PREPARATION D'ENROBE TIEDE A USAGE ROUTIER A BASE DE SURFACTANT DE TYPE AMINE**
[72] DURAND, GRAZIELLA, FR
[72] THORNTON, JOHN, IE
[73] COLAS, FR
[85] 2011-09-16
[86] 2010-02-10 (PCT/FR2010/050225)
[87] (WO2010/092300)
[30] FR (0950938) 2009-02-13

---

[11] **2,755,994**
[13] C
[51] **Int.Cl. H04W 24/10 (2009.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SIGNALING MECHANISMS FOR NETWORK-RELAY INTERFACE WITH REDUCED OVERHEAD**
[54] **MECANISMES DE SIGNALISATION POUR INTERFACE DE RELAIS DE RESEAU AVEC SURDEBIT LIMITE**
[72] KAZMI, MUHAMMAD, SE
[72] GAN, JIANSONG, CN
[72] HU, YANG, CN
[72] LIU, YIN, CN
[72] QIAN, YU, CN
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2011-09-19
[86] 2010-03-18 (PCT/IB2010/000581)
[87] (WO2010/106427)
[30] US (61/161,932) 2009-03-20
[30] US (12/469,752) 2009-05-21

---

[11] **2,756,081**
[13] C
[51] **Int.Cl. A61M 39/02 (2006.01) A61M 5/142 (2006.01) A61M 39/04 (2006.01)**
[25] EN
[54] **PARTIALLY IMPLANTABLE MEDICAL DEVICES, FLUID CARTRIDGES FOR USE WITH SAME, AND ASSOCIATED APPARATUS AND METHODS**
[54] **DISPOSITIFS MEDICAUX PARTIELLEMENT IMPLANTABLES, CARTOUCHES DE FLUIDE POUR UTILISATION AVEC CEUX-CI ET APPAREIL ET PROCEDES ASSOCIES**
[72] MANN, ALFRED E., US
[72] HE, TOM XIAOHAI, US
[73] INCUMED, LLC, US
[85] 2011-09-21
[86] 2010-02-18 (PCT/US2010/024628)
[87] (WO2010/096589)
[30] US (12/390,432) 2009-02-21
[30] US (12/390,425) 2009-02-21
[30] US (12/390,430) 2009-02-21
[30] US (12/390,434) 2009-02-21
[30] US (12/390,437) 2009-02-21
[30] US (12/390,438) 2009-02-21

---

[11] **2,756,130**
[13] C
[51] **Int.Cl. A61C 9/00 (2006.01) A61C 5/64 (2017.01) A61M 5/178 (2006.01) A61M 5/19 (2006.01)**
[25] EN
[54] **SYRINGE FOR SINGLE USE**
[54] **SERINGUE A USAGE UNIQUE**
[72] ETTLIN, JOSEF, CH
[72] HEGGLIN, ARMIN, CH
[73] SULZER MIXPAC AG, CH
[85] 2011-09-21
[86] 2010-03-19 (PCT/EP2010/053625)
[87] (WO2010/108868)
[30] EP (09155936.9) 2009-03-23

---

[11] **2,756,160**
[13] C
[51] **Int.Cl. C07D 493/04 (2006.01) C08G 18/00 (2006.01) C08G 64/00 (2006.01) C08G 71/04 (2006.01) C08K 5/1535 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING A DIALKYL CARBONATE OF DIANHYDROHEXITOL**
[54] **PROCEDE DE PREPARATION DE DI (ALKYLCARBONATE) DE DIANHYDROHEXITOL**
[72] FUERTES, PATRICK, FR
[72] IBERT, MATHIAS, FR
[72] JOSIEN, EMILIE, FR
[72] TUNDO, PIETRO, IT
[72] ARICO, FABIO, IT
[73] ROQUETTE FRERES, FR
[85] 2011-09-21
[86] 2010-09-30 (PCT/FR2010/052066)
[87] (WO2011/039483)
[30] FR (0956835) 2009-10-01

---

[11] **2,756,284**
[13] C
[51] **Int.Cl. G01D 5/12 (2006.01) A61B 5/1172 (2016.01) G06K 9/00 (2006.01)**
[25] EN
[54] **IMPROVED PIEZOELECTRIC IDENTIFICATION DEVICE AND APPLICATIONS THEREOF**
[54] **DISPOSITIF D'IDENTIFICATION PIEZOELECTRIQUE AMELIORE ET APPLICATIONS ASSOCIEES**
[72] SCHMITT, RAINER M., US
[72] LIAUTAUD, CHRISTIAN, US
[73] SONAVATION, INC., US
[85] 2011-09-22
[86] 2010-03-23 (PCT/US2010/000847)
[87] (WO2010/110867)
[30] US (12/409,343) 2009-03-23

[11] **2,756,542**
[13] C
[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/506 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **6-(3-AZA-BICYCLO[3.1.0]HEX-3-YL)-2-PHENYL-PYRIMIDINES**
[54] **6-(3-AZABICYCLO[3.1.0]HEX-3-YL)-2-PHENYLPYRIMIDINES**
[72] CAROFF, EVA, CH
[72] HILPERT, KURT, CH
[72] HUBLER, FRANCIS, CH
[72] MEYER, EMMANUEL, CH
[72] RENNEBERG, DORTE, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2011-09-23
[86] 2010-04-07 (PCT/IB2010/051499)
[87] (WO2010/116328)
[30] IB (PCT/IB2009/051486) 2009-04-08

[11] **2,756,654**
[13] C
[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/496 (2006.01) A61P 7/02 (2006.01) A61P 9/10 (2006.01) C07F 9/38 (2006.01)**
[25] EN
[54] **THIAZOLE DERIVATIVES AND THEIR USE AS P2Y12 RECEPTOR ANTAGONISTS**
[54] **DERIVES DE THIAZOLE ET LEUR UTILISATION COMME ANTAGONISTES DES RECEPTEURS P2Y12**
[72] CAROFF, EVA, CH
[72] HILPERT, KURT, CH
[72] HUBLER, FRANCIS, CH
[72] LEHMANN, DAVID, CH
[72] MEYER, EMMANUEL, CH
[72] RENNEBERG, DORTE, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2011-09-23
[86] 2010-04-21 (PCT/IB2010/051742)
[87] (WO2010/122504)
[30] IB (PCT/IB2009/051647) 2009-04-22

[11] **2,757,455**
[13] C
[51] **Int.Cl. C09J 175/14 (2006.01) C09J 5/02 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **ULTRAVIOLET RADIATION CURABLE PRESSURE SENSITIVE ACRYLIC ADHESIVE**
[54] **ADHESIF ACRYLIQUE AUTOCOLLANT DURCISSABLE PAR UN RAYONNEMENT ULTRAVIOLET**
[72] HAMMOND, TERRY EMERSON, US
[72] HU, XIAOCHUAN, US
[73] ASHLAND LICENSING AND INTELLECTUAL PROPERTY, LLC, US
[85] 2011-09-30
[86] 2010-03-31 (PCT/US2010/029364)
[87] (WO2010/114883)
[30] US (61/166,431) 2009-04-03

[11] **2,757,958**
[13] C
[51] **Int.Cl. A61M 5/145 (2006.01)**
[25] EN
[54] **MEDICAL FLUID DELIVERY SYSTEM WITH RFID-EQUIPPED WAND**
[54] **SYSTEME D'ADMINISTRATION DE FLUIDE MEDICAL AVEC BAGUETTE EQUIPEE D'IDENTIFICATION RADIOFREQUENCE**
[72] BRUCE, JOHN K., US
[72] GIBSON, CHAD M., US
[72] STROBL, GEOFFREY S., US
[73] LIEBEL-FLARSHEIM COMPANY LLC, US
[85] 2011-10-06
[86] 2010-04-05 (PCT/US2010/029899)
[87] (WO2010/117923)
[30] US (61/168,003) 2009-04-09

[11] **2,758,332**
[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/00 (2006.01) H04W 12/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING SECURE AND NON-SECURE DATA**
[54] **PROCEDE ET APPAREIL DESTINES A TRANSMETTRE ET A RECEVOIR DES DONNEES SECURISEES ET NON SECURISEES**
[72] DHANDA, MUNGAL S., US
[72] WALKE, SIMON, US
[73] QUALCOMM INCORPORATED, US
[85] 2011-10-11
[86] 2009-03-17 (PCT/US2009/037451)
[87] (WO2010/021764)
[30] US (61/091,292) 2008-08-22

[11] **2,758,381**
[13] C
[51] **Int.Cl. B65D 83/08 (2006.01) G09F 23/00 (2006.01) G09F 27/00 (2006.01)**
[25] EN
[54] **CONSUMER PRODUCT KIT**
[54] **COFFRET DE PRODUIT DE CONSOMMATION**
[72] WEN, CATHY, US
[72] RODGERS, KEVIN MICHAEL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] SCHICK, ROBERT JOSEPH, US
[72] MAHONEY, WILLIAM PAUL, III, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2011-10-11
[86] 2010-04-13 (PCT/US2010/030818)
[87] (WO2010/123718)
[30] US (12/429,518) 2009-04-24

[11] **2,758,655**
[13] C
[51] **Int.Cl. C09K 8/34 (2006.01) C09K 8/32 (2006.01)**
[25] FR
[54] **FLUIDE DE FORAGE EN MER PROFOND**
[54] **FLUIDE DE FORAGE POUR GRANDS FONDS**
[72] LAMRANI-KERN, SAMIA, FR
[73] TOTAL MARKETING SERVICES, FR
[85] 2011-10-13
[86] 2010-04-14 (PCT/IB2010/051625)
[87] (WO2010/119413)
[30] FR (FR09/01830) 2009-04-15

[11] **2,759,036**
[13] C
[51] **Int.Cl. G06Q 10/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO THE DISTRIBUTION AND PRINTING OF TRAVEL DOCUMENTS**
[54] **PERFECTIONNEMENTS APPORTES A LA DELIVRANCE ET A L'IMPRESSION DE DOCUMENTS DE VOYAGE OU S'Y RAPPORTANT**
[72] KEZZOU, AZIZ, FR
[72] HUBIM, EDOUARD, FR
[72] SAUVAGE, JEAN-MICHEL, FR
[73] AMADEUS S.A.S., FR
[85] 2011-10-18
[86] 2010-04-22 (PCT/EP2010/055392)
[87] (WO2010/133420)
[30] EP (09305451.8) 2009-05-18

[11] **2,759,053**
[13] C
[51] **Int.Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **PRESSURIZED IRRIGATION SQUEEZE BAND**
[54] **BANDE DE COMPRESSION POUR IRRIGATION SOUS PRESSION**
[72] WILSON, DANIEL J., US
[73] ALCON RESEARCH, LTD., US
[85] 2011-10-17
[86] 2010-05-03 (PCT/US2010/033334)
[87] (WO2010/135071)
[30] US (12/469,354) 2009-05-20

[11] **2,759,126**
[13] C
[51] **Int.Cl. C07D 211/62 (2006.01) A61K 31/165 (2006.01) A61K 31/44 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) C07D 207/277 (2006.01) C07D 213/81 (2006.01) C07D 233/90 (2006.01) C07D 237/24 (2006.01) C07D 239/28 (2006.01) C07D 239/557 (2006.01) C07D 261/18 (2006.01) C07D 271/10 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **COMPOUNDS AS BRADYKININ B1 ANTAGONISTS**
[54] **COMPOSES COMME ANTAGONONISTES DE BRADYKININE B1**
[72] HAUEL, NORBERT, DE
[72] CECI, ANGELO, DE
[72] DOODS, HENRI, DE
[72] KONETZKI, INGO, DE
[72] MACK, JUERGEN, DE
[72] PRIEPKE, HENNING, DE
[72] SCHULER-METZ, ANNETTE, DE
[72] WALTER, RAINER, DE
[72] WIEDENMAYER, DIETER, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2011-09-23
[86] 2010-02-23 (PCT/EP2010/052232)
[87] (WO2010/097372)
[30] EP (09153778.7) 2009-02-26

[11] **2,759,390**
[13] C
[51] **Int.Cl. C07D 301/10 (2006.01)**
[25] EN
[54] **METHODS FOR ENHANCING THE EFFICIENCY OF RHENIUM-PROMOTED EPOXIDATION CATALYSTS AND EPOXIDATION METHODS UTILIZING THESE**
[54] **PROCEDES POUR AMELIORER L'EFFICACITE DE CATALYSEURS D'EPOXYDATION A PROMOTEUR RHENIUM ET PROCEDES D'EPOXYDATION UTILISANT CES PROCEDES**
[72] LIU, ALBERT CHENG-YU, US
[72] ZHANG, LIPING, US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2011-10-18
[86] 2010-04-05 (PCT/US2010/029948)
[87] (WO2010/123675)
[30] US (61/171,207) 2009-04-21

[11] **2,759,503**
[13] C
[51] **Int.Cl. C21B 7/00 (2006.01) F27D 17/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR BURNING BLAST FURNACE OFF-GAS FROM A BLEEDER VALVE AND CORRESPONDING BLEEDER VALVE**
[54] **AGENCEMENT PERMETTANT DE BRULER LES GAZ RESIDUELS DE HAUT FOURNEAU PROVENANT D'UNE VANNE DE DEGAZAGE ET VANNE DE DEGAZAGE CORRESPONDANTE**
[72] SIMOES, JEAN-PAUL, LU
[72] LOUTSCH, JEANNOT, LU
[72] HAUSEMER, LIONEL, LU
[73] PAUL WURTH S.A., LU
[85] 2011-10-19
[86] 2010-05-19 (PCT/EP2010/056867)
[87] (WO2010/133623)
[30] LU (LU 91 570) 2009-05-19

[11] **2,760,172**
[13] C
[51] **Int.Cl. F25J 1/02 (2006.01) F02C 7/143 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COOLING A GASEOUS HYDROCARBON STREAM**
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UN FLUX D'HYDROCARBURES GAZEUX**
[72] VAN DE LISDONK, CAROLUS ANTONIUS CORNELIS, NL
[72] MEIRING, WOUTER JAN, NL
[72] KLEIN NAGELVOORT, ROBERT, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2011-10-26
[86] 2010-05-11 (PCT/EP2010/056481)
[87] (WO2010/133482)
[30] EP (09160538.6) 2009-05-18
[30] EP (10150231.8) 2010-01-07

[11] **2,760,173**
[13] C
[51] **Int.Cl. A61K 8/67 (2006.01) A61K 8/34 (2006.01) A61K 8/36 (2006.01) A61K 8/49 (2006.01) A61K 8/60 (2006.01) A61K 8/92 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **USE OF DELTA-TOCOPHERYL-CARBOHYDRATE AS A DEPIGMENTING AGENT**
[54] **UTILISATION DE DELTA-TOCOPHERYL-CARBOHYDRATE EN TANT QU'AGENT DE DEPIGMENTATION**
[72] POIGNY, STEPHANE, FR
[72] BELAUBRE, FRANCOISE, FR
[72] SAURAT, JEAN-HILAIRE, CH
[72] SORG, OLIVIER, CH
[72] KASRAEE, BEHROOZ, CH
[73] PIERRE FABRE DERMO-COSMETIQUE, FR
[85] 2011-10-26
[86] 2010-05-12 (PCT/EP2010/056533)
[87] (WO2010/130776)
[30] FR (0953180) 2009-05-14

---

[11] **2,760,275**
[13] C
[51] **Int.Cl. C07K 14/01 (2006.01) C12N 15/10 (2006.01)**
[25] FR
[54] **MODIFICATION OF THE GENOME OF A LYTIC BACTERIOPHAGE BY IMMOBILIZING SAID BACTERIOPHAGE IN THE HOST BACTERIUM THEREOF**
[54] **MODIFICATION DU GENOME D'UN BACTERIOPHAGE LYTIQUE PAR IMMOBILISATION DUDIT BACTERIOPHAGE DANS SA BACTERIE HOTE**
[72] POUILLOT, FLAVIE, FR
[72] IRIS, FRANCOIS, FR
[73] PHERECYDES PHARMA, FR
[85] 2011-10-26
[86] 2010-04-27 (PCT/FR2010/050796)
[87] (WO2010/125296)
[30] FR (0952933) 2009-04-30

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[11] **2,760,285**
[13] C
[51] **Int.Cl. G09B 19/00 (2006.01) A63B 71/06 (2006.01) G07C 1/22 (2006.01)**
[25] EN
[54] **TRAINING PROGRAM AND MUSIC PLAYLIST GENERATION FOR ATHLETIC TRAINING**
[54] **PROGRAMME D'ENTRAINEMENT ET GENERATION DE LISTE DE LECTURE DE MUSIQUE POUR ENTRAINEMENT ATHLETIQUE**
[72] JOHNSON, OMAR A., US
[73] NIKE INNOVATE C.V., US
[85] 2011-10-27
[86] 2010-04-27 (PCT/US2010/032509)
[87] (WO2010/129252)
[30] US (61/172,990) 2009-04-27
[30] US (61/183,172) 2009-06-02

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[11] **2,760,481**
[13] C
[51] **Int.Cl. D02G 3/04 (2006.01) D02G 3/44 (2006.01)**
[25] EN
[54] **CRYSTALLIZED META-ARAMID BLENDS FOR IMPROVED FLASH FIRE AND SUPERIOR ARC PROTECTION**
[54] **MELANGES META-ARAMIDES CRISTALLISES DOTES D'UNE CAPACITE DE PROTECTION ACCRUE CONTRE LES FLAMMECHES ET LES ARCS**
[72] ZHU, REIYAO, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2011-10-28
[86] 2010-06-02 (PCT/US2010/037023)
[87] (WO2010/141549)
[30] US (12/476,584) 2009-06-02

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[11] **2,760,597**
[13] C
[51] **Int.Cl. C07D 413/12 (2006.01)**
[25] EN
[54] **ISOXAZOLE-PYRIDAZINE DERIVATIVES**
[54] **DERIVES D'ISOXAZOLE-PYRIDAZINE**
[72] LUCAS, MATTHEW C., US
[72] THOMAS, ANDREW, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2011-10-31
[86] 2010-04-28 (PCT/EP2010/055669)
[87] (WO2010/127968)
[30] EP (09159412.7) 2009-05-05

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[11] **2,760,634**
[13] C
[51] **Int.Cl. A61F 7/00 (2006.01) A47C 21/04 (2006.01) A47G 9/00 (2006.01)**
[25] EN
[54] **IMPROVED PATIENT WARMING SYSTEM**
[54] **SYSTEME AMELIORE DE RECHAUFFEMENT DE PATIENT**
[72] DUNLOP, COLIN, AU
[73] DUNLOP, COLIN, AU
[85] 2011-11-01
[86] 2010-04-01 (PCT/AU2010/000383)
[87] (WO2010/111750)
[30] AU (2009901413) 2009-04-01
[30] AU (2009902819) 2009-06-18

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[11] **2,761,020**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 10/00 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS OF PROVIDING PERSONALIZED VIRTUAL ENVIRONMENT**
[54] **PROCEDE ET APPAREIL DE FOURNITURE D'ENVIRONNEMENT VIRTUEL PERSONNALISE**
[72] STRANDELL, TONI, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2011-11-03
[86] 2010-04-08 (PCT/FI2010/050280)
[87] (WO2010/128202)
[30] US (12/463,119) 2009-05-08

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[11] **2,761,576**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/00 (2006.01) A61K 31/4184 (2006.01)**
[25] EN
[54] **ORAL SUSPENSION COMPRISING TELMISARTAN**
[54] **SOLUTION PHARMACEUTIQUE BUVABLE DE TELMISARTAN**
[72] MOHR, DETLEF, DE
[72] LEHNER, STEFAN, DE
[73] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2011-11-09
[86] 2010-05-19 (PCT/EP2010/056895)
[87] (WO2010/133638)
[30] EP (09160771.3) 2009-05-20

[11] **2,761,723**
[13] C
[51] **Int.Cl. G02C 7/02 (2006.01) A61F 2/16 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **IOL WITH VARYING CORRECTION OF CHROMATIC ABERRATION**
[54] **LENTILLE INTRA-OCULAIRE AVEC CORRECTION VARIABLE DE L'ABERRATION CHROMATIQUE**
[72] ZHANG, XIAOXIAO, US
[72] CURATU, COSTIN EUGENE, US
[72] VENKATESWARAN, KRISHNAKUMAR, US
[72] CARSON, DANIEL ROBERT, US
[72] KARAKELLE, MUTLU, US
[72] HONG, XIN, US
[72] LIU, YUEAI, US
[73] NOVARTIS AG, CH
[85] 2011-11-10
[86] 2010-06-04 (PCT/US2010/037371)
[87] (WO2010/144315)
[30] US (61/185,510) 2009-06-09

[11] **2,761,759**
[13] C
[51] **Int.Cl. A61F 2/90 (2013.01)**
[25] EN
[54] **STENT**
[54] **ENDOPROTHESE**
[72] DREHER, GAEL, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
[85] 2011-11-10
[86] 2010-05-12 (PCT/EP2010/056557)
[87] (WO2010/130788)
[30] GB (0908315.5) 2009-05-14
[30] US (61/178,416) 2009-05-14

[11] **2,761,820**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/14 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **CONFIGURING NETWORK DEVICES**
[54] **CONFIGURATION DE DISPOSITIFS DE RESEAU**
[72] GARCIA, MAURICE, US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[85] 2011-11-10
[86] 2010-05-18 (PCT/US2010/035246)
[87] (WO2010/135320)
[30] US (12/467,860) 2009-05-18

[11] **2,761,840**
[13] C
[51] **Int.Cl. C04B 7/02 (2006.01) C04B 7/36 (2006.01) C04B 20/04 (2006.01) C04B 20/06 (2006.01) C04B 28/00 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **PORTLAND LIMESTONE CALCINED CLAY CEMENT**
[54] **CIMENT PORTLAND A BASE DE CALCAIRE ET D'ARGILE CUITE**
[72] HERFORT, DUNCAN, DK
[72] DAMTOFT, JESPER SAND, DK
[73] AALBORG PORTLAND A/S, DK
[85] 2011-11-14
[86] 2010-04-09 (PCT/EP2010/054713)
[87] (WO2010/130511)
[30] EP (09160271.4) 2009-05-14
[30] US (61/213,174) 2009-05-14

[11] **2,762,840**
[13] C
[51] **Int.Cl. C04B 28/16 (2006.01) C04B 28/34 (2006.01) C04B 41/50 (2006.01)**
[25] EN
[54] **CALCIUM SULPHATE-BASED PRODUCTS HAVING ENHANCED WATER RESISTANCE**
[54] **PRODUIT A BASE DE SULFATE DE CALCIUM AYANT UNE RESISTANCE A L'EAU ACCRUE**
[72] FISHER, ROBIN, GB
[73] BPB LIMITED, GB
[85] 2011-11-21
[86] 2010-05-24 (PCT/GB2010/050848)
[87] (WO2010/133898)
[30] GB (0908809.7) 2009-05-22

[11] **2,763,048**
[13] C
[51] **Int.Cl. H04W 52/34 (2009.01) H04W 52/14 (2009.01) H04W 52/36 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **REPORTING POWER HEADROOM FOR AGGREGATED CARRIERS**
[54] **COMPTE RENDU DE MARGE DE PUISSANCE POUR PORTEUSES AGGLOMEREES**
[72] CAI, ZHIJUN, US
[72] MCBEATH, SEAN, US
[72] EARNSHAW, ANDREW MARK, CA
[72] FONG, MO-HAN, CA
[72] HEO, YOUN HYOUNG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2011-11-22
[86] 2010-05-21 (PCT/US2010/035845)
[87] (WO2010/135698)
[30] US (61/180,652) 2009-05-22
[30] US (61/303,920) 2010-02-12
[30] US (61/320,211) 2010-04-01

[11] **2,763,077**
[13] C
[51] **Int.Cl. C08F 10/02 (2006.01) C08J 5/18 (2006.01) C08L 23/04 (2006.01)**
[25] EN
[54] **NOVEL LDPE ENABLING HIGH OUTPUT AND GOOD OPTICS WHEN BLENDED WITH OTHER POLYMERS**
[54] **NOUVEL LDPE PERMETTANT UN RENDEMENT ELEVE ET DE BONNES PROPRIETES OPTIQUES QUAND IL EST MELANGE A D'AUTRES POLYMERES**
[72] KARJALA, TERESA P., US
[72] SAVARGAONKAR, NILESH R., US
[72] ORTEGA, JOSE, US
[72] COBLER, BRAD A., US
[72] KARDOS, LORI L., US
[72] YAU, WALLACE W., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2011-11-22
[86] 2010-06-11 (PCT/US2010/038285)
[87] (WO2010/144784)
[30] US (12/482,517) 2009-06-11

[11] **2,763,204**
[13] C
[51] **Int.Cl. G01H 1/00 (2006.01) G01P 15/02 (2013.01) G01V 1/18 (2006.01)**
[25] EN
[54] **LOW FREQUENCY FOLDED PENDULUM WITH HIGH MECHANICAL QUALITY FACTOR, AND SEISMIC SENSOR UTILIZING SUCH A FOLDED PENDULUM**
[54] **PENDULE REPLIE BASSE FREQUENCE POURVU D'UN FACTEUR DE HAUTE QUALITE MECANIQUE ET CAPTEUR SISMIQUE UTILISANT CE PENDULE REPLIE**
[72] GIORDANO, GERARDO, IT
[72] BARONE, FABRIZIO, IT
[73] UNIVERSITA DEGLI STUDI DI SALERNO, IT
[85] 2011-11-23
[86] 2010-07-01 (PCT/IT2010/000293)
[87] (WO2011/004413)
[30] IT (RM2009A000348) 2009-07-07

[11] **2,763,352**
[13] C
[51] **Int.Cl. G01M 99/00 (2011.01) F22B 37/00 (2006.01) G01N 21/88 (2006.01)**
[25] EN
[54] **STEAM GENERATOR UPPER BUNDLE INSPECTION TOOLS**
[54] **OUTILS D'INSPECTION DE FAISCEAU SUPERIEUR DE GENERATEUR DE VAPEUR**
[72] DEAN, URIAH C., US
[72] JEWETT, MATTHEW R., US
[72] MOSHANO, STEVE, US
[72] DELACROIX, BRADLEY, US
[73] ROLLS-ROYCE NUCLEAR FIELD SERVICES INC., US
[85] 2011-11-23
[86] 2010-05-27 (PCT/US2010/036489)
[87] (WO2010/138774)
[30] US (61/181,560) 2009-05-27

[11] **2,763,364**
[13] C
[51] **Int.Cl. H04L 12/70 (2013.01) H04L 12/951 (2013.01) H04L 9/06 (2006.01)**
[25] EN
[54] **SECURE STORAGE AND ACCELERATED TRANSMISSION OF INFORMATION OVER COMMUNICATION NETWORKS**
[54] **STOCKAGE SECURISE ET TRANSMISSION ACCELEREE D'INFORMATIONS SUR DES RESEAUX DE COMMUNICATION**
[72] RUNKIS, WALTER H., US
[72] MARTIN, DONALD E., US
[72] WATKINS, CHRISTOPHER D., US
[73] BITSPRAY CORPORATION, US
[85] 2011-11-23
[86] 2010-05-28 (PCT/US2010/036703)
[87] (WO2010/138898)
[30] US (61/213,336) 2009-05-29

[11] **2,763,426**
[13] C
[51] **Int.Cl. G01B 11/24 (2006.01) A61B 5/00 (2006.01) G02B 21/00 (2006.01)**
[25] EN
[54] **METHOD AS WELL AS MEASURING SYSTEM FOR THREE-DIMENSIONAL MEASURING OF AN OBJECT**
[54] **PROCEDE ET DISPOSITIF DE MESURE TRIDIMENSIONNELLE D'UN OBJET**
[72] STOCK, KARL, DE
[72] ZINT, MICHAEL, DE
[72] GRASER, RAINER, DE
[72] HIBST, RAIMUND, DE
[73] DEGUDENT GMBH, DE
[85] 2011-11-24
[86] 2010-05-17 (PCT/EP2010/056755)
[87] (WO2010/130843)
[30] DE (10 2009 025 815.9) 2009-05-15

[11] **2,763,612**
[13] C
[51] **Int.Cl. C01D 3/26 (2006.01) C07C 51/367 (2006.01) C07C 51/487 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING MESO-TARTARIC ACID**
[54] **PROCEDE POUR LA PREPARATION D'UNE COMPOSITION COMPORTANT DE L'ACIDE MESO-TARTRIQUE**
[72] BAKKENES, HENDRIKUS WILHELMUS, NL
[72] BERGEVOET, ROBERTO ALOYSIUS GERARDUS MARIA, NL
[72] MEIJER, JOHANNES ALBERTUS MARIA, NL
[72] STEENSMA, MARIA, NL
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2011-11-25
[86] 2010-05-27 (PCT/EP2010/057287)
[87] (WO2010/139588)
[30] EP (09161723.3) 2009-06-02
[30] US (61/183,269) 2009-06-02

[11] **2,763,702**
[13] C
[51] **Int.Cl. B01J 8/00 (2006.01) B01J 33/00 (2006.01)**
[25] EN
[54] **SHAPED CATALYST UNITS**
[54] **UNITES DE CATALYSEUR MISES EN FORME**
[72] MCKENNA, MARK, GB
[72] ANTONINI, ALEJANDRO MARTIN, GB
[73] JOHNSON MATTHEY PLC, GB
[85] 2011-11-28
[86] 2010-05-25 (PCT/GB2010/050855)
[87] (WO2010/149987)
[30] GB (0910648.5) 2009-06-22

[11] **2,763,714**
[13] C
[51] **Int.Cl. F25J 3/00 (2006.01) C10L 3/10 (2006.01) C10L 3/12 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **HYDROCARBON GAS PROCESSING**
[54] **TRAITEMENT D'HYDROCARBURE GAZEUX**
[72] JOHNKE, ANDREW F., US
[72] LEWIS, W. LARRY, US
[72] WILKINSON, JOHN D., US
[72] LYNCH, JOE T., US
[72] HUDSON, HANK M., US
[72] CUELLAR, KYLE T., US
[73] ORTLOFF ENGINEERS, LTD., US
[73] S.M.E. PRODUCTS LP, US
[85] 2011-11-28
[86] 2010-05-03 (PCT/US2010/033374)
[87] (WO2010/144186)
[30] US (61/186,361) 2009-06-11
[30] US (12/689,616) 2010-01-19
[30] US (12/717,394) 2010-03-04
[30] US (12/750,862) 2010-03-31

[11] **2,763,908**
[13] C
[51] **Int.Cl. H02K 33/16 (2006.01) A61M 35/00 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **MOTOR FOR A PERSONAL SKIN CARE APPLIANCE**
[54] **MOTEUR POUR APPAREIL PERSONNEL POUR SOINS DE LA PEAU**
[72] PILCHER, KENNETH A., US
[72] REISHUS, RICHARD A., US
[72] AKRIDGE, ROBERT E., US
[73] L'OREAL, FR
[85] 2011-11-29
[86] 2010-05-24 (PCT/US2010/035987)
[87] (WO2010/138464)
[30] US (12/475,364) 2009-05-29

[11] **2,764,127**
[13] C
[51] **Int.Cl. G01F 15/00 (2006.01) G01F 15/075 (2006.01) G01F 15/14 (2006.01)**
[25] EN
[54] **FLOWMETER STRUCTURE FOR A BEVERAGE MACHINE**
[54] **STRUCTURE DE DEBITMETRE POUR DISTRIBUTEUR DE BOISSON**
[72] ETTER, STEFAN, CH
[72] ZIEGLER, MARTIN, CH
[73] NESTEC S.A., CH
[85] 2011-11-30
[86] 2010-06-21 (PCT/EP2010/058691)
[87] (WO2010/149602)
[30] EP (09163815.5) 2009-06-25

[11] **2,764,240**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **VIRTUAL ROOM-BASED LIGHT FIXTURE AND DEVICE CONTROL**
[54] **LUMINAIRE POUR PIECE VIRTUELLE ET DISPOSITIF DE COMMANDE ASSOCIE**
[72] MADONNA, ROBERT P., US
[72] CIPOLLO, NICHOLAS J., US
[73] SAVANT SYSTEMS LLC, US
[85] 2011-12-01
[86] 2010-06-02 (PCT/US2010/001600)
[87] (WO2010/141076)
[30] US (61/183,825) 2009-06-03

[11] **2,764,263**
[13] C
[51] **Int.Cl. A61B 8/08 (2006.01) G01N 29/04 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING HEART CONTRACTILITY**
[54] **PROCEDE ET APPAREIL DE MESURE DE LA CONTRACTILITE DU C□UR**
[72] PERNOT, MATHIEU, FR
[72] TANTER, MICKAEL, FR
[72] COUADE, MATHIEU, FR
[72] FINK, MATHIAS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[73] SUPER SONIC IMAGINE, FR
[85] 2011-12-01
[86] 2010-05-05 (PCT/EP2010/056128)
[87] (WO2010/139519)
[30] US (12/478,514) 2009-06-04

[11] **2,764,399**
[13] C
[51] **Int.Cl. B60K 1/04 (2006.01) B60K 17/346 (2006.01) B60K 17/356 (2006.01) B60L 11/00 (2006.01)**
[25] EN
[54] **ELECTRIC VEHICLE**
[54] **VEHICULE ELECTRIQUE**
[72] STENBERG, KURT E., US
[72] NOTARO, JOEL M., US
[72] LEONARD, JOSH J., US
[72] CRAIN, STEPHEN G., US
[72] SABOURIN, DENNIS P., US
[72] OLSEN, RUSS G., US
[72] MAKI, RICHARD R., US
[72] MALONE, AMBER PATRICIA, US
[72] GILLINGHAM, BRIAN R., US
[72] JOHNSTUN, JEREMIAH TRAVIS, US
[73] POLARIS INDUSTRIES INC., US
[85] 2011-12-02
[86] 2010-06-15 (PCT/US2010/038711)
[87] (WO2010/148016)
[30] US (12/484,921) 2009-06-15
[30] US (61/187,147) 2009-06-15

[11] **2,764,671**
[13] C
[51] **Int.Cl. G09B 9/02 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **MOTION AND VIBRATION CUING SYSTEM**
[54] **SYSTEME D'INDICATION DE MOUVEMENTS ET DE VIBRATIONS**
[72] GARVIS, ANDREW W., ZZ
[72] WILHELM, DENNIS P., ZZ
[72] JOHNSON, RICHARD E., ZZ
[72] LANSRUD, STEVEN G., ZZ
[73] INDUSTRIAL SMOKE & MIRRORS, INC., US
[86] (2764671)
[87] (2764671)
[22] 2012-01-17
[30] US (13/116,046) 2011-05-26

[11] **2,765,042**
[13] C
[51] **Int.Cl. F25B 41/06 (2006.01) F25B 6/02 (2006.01) F25B 41/00 (2006.01) F25B 43/00 (2006.01)**
[25] EN
[54] **REFRIGERANT DISTRIBUTOR**
[54] **DISTRIBUTEUR DE FLUIDE FRIGORIGENE**
[72] NELSON, BRUCE I., US
[73] COLMAC COIL MANUFACTURING, INC., US
[86] (2765042)
[87] (2765042)
[22] 2012-01-17
[30] US (12/932,247) 2011-02-22

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[11] **2,765,131**
[13] C
[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/06 (2006.01)**
[25] EN
[54] **SYSTEM, CAPSULE AND METHOD FOR PREPARING A PREDETERMINED QUANTITY OF BEVERAGE**
[54] **SYSTEME, CAPSULE ET PROCEDE POUR PREPARER UNE QUANTITE PREDETERMINEE DE BOISSON**
[72] WONG, KON EUAN GERARD, AU
[72] BRANDT, GUIDO, AU
[72] KOELING, HENDRIK CORNELIS, NL
[72] KAMERBEEK, RALF, NL
[72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2011-12-09
[86] 2009-12-30 (PCT/NL2009/050815)
[87] (WO2010/137947)
[30] EP (09162982.4) 2009-06-17
[30] EP (09162934.5) 2009-06-17
[30] EP (09162998.0) 2009-06-17
[30] EP (09162995.6) 2009-06-17

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[11] **2,765,194**
[13] C
[51] **Int.Cl. G01R 31/08 (2006.01) G01R 27/26 (2006.01)**
[25] EN
[54] **ON-LINE TIME DOMAIN REFLECTOMETER SYSTEM**
[54] **SYSTEME DE REFLECTOMETRE CONNECTE A DOMAINE DE TEMPS (TDR)**
[72] HALL, NELSON, US
[72] STAGI, WILLIAM R., US
[73] UTILX CORPORATION, US
[85] 2011-12-12
[86] 2010-06-22 (PCT/US2010/039540)
[87] (WO2011/005541)
[30] US (61/219,289) 2009-06-22

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[11] **2,765,485**
[13] C
[51] **Int.Cl. G06F 7/00 (2006.01) G06F 21/56 (2013.01)**
[25] EN
[54] **FUZZY HASH ALGORITHM**
[54] **ALGORITHME DE HACHAGE FLOU**
[72] HOGLUND, MICHAEL GREGORY, US
[73] COUNTERTACK, INC., US
[85] 2011-12-14
[86] 2010-06-25 (PCT/US2010/001826)
[87] (WO2010/151332)
[30] US (12/459,203) 2009-06-26

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[11] **2,765,632**
[13] C
[51] **Int.Cl. C12Q 1/04 (2006.01)**
[25] EN
[54] **SMART PACKAGING FOR DETECTING MICROORGANISMS**
[54] **EMBALLAGE INTELLIGENT POUR LA DETECTION DE MICROORGANISMES**
[72] NERIN DE LA PUERTA, M. C. CRISTINA, ES
[72] GUTIERREZ BARTOLOME, LAURA, ES
[72] SANCHEZ JARABO, CRISTINA, ES
[73] UNIVERSIDAD DE ZARAGOZA, ES
[85] 2011-12-15
[86] 2010-04-21 (PCT/ES2010/000176)
[87] (WO2010/128178)
[30] ES (P200930141) 2009-05-07

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[11] **2,765,674**
[13] C
[51] **Int.Cl. F24H 9/20 (2006.01) H02J 3/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **WATER HEATER DEMAND SIDE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE CHAUFFE-EAU COTE DEMANDE**
[72] HARBIN, BENJAMIN F., III, US
[72] TOTH, ROBERT J., US
[72] O'NEIL, ADRIAN, US
[72] SANSOM, MICHAEL SCOTT, US
[72] BROWDER, R. MICHAEL, US
[72] MARIN, BROOK, US
[72] HOLLAND, CECIL RAY, JR., US
[73] CARINA TECHNOLOGY, INC., US
[85] 2011-12-15
[86] 2009-06-30 (PCT/US2009/049145)
[87] (WO2010/002825)
[30] US (61/077,235) 2008-07-01
[30] US (12/493,086) 2009-06-26

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[11] **2,765,783**
[13] C
[51] **Int.Cl. E05B 73/00 (2006.01) E05B 39/00 (2006.01) G08B 13/24 (2006.01) G09F 3/12 (2006.01) G09F 3/20 (2006.01)**
[25] FR
[54] **THEFT PROTECTION DEVICE FOR AN ITEM**
[54] **ENSEMBLE DE PROTECTION D'UN ARTICLE CONTRE LE VOL**
[72] LODI, TAMAS, HU
[72] FAVIER, ALAIN, FR
[73] EXAQTWORLD, FR
[85] 2011-12-14
[86] 2010-06-18 (PCT/FR2010/051227)
[87] (WO2010/146319)
[30] FR (0954129) 2009-06-18
[30] FR (0955851) 2009-08-27

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[11] **2,765,910**
[13] C
[51] **Int.Cl. F16K 11/10 (2006.01) B67D 7/54 (2010.01) A61M 16/18 (2006.01) B65B 3/06 (2006.01) B67C 9/00 (2006.01)**
[25] EN
[54] **RECEIVER WITH VALVES**
[54] **RECEPTACLE AVEC SOUPAPES**
[72] CUZYDLO, MICHAEL, US
[73] PIRAMAL CRITICAL CARE, INC., US
[85] 2011-12-16
[86] 2010-06-10 (PCT/US2010/038179)
[87] (WO2010/147843)
[30] US (61/218,696) 2009-06-19

[11] **2,765,915**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **SPHINGOSINE-CONJUGATED OLIGONUCLEOTIDES**
[54] **OLIGONUCLEOTIDES CONJUGUES A LA SPHINGOSINE**
[72] JIMENEZ, ANA ISABEL, ES
[72] GRIJALVO, SANTIAGO, ES
[72] MARTINEZ, TAMARA, ES
[72] AVINO, ANNA, ES
[72] CAMINAL, CLARA, ES
[72] ERITJA, RAMON, ES
[72] PANIZO, GEMA, ES
[73] SYLENTIS S.A.U., ES
[85] 2011-12-19
[86] 2010-06-22 (PCT/GB2010/051025)
[87] (WO2010/150004)
[30] GB (0910723.6) 2009-06-22

[11] **2,765,971**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/137 (2006.01)**
[25] EN
[54] **HOT-MELT EXTRUDED CONTROLLED RELEASE DOSAGE FORM**
[54] **FORME GALENIQUE EXTRUDEE A CHAUD A LIBERATION CONTROLEE**
[72] BARNSCHEID, LUTZ, DE
[72] GALIA, ERIC, DE
[73] GRUENENTHAL GMBH, DE
[85] 2011-12-19
[86] 2010-07-21 (PCT/EP2010/004459)
[87] (WO2011/009602)
[30] EP (09009499.6) 2009-07-22

[11] **2,766,239**
[13] C
[51] **Int.Cl. A61K 31/7012 (2006.01) A61K 31/7008 (2006.01) A61P 11/00 (2006.01) C12Q 1/02 (2006.01) C12Q 1/34 (2006.01)**
[25] EN
[54] **MEDICINAL CARBOHYDRATES FOR TREATMENT OF RESPIRATORY CONDITIONS**
[54] **GLUCIDES MEDICAUX POUR TRAITEMENT D'ETATS RESPIRATOIRES**
[72] JIN, BETTY, AU
[72] JONES, PAUL ARTHUR, AU
[72] SEAH, EE LING, AU
[72] WU, WEN YANG, AU
[72] JENKINS, PETER JAMES, AU
[73] AUSTRALIAN BIOMEDICAL COMPANY PTY LTD, AU
[85] 2011-12-21
[86] 2010-07-02 (PCT/AU2010/000846)
[87] (WO2011/000053)
[30] AU (2009903123) 2009-07-03

[11] **2,766,498**
[13] C
[51] **Int.Cl. C07C 31/12 (2006.01) C07C 29/80 (2006.01) C07C 29/86 (2006.01) C07C 29/94 (2006.01)**
[25] EN
[54] **RECOVERY OF BUTANOL FROM A MIXTURE OF BUTANOL, WATER, AND AN ORGANIC EXTRACTANT**
[54] **RECUPERATION DU BUTANOL D'UN MELANGE DE BUTANOL, D'EAU ET D'UN EXTRACTANT ORGANIQUE**
[72] XU, YIHUI TOM, US
[72] PARTEN, WILLIAM D., US
[73] BUTAMAX(TM) ADVANCED BIOFUELS LLC, US
[85] 2011-12-22
[86] 2010-07-15 (PCT/US2010/042092)
[87] (WO2011/008924)
[30] US (61/225,659) 2009-07-15

[11] **2,767,051**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01)**
[25] FR
[54] **NOVEL 2,3-DIHYDRO-1H-IMIDAZO(1,2-A)PYRIMIDIN-5-ONE DERIVATIVES, PREPARATION THEREOF, AND PHARMACEUTICAL USE THEREOF**
[54] **NOUVEAUX DERIVES DE 2,3-DIHYDRO-1H-IMIDAZO{1,2-A}PYRIMIDIN-5-ONE, LEUR PREPARATION ET LEUR UTILISATION PHARMACEUTIQUE**
[72] BROLLO, MAURICE, FR
[72] CLAUSS, ANNIE, FR
[72] EL AHMAD, YOUSSEF, FR
[72] FILOCHE-ROMME, BRUNO, FR
[72] HALLEY, FRANK, FR
[72] KARLSSON, KARL ANDREAS, FR
[72] MARCINIAK, GILBERT, FR
[72] RONAN, BAPTISTE, FR
[72] SCHIO, LAURENT, FR
[72] VIVET, BERTRAND, FR
[72] VIVIANI, FABRICE, FR
[72] ZIMMERMANN, ANDRE, FR
[73] SANOFI, FR
[85] 2011-12-29
[86] 2010-07-01 (PCT/FR2010/051373)
[87] (WO2011/001112)
[30] FR (0903236) 2009-07-02
[30] US (61/241,097) 2009-09-10
[30] FR (0957067) 2009-10-09

[11] **2,767,130**
[13] C
[51] **Int.Cl. C07D 213/69 (2006.01) A61K 31/4422 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FLUORINATED DERIVATIVES OF 3-HYDROXYPYRIDIN-4-ONES**
[54] **DERIVES FLUORES DE 3-HYDROXYPYRIDIN-4-ONES**
[72] LEUNG-TOUNG, REGIS, CA
[72] N'ZEMBA, BLAISE, CA
[72] PREMYSLOVA, MARINA, CA
[72] SHAH, BIRENKUMAR, CA
[72] TAM, TIM FAT, CA
[72] WANG, YINGSHENG, CA
[72] WODZINSKA, JOLANTA MARIA, CA
[72] XIN, TAO, CA
[72] ZHAO, YANQING, CA
[73] APOTEX TECHNOLOGIES INC., CA
[85] 2012-01-03
[86] 2010-07-05 (PCT/CA2010/001027)
[87] (WO2011/000104)
[30] US (61/222,979) 2009-07-03

---

[11] **2,767,605**
[13] C
[51] **Int.Cl. G02B 21/36 (2006.01) C12M 1/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **SAMPLE IMAGING SYSTEM AND METHOD FOR TRANSMITTING AN IMAGE OF CELLS OR TISSUES LOCATED IN A CULTURING SPACE TO DATA PROCESSING MEANS**
[54] **SYSTEME D'IMAGERIE D'ECHANTILLONS ET PROCEDE DE TRANSMISSION A UN MOYEN INFORMATIQUE D'UNE IMAGE DE CELLULES OU DE TISSUS SITUES DANS UN ESPACE DE CULTURE**
[72] PRIBENSZKY, CSABA, HU
[72] MOLNAR, MIKLOS, HU
[73] VITROLIFE A/S, DK
[85] 2012-01-09
[86] 2010-07-09 (PCT/HU2010/000081)
[87] (WO2011/004208)
[30] HU (P0900431) 2009-07-10

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[11] **2,767,874**
[13] C
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **PROCESS**
[54] **PROCEDE**
[72] MEYER, TRYGVE, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2012-01-11
[86] 2010-07-14 (PCT/GB2010/051153)
[87] (WO2011/007172)
[30] GB (0912255.7) 2009-07-14

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[11] **2,767,907**
[13] C
[51] **Int.Cl. A23J 3/14 (2006.01) A23J 3/04 (2006.01)**
[25] EN
[54] **AMORPHOUS PROTEIN EXTRUDATES**
[54] **EXTRUDATS PROTEIQUES AMORPHES**
[72] SOLORIO, SANTIAGO, US
[73] SOLAE, LLC, US
[85] 2012-01-11
[86] 2010-07-20 (PCT/US2010/042658)
[87] (WO2011/011456)
[30] US (61/226,911) 2009-07-20
[30] US (61/265,118) 2009-11-30

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[11] **2,768,001**
[13] C
[51] **Int.Cl. C02F 1/28 (2006.01) C02F 9/00 (2006.01)**
[25] FR
[54] **PRODUCT FOR REMOVING POLLUTANTS FROM A FLUID, AND METHOD FOR PRODUCING SAME**
[54] **PRODUIT DE DEPOLLUTION D'UN FLUIDE ET PROCEDE D'OBTENTION**
[72] DIOUM, SERIGNE, FR
[73] DIOUM, SERIGNE, FR
[85] 2012-01-12
[86] 2010-07-13 (PCT/FR2010/051478)
[87] (WO2011/007097)
[30] FR (0954861) 2009-07-13

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[11] **2,768,240**
[13] C
[51] **Int.Cl. C10G 1/10 (2006.01) C10B 1/02 (2006.01) C10B 57/14 (2006.01) F23G 7/12 (2006.01)**
[25] EN
[54] **A PYROLYSIS PROCESS FOR DECOMPOSING RUBBER PRODUCTS**
[54] **PROCEDE DE PYROLYSE POUR DECOMPOSER DES PRODUITS EN CAOUTCHOUC**
[72] ALI, MAZLAN, MY
[72] MOHD SHARIFF, SITI FATIMAH, MY
[72] WEBB, CHRISTOPHER JOHN, GB
[73] 2198725 ONTARIO INC., CA
[85] 2012-01-13
[86] 2010-07-15 (PCT/MY2010/000123)
[87] (WO2011/008075)
[30] MY (PI20093010) 2009-07-17

---

[11] **2,768,482**
[13] C
[51] **Int.Cl. F16D 65/56 (2006.01) F16D 65/14 (2006.01)**
[25] EN
[54] **PNEUMATICALLY OR ELECTROMECHANICALLY ACTUATABLE DISK BRAKE**
[54] **FREIN A DISQUE A COMMANDE PNEUMATIQUE OU ELECTROMECANIQUE**
[72] CAMILO-MARTINEZ, JOSE, DE
[72] KLINGNER, MATTHIAS, DE
[72] TRIMPE, ROBERT, DE
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
[85] 2012-01-13
[86] 2010-07-14 (PCT/EP2010/060140)
[87] (WO2011/006928)
[30] DE (102009033394.0) 2009-07-16

[11] **2,768,699**
[13] C
[51] **Int.Cl. C12N 15/00 (2006.01) C12N 15/09 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD AND KIT FOR DETECTION OF LIVE MICROORGANISMS**
[54] **PROCEDE ET NECESSAIRE POUR LA DETECTION DE MICROORGANISMES VIVANTS**
[72] SOEJIMA, TAKASHI, JP
[72] SCHLITT-DITTRICH, FRANK, JP
[73] MORINAGA MILK INDUSTRY CO., LTD., JP
[85] 2012-01-19
[86] 2010-07-23 (PCT/JP2010/062474)
[87] (WO2011/010740)
[30] JP (2009-173566) 2009-07-24

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[11] **2,768,759**
[13] C
[51] **Int.Cl. C11D 1/12 (2006.01) A61K 8/46 (2006.01) A61K 8/85 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING SULFONATED ESTOLIDES AND ALKYL ESTER SULFONATES, METHODS OF MAKING THEM, AND COMPOSITIONS AND PROCESSES EMPLOYING THEM**
[54] **COMPOSITIONS COMPRENANT DES ESTOLIDES SULFONES ET DES SULFONATES D?ESTER D?ALKYLE, PROCEDES DE PREPARATION DE CELLES-CI, ET COMPOSITIONS ET PROCEDES UTILISANT CELLES-CI**
[72] BERNHARDT, RANDAL J., US
[72] ALONSO, LOURDES R., US
[72] DADO, GREGORY P., US
[72] FILIPOVIC, EDDIE I., US
[72] GARIEPY, CHRISTOPHER A., US
[72] MASTERS, RONALD A., US
[72] MURPHY, DENNIS S., US
[72] PYTEL, JACQUELINE MAAS, US
[72] SAJIC, BRANKO, US
[72] WEITGENANT, JEREMY AARON, US
[72] SHAPIRO, IRENE, US
[73] STEPAN COMPANY, US
[85] 2012-01-20
[86] 2010-04-01 (PCT/US2010/029654)
[87] (WO2011/011098)
[30] EP (09009490.5) 2009-07-22

---

[11] **2,768,853**
[13] C
[51] **Int.Cl. E06B 3/673 (2006.01) E06B 3/663 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN INSULATING GLASS PANE**
[54] **PROCEDE DE FABRICATION DE VITRAGE ISOLANT**
[72] SCHULER, PETER, DE
[73] BYSTRONIC LENHARDT GMBH, DE
[85] 2012-01-23
[86] 2010-07-15 (PCT/EP2010/004302)
[87] (WO2011/009554)
[30] DE (10 2009 035 002.0) 2009-07-24

---

[11] **2,769,243**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **USE OF MIMECAN IN THE ASSESSMENT OF HEART FAILURE**
[54] **UTILISATION D'UNE PROTEINE MIMECAN POUR EVALUER UNE INSUFFISANCE CARDIAQUE**
[72] BLOCK, DIRK, DE
[72] HESS, GEORG, DE
[72] HUEDIG, HENDRIK, DE
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] ARAB, SARA, CA
[72] LIU, PETER, CA
[73] F. HOFFMANN-LA ROCHE AG, CH
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2012-01-26
[86] 2010-07-23 (PCT/EP2010/004521)
[87] (WO2011/012268)
[30] EP (09009666.0) 2009-07-27

---

[11] **2,769,254**
[13] C
[51] **Int.Cl. A61F 2/08 (2006.01)**
[25] FR
[54] **PROSTHETIC LIGAMENT FOR TRANSVERSE FIXATION, AND PRODUCTION METHOD**
[54] **LIGAMENT PROTHETIQUE POUR FIXATION TRANSVERSALE ET PROCEDE DE CONFECTION**
[72] BRULEZ, BERNARD, FR
[72] LABOUREAU, JACQUES-PHILIPPE, FR
[73] LABORATOIRE D'APPLICATION ET DE RECHERCHE SCIENTIFIQUE - LARS, FR
[85] 2012-01-26
[86] 2010-07-30 (PCT/FR2010/000557)
[87] (WO2011/012783)
[30] FR (09/03790) 2009-07-31

---

[11] **2,770,171**
[13] C
[51] **Int.Cl. E01B 9/68 (2006.01)**
[25] EN
[54] **RAILWAY RAIL PAD**
[54] **SEMELLE DE RAIL DE CHEMIN DE FER**
[72] COX, STEPHEN JOHN, GB
[72] HAMILTON, ROBERT JOHN, GB
[72] GARDNER, CHRISTOPHER, GB
[73] PANDROL LIMITED, GB
[85] 2012-02-03
[86] 2010-08-13 (PCT/EP2010/061843)
[87] (WO2011/020794)
[30] GB (0914633.3) 2009-08-21

[11] **2,770,619**
[13] C
[51] **Int.Cl. A21D 2/02 (2006.01) A21D 10/00 (2006.01) C01B 25/34 (2006.01)**
[25] EN
[54] **PRODUCT COMPRISING MAGNESIUM PYROPHOSPHATE AND THE USE THEREOF AS A LEAVENING ACID FOR PRODUCING BAKED GOODS**
[54] **PRODUIT CONTENANT DU PHOSPHATE DE MAGNESIUM ET SON UTILISATION COMME ACIDE DE LEVAIN POUR LA PREPARATION DE PRODUITS DE BOULANGERIE**
[72] BOUCHAIN, WOLFGANG, DE
[72] MARKMANN, JOACHIM, DE
[72] SCHNEE, RAINER, DE
[72] WISSEMBORSKI, RUEDIGER, DE
[73] CHEMISCHE FABRIK BUDENHEIM KG, DE
[85] 2012-02-09
[86] 2010-11-08 (PCT/EP2010/067013)
[87] (WO2011/057987)
[30] EP (09175720.3) 2009-11-11

[11] **2,770,768**
[13] C
[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/24 (2006.01)**
[25] EN
[54] **METHOD FOR SEISMIC SURVEYING USING WIDER LATERAL SPACING BETWEEN SOURCES TO IMPROVE EFFICIENCY**
[54] **METHODE D'EXPLORATION SISMIQUE UTILISANT UN ESPACEMENT LATERAL ACCRU ENTRE LES EMETTEURS POUR AMELIORER L'EFFICIENCE DU PROCEDE**
[72] CAMBOIS, GUILLAUME, NO
[72] MYRVOLD, ORJAN, SG
[73] PGS GEOPHYSICAL AS, NO
[86] (2770768)
[87] (2770768)
[22] 2012-03-06
[30] US (13/066,035) 2011-04-05

[11] **2,772,411**
[13] C
[51] **Int.Cl. A61K 31/285 (2006.01) A61K 33/36 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CANCER STEM CELL-TARGETED AND DRUG RESISTANT CANCER THERAPY**
[54] **THERAPIE CIBLEE SUR DES CELLULES SOUCHES CANCEREUSES ET CONTRE UN CANCER PHARMACORESISTANT**
[72] BURGER, ANGELIKA, US
[73] KOMINOX, INC., KY
[85] 2012-02-27
[86] 2010-09-09 (PCT/US2010/048308)
[87] (WO2011/031890)
[30] US (61/241,180) 2009-09-10

[11] **2,773,208**
[13] C
[51] **Int.Cl. H04W 4/02 (2009.01) H04N 21/2668 (2011.01)**
[25] EN
[54] **PRESENTING INFORMATION AT ONE OR MORE MOBILE COMMUNICATION DEVICES IN A TRANSPORTATION NETWORK**
[54] **PRESENTATION DE L'INFORMATION A UN DISPOSITIF DE COMMUNICATION MOBILE OU PLUS DANS UN RESEAU DE TRANSPORT**
[72] FROEBERG, PETER LEROY, US
[72] SMARTT, BRIAN ERIC, US
[73] BLACKBERRY LIMITED, CA
[86] (2773208)
[87] (2773208)
[22] 2012-04-02
[30] EP (11161071.3) 2011-04-04

[11] **2,773,336**
[13] C
[51] **Int.Cl. E21B 10/54 (2006.01) E21B 10/18 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **DRILL BIT FOR EARTH BORING**
[54] **FORET POUR FOREUSE**
[72] JONES, MARK L., US
[72] CURRY, KENNETH M., US
[73] ATLAS COPCO SECOROC LLC, US
[85] 2012-03-06
[86] 2010-04-02 (PCT/US2010/029840)
[87] (WO2010/115146)
[30] US (61/166,183) 2009-04-02

[11] **2,773,532**
[13] C
[51] **Int.Cl. B64C 1/36 (2006.01) H01Q 1/42 (2006.01)**
[25] FR
[54] **RADOME AND DEVICE FOR ATTACHING SAID RADOME TO AN AIRCRAFT**
[54] **RADOME ET DISPOSITIF DE FIXATION DE CE RADOME A UN AERONEF**
[72] DAZET, FRANCIS, FR
[73] AIRBUS OPERATIONS (S.A.S.), FR
[85] 2012-03-07
[86] 2010-09-10 (PCT/FR2010/051896)
[87] (WO2011/030078)
[30] FR (0956267) 2009-09-11

[11] **2,773,993**
[13] C
[51] **Int.Cl. E05B 17/10 (2006.01) E05C 19/16 (2006.01)**
[25] FR
[54] **ELECTROMAGNETIC GRIPPER COMPRISING A LIGHT SOURCE**
[54] **VENTOUSE ELECTROMAGNETIQUE COMPORTANT UNE SOURCE LUMINEUSE**
[72] LEVY, FRANCOIS, FR
[73] CDVI GROUP, FR
[85] 2012-03-09
[86] 2011-03-31 (PCT/FR2011/000192)
[87] (WO2011/135196)
[30] FR (10 01786) 2010-04-27

[11] **2,774,037**
[13] C
[51] **Int.Cl. C08J 11/00 (2006.01) A61L 2/18 (2006.01) A61L 11/00 (2006.01) B03B 9/06 (2006.01) B29B 17/00 (2006.01) B29B 17/02 (2006.01) C08J 11/04 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **PLASTIC RECLAIMED FROM INFECTIOUS MEDICAL WASTE AND MEDICAL DEVICES MANUFACTURED THEREFROM**
[54] **MATIERE PLASTIQUE RECUPEREE A PARTIR DE DECHETS MEDICAUX INFECTIEUX ET DISPOSITIFS MEDICAUX FABRIQUES A PARTIR DE CELLE-CI**
[72] JI, RICHARD, US
[72] MCCORD, KEN, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2012-03-12
[86] 2010-09-17 (PCT/US2010/049275)
[87] (WO2011/035119)
[30] US (12/562,355) 2009-09-18
[30] US (12/883,840) 2010-09-16

[11] **2,774,238**
[13] C
[51] **Int.Cl. H05K 7/20 (2006.01) G06F 1/20 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR DATA CENTER**
[54] **SYSTEME MODULAIRE POUR CENTRE DE TRAITEMENT DE L'INFORMATION**
[72] CZAMARA, MICHAEL P., US
[72] MORALES, OSVALDO P., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2012-03-14
[86] 2010-09-27 (PCT/US2010/050408)
[87] (WO2011/038348)
[30] US (12/568,323) 2009-09-28

[11] **2,774,287**
[13] C
[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/46 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **MILD, FOAMING LIQUID CLEANSERS COMPRISING LOW LEVELS OF FATTY ISETHIONATE PRODUCT AND LOW TOTAL FATTY ACID AND/OR FATTY ACID SOAP CONTENT**
[54] **AGENTS NETTOYANTS LIQUIDES MOUSSANTS DOUX COMPRENANT DE FAIBLES TAUX DE PRODUITS A BASE D'ISETHIONATE D'ACIDE GRAS ET UNE FAIBLE TENEUR EN ACIDE GRAS TOTAL ET/OU SAVON A BASE D'ACIDE GRAS**
[72] TSAUR, LIANG SHENG, US
[72] VILLA, VIRGILIO BARBA, US
[73] UNILEVER PLC, GB
[85] 2012-03-15
[86] 2010-10-01 (PCT/EP2010/064629)
[87] (WO2011/045191)
[30] US (12/577,425) 2009-10-12

[11] **2,774,440**
[13] C
[51] **Int.Cl. F23R 3/06 (2006.01) F23R 3/04 (2006.01) F23R 3/10 (2006.01) F23R 3/26 (2006.01) F23R 3/50 (2006.01)**
[25] FR
[54] **COMBUSTION CHAMBER OF AN AERONAUTICAL TURBINE ENGINE WITH COMBUSTION HOLES HAVING DIFFERENT CONFIGURATIONS.**
[54] **CHAMBRE DE COMBUSTION DE TURBOMACHINE AERONAUTIQUE AVEC TROUS DE COMBUSTION DE CONFIGURATIONS DIFFERENTES**
[72] COMMARET, PATRICE, FR
[72] NOEL, THOMAS, FR
[73] SNECMA, FR
[85] 2012-03-15
[86] 2010-09-21 (PCT/FR2010/051970)
[87] (WO2011/033242)
[30] FR (0956467) 2009-09-21

[11] **2,774,449**
[13] C
[51] **Int.Cl. G01R 29/08 (2006.01) H04W 24/00 (2009.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF ONLINE RADIATION MANAGEMENT AND CONTROL OF NON-IONIZING RADIATION SOURCES**
[54] **SYSTEME ET PROCEDE DE GESTION DE RADIATIONS EN LIGNE ET COMMANDE DE SOURCES DE RADIATIONS NON IONISANTES**
[72] SHAUL, DAVID, IL
[73] WAVE GUARD TECHNOLOGIES LTD., IL
[85] 2012-03-16
[86] 2010-09-21 (PCT/IL2010/000789)
[87] (WO2011/036664)
[30] US (61/245,357) 2009-09-24

[11] **2,775,329**
[13] C
[51] **Int.Cl. B29C 70/30 (2006.01) B29C 63/00 (2006.01) B29C 70/06 (2006.01) B29C 70/34 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **AUTOMATED RESIN AND FIBER DEPOSITION FOR RESIN INFUSION**
[54] **DEPOT AUTOMATISE DE RESINE ET DE FIBRE POUR INFUSER LA RESINE**
[72] SILCOCK, MICHAEL D., AU
[72] HOWE, CHRISTOPHER A., AU
[72] JOHNSON, BRICE A., US
[73] THE BOEING COMPANY, US
[86] (2775329)
[87] (2775329)
[22] 2012-04-26
[30] US (13/168,990) 2011-06-26

[11] **2,775,378**
[13] C
[51] **Int.Cl. E04H 4/10 (2006.01) B29C 51/36 (2006.01)**
[25] EN
[54] **PLASTIC SHEETING AND A MOULD THEREFOR**
[54] **FILM EN MATIERE PLASTIQUE ET MOULE POUR CELUI-CI**
[72] ADLINGTON, ANTHONY PETER, GB
[73] PLASTIPACK LIMITED, GB
[85] 2012-03-26
[86] 2010-10-04 (PCT/GB2010/001851)
[87] (WO2011/039520)
[30] GB (0917308.9) 2009-10-02

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[11] **2,776,298**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **CARTRIDGE EXTRACTION DEVICE**
[54] **DISPOSITIF D'EXTRACTION DE CARTOUCHE**
[72] LARZUL, DAVID, FR
[72] BAUDET, PATRICK, FR
[72] JACCARD, ALAIN, CH
[72] RITHENER, BLAISE, CH
[73] NESTEC S.A., CH
[85] 2012-03-30
[86] 2010-10-05 (PCT/EP2010/064772)
[87] (WO2011/042400)
[30] EP (09172187.8) 2009-10-05

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[11] **2,776,676**
[13] C
[51] **Int.Cl. H02B 1/38 (2006.01) H01H 9/04 (2006.01) H01H 9/22 (2006.01)**
[25] EN
[54] **ARC PROOF DOOR ASSEMBLY**
[54] **BLOC PORTE A L'EPREUVE DES ARCS**
[72] GASPARETTO, MARIO, CA
[73] GASPARETTO, MARIO, CA
[86] (2776676)
[87] (2776676)
[22] 2012-05-10
[30] US (61/484,820) 2011-05-11

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[11] **2,777,006**
[13] C
[51] **Int.Cl. B60T 7/10 (2006.01) B62B 5/04 (2006.01) B62L 3/02 (2006.01)**
[25] EN
[54] **HANDLE BRAKE DEVICE**
[54] **DISPOSITIF DE FREIN AU GUIDON**
[72] FELDT, MATS, SE
[72] MARKEN, HENRIK, SE
[72] VAN HOUTEM, JOS, SE
[72] DAHLIN, EDWARD, SE
[73] INVACARE INTERNATIONAL SAERL, CH
[85] 2012-04-05
[86] 2010-10-01 (PCT/IB2010/054450)
[87] (WO2011/042849)
[30] EP (09172223.1) 2009-10-05

---

[11] **2,777,342**
[13] C
[51] **Int.Cl. A01K 23/00 (2006.01)**
[25] EN
[54] **REFUSE RETRIEVAL, STORAGE, AND DISPOSAL APPARATUS**
[54] **APPAREIL DE RAMASSAGE, DE STOCKAGE ET D'ELIMINATION DES DECHETS**
[72] BAARS, BRYAN, US
[73] BAARS, BRYAN, US
[85] 2012-04-11
[86] 2010-07-19 (PCT/US2010/042429)
[87] (WO2011/049653)
[30] US (12/604,726) 2009-10-23

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[11] **2,777,654**
[13] C
[51] **Int.Cl. F27D 3/00 (2006.01) C21B 13/00 (2006.01) C21B 13/14 (2006.01) C21C 5/56 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR CHARGING INTO A SMELTING UNIT**
[54] **PROCEDE ET DISPOSITIF POUR LE CHARGEMENT DANS UNE UNITE DE FUSION**
[72] EDER, THOMAS, AT
[72] MILLNER, ROBERT, AT
[72] PLAUL, JAN-FRIEDEMANN, AT
[72] REIN, NORBERT, AT
[72] SCHERNEY, ANDREAS, AT
[72] ZEHETBAUER, KARL, AT
[73] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
[85] 2012-04-13
[86] 2010-10-06 (PCT/EP2010/064867)
[87] (WO2011/045212)
[30] AT (A1636/2009) 2009-10-16

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[11] **2,778,342**
[13] C
[51] **Int.Cl. G10L 25/84 (2013.01)**
[25] EN
[54] **METHOD AND BACKGROUND ESTIMATOR FOR VOICE ACTIVITY DETECTION**
[54] **PROCEDE ET ESTIMATEUR DE FOND POUR DETECTION D'ACTIVITE VOCALE**
[72] SEHLSTEDT, MARTIN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2012-04-19
[86] 2010-10-18 (PCT/SE2010/051116)
[87] (WO2011/049514)
[30] US (61/252,858) 2009-10-19
[30] US (61/262,583) 2009-11-19
[30] US (61/376,752) 2010-08-25

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[11] **2,778,701**
[13] C
[51] **Int.Cl. A61F 9/008 (2006.01) A61F 9/01 (2006.01) A61N 5/067 (2006.01) G02F 1/29 (2006.01)**
[25] EN
[54] **VARIABLE STAGE OPTICAL SYSTEM FOR OPHTHALMIC SURGICAL LASER**
[54] **SYSTEME OPTIQUE A ETAGES VARIABLES POUR LASER DE CHIRURGIE OPHTALMIQUE**
[72] RAKSI, FERENC, US
[73] ALCON LENSX, INC., US
[85] 2012-04-23
[86] 2010-11-09 (PCT/US2010/055968)
[87] (WO2011/059958)
[30] US (12/619,612) 2009-11-16

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[11] **2,778,844**
[13] C
[51] **Int.Cl. A44B 18/00 (2006.01) A61F 13/62 (2006.01) B29C 65/02 (2006.01)**
[25] FR
[54] **FEMALE LOOP PORTION HAVING FILM AND FILAMENTS ANCHORED BY HEAT-SHRINKING**
[54] **PARTIE FEMELLE A BOUCLES A FILM ET FILAMENTS ANCRES PAR THERMORETRACTION**
[72] DUCAUCHUIS, JEAN-PIERRE, FR
[72] MAHE, ANTHONY, FR
[73] APLIX, FR
[85] 2012-04-23
[86] 2010-11-10 (PCT/FR2010/000750)
[87] (WO2011/061416)
[30] FR (0905588) 2009-11-20

[11] **2,778,915**
[13] C
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **SUNSCREEN COMPOSITION**
[54] **COMPOSITION D'ECRAN SOLAIRE**
[72] MISSO, LUIS ROBERTO, US
[72] POLONKA, JACK, US
[73] UNILEVER PLC, GB
[85] 2012-04-25
[86] 2010-09-23 (PCT/EP2010/064083)
[87] (WO2011/054600)
[30] US (12/611,941) 2009-11-04

[11] **2,778,930**
[13] C
[51] **Int.Cl. B29C 70/12 (2006.01) B29C 70/46 (2006.01) B29C 70/86 (2006.01)**
[25] EN
[54] **COMPRESSION MOLDING METHOD AND REINFORCED THERMOPLASTIC PARTS MOLDED THEREBY**
[54] **PROCEDE DE MOULAGE PAR COMPRESSION ET PIECES THERMOPLASTIQUES RENFORCEES AINSI MOULEES**
[72] GIDEON, DAVID E., US
[72] FISHER, JUNIOR EDWARD M., US
[73] THE BOEING COMPANY, US
[85] 2012-04-25
[86] 2010-09-07 (PCT/US2010/048017)
[87] (WO2011/056293)
[30] US (12/613,842) 2009-11-06

[11] **2,779,291**
[13] C
[51] **Int.Cl. H02K 1/14 (2006.01) H01F 3/02 (2006.01) H01F 3/14 (2006.01) H01F 27/245 (2006.01) H01F 41/02 (2006.01) H02K 7/09 (2006.01)**
[25] EN
[54] **LAMINATED CORE FOR A MAGNETIC BEARING AND METHOD FOR CONSTRUCTING SUCH A LAMINATED CORE**
[54] **NOYAU FEUILLETE POUR PALIER MAGNETIQUE ET PROCEDE DE FABRICATION D'UN TEL NOYAU**
[72] VANDE SANDE, HANS, BE
[72] PHILIPPI, CORNELIS THEODORUS, BE
[72] PAHNER, UWE, BE
[72] DEMEULENAERE, BRAM EUGENE G., BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2012-04-30
[86] 2010-11-02 (PCT/BE2010/000075)
[87] (WO2011/054065)
[30] US (61/272,821) 2009-11-06
[30] BE (2009/0817) 2009-12-23

[11] **2,779,894**
[13] C
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/00 (2009.01) H04W 12/06 (2009.01) H04W 36/32 (2009.01)**
[25] EN
[54] **SYSTEM PROVIDING RELEVANT SERVICES TO TRANSIENT DEVICES IN WIRELESS NETWORKS AND METHODS THEREOF**
[54] **SYSTEME FOURNISSANT DES SERVICES PERTINENTS AUX DISPOSITIFS TRANSITOIRES D'UN RESEAU SANS FIL ET METHODES CONNEXES**
[72] HILLIER, PETER MATTHEW, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2779894)
[87] (2779894)
[22] 2012-06-15
[30] US (13/134916) 2011-06-20

[11] **2,780,036**
[13] C
[51] **Int.Cl. C07D 209/86 (2006.01) C08F 2/50 (2006.01) G03F 7/031 (2006.01)**
[25] EN
[54] **PHOTOINITIATORS FOR UV-LED CURABLE COMPOSITIONS AND INKS**
[54] **PHOTOINITIATEURS POUR COMPOSITIONS DURCISSABLES PAR DEL UV ET ENCRES**
[72] LOCCUFIER, JOHAN, BE
[73] AGFA GRAPHICS N.V., BE
[85] 2012-05-02
[86] 2010-12-06 (PCT/EP2010/068940)
[87] (WO2011/069947)
[30] EP (09178164.1) 2009-12-07
[30] US (61/267,468) 2009-12-08

[11] **2,781,013**
[13] C
[51] **Int.Cl. B64D 29/02 (2006.01) B64C 3/32 (2006.01) B64D 29/06 (2006.01)**
[25] FR
[54] **REAR AERODYNAMIC FAIRING OF A LINKING STRUT FOR AN AIRCRAFT ENGINE**
[54] **CARENAGE AERODYNAMIQUE ARRIERE D'UN MAT DE LIAISON D'UN MOTEUR D'AERONEF**
[72] DUMONT, JEAN-FRANCOIS, FR
[72] LEFORT, MARC, FR
[73] AIRBUS OPERATIONS SAS, FR
[86] (2781013)
[87] (2781013)
[22] 2012-06-18
[30] FR (11 55 773) 2011-06-28

[11] **2,781,154**
[13] C
[51] **Int.Cl. H04W 8/08 (2009.01) H04W 36/00 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING A SELECT IP TRAFFIC OFFLOAD FOR MOBILE COMMUNICATIONS BASED ON USER LOCATION**
[54] **GESTION DE CONNEXION A UN RESEAU DE DONNEES POUR COMMUNICATION MOBILE EN FONCTION D'EMPLACEMENT D'UTILISATEUR**
[72] HORN, GAVIN BERNARD, US
[72] GIARETTA, GERARDO, US
[72] GRIOT, MIGUEL, US
[72] SONG, OSOK, US
[73] QUALCOMM INCORPORATED, US
[85] 2012-05-16
[86] 2010-12-03 (PCT/US2010/058978)
[87] (WO2011/069119)
[30] US (61/266,897) 2009-12-04
[30] US (12/893,190) 2010-09-29

[11] **2,782,737**
[13] C
[51] **Int.Cl. C04B 28/14 (2006.01) C04B 28/16 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT GYPSUM PRODUCTS HAVING ENHANCED WATER RESISTANCE**
[54] **PRODUITS EN PLATRE LEGER PRESENTANT UNE RESISTANCE A L'EAU AMELIOREE**
[72] FISHER, ROBIN DANIEL, GB
[73] BPB LIMITED, GB
[85] 2012-06-04
[86] 2010-12-02 (PCT/GB2010/052011)
[87] (WO2011/067601)
[30] GB (0921293.7) 2009-12-04

[11] **2,782,854**
[13] C
[51] **Int.Cl. H04W 8/22 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **ADJUSTING AN AUDIO NOTIFICATION MODE OF A MOBILE COMPUTING DEVICE**
[54] **REGLAGE D'UN MODE DE NOTIFICATION AUDIO D'UN DISPOSITIF INFORMATIQUE MOBILE**
[72] SPENCER, CURTIS CLYDE, CA
[72] BARCOTTI, GLAUCO, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2782854)
[87] (2782854)
[22] 2012-07-10
[30] US (13/199336) 2011-08-25

[11] **2,783,033**
[13] C
[51] **Int.Cl. G03G 13/05 (2006.01) G03G 5/04 (2006.01) G03G 15/05 (2006.01) G03G 15/22 (2006.01)**
[25] EN
[54] **ELECTROSTATIC IMAGING MEMBER AND METHODS FOR USING THE SAME**
[54] **ELEMENT DE FORMATION D'IMAGE ELECTROSTATIQUE ET METHODE D'UTILISATION**
[72] MCGUIRE, GREGORY, CA
[72] LIU, YU, CA
[72] KLENKLER, RICHARD A., CA
[73] XEROX CORPORATION, US
[86] (2783033)
[87] (2783033)
[22] 2012-07-09
[30] US (13/182,346) 2011-07-13

[11] **2,783,099**
[13] C
[51] **Int.Cl. G03B 19/00 (2006.01) H04N 5/30 (2006.01)**
[25] EN
[54] **CAMERA MODULE HAVING PROTRUDING LENS BARREL**
[54] **MODULE DE CAMERA AYANT UN BARILLET EN SALLIE**
[72] GRANDIN, THOMAS G., CA
[72] CHOI, YUN SEOK, CA
[72] LAUSTSEN, SOREN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2783099)
[87] (2783099)
[22] 2012-07-17
[30] US (61/570,896) 2011-12-15

[11] **2,783,421**
[13] C
[51] **Int.Cl. C22C 47/20 (2006.01) C22C 47/06 (2006.01) C22C 49/11 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A STRAIGHT INSERT MADE OF METAL MATRIX COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN INSERT DE FORME DROITE EN MATERIAU COMPOSITE A MATRICE METALLIQUE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] MASSON, RICHARD, FR
[72] SALVAT, LOUIS, FR
[73] SNECMA, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2012-06-06
[86] 2010-12-15 (PCT/EP2010/069738)
[87] (WO2011/073247)
[30] FR (0959069) 2009-12-16

[11] **2,784,077**
[13] C
[51] **Int.Cl. A62B 1/10 (2006.01) A62B 1/14 (2006.01)**
[25] EN
[54] **ABSEILING DEVICE**
[54] **DISPOSITIF DE DESCENTE A CABLE**
[72] KOWATSCH, ULRICH, DE
[72] STABEL, PETER, DE
[72] KEMPF, MARCELL, DE
[73] SKYLOTEC GMBH, DE
[85] 2012-06-12
[86] 2010-12-13 (PCT/EP2010/007575)
[87] (WO2011/072831)
[30] DE (20 2009 017 159.0) 2009-12-19

[11] **2,784,811**
[13] C
[51] **Int.Cl. E02D 5/72 (2006.01) E02D 5/24 (2006.01)**
[25] EN
[54] **PILE TO MINIMIZE NOISE TRANSMISSION AND METHOD OF PILE DRIVING**
[54] **PIEU POUR RENDRE MINIMALE LA TRANSMISSION DE BRUIT ET PROCEDE D'ENFONCEMENT DE PIEU**
[72] REINHALL, PER G., US
[72] DAHL, PETER H., US
[73] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2012-06-15
[86] 2011-01-19 (PCT/US2011/021723)
[87] (WO2011/091041)
[30] US (61/296,413) 2010-01-19

[11] **2,784,947**
[13] C
[51] **Int.Cl. E01B 9/28 (2006.01) E01B 9/36 (2006.01)**
[25] EN
[54] **RAILWAY RAIL FASTENING APPARATUS**
[54] **APPAREIL DE FIXATION DE RAIL DE VOIE FERREE**
[72] COX, STEPHEN JOHN, GB
[72] PORRILL, JOHN PHILLIP, GB
[72] ADEDIPE, ANTHONY, GB
[72] LLOYD, NICHOLAS, GB
[73] PANDROL LIMITED, GB
[85] 2012-06-19
[86] 2010-12-03 (PCT/EP2010/068891)
[87] (WO2011/076543)
[30] GB (0922324.9) 2009-12-22

[11] **2,785,364**
[13] C
[51] **Int.Cl. E21B 10/12 (2006.01) E21D 9/10 (2006.01)**
[25] FR
[54] **METHOD FOR REPLACING A TUNNEL BORING MACHINE DISK CUTTER, HANDLING DEVICE AND DISK CUTTER SUITED TO SUCH A METHOD**
[54] **PROCEDE DE REMPLACEMENT D'UNE MOLETTE DE TUNNELIER, DISPOSITIF DE MANIPULATION ET MOLETTE ADAPTES A UN TEL PROCEDE**
[72] DERYCKE, JEAN-NOEL, FR
[72] RUBRECHT, SEBASTIEN, FR
[73] BOUYGUES TRAVAUX PUBLICS, FR
[85] 2012-06-21
[86] 2010-12-14 (PCT/EP2010/069620)
[87] (WO2011/076616)
[30] FR (0959413) 2009-12-22

[11] **2,786,340**
[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/60 (2017.01) C07K 5/10 (2006.01) C07K 5/11 (2006.01) C07K 7/06 (2006.01) C07K 14/65 (2006.01) C12N 15/11 (2006.01) C12N 15/16 (2006.01) C12N 15/62 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **IGF-I POLY (ETHYLENE GLYCOL) CONJUGATES**
[54] **CONJUGUES DE L'IGF-I ET DU POLY(ETHYLENE GLYCOL)**
[72] HESSE, FRIEDERIKE, DE
[72] HOESS, EVA, DE
[72] MUELLER, STEPHANIE, DE
[72] TROST-GROSS, EVA MARIA, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-07-04
[86] 2011-02-04 (PCT/EP2011/051631)
[87] (WO2011/098400)
[30] EP (10153275.2) 2010-02-11

[11] **2,786,624**
[13] C
[51] **Int.Cl. E21F 11/00 (2006.01) E02D 29/12 (2006.01) E06C 1/00 (2006.01) E21D 5/00 (2006.01) E21D 7/02 (2006.01)**
[25] EN
[54] **IMPROVED LADDERWAY SYSTEM FOR UNDERGROUND RAISES**
[54] **SYSTEME DE PASSAGE D'ECHELLE AMELIORE POUR ELEVATIONS SOUTERRAINES**
[72] DURKIN, STEVEN PETER, AU
[73] HIRAM (WA) PTY LTD, AU
[85] 2012-07-06
[86] 2010-12-24 (PCT/AU2010/001753)
[87] (WO2011/085431)
[30] AU (2010900116) 2010-01-13
[30] AU (2010902768) 2010-06-23

[11] **2,786,659**
[13] C
[51] **Int.Cl. C12N 15/85 (2006.01) A01K 67/027 (2006.01) A61K 48/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/09 (2006.01) C12N 15/68 (2006.01) C12P 21/00 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **MOUSE ARTIFICIAL CHROMOSOME VECTOR**
[54] **VECTEUR DE CHROMOSOME ARTIFICIEL DE SOURIS**
[72] OSHIMURA, MITSUO, JP
[72] KAZUKI, YASUHIRO, JP
[72] TAKIGUCHI, MASATO, JP
[72] MATSUOKA, TAKASHI, JP
[73] NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY, JP
[73] CHROMOCENTER INC., JP
[85] 2012-07-06
[86] 2011-01-06 (PCT/JP2011/050490)
[87] (WO2011/083870)
[30] JP (2010-001425) 2010-01-06

[11] **2,787,707**
[13] C
[51] **Int.Cl. H02H 3/04 (2006.01) H02H 7/085 (2006.01)**
[25] EN
[54] **ELECTRONIC OVERCURRENT RELEASE FOR CIRCUIT BREAKERS**
[54] **DECLENCHEUR A SURINTENSITE ELECTRONIQUE POUR DISJONCTEUR**
[72] MEID, WOLFGANG, DE
[73] EATON ELECTRICAL IP GMBH & CO. KG, DE
[85] 2012-07-20
[86] 2011-01-20 (PCT/EP2011/050759)
[87] (WO2011/089186)
[30] DE (20 2010 001 197.3) 2010-01-21

[11] **2,788,049**
[13] C
[51] **Int.Cl. B29C 44/24 (2006.01) B29C 47/06 (2006.01)**
[25] FR
[54] **METHOD FOR MAKING FOAMED SYNTHETIC BOARDS**
[54] **PROCEDE DE REALISATION DE PLANCHES SYNTHETIQUES MOUSSEES**
[72] NAVEZ, VINCENT, BE
[72] BRULL, DAVID, BE
[72] FRERE, ROBERT, BE
[72] NOEEL, EMMANUEL, BE
[72] JOB, DENIS, BE
[72] MAYERES, JEAN-PIERRE, BE
[73] NMC S.A., BE
[85] 2012-07-25
[86] 2011-02-25 (PCT/EP2011/052849)
[87] (WO2011/104362)
[30] BE (BE2010/0127) 2010-02-25

[11] **2,788,233**
[13] C
[51] **Int.Cl. A61G 7/015 (2006.01) A47C 17/86 (2006.01) A47C 19/00 (2006.01) A61G 7/012 (2006.01) A61G 7/018 (2006.01)**
[25] EN
[54] **LONG TERM CARE BED**
[54] **LIT DE SOINS DE LONGUE DUREE**
[72] KAY, NORMAN A., CA
[72] JOHNSON, ANDREW PETER, CA
[72] DESOUSA, DANIEL, CA
[73] DRIVE MEDICAL DESIGN & MFG., US
[86] (2788233)
[87] (2788233)
[22] 2012-08-30
[30] US (13/223,507) 2011-09-01

[11] **2,788,549**
[13] C
[51] **Int.Cl. B29C 39/04 (2006.01) B29C 39/06 (2006.01) E02D 31/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A DRAINAGE ELEMENT AND DRAINAGE ELEMENT PRODUCED THEREBY**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UN ELEMENT DE DRAINAGE ET ELEMENT DE DRAINAGE PRODUIT PAR LEDIT PROCEDE**
[72] ANDERSSON, JAN, SE
[73] MDT MARK O DRANERINGSTEKNIK HOLDING AKTIEBOLAG, SE
[85] 2012-07-30
[86] 2011-02-04 (PCT/SE2011/050130)
[87] (WO2011/096885)
[30] SE (1050117-9) 2010-02-05

[11] **2,789,129**
[13] C
[51] **Int.Cl. G01S 15/89 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **ULTRASOUND IMAGING SYSTEM USING BEAMFORMING TECHNIQUES FOR PHASE COHERENCE GRATING LOBE SUPPRESSION**
[54] **SYSTEME D'IMAGERIE ULTRASONORE METTANT EN □UVRE DES TECHNIQUES DE FORMATION DE FAISCEAUX POUR LA SUPPRESSION DE LOBES DE RESEAU DE COHERENCE DE PHASE**
[72] BROWN, JEREMY, CA
[72] ADAMSON, ROBERT, CA
[72] TORBATIAN, ZAHRA, CA
[72] BANCE, MANOHAR, CA
[73] DALHOUSIE UNIVERSITY, CA
[85] 2012-08-07
[86] 2011-02-08 (PCT/IB2011/000430)
[87] (WO2011/095896)
[30] US (61/302,242) 2010-02-08

[11] **2,790,042**
[13] C
[51] **Int.Cl. A47C 27/15 (2006.01) B29C 39/02 (2006.01)**
[25] EN
[54] **CUSHION PAD AND METHOD FOR MANUFACTURING THE SAME**
[54] **COUSSIN-GALETTE ET SON PROCEDE DE FABRICATION**
[72] KONDO, SATOSHI, JP
[73] INOAC CORPORATION, JP
[85] 2012-08-15
[86] 2011-02-18 (PCT/JP2011/053464)
[87] (WO2011/102449)
[30] JP (2010-035271) 2010-02-19

[11] **2,790,083**
[13] C
[51] **Int.Cl. G01S 7/03 (2006.01) G01S 7/282 (2006.01) G01S 13/93 (2006.01) H01H 36/00 (2006.01) H01Q 1/38 (2006.01) H01Q 21/06 (2006.01)**
[25] EN
[54] **RADAR SYSTEM AND METHOD OF MANUFACTURING SAME**
[54] **SYSTEME RADAR ET SON PROCEDE DE FABRICATION**
[72] CHOWDHURY, SAZZADUR, CA
[73] UNIVERSITY OF WINDSOR, CA
[85] 2012-08-16
[86] 2011-03-03 (PCT/CA2011/000232)
[87] (WO2011/106881)
[30] US (61/282,595) 2010-03-05

[11] **2,791,546**
[13] C
[51] **Int.Cl. B21B 1/00 (2006.01) B21B 9/00 (2006.01) C22F 1/10 (2006.01)**
[25] EN
[54] **METHOD OF MAKING NICKEL STRIP**
[54] **PROCEDE DE PRODUCTION DE BANDES DE NICKEL**
[72] STUTH, THEODOR, DE
[73] STUTH, THEODOR, DE
[85] 2012-08-30
[86] 2011-02-04 (PCT/EP2011/000509)
[87] (WO2011/107199)
[30] DE (10 2010 010 536.8) 2010-03-05

[11] **2,792,101**
[13] C
[51] **Int.Cl. A61K 6/00 (2006.01) A61C 5/50 (2017.01)**
[25] EN
[54] **COMPOSITIONS FOR ENDODONTIC INSTRUMENTS**
[54] **COMPOSITIONS POUR INSTRUMENTS ENDODONTIQUES**
[72] BERGER, TODD, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2012-09-05
[86] 2011-03-11 (PCT/US2011/028031)
[87] (WO2011/115823)
[30] US (61/314,255) 2010-03-16

[11] **2,792,375**
[13] C
[51] **Int.Cl. B65B 5/12 (2006.01) A61J 1/03 (2006.01) B65B 37/00 (2006.01)**
[25] EN
[54] **BLISTER SHEET LOADING APPARATUS WITH BOUNCE PREVENTION MEANS**
[54] **APPAREIL DE CHARGEMENT DE PLAQUETTES ALVEOLEES AVEC MOYENS D'EVITEMENT DE REBONDISSEMENT**
[72] KNOTH, NORMAN D., US
[73] MANREX PTY. LTD, AU
[73] QEM INC., US
[85] 2012-09-07
[86] 2011-03-08 (PCT/AU2011/000255)
[87] (WO2011/109861)
[30] AU (2010901017) 2010-03-11

[11] **2,792,548**
[13] C
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 10/04 (2006.01)**
[25] EN
[54] **ENDOSCOPIC ULTRASOUND-GUIDED BIOPSY NEEDLE**
[54] **AIGUILLE ENDOSCOPIQUE A BIOPSIE GUIDEE PAR ULTRASONS**
[72] SCHEMBRE, DREW B., US
[72] CLANCY, MICHAEL S., IE
[72] CHMURA, KEVIN, US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2012-09-07
[86] 2011-04-04 (PCT/US2011/031048)
[87] (WO2011/126963)
[30] US (61/321,243) 2010-04-06

[11] **2,792,685**
[13] C
[51] **Int.Cl. G06F 3/0485 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD OF MODIFYING RENDERED ATTRIBUTES OF LIST ELEMENTS IN A USER INTERFACE**
[54] **METHODE DE MODIFICATION D'ATTRIBUTS DE RENDU DES ELEMENTS D'UNE LISTE SUR UNE INTERFACE UTILISATEUR**
[72] MANSSON, ERIK MAGNUS, SE
[72] KENNARD, GLENN ERIC, SE
[72] TROBRO, NILS FREDRIK, SE
[73] BLACKBERRY LIMITED, CA
[86] (2792685)
[87] (2792685)
[22] 2012-10-17
[30] US (61/548,641) 2011-10-18

[11] **2,792,985**
[13] C
[51] **Int.Cl. C01C 1/04 (2006.01) C01B 3/02 (2006.01) C01B 3/50 (2006.01) C01B 3/52 (2006.01) C01B 3/56 (2006.01)**
[25] EN
[54] **HYDROGEN AND NITROGEN RECOVERY FROM AMMONIA PURGE GAS**
[54] **RECUPERATION D'HYDROGENE ET D'AZOTE A PARTIR D'UN GAZ PURGE CONTENANT DE L'AMMONIAC**
[72] OSTUNI, RAFFAELE, IT
[72] FILIPPI, ERMANNO, CH
[72] SKINNER, GEOFFREY FREDERICK, GB
[73] CASALE SA, CH
[85] 2012-09-12
[86] 2010-05-17 (PCT/EP2010/056753)
[87] (WO2011/124268)
[30] EP (10159190.7) 2010-04-07

[11] **2,794,060**
[13] C
[51] **Int.Cl. A61K 31/454 (2006.01) A61K 31/573 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS USING 4-(AMINO)-2-(2,6-DIOXO(3-PIPERIDYL))-ISOINDOLINE-1,3-DIONE FOR TREATMENT AND MANAGEMENT OF MULTIPLE MYELOMA**
[54] **METHODES ET COMPOSITIONS COMPRENANT DE LA 4-(AMINO)-2-(2,6-DIOXO(3-PIPERIDYL))-ISOINDOLINE-1,3-DIONE POUR LE TRAITEMENT ET LA GESTION DE MYELOMES MULTIPLES**
[72] ZELDIS, JEROME B., US
[73] CELGENE CORPORATION, US
[86] (2794060)
[87] (2794060)
[22] 2003-05-16
[62] 2,727,830
[30] US (60/380,842) 2002-05-17
[30] US (60/424,600) 2002-11-06

[11] **2,794,111**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 21/10 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SYSTEM, ASSEMBLY AND METHOD FOR PORT CONTROL**
[54] **SYSTEME, ENSEMBLE ET PROCEDE POUR COMMANDE DE PORTS**
[72] KELLNER, JUSTIN, US
[72] SOLFRONK, MATTHEW D., US
[72] HARRIS, JOHN TRAVIS, US
[72] MADERO, PAUL, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-09-21
[86] 2011-03-23 (PCT/US2011/029622)
[87] (WO2011/119728)
[30] US (12/729,894) 2010-03-23

[11] **2,794,141**
[13] C
[51] **Int.Cl. E02F 3/413 (2006.01) B66C 3/04 (2006.01) F16C 11/04 (2006.01)**
[25] EN
[54] **SEVERE DUTY GRAPPLE WITH TUBULAR PIVOT**
[54] **GRAPPIN POUR CHARGES LOURDES COMPORTANT UN PIVOT TUBULAIRE**
[72] RAIHALA, DANIEL J., US
[73] GENESIS ATTACHMENTS, LLC, US
[85] 2012-09-24
[86] 2011-03-22 (PCT/US2011/029334)
[87] (WO2011/119542)
[30] US (12/728,669) 2010-03-22

[11] **2,794,193**
[13] C
[51] **Int.Cl. A61H 1/02 (2006.01)**
[25] EN
[54] **A HAND REHABILITATION DEVICE**
[54] **DISPOSITIF DE REEDUCATION DE LA MAIN**
[72] FAUSTI, DAVIDE, IT
[72] SENECI, CARLO, IT
[73] IDROGENET S.R.L., IT
[85] 2012-09-21
[86] 2011-03-21 (PCT/IT2011/000082)
[87] (WO2011/117901)
[30] IT (MI2010A000466) 2010-03-23
[30] IT (MI2011U000088) 2011-03-10

[11] **2,794,210**
[13] C
[51] **Int.Cl. H02K 16/00 (2006.01)**
[25] EN
[54] **HIGH ACCELERATION ROTARY ACTUATOR**
[54] **ACTIONNEUR ROTATIF A HAUTE ACCELERATION**
[72] LANGRECK, GERALD K., US
[73] LANGRECK, GERALD K., US
[85] 2012-09-24
[86] 2011-03-25 (PCT/US2011/029945)
[87] (WO2011/119928)
[30] US (61/340,948) 2010-03-25

[11] **2,794,629**
[13] C
[51] **Int.Cl. B65B 9/20 (2012.01) A23L 27/00 (2016.01) A24B 13/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE IN THE FORMATION OF A TOBACCO POUCH PRODUCT**
[54] **APPAREIL A DES FINS D'UTILISATION POUR LA REALISATION D'UN PRODUIT DE BLAGUE A TABAC**
[72] RINEHART, STEVEN R., US
[72] BELCASTRO, MARC D., US
[72] WILLIAMS, DWIGHT D., US
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2012-09-26
[86] 2011-03-28 (PCT/IB2011/000961)
[87] (WO2012/004642)
[30] US (61/318,261) 2010-03-26

[11] **2,795,119**
[13] C
[51] **Int.Cl. G08C 17/02 (2006.01) H04B 17/18 (2015.01) H04B 17/309 (2015.01)**
[25] EN
[54] **METHOD AND DEVICES FOR PROVIDING FEEDBACK ABOUT A QUALITY OF COMMUNICATION BETWEEN A DEVICE AND A REMOTE CONTROL**
[54] **PROCEDE ET DISPOSITIFS DESTINES A FOURNIR UN RETOUR D'INFORMATION SUR LA QUALITE DE COMMUNICATION ENTRE UN DISPOSITIF ET UNE TELECOMMANDE**
[72] KOZLOWSKI, ANTHONY, US
[72] MARTCH, HENRY GREGG, US
[73] ECHOSTAR TECHNOLOGIES LLC, US
[85] 2012-10-01
[86] 2011-03-30 (PCT/US2011/030571)
[87] (WO2011/123557)
[30] US (61/320,637) 2010-04-02
[30] US (12/905,899) 2010-10-15

[11] **2,795,141**
[13] C
[51] **Int.Cl. A61K 8/33 (2006.01) A61K 8/34 (2006.01) A61K 8/35 (2006.01) A61K 8/368 (2006.01) A61K 8/37 (2006.01) A61Q 11/00 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **WHOLE MOUTH MALODOR CONTROL BY A COMBINATION OF ANTIBACTERIAL AND DEODORIZING AGENTS**
[54] **CONTROLE TOTAL DE LA MAUVAISE HALEINE PAR UNE COMBINAISON D'AGENTS ANTIBACTERIENS ET DESODORISANTS**
[72] RAMJI, NIRANJAN, US
[72] SNIDER, ANN GILLIGAN, US
[72] WITTE, LINA AURORA, US
[72] BECKER, BEVERLY D., US
[72] STATT, BETH HANSELL, US
[72] NOLAND, ANDREA L., US
[72] MCKINNEY, KRISTI, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2012-10-01
[86] 2011-03-31 (PCT/US2011/030665)
[87] (WO2011/123601)
[30] US (61/319,897) 2010-04-01
[30] US (61/437,815) 2011-01-31

---

[11] **2,795,473**
[13] C
[51] **Int.Cl. B22C 7/02 (2006.01) B22D 17/22 (2006.01)**
[25] FR
[54] **EQUIPMENT FOR INJECTING A PART**
[54] **OUTILLAGE D'INJECTION D'UNE PIECE**
[72] BOUTHEMY, PHILIPPE, FR
[72] DILLENSEGER, SERGE, FR
[72] POURFILET, PATRICK, FR
[72] QUACH, DANIEL, FR
[72] VERGER, JEAN-LOUIS MARTIAL, FR
[73] SNECMA, FR
[85] 2012-10-04
[86] 2011-05-10 (PCT/FR2011/051047)
[87] (WO2011/141674)
[30] FR (1053665) 2010-05-11

---

[11] **2,795,581**
[13] C
[51] **Int.Cl. A45B 9/00 (2006.01) A61H 3/02 (2006.01) A61H 3/06 (2006.01)**
[25] EN
[54] **SHOCK ABSORBER INSERT FOR A WALKING AID**
[54] **INSERT D'ABSORBEUR DE CHOCS POUR UNE AIDE A LA MARCHE**
[72] BASHAM, MARSHALL AARON VAUGHN, NZ
[73] AUCKLAND MOBILITY DEVICES LIMITED, NZ
[85] 2012-10-04
[86] 2011-04-01 (PCT/NZ2011/000045)
[87] (WO2011/126381)
[30] NZ (580176) 2010-04-05
[30] NZ (580647) 2010-04-23

---

[11] **2,795,652**
[13] C
[51] **Int.Cl. F27D 21/00 (2006.01) G01S 13/08 (2006.01) G01S 13/88 (2006.01)**
[25] EN
[54] **MEASUREMENT OF CHARGE BANK LEVEL IN A METALLURGICAL FURNACE**
[54] **MESURE DU NIVEAU DE CHARGE D'UN FOUR METALLURGIQUE**
[72] SADRI, AFSHIN, CA
[72] SHAMELI, EHSAN, CA
[72] VENDITTI, ROBERTO, CA
[72] KEPES, ANDREI, CA
[72] GERRITSEN, TERRY, CA
[72] SOUTHALL, SEAN, CA
[72] UYEDA, BRUCE, CA
[73] HATCH LTD., CA
[85] 2012-10-05
[86] 2011-04-26 (PCT/CA2011/000469)
[87] (WO2011/134052)
[30] US (61/328,023) 2010-04-26

---

[11] **2,795,846**
[13] C
[51] **Int.Cl. F16D 31/00 (2006.01) F16D 35/00 (2006.01) F16D 57/00 (2006.01) F16D 67/04 (2006.01) F16H 39/00 (2006.01)**
[25] EN
[54] **TORQUE TRANSMITTING AND BRAKING DEVICE**
[54] **DISPOSITIF DE TRANSMISSION DE COUPLE ET DE FREINAGE**
[72] WALDON, RAYMOND, AU
[73] WALDON, RAYMOND, AU
[85] 2012-10-09
[86] 2011-01-17 (PCT/AU2011/000043)
[87] (WO2011/085451)
[30] AU (2010900176) 2010-01-18

---

[11] **2,796,373**
[13] C
[51] **Int.Cl. B64C 25/40 (2006.01)**
[25] EN
[54] **DRIVE UNIT FOR AIRCRAFT RUNNING GEAR**
[54] **UNITE D'ENTRAINEMENT POUR TRAIN ROULANT D'AVION**
[72] OSWALD, JOHANN, DE
[72] HEEG, MANFRED, DE
[73] L-3 COMMUNICATIONS MAGNET-MOTOR GMBH, DE
[85] 2012-10-12
[86] 2010-04-28 (PCT/EP2010/055688)
[87] (WO2011/134503)

---

[11] **2,797,332**
[13] C
[51] **Int.Cl. F16K 1/226 (2006.01) F16K 1/228 (2006.01)**
[25] FR
[54] **FAUCET HAVING A METAL GASKET**
[54] **ROBINET A JOINT METALLIQUE**
[72] VINZIO, PASCAL, FR
[72] DUBOY, DOMINIQUE, FR
[73] KSB S.A.S., FR
[85] 2012-10-24
[86] 2011-04-15 (PCT/FR2011/000225)
[87] (WO2011/141641)
[30] FR (1002007) 2010-05-11

[11] **2,797,986**
[13] C
[51] **Int.Cl. H04L 12/18 (2006.01) H04N 21/20 (2011.01) H04N 7/15 (2006.01)**
[25] EN
[54] **COLLABORATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COLLABORATION**
[72] SHEN, FRANCIS, CA
[72] FRANCISCO, PAULO, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2797986)
[87] (2797986)
[22] 2012-12-06
[30] US (61/567,568) 2011-12-06

---

[11] **2,798,046**
[13] C
[51] **Int.Cl. B64C 1/06 (2006.01) B64C 1/18 (2006.01) B64C 25/00 (2006.01)**
[25] FR
[54] **PERFECTED AIRCRAFT FORE-STRUCTURE INCLUDING A LANDING GEAR COMPARTMENT**
[54] **STRUCTURE AVANT D'AVION PERFECTIONNEE A COMPARTIMENT POUR TRAIN D'ATTERRISSAGE**
[72] BERNADET, PHILIPPE, FR
[72] LIEVEN, PATRICK, FR
[72] DUGERIE, MARC, FR
[72] MIALHE, CHRISTOPHE, FR
[72] DELAHAYE, ROMAIN, FR
[73] AIRBUS OPERATIONS SAS, FR
[86] (2798046)
[87] (2798046)
[22] 2012-11-27
[30] FR (11 61 462) 2011-12-12

---

[11] **2,799,106**
[13] C
[51] **Int.Cl. B31F 1/08 (2006.01) B65H 37/00 (2006.01) B65H 45/12 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROCESSING FLAT PRODUCTS**
[54] **APPAREIL ET PROCEDE POUR TRAITER DES PRODUITS PLATS**
[72] BARRER, DANIEL, CH
[72] CORIC, IVAN, CH
[73] MULTIGRAF AG, CH
[86] (2799106)
[87] (2799106)
[22] 2012-12-18
[30] EP (EP11195825.2) 2011-12-27

---

[11] **2,799,286**
[13] C
[51] **Int.Cl. A61C 17/02 (2006.01)**
[25] EN
[54] **IMPROVED DENTAL NOZZLE**
[54] **BUSE DENTAIRE AMELIOREE**
[72] THORP, CHRIS, GB
[72] SEGAL, ALAN JULIAN, GB
[73] ASTEK INNOVATIONS LIMITED, GB
[85] 2012-11-13
[86] 2011-05-27 (PCT/GB2011/051008)
[87] (WO2011/154718)
[30] GB (1009644.4) 2010-06-09
[30] GB (1103947.6) 2011-03-09

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[11] **2,799,615**
[13] C
[51] **Int.Cl. B61L 23/00 (2006.01) H04N 21/8358 (2011.01) H04L 1/00 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SECURING REMOTE VIDEO TRANSMISSION FOR THE REMOTE CONTROL OF A VEHICLE**
[54] **SECURISATION D'UNE TRANSMISSION VIDEO A DISTANCE DESTINEE AU CONTROLE A DISTANCE D'UN VEHICULE**
[72] NOGUEIRA ALVES, CLARA, FR
[73] SIEMENS SAS, FR
[85] 2012-11-16
[86] 2010-06-30 (PCT/EP2010/059275)
[87] (WO2011/144261)
[30] EP (10290263.2) 2010-05-19

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[11] **2,799,714**
[13] C
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **MONITORING CUSTOMER-SELECTED VEHICLE PARAMETERS**
[54] **PARAMETRES DE SURVEILLANCE DE VEHICULE SELECTIONNES PAR UN CLIENT**
[72] COLLINS, DEAN M., US
[72] SMITH, BRYAN, US
[72] KRYSINSKI, WILLIAM, US
[73] THE TRAVELERS INDEMNITY COMPANY, US
[85] 2012-11-16
[86] 2011-05-17 (PCT/US2011/036786)
[87] (WO2011/146466)
[30] US (61/345,220) 2010-05-17

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[11] **2,800,609**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **APPLICATION LAYER COMMUNICATION VIA SINGLE RADIO BLOCK ACCESS**
[54] **COMMUNICATION DE COUCHE D'APPLICATION PAR L'INTERMEDIAIRE D'UN ACCES DE BLOC RADIO UNIQUE**
[72] DIACHINA, JOHN, US
[72] SCHLIWA-BERTLING, PAUL, SE
[72] BERGSTROM, ANDREAS, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2012-11-09
[86] 2011-04-20 (PCT/IB2011/051706)
[87] (WO2011/141835)
[30] US (61/332,932) 2010-05-10
[30] US (13/073,993) 2011-03-28

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[11] **2,800,689**
[13] C
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 8/18 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **ASSEMBLY, AND ASSOCIATED METHOD, FOR CONTROLLING DISPOSITION OF ENTERPRISE DATA AT A WIRELESS DEVICE**
[54] **ENSEMBLE ET PROCEDE ASSOCIE DE MAITRISE DE L'ELIMINATION DE DONNEES D'ENTREPRISE AU NIVEAU D'UN DISPOSITIF SANS FIL**
[72] HOLLERAN, JEFFREY J., US
[72] BOWERMAN, ROBERT, CA
[72] BOCKING, ANDREW DOUGLAS, CA
[72] MITCHELMORE, PETER LAWRENCE, US
[72] CARBONELL DUQUE, SANTIAGO, CA
[72] CHERRY, CARL L., CA
[72] CARDY, JONATHAN RAYMOND, CA
[72] GOGUEN, JOSEPH PATRICK THOMAS, US
[72] ZINN, RONALD SCOTTE, CA
[72] COODE, CATHERINE MICHELLE, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-11-23
[86] 2011-05-27 (PCT/US2011/038404)
[87] (WO2011/153104)
[30] US (12/794,030) 2010-06-04

[11] **2,800,702**
[13] C
[51] **Int.Cl. E21B 43/017 (2006.01) E21B 33/035 (2006.01)**
[25] EN
[54] **SUBSEA HYDROCARBON PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION SOUS-MARINE D'HYDROCARBURES**
[72] STENEVIK, KARL-ATLE, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2012-11-23
[86] 2010-05-28 (PCT/EP2010/057403)
[87] (WO2011/147459)

[11] **2,800,765**
[13] C
[51] **Int.Cl. F03D 3/06 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **TWO-BLADED VERTICAL AXIS WIND TURBINES**
[54] **EOLIENNES A AXE VERTICAL ET A DEUX PALES**
[72] FARB, DANIEL, IL
[72] FARKASH, AVNER, IL
[72] HARELI, GADI, IL
[72] VAN ZWAREN, JOE, IL
[72] KOLMAN, KEN, IL
[73] LEVIATHAN ENERGY WIND LOTUS LTD., IL
[85] 2012-11-26
[86] 2010-05-26 (PCT/IB2010/052334)
[87] (WO2010/136975)
[30] US (61/180,949) 2009-05-26
[30] US (61/224,925) 2009-07-13
[30] US (61/244,083) 2009-09-21

[11] **2,800,858**
[13] C
[51] **Int.Cl. C09C 1/02 (2006.01) D21H 17/67 (2006.01)**
[25] EN
[54] **USE OF 2-AMINOETHANOL AS ADDITIVE IN AQUEOUS SUSPENSIONS OF CALCIUM CARBONATE COMPRISING MATERIALS**
[54] **UTILISATION DE 2-AMINOETHANOL COMME ADDITIF DANS LES SUSPENSIONS AQUEUSES DE MATERIAUX RENFERMANT DU CARBONATE DE CALCIUM**
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] GANE, PATRICK A.C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2012-11-27
[86] 2011-05-31 (PCT/EP2011/058940)
[87] (WO2011/154289)
[30] EP (10165053.9) 2010-06-07
[30] US (61/398,176) 2010-06-22

[11] **2,800,891**
[13] C
[51] **Int.Cl. A61K 31/165 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 37/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **USE OF KUKOAMINE A AND KUKOAMINE B**
[54] **UTILISATION DE KUKOAMINE A ET DE KUKOAMINE B**
[72] ZHENG, JIANG, CN
[72] LIU, XIN, CN
[72] ZHENG, XINCHUAN, CN
[72] ZHOU, HONG, CN
[72] CAO, HONGWEI, CN
[72] WANG, NING, CN
[72] LU, YONGLING, CN
[73] THE FIRST AFFILIATED HOSPITAL, THIRD MILITARY MEDICAL UNIVERSITY, PLA, CN
[73] TIANJIN CHASESUN PHARMACEUTICAL CO., LTD, CN
[85] 2012-10-03
[86] 2011-03-21 (PCT/CN2011/000478)
[87] (WO2011/134271)
[30] CN (201010156503.X) 2010-04-27

[11] **2,801,285**
[13] C
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61K 8/20 (2006.01) A61K 8/36 (2006.01) A61K 8/81 (2006.01) A61Q 11/02 (2006.01) C01B 11/06 (2006.01)**
[25] EN
[54] **HYPOCHLORITE DENTURE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS A BASE D'HYPOCHLORITE POUR PROTHESE DENTAIRE ET PROCEDES D'UTILISATION**
[72] SMITH, WILLIAM L., US
[72] RUMBERGER, EVAN M., US
[73] THE CLOROX COMPANY, US
[85] 2012-11-30
[86] 2010-10-13 (PCT/US2010/052487)
[87] (WO2011/062707)
[30] US (61/351,433) 2010-06-04

[11] **2,801,690**
[13] C
[51] **Int.Cl. C11D 7/60 (2006.01) C02F 5/08 (2006.01) C02F 5/10 (2006.01) C11D 7/08 (2006.01) C11D 7/34 (2006.01)**
[25] FR
[54] **ACID COMPOSITIONS FOR THE REMOVAL OF OXALATES**
[54] **COMPOSITIONS ACIDES POUR L'ELIMINATION DES OXALATES**
[72] LAFFITTE, JEAN-ALEX, FR
[72] SRINIVAS, VIJAY R., US
[73] ARKEMA FRANCE, FR
[85] 2012-12-05
[86] 2011-06-24 (PCT/FR2011/051461)
[87] (WO2012/001276)
[30] US (61/359,483) 2010-06-29
[30] FR (1055183) 2010-06-29

[11] **2,802,285**
[13] C
[51] **Int.Cl. H04N 19/60 (2014.01) H04N 19/12 (2014.01)**
[25] EN
[54] **METHODS AND DEVICES FOR CONTEXT SET SELECTION**
[54] **METHODES ET DISPOSITIFS DE SELECTION D'UN ENSEMBLE DE CONTEXTES**
[72] NGUYEN, NGUYEN, CA
[72] JI, TIANYING, CA
[72] HE, DAKE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2802285)
[87] (2802285)
[22] 2013-01-14
[30] EP (12151965.6) 2012-01-20

---

[11] **2,802,612**
[13] C
[51] **Int.Cl. G02C 11/08 (2006.01) A61F 9/02 (2006.01)**
[25] EN
[54] **DOUBLE-LENS SKI GOGGLES**
[54] **LUNETTES DE SKI A DOUBLES VERRES**
[72] SALMINI, CARLO, IT
[73] ANOMALY ACTION SPORTS S.R.L., IT
[85] 2012-12-13
[86] 2011-05-25 (PCT/EP2011/058541)
[87] (WO2012/013387)
[30] IT (VE2010A000046) 2010-07-28

---

[11] **2,802,921**
[13] C
[51] **Int.Cl. H04J 3/00 (2006.01)**
[25] EN
[54] **ENHANCED PHYSICAL UPLINK CONTROL CHANNEL FORMAT RESOURCE ALLOCATION FOR TIME DIVISION DUPLEX MODE**
[54] **ATTRIBUTION DE RESSOURCES DE CANAL DE COMMANDE DE LIAISON MONTANTE PHYSIQUE AMELIORE POUR MODE DE DUPLEXAGE PAR REPARTITION TEMPORELLE**
[72] CHEN, PENG, CN
[72] GAO, CHUNYAN, CN
[72] TIIROLA, ESA, FI
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
[85] 2012-12-17
[86] 2010-06-18 (PCT/CN2010/074059)
[87] (WO2011/156967)

---

[11] **2,803,451**
[13] C
[51] **Int.Cl. H01P 1/30 (2006.01) H01P 1/39 (2006.01)**
[25] EN
[54] **HIGH POWER WAVEGUIDE CLUSTER CIRCULATOR**
[54] **CIRCULATEUR GROUPE A GUIDE D'ONDES POUR HAUTE PUISSANCE**
[72] CATOIU, MIRON, CA
[73] RAYTHEON CANADA LIMITED, CA
[85] 2012-12-20
[86] 2012-02-17 (PCT/CA2012/000148)
[87] (WO2012/139193)
[30] US (13/085,605) 2011-04-13

---

[11] **2,804,258**
[13] C
[51] **Int.Cl. G06F 21/00 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ALTERNATING MALWARE CLASSIFIERS IN AN ATTEMPT TO FRUSTRATE BRUTE-FORCE MALWARE TESTING**
[54] **SYSTEMES ET PROCEDES POUR FAIRE ALTERNER DES CLASSIFIEURS DE LOGICIEL MALVEILLANT DANS UNE TENTATIVE DE S'AFFRANCHIR D'UN TEST EXHAUSTIF DE LOGICIEL MALVEILLANT**
[72] SATISH, SOURABH, US
[73] SYMANTEC CORPORATION, US
[85] 2013-01-02
[86] 2011-05-14 (PCT/US2011/036560)
[87] (WO2012/003049)
[30] US (12/830,084) 2010-07-02

---

[11] **2,804,617**
[13] C
[51] **Int.Cl. B01D 29/62 (2006.01) B01D 35/16 (2006.01) B08B 3/02 (2006.01) E02B 5/08 (2006.01) F04B 53/20 (2006.01) F16L 55/24 (2006.01)**
[25] EN
[54] **SCREEN INTAKE CLEANING SYSTEM USING VARIABLE FLOW OF INCOMPRESSIBLE LIQUID**
[54] **SYSTEME DE NETTOYAGE DE PRISE A GRILLE UTILISANT UN DEBIT VARIABLE DE LIQUIDE INCOMPRESSIBLE**
[72] EKHOLM, MICHAEL, US
[72] SHAH, DILIPKUMAR P., US
[73] AQSEPTENCE GROUP, INC., US
[86] (2804617)
[87] (2804617)
[22] 2013-02-01
[30] US (61/594,053) 2012-02-02

---

[11] **2,804,808**
[13] C
[51] **Int.Cl. A01N 39/04 (2006.01) A01N 43/40 (2006.01) A01N 43/70 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC HERBICIDAL COMPOSITIONS CONTAINING AMINOPYRALID, 2,4-DICHLOROPHENOXYACETIC ACID AND ATRAZINE**
[54] **COMPOSITIONS HERBICIDES SYNERGIQUES CONTENANT DE L'AMINOPYRALIDE, DE L'ACIDE 2,4-DICHLOROPHENOXYACETIQUE ET DE L'ATRAZINE**
[72] RODRIGUEZ CONTRERAS, SERGIO, MX
[72] ROJAS-CALVO, CARLOS E., MX
[72] MASTERS, ROBERT A., US
[73] DOW AGROSCIENCES LLC, US
[85] 2013-01-08
[86] 2011-07-13 (PCT/US2011/043790)
[87] (WO2012/009395)
[30] US (61/364,099) 2010-07-14

[11] **2,806,410**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **PRESSURE-BASED BLOCKAGE DETECTION SYSTEM AND METHOD IN CROP PRODUCTION SYSTEMS**
[54] **SYSTEME ET PROCEDE DE DETECTION DE BLOCAGE FONDES SUR LA PRESSION DANS DES SYSTEMES DE PRODUCTION VEGETALE**
[72] HUI, KA PO CATHERINE, CA
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] HENRY, JAMES WAYNE, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2806410)
[87] (2806410)
[22] 2013-02-20
[30] US (13/585,762) 2012-08-14

[11] **2,806,707**
[13] C
[51] **Int.Cl. F01N 13/08 (2010.01) F01N 1/24 (2006.01)**
[25] EN
[54] **EXHAUST SUBSYSTEM WITH POLYMER HOUSING**
[54] **SOUS-SYSTEME D'ECHAPPEMENT A ENVELOPPE POLYMERE**
[72] SIERRA, BALJIT, CA
[73] NOVO PLASTICS INC., CA
[73] SIERRA, BALJIT, CA
[85] 2012-09-24
[86] 2010-03-23 (PCT/CA2010/000403)
[87] (WO2011/116447)

[11] **2,807,260**
[13] C
[51] **Int.Cl. G01K 15/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CALIBRATING A THERMOMETER IN SITU**
[54] **PROCEDE ET DISPOSITIF D'ETALONNAGE D'UN THERMOMETRE IN SITU**
[72] SEEFELD, PETER, DE
[72] BUCHNER, REINHARD, DE
[72] BOGUHN, DIRK, DE
[72] SCHALLES, MARC, DE
[73] ENDRESS+HAUSER WETZER GMBH+CO. KG, DE
[85] 2013-02-01
[86] 2011-07-25 (PCT/EP2011/062753)
[87] (WO2012/028387)
[30] DE (10 2010 040 039.4) 2010-08-31

[11] **2,807,938**
[13] C
[51] **Int.Cl. G06F 19/00 (2011.01) A63B 24/00 (2006.01)**
[25] EN
[54] **MONITORING FITNESS USING A MOBILE DEVICE**
[54] **SURVEILLANCE D'ACTIVITE D'ENTRAINEMENT PHYSIQUE AU MOYEN D'UN DISPOSITIF MOBILE**
[72] HOFFMAN, MICHAEL T., US
[72] CRANKSON, KWAMINA, US
[72] NIMS, JASON, US
[72] ORENSTEIN, MICHAEL LEVI, US
[72] WHITE, KRISTEN LAINA, US
[73] NIKE INNOVATE C.V., US
[85] 2013-02-08
[86] 2011-08-09 (PCT/US2011/047067)
[87] (WO2012/021507)
[30] US (61/371,842) 2010-08-09

[11] **2,808,145**
[13] C
[51] **Int.Cl. B65B 43/50 (2006.01) B65G 1/133 (2006.01) B65G 1/137 (2006.01) B65G 47/84 (2006.01)**
[25] EN
[54] **ROTATING DEVICE FOR RECEIVING AND HANDLING GOODS**
[54] **DISPOSITIF ROTATIF DESTINE A RECEVOIR ET A MANIER DES MARCHANDISES**
[72] HOGNALAND, INGVAR, NO
[73] JAKOB HATTELAND LOGISTICS AS, NO
[85] 2013-02-12
[86] 2011-08-23 (PCT/NO2011/000230)
[87] (WO2012/026824)
[30] NO (20101181) 2010-08-24

[11] **2,810,009**
[13] C
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **STICKY ORDER ROUTERS**
[54] **ROUTEURS D'ORDRES A MEMOIRE**
[72] MINTZ, SAGY PUNDAK, US
[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US
[85] 2013-02-28
[86] 2011-09-01 (PCT/US2011/050111)
[87] (WO2012/050679)
[30] US (12/895,419) 2010-09-30

[11] **2,810,590**
[13] C
[51] **Int.Cl. C08B 37/08 (2006.01) A61K 31/715 (2006.01) A61K 47/36 (2006.01) A61P 41/00 (2006.01) C07K 1/107 (2006.01) C07K 2/00 (2006.01) C08B 37/00 (2006.01) C08F 8/34 (2006.01) C08G 85/00 (2006.01) C08J 3/075 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **MERCAPTO-MODIFIED BIOCOMPATIBLE MACROMOLECULE DERIVATIVES WITH LOW DEGREE OF MERCAPTO-MODIFICATION AND THE CROSS-LINKED MATERIALS AND USES THEREOF**
[54] **UTILISATION DE COMPOSITION COMPRENANT DES ACIDES BILIAIRES, DES SELS ET DES SEMBLABLES DE CEUX-CI POUR LE TRAITEMENT DE L'OBESITE OU DU DIABETE**
[72] SHU, XIAOZHENG, CN
[72] ZHONG, WEIPING, CN
[72] WANG, YUNYUN, CN
[72] YU, MEIXIA, CN
[73] BIOREGEN BIOMEDICAL(CHANGZHOU) CO., LTD., CN
[85] 2013-03-06
[86] 2011-08-04 (PCT/CN2011/077985)
[87] (WO2012/031515)
[30] CN (201010277374.X) 2010-09-09

[11] **2,812,314**
[13] C
[51] **Int.Cl. F02M 37/22 (2006.01) B01D 36/00 (2006.01)**
[25] EN
[54] **FILTER SYSTEM WITH FUEL-WATER SEPARATOR**
[54] **SYSTEME DE FILTRE AVEC SEPARATEUR COMBUSTIBLE-EAU**
[72] RIES, JEFFREY R., US
[72] SALVADOR, CHRISTOPHER J., US
[72] HEIBENTHAL, RANDALL W., US
[72] DEEDRICH, DENNIS M., US
[72] EISENMENGER, RICHARD J., US
[73] CATERPILLAR INC., US
[73] ADVANCED FILTRATION SYSTEMS, INC., US
[85] 2013-03-21
[86] 2011-09-30 (PCT/US2011/054127)
[87] (WO2012/044884)
[30] US (61/389,045) 2010-10-01
[30] US (13/230,241) 2011-09-12

[11] **2,812,839**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 48/16 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DISCOVER NETWORK CAPABILITIES AVAILABLE VIA WIRELESS NETWORKS**
[54] **PROCEDES ET APPAREIL POUR LA DETERMINATION DES CAPACITES RESEAU DISPONIBLES PAR L'INTERMEDIAIRE DE RESEAUX SANS FIL**
[72] MONTEMURRO, MICHAEL, CA
[72] MCCANN, STEPHEN, GB
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-27
[86] 2011-02-14 (PCT/EP2011/052157)
[87] (WO2012/041532)
[30] US (12/893,835) 2010-09-29

[11] **2,813,403**
[13] C
[51] **Int.Cl. A61B 34/30 (2016.01) A61B 34/37 (2016.01)**
[25] EN
[54] **SURGICAL ROBOT, INSTRUMENT MANIPULATOR, COMBINATION OF AN OPERATING TABLE AND A SURGICAL ROBOT, AND MASTER-SLAVE OPERATING SYSTEM**
[54] **ROBOT CHIRURGICAL, MANIPULATEUR D'INSTRUMENT, COMBINAISON DE TABLE D'OPERATION ET DE ROBOT CHIRURGICAL, ET SYSTEME D'EXPLOITATION MAITRE-ESCLAVE**
[72] MEENINK, HILDEBERT CHRISTIAAN MATTHIJS, NL
[73] TECHNISCHE UNIVERSITEIT EINDHOVEN, NL
[85] 2013-04-02
[86] 2010-10-01 (PCT/NL2010/050641)
[87] (WO2011/040813)
[30] NL (1037348) 2009-10-02

[11] **2,813,460**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **EXTRACTION DEVICE AND SEALING SYSTEM**
[54] **APPAREIL D'EXTRACTION ET SYSTEME D'ETANCHEITE**
[72] DEUBER, LOUIS, CH
[73] QBO COFFEE GMBH, CH
[85] 2013-04-03
[86] 2010-10-08 (PCT/CH2010/000249)
[87] (WO2012/045184)

[11] **2,814,418**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **PROTECTION OF PRIVACY IN CONNECTION WITH SHIPMENT OF PRODUCTS**
[54] **PROTECTION DE LA CONFIDENTIALITE LORS DE L'EXPEDITION DE PRODUITS**
[72] SHAKES, JONATHAN J., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-04-10
[86] 2011-11-22 (PCT/US2011/061780)
[87] (WO2012/078354)
[30] CN (201010587160.2) 2010-12-07
[30] US (12/975,888) 2010-12-22

[11] **2,815,201**
[13] C
[51] **Int.Cl. A62B 7/00 (2006.01)**
[25] EN
[54] **BREATHING AIR PRODUCTION AND FILTRATION SYSTEM**
[54] **SYSTEME DE PRODUCTION ET DE FILTRATION D'AIR RESPIRABLE**
[72] ROBERTS, RICK, US
[73] TOTAL SAFETY U.S., INC., US
[85] 2013-04-18
[86] 2011-10-19 (PCT/US2011/056927)
[87] (WO2012/054634)
[30] US (61/394,703) 2010-10-19

[11] **2,815,849**
[13] C
[51] **Int.Cl. B05B 1/14 (2006.01) A47K 3/28 (2006.01) E03C 1/08 (2006.01)**
[25] EN
[54] **BODY SPRAY WITH EXTENDING SPRAYHEAD**
[54] **PULVERISATEUR POUR LE CORPS AVEC TETE DE PULVERISATION D'EXTENSION**
[72] HUFFINGTON, TODD ANDREW, US
[72] MARTY, GARRY ROBIN, US
[72] PATTON, PAUL, US
[72] GENORD, DANIEL STEVEN, US
[73] DELTA FAUCET COMPANY, US
[86] (2815849)
[87] (2815849)
[22] 2013-05-13
[30] US (13/481,103) 2012-05-25

---

[11] **2,816,252**
[13] C
[51] **Int.Cl. H04W 24/08 (2009.01) H04W 52/26 (2009.01)**
[25] EN
[54] **APPARATUS AND ASSOCIATED METHOD FOR PROVIDING COMMUNICATION BANDWIDTH IN COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE ASSOCIE VISANT A FOURNIR UNE LARGEUR DE BANDE DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION**
[72] SEXTON, THOMAS, US
[72] DHAKAL, SAGAR, US
[72] LUSINA, PAUL JAMES, CA
[73] BLACKBERRY LIMITED, CA
[86] (2816252)
[87] (2816252)
[22] 2013-05-21
[30] US (13/531,250) 2012-06-22

---

[11] **2,816,320**
[13] C
[51] **Int.Cl. C22C 9/04 (2006.01) C22F 1/08 (2006.01)**
[25] EN
[54] **LOW LEAD INGOT**
[54] **LINGOT A FAIBLE TENEUR EN PLOMB**
[72] SAHOO, MAHI, CA
[72] MURRAY, MICHAEL, US
[73] SLOAN VALVE COMPANY, US
[85] 2013-04-26
[86] 2011-10-28 (PCT/US2011/058448)
[87] (WO2012/058628)
[30] US (61/408,518) 2010-10-29
[30] US (61/410,752) 2010-11-05
[30] US (61/451,476) 2011-03-10

---

[11] **2,818,005**
[13] C
[51] **Int.Cl. A61B 5/0408 (2006.01)**
[25] EN
[54] **SENSOR FOR ACQUIRING PHYSIOLOGICAL SIGNALS**
[54] **CAPTEUR PERMETTANT L'ACQUISITION DE SIGNAUX PHYSIOLOGIQUES**
[72] MACIA BARBER, AGUSTIN, ES
[72] LLORCA JUAN, DANIEL, IT
[73] SMART SOLUTIONS TECHNOLOGIES, S.L., ES
[85] 2013-05-15
[86] 2011-11-16 (PCT/EP2011/070296)
[87] (WO2012/066056)
[30] EP (10191590.8) 2010-11-17
[30] US (61/427,864) 2010-12-29

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[11] **2,818,208**
[13] C
[51] **Int.Cl. F23D 14/04 (2006.01) F24H 1/00 (2006.01)**
[25] EN
[54] **LOW NOX BURNER FOR A WATER HEATER**
[54] **BRULEUR A FAIBLES EMISSIONS DE NOX POUR UN CHAUFFE-EAU**
[72] CHENG, YONGHUA, CA
[72] DOU, LILIANG, CN
[72] CHANASYK, LARRY, CA
[72] BI, DAYAN, CN
[72] MA, HONGFEI, CN
[73] A. O. SMITH CORPORATION, US
[85] 2013-05-16
[86] 2010-12-01 (PCT/CN2010/079314)
[87] (WO2012/071713)

---

[11] **2,818,390**
[13] C
[51] **Int.Cl. C12Q 1/04 (2006.01) C12N 5/07 (2010.01) G01N 1/28 (2006.01)**
[25] EN
[54] **SORTING OF ADHERENT CELLS BY SELECTIVE TRANSFORMATION OF LABELS**
[54] **TRIAGE DES CELLULES ADHERENTES PAR TRANSFORMATION SELECTIVES DES ETIQUETTES**
[72] ARCHER, ROBERT M., US
[72] HSIUNG, FRANK, US
[72] PATT, PAUL, US
[73] BIO-RAD LABORATORIES, INC., US
[85] 2013-05-16
[86] 2011-11-18 (PCT/US2011/061425)
[87] (WO2012/071275)
[30] US (61/416,012) 2010-11-22

---

[11] **2,819,016**
[13] C
[51] **Int.Cl. H04N 5/225 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING DEVICE**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE DISPOSITIF**
[72] EUN, DONG-JIN, KR
[72] KIM, HARK-JOON, KR
[72] KANG, SEONG-HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-05-24
[86] 2011-10-14 (PCT/KR2011/007646)
[87] (WO2012/099315)
[30] KR (10-2011-0005987) 2011-01-20

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[11] **2,819,674**
[13] C
[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/65 (2014.01)**
[25] EN
[54] **VIDEO ENCODING APPARATUS, VIDEO DECODING APPARATUS, VIDEO ENCODING METHOD, AND VIDEO DECODING METHOD**
[54] **APPAREIL DE CODAGE VIDEO, APPAREIL DE DECODAGE VIDEO, PROCEDE DE CODAGE VIDEO ET PROCEDE DE DECODAGE VIDEO**
[72] KAZUI, KIMIHIKO, JP
[72] SHIMADA, SATOSHI, JP
[72] KOYAMA, JUNPEI, JP
[73] FUJITSU LIMITED, JP
[86] (2819674)
[87] (2819674)
[22] 2013-06-28
[30] JP (2012-148849) 2012-07-02

[11] **2,821,103**
[13] C
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/06 (2012.01) G06F 15/18 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ADAPTIVE FORECAST OF WIND RESOURCES**
[54] **PROCEDE ET SYSTEME DE PREDICTION ADAPTATIVE DES RESSOURCES EOLIENNES**
[72] PADULLAPARTHI, VENKATA RAMAKRISHNA, IN
[72] SAGAR, KURANDWAD, IN
[72] THIAGARAJAN, GEETHA, IN
[72] SIVASUBRAMANIAM, ANAND, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[86] (2821103)
[87] (2821103)
[22] 2013-07-16
[30] IN (2092/MUM/2012) 2012-07-20

[11] **2,821,241**
[13] C
[51] **Int.Cl. C10G 1/06 (2006.01)**
[25] EN
[54] **PHOSPHORUS RECOVERY FROM HYDROTHERMAL TREATMENT OF BIOMASS**
[54] **RECUPERATION DE PHOSPHORE A PARTIR D'UN TRAITEMENT HYDROTHERMAL D'UNE BIOMASSE**
[72] OLDENBURG, PAUL D., US
[72] BIELENBERG, JAMES R., US
[72] ROBERTS, VIRGINIA M., US
[72] OUMAR-MAHAMAT, HALOU, US
[72] DOMAILLE, PETER J., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2013-06-11
[86] 2011-11-30 (PCT/US2011/062608)
[87] (WO2012/082377)
[30] US (61/422,455) 2010-12-13
[30] US (13/285,691) 2011-10-31

[11] **2,821,300**
[13] C
[51] **Int.Cl. G21C 17/00 (2006.01)**
[25] EN
[54] **TOP GUIDE INSPECTION FIXTURE**
[54] **APPAREIL D'INSPECTION DE GUIDE SUPERIEUR**
[72] CARBONELL, JOHN R., US
[72] OSTRANDER, KRISTOFFER V., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2013-06-11
[86] 2011-11-09 (PCT/US2011/059852)
[87] (WO2012/082263)
[30] US (12/965,966) 2010-12-13

[11] **2,821,364**
[13] C
[51] **Int.Cl. A21D 2/16 (2006.01) A21D 2/26 (2006.01) A23D 7/005 (2006.01) A23D 7/04 (2006.01) A23D 9/007 (2006.01) A23D 9/04 (2006.01)**
[25] EN
[54] **USE OF ENCAPSULATED OIL IN DOUGH PREPARATION**
[54] **UTILISATION D'HUILE ENCAPSULEE DANS LA PREPARATION D'UNE PATE**
[72] ARFSTEN, JUDITH, CH
[72] BETZ, REINHOLD, DE
[72] MEZZENGA, RAFFAELE, CH
[72] ULRICH, STEPHANE, CH
[72] SAVIN, GABRIELA, FR
[72] VALLES PAMIES, BALTASAR, IT
[73] NESTEC S.A., CH
[85] 2013-05-29
[86] 2011-12-23 (PCT/EP2011/073952)
[87] (WO2012/089666)
[30] EP (10197247.9) 2010-12-29

[11] **2,821,464**
[13] C
[51] **Int.Cl. A41C 5/00 (2006.01) A41C 3/10 (2006.01) A41C 3/14 (2006.01)**
[25] EN
[54] **BREAST FORM WITH UNDERWIRE AND METHOD OF MANUFACTURING THEREOF**
[54] **FORME DE SEIN AVEC ARMATURE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] CHEN, DENNIS H., US
[73] BRAGEL INTERNATIONAL, INC., US
[86] (2821464)
[87] (2821464)
[22] 2013-07-18
[30] US (13/918,757) 2013-06-14

[11] **2,822,165**
[13] C
[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/64 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **THRUST REVERSERS AND METHODS TO PROVIDE REVERSE THRUST**
[54] **INVERSEURS DE POUSSEE ET METHODES POUR FOURNIR UNE INVERSION DE POUSSEE**
[72] ACHESON, KURT ERIK, US
[72] CHUCK, CHEN, US
[73] THE BOEING COMPANY, US
[86] (2822165)
[87] (2822165)
[22] 2013-07-25
[30] US (13/665,596) 2012-10-31

---

[11] **2,822,739**
[13] C
[51] **Int.Cl. B01D 11/00 (2006.01) B01J 37/03 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01) C09K 21/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING FLUORINE SUBSTITUTED OLEFINS**
[54] **COMPOSITIONS CONTENANT DES OLEFINES A SUBSTITUTION FLUOR**
[72] SINGH, RAJIV R., US
[72] PHAM, HANG T., US
[72] WILSON, DAVID P., US
[72] THOMAS, RAYMOND H., US
[72] SPATZ, MARK W., US
[72] METCALF, DAVID A., US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2822739)
[87] (2822739)
[22] 2006-06-26
[62] 2,612,986
[30] US (60/693,853) 2005-06-24
[30] US (11/475,605) 2006-06-26

---

[11] **2,823,121**
[13] C
[51] **Int.Cl. G01N 23/04 (2006.01)**
[25] EN
[54] **SCANNING DEVICE AND METHOD FOR BACK-SCATTER IMAGING WITH A RADIATION BEAM**
[54] **DISPOSITIF ET PROCEDE POUR BALAYAGE DE FAISCEAU DE RAYONNEMENT POUR REALISATION D'IMAGE DE RETRO-DISPERSION**
[72] CHEN, ZHIQIANG, CN
[72] LI, YUANJING, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] WU, WANLONG, CN
[72] ZHANG, LI, CN
[72] TU, CHAO, CN
[72] TANG, LE, CN
[72] JIN, YINGKANG, CN
[72] CAO, SHUO, CN
[72] DING, GUANGWEI, CN
[73] NUCTECH COMPANY LIMITED, CN
[73] TSINGHUA UNIVERSITY, CN
[85] 2013-06-26
[86] 2011-04-28 (PCT/CN2011/073474)
[87] (WO2012/088810)
[30] CN (201010624252.3) 2010-12-31

---

[11] **2,823,355**
[13] C
[51] **Int.Cl. A61L 29/16 (2006.01) A61L 29/08 (2006.01) A61M 31/00 (2006.01) A61K 31/436 (2006.01)**
[25] EN
[54] **NANOPARTICLE AND SURFACE-MODIFIED PARTICULATE COATINGS, COATED BALLOONS, AND METHODS THEREFORE**
[54] **NANOPARTICULES ET REVETEMENTS PARTICULAIRES MODIFIES EN SURFACE, BALLONNETS REVETUS ET PROCEDES ASSOCIES**
[72] MCCLAIN, JAMES B., US
[72] TAYLOR, CHARLES DOUGLAS, US
[72] ZANI, BRETT G., US
[72] KIORPES, TIMOTHY CHARLES, US
[73] MICELL TECHNOLOGIES, INC., US
[85] 2013-06-27
[86] 2011-12-29 (PCT/US2011/067921)
[87] (WO2012/092504)
[30] US (61/428,785) 2010-12-30

---

[11] **2,825,153**
[13] C
[51] **Int.Cl. G06F 21/12 (2013.01) G06F 9/455 (2006.01)**
[25] EN
[54] **STRONG RIGHTS MANAGEMENT FOR COMPUTING APPLICATION FUNCTIONALITY**
[54] **GESTION RIGOUREUSE DE DROITS POUR FONCTIONNALITE D'APPLICATION INFORMATIQUE**
[72] BROOKER, MARC J., US
[72] BROWN, DAVID, US
[72] DE KADT, CHRISTOPHER RICHARD JAQUES, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-07-17
[86] 2012-03-22 (PCT/US2012/030130)
[87] (WO2012/129409)
[30] US (13/069,271) 2011-03-22

---

[11] **2,825,277**
[13] C
[51] **Int.Cl. A42B 3/28 (2006.01)**
[25] EN
[54] **SURGICAL HELMET**
[54] **CASQUE CHIRURGICAL**
[72] ROSATI, GIORGIO, IT
[72] VAGLIVIELLO, MARCO, AT
[72] KOGLER, FRANZ, AT
[72] TRIPOLT, STEFAN, AT
[73] T.H.I. TOTAL HEALTHCARE INNOVATION GMBH, AT
[85] 2013-07-19
[86] 2011-02-14 (PCT/IT2011/000036)
[87] (WO2012/111030)

[11] **2,825,475**
[13] C
[51] **Int.Cl. C07D 213/84 (2006.01) C07D 213/79 (2006.01) C07D 213/803 (2006.01) C07D 213/81 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 4-AMINO-3-CHLORO-5-FLUORO-6-(SUBSTITUTED)PICOLINATES**
[54] **PROCEDE DE PREPARATION DE 4-AMINO-3-CHLORO-5-FLUORO-6-PICOLINATES(SUBST ITUES)**
[72] ARNDT, KIM E., US
[72] RENGA, JAMES M., US
[72] ZHU, YUANMING, US
[72] WHITEKER, GREGORY T., US
[72] LOWE, CHRISTIAN T., US
[73] DOW AGROSCIENCES LLC, US
[85] 2013-07-23
[86] 2012-01-24 (PCT/US2012/022285)
[87] (WO2012/103041)
[30] US (61/435,966) 2011-01-25

---

[11] **2,826,169**
[13] C
[51] **Int.Cl. G06F 3/02 (2006.01) B41J 5/00 (2006.01)**
[25] EN
[54] **KEYPAD**
[54] **CLAVIER**
[72] LAMBIE, JOHN, AU
[73] IDEATRON PTY LTD, AU
[85] 2013-07-31
[86] 2012-02-10 (PCT/AU2012/000134)
[87] (WO2012/106776)
[30] AU (2011900452) 2011-02-11

---

[11] **2,826,266**
[13] C
[51] **Int.Cl. G01N 33/38 (2006.01) B07B 1/00 (2006.01) G01N 15/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ANALYZING AGGREGATE**
[54] **APPAREIL ET PROCEDE D'ANALYSE D'AGREGAT**
[72] PRESBY, DAVID W., US
[73] PRESBY PATENT TRUST, US
[85] 2013-07-31
[86] 2012-02-07 (PCT/US2012/024129)
[87] (WO2012/109230)
[30] US (61/440,098) 2011-02-07

---

[11] **2,826,949**
[13] C
[51] **Int.Cl. G03B 15/03 (2006.01)**
[25] EN
[54] **A LENS FOR A CAMERA**
[54] **LENTILLE POUR APPAREIL PHOTO**
[72] KUDRNA, PAUL JOHN, US
[73] BLACKBERRY LIMITED, CA
[86] (2826949)
[87] (2826949)
[22] 2013-09-13
[30] US (13/622,834) 2012-09-19

---

[11] **2,828,057**
[13] C
[51] **Int.Cl. H03M 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR USING A SENSOR SYSTEM HAVING A SINGLE-BIT QUANTIZER AND A MULTI-BIT FEEDBACK LOOP**
[54] **PROCEDE QUI PERMET D'UTILISER UN SYSTEME DE DETECTION COMPRENANT UN QUANTIFICATEUR A UN SEUL BIT ET UNE BOUCLE DE RETROACTION A PLUSIEURS BITS**
[72] HAASL, SJOERD, SE
[72] HEDENSTIERNA, NILS, SE
[72] ANDERSSON, GERT, SE
[72] WESTBERG, DAVID, SE
[72] CARLSSON, MATS, SE
[73] PGS GEOPHYSICAL AS, NO
[85] 2013-08-22
[86] 2012-03-01 (PCT/EP2012/053552)
[87] (WO2012/119922)
[30] US (61/451,144) 2011-03-10
[30] US (13/366,937) 2012-02-06

---

[11] **2,828,760**
[13] C
[51] **Int.Cl. H04N 19/40 (2014.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SELECTIVELY TRANSCODING SIGNAL FROM ONE FORMAT TO ONE OF PLURALITY OF FORMATS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRANSCODER SELECTIVEMENT UN SIGNAL D'UN FORMAT A UN AUTRE FORMAT PARMI UNE PLURALITE DE FORMATS**
[72] SCHAFFER, MARK L., US
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
[85] 2013-05-13
[86] 2011-10-27 (PCT/US2011/058069)
[87] (WO2012/067783)
[30] US (12/948,264) 2010-11-17

---

[11] **2,828,875**
[13] C
[51] **Int.Cl. F28D 7/16 (2006.01) F25B 39/02 (2006.01)**
[25] EN
[54] **REBOILER**
[54] **REBOUILLEUR**
[72] KONDO, YOSHIYUKI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] KAMIJO, TAKASHI, JP
[72] MIYAMOTO, OSAMU, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2013-08-30
[86] 2011-11-29 (PCT/JP2011/077491)
[87] (WO2012/132113)
[30] JP (2011-074664) 2011-03-30

[11] **2,828,970**
[13] C
[51] **Int.Cl. G01N 15/08 (2006.01)**
[25] EN
[54] **SAMPLE CONTAINMENT APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR RETENIR UN ECHANTILLON**
[72] MAUCEC, MARKO, US
[72] DUSTERHOFT, RONALD G., US
[72] GIBSON, RONALD A., US
[72] RICKMAN, RICHARD D., US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2013-09-03
[86] 2011-12-12 (PCT/US2011/064445)
[87] (WO2012/121768)
[30] US (13/040,396) 2011-03-04

[11] **2,829,159**
[13] C
[51] **Int.Cl. A23L 33/21 (2016.01) A61K 31/715 (2006.01) A61K 36/03 (2006.01) A61K 36/23 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01)**
[25] FR
[54] **NUTRACEUTICAL COMPOSITION FOR LIMITING THE ABSORPTION OF DIETARY LIPIDS AND FOR INDUCING WEIGHT LOSS, COMPRISING, AS ACTIVE AGENT, AT LEAST ONE EXTRACT OF CARROT**
[54] **COMPOSITION NUTRACEUTIQUE POUR LIMITER L'ABSORPTION DE LIPIDES ALIMENTAIRES ET POUR INDUIRE UNE PERTE DE POIDS COMPRENANT COMME AGENT ACTIF AU MOINS UN EXTRAIT DE CAROTTE**
[72] DIDDEN, LAURENT, FR
[73] LAB ATTITUDE, FR
[85] 2013-09-05
[86] 2012-03-07 (PCT/FR2012/050472)
[87] (WO2012/120236)
[30] FR (1151890) 2011-03-08

[11] **2,829,674**
[13] C
[51] **Int.Cl. A63H 27/10 (2006.01)**
[25] EN
[54] **ILLUMINATED BALLOON**
[54] **BALLON ECLAIRE**
[72] HALLIBURTON, JAMES, GB
[72] RHOADES, TONY, GB
[72] TISDALL, SEAN, GB
[72] BISHOP, JAMES, GB
[73] SEATRIEVER INTERNATIONAL HOLDINGS LIMITED, GB
[85] 2013-09-10
[86] 2012-03-15 (PCT/GB2012/050568)
[87] (WO2012/123747)
[30] GB (1104442.7) 2011-03-16

[11] **2,829,676**
[13] C
[51] **Int.Cl. C07D 263/16 (2006.01) A61K 31/421 (2006.01) A61P 3/06 (2006.01) A61P 9/00 (2006.01) C07D 263/22 (2006.01) C07D 413/06 (2006.01) C07D 413/08 (2006.01) C07D 413/10 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **CYCLOALKENYL ARYL DERIVATIVES FOR CETP INHIBITOR**
[54] **DERIVES CYCLOALCENYL ARYLE POUR UN INHIBITEUR DE LA PROTEINE DE TRANSFERT DU CHOLESTEROL ESTERIFIE (CETP)**
[72] LEE, SEOHEE, KR
[72] OH, JUNGTAEK, KR
[72] LEE, JAEKWANG, KR
[72] LEE, JAEWON, KR
[72] BAE, SUYEAL, KR
[72] HA, NINA, KR
[72] LEE, SERA, KR
[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2013-09-06
[86] 2012-04-12 (PCT/KR2012/002739)
[87] (WO2012/141487)
[30] KR (10-2011-0033943) 2011-04-12

[11] **2,830,590**
[13] C
[51] **Int.Cl. B62K 5/08 (2006.01)**
[25] EN
[54] **THREE WHEELED VEHICLE**
[54] **VEHICULE A TROIS ROUES**
[72] HOLROYD, JAMES A.J., US
[72] ZILIAK, MARK ALAN, US
[72] ARAMAYO, GUSTAVO A., US
[72] WIEST, MATHEW BRADLEY, US
[72] UTTER, BRIAN T., US
[72] BENNETT, JEFFREY D., US
[72] HOHENSTEIN, JASON J., US
[72] TOMOLILLO, VITTORIO, US
[72] GASS, DONALD BRETT, DE
[73] POLARIS INDUSTRIES INC., US
[85] 2013-09-18
[86] 2012-03-21 (PCT/US2012/029926)
[87] (WO2012/129294)
[30] US (61/454,911) 2011-03-21

[11] **2,831,056**
[13] C
[51] **Int.Cl. E21B 47/007 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING THE MOMENTS AND FORCES OF TWO CONCENTRIC PIPES WITHIN A WELLBORE**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER LES MOMENTS ET FORCES DE DEUX TUYAUX CONCENTRIQUES A L'INTERIEUR D'UN PUITS DE FORAGE**
[72] MITCHELL, ROBERT FRANKLIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2013-10-04
[86] 2011-06-24 (PCT/US2011/041867)
[87] (WO2012/177264)

[11] **2,831,840**
[13] C
[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **NAVIGATION AND POSITIONING SYSTEMS AND GUIDE INSTRUMENTS FOR JOINT REPAIR**
[54] **SYSTEMES DE NAVIGATION ET DE POSITIONNEMENT ET INSTRUMENTS DE GUIDAGE POUR LA REPARATION D'ARTICULATIONS**
[72] HANSON, SHAUN B., US
[72] MANDEEN, CHRISTOPHER D., US
[72] CARROLL, JAMIE A., US
[72] NICHOLS, DAVID L., US
[73] ZIMMER KNEE CREATIONS, INC., US
[85] 2013-08-21
[86] 2012-02-22 (PCT/US2012/026159)
[87] (WO2012/116089)
[30] US (61/445,304) 2011-02-22

[11] **2,833,184**
[13] C
[51] **Int.Cl. G01C 15/02 (2006.01) B64C 39/02 (2006.01) G01S 19/14 (2010.01) G01S 13/08 (2006.01) G05D 1/12 (2006.01)**
[25] EN
[54] **GEODETIC MARKING SYSTEM FOR MARKING TARGET POINTS**
[54] **SYSTEME DE MARQUAGE GEODESIQUE POUR LE MARQUAGE DE POINTS DE MIRE**
[72] METZLER, BERNHARD, AT
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2013-10-15
[86] 2012-04-13 (PCT/EP2012/056757)
[87] (WO2012/140188)
[30] EP (11162509.1) 2011-04-14

[11] **2,834,064**
[13] C
[51] **Int.Cl. G01R 31/02 (2006.01) G01R 15/18 (2006.01) G01R 19/00 (2006.01) G01W 1/00 (2006.01) H02H 3/18 (2006.01) H02G 7/00 (2006.01)**
[25] EN
[54] **PORTABLE SELF POWERED LINE MOUNTABLE ELECTRIC POWER LINE CURRENT MONITORING TRANSMITTING AND RECEIVING SYSTEM**
[54] **LIGNE D'ALIMENTATION ELECTRIQUE INSTALLABLE SUR UNE LIGNE AUTO-ALIMENTEE PORTATIVE ET SYSTEME D'EMISSION ET DE RECEPTION DE SURVEILLANCE DE COURANT**
[72] DAVIS, MURRAY W., US
[73] DAVIS, MURRAY W., US
[86] (2834064)
[87] (2834064)
[22] 2013-11-18
[30] US (61/740,517) 2012-12-21
[30] US (14/059,483) 2013-10-22

[11] **2,834,249**
[13] C
[51] **Int.Cl. H04N 19/593 (2014.01)**
[25] EN
[54] **INTRA-PREDICTION METHOD, AND ENCODER AND DECODER USING SAME**
[54] **PROCEDE DE PREDICTION INTRA, ET CODEUR ET DECODEUR L'UTILISANT**
[72] PARK, JOONYOUNG, KR
[72] PARK, SEUNGWOOK, KR
[72] LIM, JAEHYUN, KR
[72] KIM, JUNGSUN, KR
[72] CHOI, YOUNGHEE, KR
[72] JEON, BYEONGMOON, KR
[72] JEON, YONGJOON, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-10-24
[86] 2012-04-20 (PCT/KR2012/003093)
[87] (WO2012/148138)
[30] US (61/478,912) 2011-04-25

[11] **2,835,382**
[13] C
[51] **Int.Cl. H01M 4/58 (2010.01) H01M 4/136 (2010.01) H01M 10/0585 (2010.01) H01M 2/02 (2006.01)**
[25] EN
[54] **CATHODE ACTIVE MATERIAL CONTAINING LITHIUM AND HAVING TRANSITION METAL OXIDE, CATHODE CONTAINING LITHIUM AND HAVING TRANSITION METAL OXIDE, AND NONAQUEOUS SECONDARY BATTERY CONTAINING LITHIUM AND HAVING TRANSITION METAL OXIDE**
[54] **MATERIAU CATHODE ACTIF CONTENANT DU LITHIUM ET COMPORTANT UN OXYDE METALLIQUE DE TRANSITION, CATHODE CONTENANT DU LITHIUM ET COMPORTANT UN OXYDE METALLIQUE DE TRANSITION ET BATTERIE SECONDAIRE NON AQUEUSE CONTENANT DU LITHIUM ET COMPORTANT UN OXYDE METALLIQUE DE TRANSITION**
[72] OHIRA, KOJI, JP
[72] NISHIJIMA, MOTOAKI, JP
[72] SUEKI, TOSHITSUGU, JP
[72] ESAKI, SHOGO, JP
[72] TANAKA, ISAO, JP
[72] KOYAMA, YUKINORI, JP
[72] TANAKA, KATSUHISA, JP
[72] FUJITA, KOJI, JP
[72] MURAI, SHUNSUKE, JP
[73] SHARP KABUSHIKI KAISHA, JP
[86] (2835382)
[87] (2835382)
[22] 2010-05-20
[62] 2,762,142
[30] JP (2009-124647) 2009-05-22

[11] **2,837,164**
[13] C
[51] **Int.Cl. G01K 11/12 (2006.01) H01L 21/205 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING TEMPERATURE OF SEMICONDUCTOR LAYER**
[54] **PROCEDE ET APPAREIL DE MESURE DE LA TEMPERATURE D'UNE COUCHE SEMI-CONDUCTRICE**
[72] LACROIX, YVES, JP
[73] YSYSTEMS LTD., JP
[85] 2013-11-22
[86] 2011-08-02 (PCT/JP2011/067678)
[87] (WO2013/018197)

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[11] **2,837,369**
[13] C
[51] **Int.Cl. H04W 4/08 (2009.01)**
[25] EN
[54] **GROUP ID AND QOS GROUP IDENTIFICATION FOR STREAM MULTIPLEXING IN MULTICAST AND BROADCAST SYSTEMS**
[54] **IDENTIFICATEUR DE GROUPE ET IDENTIFICATION DE GROUPE QOS POUR MULTIPLEXAGE DE FLUX DANS SYSTEMES DE DIFFUSION GROUPEE ET GENERALE**
[72] GHOLMIEH, RALPH A., US
[72] NAIK, NAGARAJU, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-11-26
[86] 2012-05-08 (PCT/US2012/036971)
[87] (WO2012/166306)
[30] US (61/491,030) 2011-05-27
[30] US (13/436,367) 2012-03-30

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[11] **2,838,858**
[13] C
[51] **Int.Cl. F04C 2/40 (2006.01) F01C 1/40 (2006.01) F03C 2/30 (2006.01) F04C 18/40 (2006.01)**
[25] EN
[54] **ROTARY FLUID MACHINE**
[54] **MACHINE ROTATIVE A FLUIDE**
[72] WHEELER, DARYL, AU
[72] ERWIN, JUSTIN WADE, US
[72] BURNS, TIMOTHY DONALD, SR., US
[73] GREYSTONE TECHNOLOGIES PTY LTD, AU
[85] 2013-12-10
[86] 2012-07-06 (PCT/AU2012/000822)
[87] (WO2013/006902)
[30] US (61/505,625) 2011-07-08
[30] US (61/608,844) 2012-03-09

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[11] **2,839,460**
[13] C
[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/10 (2006.01) A61M 1/28 (2006.01) A61M 39/00 (2006.01) A61M 39/10 (2006.01) A61M 39/24 (2006.01) B01D 61/28 (2006.01) B01D 61/30 (2006.01) B65D 30/24 (2006.01)**
[25] EN
[54] **MULTI-CONTAINER SYSTEMS AND USES THEREOF**
[54] **SYSTEMES MULTI-CONTENEURS ET UTILISATIONS DE CEUX-CI**
[72] LO, RICHARD W.C., CA
[72] WU, GEORGE, CA
[72] TAM, PAUL, CA
[73] LO, RICHARD W.C., CA
[73] WU, GEORGE, CA
[73] TAM, PAUL, CA
[85] 2013-12-16
[86] 2012-06-22 (PCT/CA2012/000611)
[87] (WO2012/174652)
[30] US (61/500,927) 2011-06-24

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[11] **2,840,080**
[13] C
[51] **Int.Cl. H05H 13/00 (2006.01)**
[25] EN
[54] **COMPACT, COLD, SUPERCONDUCTING ISOCHRONOUS CYCLOTRON**
[54] **CYCLOTRON ISOCHRONE COMPACT, FROID ET SUPRACONDUCTEUR**
[72] ANTAYA, TIMOTHY, US
[73] IONETIX CORPORATION, US
[85] 2013-12-19
[86] 2011-07-10 (PCT/US2011/043483)
[87] (WO2013/006182)
[30] US (13/178,421) 2011-07-07

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[11] **2,841,736**
[13] C
[51] **Int.Cl. B41J 2/175 (2006.01) B41J 2/045 (2006.01)**
[25] EN
[54] **FLUID EJECTION DEVICES AND METHODS THEREOF**
[54] **DISPOSITIFS D'EJECTION DE FLUIDE ET PROCEDES ASSOCIES**
[72] VAN BROCKLIN, ANDREW L., US
[72] GHOZEIL, ADAM L., US
[72] ANDERSON, DARYL E., US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2014-01-14
[86] 2011-10-24 (PCT/US2011/057506)
[87] (WO2013/062516)

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[11] **2,841,854**
[13] C
[51] **Int.Cl. A22C 7/00 (2006.01)**
[25] EN
[54] **FOOD FORMING APPARATUS WITH A FOOD FEED MEMBER**
[54] **APPAREIL DE FORMATION D'ALIMENTS A ELEMENT DE DISTRIBUTION D'ALIMENTS**
[72] RIGHOLT, HENDRIK JAN, NL
[72] VAN GERWEN, HENDRIKUS PETRUS GERARDUS, NL
[73] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2014-01-09
[86] 2012-07-13 (PCT/EP2012/063840)
[87] (WO2013/014010)
[30] EP (11006069.6) 2011-07-25
[30] EP (11008633.7) 2011-10-27
[30] EP (12001945.0) 2012-03-20

[11] **2,842,295**
[13] C
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **APPARATUS FOR HEATING A HYDROCARBON RESOURCE IN A SUBTERRANEAN FORMATION PROVIDING AN ADJUSTABLE LIQUID COOLANT AND RELATED METHODS**
[54] **APPAREIL DE CHAUFFAGE D'UNE RESSOURCE D'HYDROCARBURE DANS UNE FORMATION SOUTERRAINE FOURNISSANT UN LIQUIDE FRIGORIGENE MODIFIABLE ET METHODES ASSOCIEES**
[72] DITTMER, TIM, US
[72] WRIGHT, BRIAN, US
[72] HIBNER, VERLIN A., US
[72] TRAUTMAN, MARK A., US
[73] HARRIS CORPORATION, US
[86] (2842295)
[87] (2842295)
[22] 2014-02-06

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[11] **2,842,932**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM FOR ESTIMATING POWER DATA FOR A PHOTOVOLTAIC POWER GENERATION FLEET**
[54] **SYSTEME POUR ESTIMER DES DONNEES D'ENERGIE POUR UNE FLOTTE DE GENERATION D'ENERGIE PHOTOVOLTAIQUE**
[72] HOFF, THOMAS E., US
[73] CLEAN POWER RESEARCH, L.L.C., US
[85] 2014-01-23
[86] 2012-04-06 (PCT/US2012/032623)
[87] (WO2013/015851)
[30] US (13/190,442) 2011-07-25

---

[11] **2,843,180**
[13] C
[51] **Int.Cl. C22C 38/16 (2006.01) B21B 3/00 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C23C 2/02 (2006.01) C25D 5/36 (2006.01)**
[25] EN
[54] **HIGH STRENGTH STEEL SHEET AND HIGH STRENGTH GALVANIZED STEEL SHEET EXCELLENT IN SHAPEABILITY AND METHODS OF PRODUCTION OF SAME**
[54] **FEUILLE D'ACIER PLAQUEE DE ZINC A HAUTE RESISTANCE ET FEUILLE D'ACIER A HAUTE RESISTANCE AYANT UNE APTITUDE SUPERIEURE AU MOULAGE ET SON PROCEDE DE FABRICATION**
[72] KAWATA, HIROYUKI, JP
[72] MARUYAMA, NAOKI, JP
[72] MURASATO, AKINOBU, JP
[72] MINAMI, AKINOBU, JP
[72] AZUMA, MASAFUMI, JP
[72] KUWAYAMA, TAKUYA, JP
[72] YONEMURA, SHIGERU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-01-24
[86] 2012-07-27 (PCT/JP2012/069226)
[87] (WO2013/018723)
[30] JP (2011-167816) 2011-07-29

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[11] **2,843,298**
[13] C
[51] **Int.Cl. A61L 11/00 (2006.01) B09B 3/00 (2006.01)**
[25] FR
[54] **METHOD AND APPARATUS FOR HEAT TREATMENT OF WASTE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT THERMIQUE DE DECHETS**
[72] BERAUD, CHRISTOPHE, FR
[73] BERAUD, CHRISTOPHE, FR
[85] 2014-01-24
[86] 2012-07-24 (PCT/FR2012/051753)
[87] (WO2013/014387)
[30] FR (11 56794) 2011-07-26

---

[11] **2,843,523**
[13] C
[51] **Int.Cl. B22D 41/08 (2006.01)**
[25] EN
[54] **DOUBLE ENTRY CHANNEL LADLE BOTTOM**
[54] **FOND DE POCHE A DOUBLE CANAL D'ENTREE**
[72] RICHAUD, JOHAN, FR
[72] CHUNG, WILLIAM, CA
[73] VESUVIUS CRUCIBLE COMPANY, US
[85] 2014-01-28
[86] 2012-07-25 (PCT/US2012/048068)
[87] (WO2013/043257)
[30] US (61/537,905) 2011-09-22

---

[11] **2,843,806**
[13] C
[51] **Int.Cl. A61H 31/00 (2006.01) A61B 5/053 (2006.01) A61B 5/08 (2006.01) A61N 1/39 (2006.01)**
[25] EN
[54] **IMPEDANCE MEASURING DEVICES AND METHODS FOR EMERGENCY CARDIOVASCULAR CARE**
[54] **DISPOSITIFS DE MESURE D'IMPEDANCE ET METHODES DE SOINS CARDIOVASCULAIRES D'URGENCE**
[72] FREEMAN, JENNY E., US
[72] LALLI, MICHAEL, US
[72] KARCZ, ANITA, US
[72] PANASYUK, ALEXANDER, US
[72] BOKHENIK, ROMAN, US
[72] BOCK, MALCOLM G., US
[73] RESPIRATORY MOTION, INC., US
[85] 2014-01-20
[86] 2012-07-20 (PCT/US2012/047604)
[87] (WO2013/013153)
[30] US (61/509,952) 2011-07-20

[11] **2,844,146**
[13] C
[51] **Int.Cl. F27B 3/04 (2006.01) F27D 27/00 (2010.01) C22B 7/00 (2006.01) C22B 21/00 (2006.01) F27B 3/18 (2006.01)**
[25] EN
[54] **SCRAP SUBMERGENCE SYSTEM**
[54] **SYSTEME D'IMMERSION DE DECHET**
[72] HOWITT, ROGER, US
[72] GRAYSON, JIM, US
[72] BOLTON, MARK, US
[72] BOSWORTH, PAUL, US
[73] PYROTEK, INC., US
[85] 2014-02-04
[86] 2012-07-09 (PCT/US2012/045919)
[87] (WO2013/006852)
[30] US (61/505,156) 2011-07-07
[30] US (61/625,134) 2012-04-17

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[11] **2,844,701**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 48/20 (2009.01) B60L 11/18 (2006.01)**
[25] EN
[54] **ATTENUATION LEVEL BASED ASSOCIATION IN COMMUNICATION NETWORKS**
[54] **ASSOCIATION BASEE SUR UN NIVEAU D'ATTENUATION DANS DES RESEAUX DE COMMUNICATION**
[72] NEWMAN, RICHARD ERNEST, US
[72] KATAR, SRINIVAS, US
[72] YONGE, LAWRENCE W., III., US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-07
[86] 2012-08-10 (PCT/US2012/050402)
[87] (WO2013/023164)
[30] US (61/522,184) 2011-08-10
[30] US (13/564,358) 2012-08-01

---

[11] **2,845,008**
[13] C
[51] **Int.Cl. B29C 55/06 (2006.01) A61F 13/15 (2006.01)**
[25] EN
[54] **PROCESS FOR STRETCHING A FILM WEB**
[54] **PROCEDE D'ETIREMENT D'UNE BANDE DE FILM**
[72] BORMANN, LUDWIG, DE
[72] SCHREINER, GUNTER, DE
[73] RKW SE, DE
[85] 2014-02-11
[86] 2012-08-30 (PCT/EP2012/066880)
[87] (WO2013/030290)
[30] EP (11179885.6) 2011-09-02

---

[11] **2,845,337**
[13] C
[51] **Int.Cl. A61H 15/00 (2006.01) A61H 1/02 (2006.01) A61H 37/00 (2006.01)**
[25] EN
[54] **MASSAGE AND TRACTION TABLE FOR SPINAL MASSAGE THERAPY**
[54] **TABLE DE MASSAGE ET DE TRACTION DESTINEE A LA THERAPIE PAR MASSAGE SPINAL**
[72] FITZLOFF, JEFFREY JOSEPH, ZZ
[73] FITZLOFF, JEFFREY JOSEPH, US
[86] (2845337)
[87] (2845337)
[22] 2014-03-05
[30] US (14/093,506) 2013-12-01

---

[11] **2,845,923**
[13] C
[51] **Int.Cl. H04L 1/16 (2006.01) H04L 1/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACKNOWLEDGING COMMUNICATIONS FROM A PLURALITY OF DEVICES**
[54] **SYSTEMES ET PROCEDES POUR ACCUSER RECEPTION DE COMMUNICATIONS PROVENANT D'UNE PLURALITE DE DISPOSITIFS**
[72] DANGUI, RAHUL, US
[72] MERLIN, SIMONE, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] JONES, VINCENT KNOWLES, US
[72] QUAN, ZHI, US
[72] WENTINK, MAARTEN MENZO, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-19
[86] 2012-09-04 (PCT/US2012/053614)
[87] (WO2013/033693)
[30] US (61/530,724) 2011-09-02
[30] US (13/601,002) 2012-08-31

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[11] **2,846,031**
[13] C
[51] **Int.Cl. G06K 19/077 (2006.01) G06K 17/00 (2006.01)**
[25] EN
[54] **RFID REMOTE ANTENNA SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE D'ANTENNE DISTANTE RFID**
[72] AUGUSTINOWICZ, WALT, US
[73] IDENTITY STRONGHOLD, LLC, US
[85] 2014-02-20
[86] 2012-06-26 (PCT/US2012/044106)
[87] (WO2013/028257)
[30] US (13/216,589) 2011-08-24

---

[11] **2,846,150**
[13] C
[51] **Int.Cl. B64C 27/57 (2006.01) B64C 11/34 (2006.01)**
[25] EN
[54] **VARIABLE LOWER LIMIT COLLECTIVE GOVERNOR TO IMPROVE RECOVERY**
[54] **COLLECTIF A LIMITE INFERIEURE VARIABLE AMELIORANT LA RECUPERATION**
[72] SCHAEFFER, JOSEPH M., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2846150)
[87] (2846150)
[22] 2014-03-11
[30] US (13/889,454) 2013-05-08

---

[11] **2,846,491**
[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] BOSTROM, ANDERS, SE
[72] GABRIELSSON, ELIN, SE
[73] SHL GROUP AB, SE
[85] 2014-02-25
[86] 2012-08-28 (PCT/SE2012/050908)
[87] (WO2013/032389)
[30] SE (1150788-6) 2011-08-31
[30] US (61/529,325) 2011-08-31

[11] **2,847,304**
[13] C
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/126 (2014.01) H04N 19/137 (2014.01)**
[25] EN
[54] **ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD**
[54] **PROCEDE DE CODAGE, PROCEDE DE DECODAGE, DISPOSITIF DE CODAGE ET DISPOSITIF DE DECODAGE**
[72] TANIZAWA, AKIYUKI, JP
[72] CHUJOH, TAKESHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2014-02-28
[86] 2012-06-27 (PCT/JP2012/066410)
[87] (WO2014/002217)

[11] **2,847,925**
[13] C
[51] **Int.Cl. B23C 5/08 (2006.01) B23B 27/04 (2006.01) B23B 27/08 (2006.01)**
[25] EN
[54] **CUTTING INSERT, CUTTING BODY AND CLAMPING MECHANISM OF A CUTTING TOOL ASSEMBLY FOR CHIP REMOVAL**
[54] **PLAQUETTE DE COUPE, CORPS DE COUPE ET MECANISME DE SERRAGE D'UN ENSEMBLE D'OUTILS DE COUPE POUR RETRAIT DE PUCES**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2014-03-05
[86] 2012-10-10 (PCT/IL2012/050400)
[87] (WO2013/042127)
[30] US (61/536,285) 2011-09-19

[11] **2,849,069**
[13] C
[51] **Int.Cl. G10H 1/36 (2006.01) H04N 21/214 (2011.01) H04N 21/414 (2011.01) H04N 21/80 (2011.01) G11B 31/00 (2006.01) H04N 5/262 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **DIGITAL JUKEBOX DEVICE WITH KARAOKE AND/OR PHOTO BOOTH FEATURES, AND ASSOCIATED METHODS**
[54] **JUKEBOX NUMERIQUE AVEC FONCTIONS KARAOKE ET/OU CABINE PHOTO, ET PROCEDES ASSOCIES**
[72] RIVERA, ED, US
[72] TOOKER, MICHAEL, US
[72] GUY, FRANCOIS, US
[72] BEAUMIER, FRANCOIS, US
[72] BATTLE, CHARLES, US
[72] KHENFIR, MOUNIR, US
[72] GARNEAU, CHARLES, US
[73] TOUCHTUNES MUSIC CORPORATION, US
[85] 2014-03-18
[86] 2012-09-18 (PCT/US2012/055849)
[87] (WO2013/040603)
[30] US (61/536,015) 2011-09-18
[30] US (61/584,750) 2012-01-09

[11] **2,849,086**
[13] C
[51] **Int.Cl. G01F 1/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMBINING CO-LOCATED FLOWMETERS**
[54] **SYSTEME ET PROCEDE DE COMBINAISON DE DEBITMETRES COIMPLANTES**
[72] FORBES, GRAHAM WYLIE, US
[72] GROESCHEL, KERRY DWAYNE, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2014-03-18
[86] 2012-09-21 (PCT/US2012/056532)
[87] (WO2013/044004)
[30] US (13/242,822) 2011-09-23

[11] **2,849,786**
[13] C
[51] **Int.Cl. F24H 9/20 (2006.01) F24D 19/10 (2006.01) G01K 7/22 (2006.01)**
[25] EN
[54] **PRESSURE CLAMP ADAPTER FOR MOUNTING A THERMISTOR ON A THERMOSTAT CONTROL BRACKET**
[54] **ADAPTATEUR DE PINCE DE COMPRESSION POUR FIXER UNE THERMISTANCE SUR UN SUPPORT DE COMMANDE DE THERMOSTAT**
[72] LESAGE, CLAUDE, CA
[73] MICLAU - S.R.L. INC, CA
[86] (2849786)
[87] (2849786)
[22] 2014-04-24

[11] **2,849,921**
[13] C
[51] **Int.Cl. B60G 15/14 (2006.01) B60G 17/052 (2006.01) F16F 9/04 (2006.01) F16F 9/05 (2006.01)**
[25] EN
[54] **GAS SPRING AND GAS DAMPER ASSEMBLY AND METHOD**
[54] **ENSEMBLE RESSORT ET AMORTISSEUR A GAZ ET PROCEDE ASSOCIE**
[72] BOUNDS, JOSEPH A., US
[73] FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC, US
[85] 2014-03-24
[86] 2012-10-05 (PCT/US2012/059146)
[87] (WO2013/052930)
[30] US (61/543,632) 2011-10-05
[30] US (61/613,486) 2012-03-20

[11] **2,850,110**
[13] C
[51] **Int.Cl. A47L 15/50 (2006.01) A47L 15/22 (2006.01)**
[25] EN
[54] **A DISHWASHER**
[54] **LAVE-VAISSELLE**
[72] CETINKAYA, EBRU, TR
[72] DEMIRCIOGLU, ISMAIL, TR
[72] AKYILDIZ, ERDEM, TR
[73] ARCELIK ANONIM SIRKETI, TR
[85] 2014-03-26
[86] 2012-10-23 (PCT/EP2012/070964)
[87] (WO2013/064394)
[30] TR (A 2011/11062) 2011-11-04

[11] **2,850,725**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/08 (2006.01)**
[25] EN
[54] **BIDIRECTIONAL DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD**
[54] **SYSTEME BIDIRECTIONNEL DE REGULATION DU DEBIT DU FLUIDE DU FOND DU PUITS ET PROCEDE**
[72] FRIPP, MICHAEL LINLEY, US
[72] DYKSTRA, JASON D., US
[72] DEJESUS, ORLANDO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-04-01
[86] 2011-12-06 (PCT/US2011/063582)
[87] (WO2013/085496)

[11] **2,852,585**
[13] C
[51] **Int.Cl. B29C 65/48 (2006.01) B29C 71/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF POST-CURE PROCESSING OF COMPOSITE CORE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT APRES DURCISSEMENT D'UN NOYAU COMPOSITE**
[72] KENDRICK, PHILLIP A., US
[72] WOYCHESIN, S. BRENT, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2852585)
[87] (2852585)
[22] 2014-05-23
[30] US (13/914,756) 2013-06-11

[11] **2,852,621**
[13] C
[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENDOVASCULAR THERAPY OF AORTIC PATHOLOGY**
[54] **PROCEDE ET APPAREIL POUR LA THERAPIE ENDOVASCULAIRE D'UNE PATHOLOGIE AORTIQUE**
[72] MADJAROV, JEKO METODIEV, US
[73] THE CHARLOTTE-MECKLENBURG HOSPITAL AUTHORITY D/B/A CAROLINAS HEALTHCARE SYSTEM, US
[85] 2014-04-14
[86] 2012-10-19 (PCT/US2012/061028)
[87] (WO2013/059596)
[30] US (61/550,066) 2011-10-21
[30] US (61/636,846) 2012-04-23
[30] US (13/651,920) 2012-10-15

[11] **2,852,979**
[13] C
[51] **Int.Cl. A01M 29/00 (2011.01) A01M 29/10 (2011.01) A01M 29/16 (2011.01) G01S 7/292 (2006.01) G01S 13/58 (2006.01) G01S 13/88 (2006.01) G05B 13/02 (2006.01)**
[25] EN
[54] **DEVICE & METHOD FOR SMART, NON-HABITUATING, AUTOMATIC BIRD DETERRENT SYSTEM**
[54] **DISPOSITIF ET PROCEDE UTILISES POUR UN SYSTEME AUTOMATIQUE INTELLIGENT DE DISSUASION DES OISEAUX BASE SUR LA NON-ACCOUTUMANCE**
[72] NOHARA, TIMOTHY J., CA
[72] UKRAINEC, ANDREW M., CA
[72] JONES, GRAEME, CA
[72] BEASON, ROBERT C., US
[72] WEBER, PETER T., CA
[72] COSTA, DOMINGOS NELSON, CA
[72] KRASNOR, CARL, CA
[73] ACCIPITER RADAR TECHNOLOGIES INC., CA
[85] 2014-04-22
[86] 2012-10-24 (PCT/CA2012/050759)
[87] (WO2013/059938)
[30] US (13/281,117) 2011-10-25

[11] **2,853,024**
[13] C
[51] **Int.Cl. C07D 239/56 (2006.01) A61K 31/4166 (2006.01) A61K 31/4178 (2006.01) A61P 9/00 (2006.01) C07D 401/04 (2006.01) C07D 401/10 (2006.01) C07D 403/04 (2006.01) C07D 405/04 (2006.01) C07D 409/04 (2006.01) C07D 417/04 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **2-THIOPYRIMIDINONES**
[54] **2-THIOPYRIMIDINONES**
[72] CARPINO, PHILIP ALBERT, US
[72] CONN, EDWARD LEE, US
[72] HEPWORTH, DAVID, US
[72] KUNG, DANIEL WEI-SHUNG, US
[72] ROCKE, BENJAMIN NEIL, US
[72] RUGGERI, ROGER BENJAMIN, US
[72] WARMUS, JOSEPH SCOTT, US
[72] ZHANG, YAN, US
[72] DOW, ROBERT LEE, US
[72] DOWLING, MATTHEW SCOTT, US
[72] ORR, SUVI TUULA MARJUKKA, US
[72] SAMMONS, MATTHEW FORREST, US
[73] PFIZER INC., US
[85] 2014-04-22
[86] 2012-10-28 (PCT/IB2012/055949)
[87] (WO2013/068875)
[30] US (61/558,605) 2011-11-11

[11] **2,853,619**
[13] C
[51] **Int.Cl. E21C 27/00 (2006.01)**
[25] EN
[54] **UNMANNED INTELLIGENT MINING MACHINE**
[54] **MACHINE D'EXPLOITATION MINIERE INTELLIGENTE SANS EQUIPAGE**
[72] HAN, XINPING, CN
[73] HAN, XINPING, CN
[86] (2853619)
[87] (2853619)
[22] 2014-06-06
[30] CN (201410123925.5) 2014-03-28

[11] **2,854,600**
[13] C
[51] **Int.Cl. F21V 29/90 (2015.01) F21V 29/70 (2015.01) B60Q 1/04 (2006.01) B62J 6/02 (2006.01) B64D 47/04 (2006.01) F21S 8/10 (2006.01) F21V 3/00 (2015.01) F21V 23/00 (2015.01)**
[25] EN
[54] **HEADLAMP ASSEMBLY HAVING A HEAT SINK STRUCTURE AND WIRE HEATING ELEMENT FOR REMOVING WATER BASED CONTAMINATION**
[54] **ENSEMBLE DE PHARE COMPORTANT UNE STRUCTURE DE DISSIPATEUR THERMIQUE ET UN ELEMENT CHAUFFANT FILAIRE SERVANT A ENLEVER LA CONTAMINATION PAR L'EAU**
[72] MARLEY, MICHAEL, US
[73] TRUCK-LITE CO., LLC, US
[73] MARLEY, MICHAEL, US
[85] 2014-05-05
[86] 2012-02-09 (PCT/US2012/024492)
[87] (WO2013/066379)
[30] US (13/289,832) 2011-11-04

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[11] **2,854,675**
[13] C
[51] **Int.Cl. G01B 11/00 (2006.01) G02B 21/06 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING RESOLUTION IN LASER IMAGING MICROSCOPY**
[54] **PROCEDE ET SYSTEME POUR AMELIORER LA RESOLUTION DANS UNE MICROSCOPIE D'IMAGERIE LASER**
[72] PICHE, MICHEL, CA
[72] DEHEZ, HAROLD, CA
[72] DE KONINCK, YVES, CA
[73] UNIVERSITE LAVAL, CA
[85] 2014-05-06
[86] 2012-11-08 (PCT/CA2012/050794)
[87] (WO2013/067643)
[30] US (61/557,209) 2011-11-08

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[11] **2,855,753**
[13] C
[51] **Int.Cl. C07K 9/00 (2006.01) A61K 38/14 (2006.01)**
[25] EN
[54] **CATIONIC ANTIBACTERIAL COMPOSITION**
[54] **COMPOSITION ANTIBACTERIENNE CATIONIQUE**
[72] HALDAR, JAYANTA, IN
[72] VENKATESWARLU, YARLAGADDA, IN
[72] PADMA, AKKAPEDDI, IN
[73] JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH, IN
[85] 2014-05-13
[86] 2012-11-13 (PCT/IB2012/056373)
[87] (WO2013/072838)
[30] IN (3889/CHE/2011) 2011-11-14

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[11] **2,856,270**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/06 (2006.01) C09K 8/08 (2006.01) C09K 8/575 (2006.01) C09K 8/68 (2006.01) E21B 21/14 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **METHOD FOR DELAYEDLY CROSSLINKING ENVIRONMENTALLY FRIENDLY FLUIDS**
[54] **PROCEDE DE RETICULATION DE MANIERE RETARDEE DE FLUIDES FAVORABLES A L'ENVIRONNEMENT**
[72] WESTON, MELISSA, US
[72] HOLTSCLAW, JEREMY, US
[72] LOVELESS, DAVID M., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-16
[86] 2012-11-08 (PCT/US2012/064135)
[87] (WO2013/095800)
[30] US (13/329,844) 2011-12-19

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[11] **2,856,442**
[13] C
[51] **Int.Cl. H02G 3/32 (2006.01)**
[25] EN
[54] **SELF-INDEXING NUT PLATE**
[54] **PLAQUE-ECROU A POSITIONNEMENT AUTOMATIQUE**
[72] JAMES, LOWELL S., US
[72] BICKFORD, JEFFRY G., US
[73] THE BOEING COMPANY, US
[85] 2014-05-20
[86] 2012-12-20 (PCT/US2012/070880)
[87] (WO2013/112252)
[30] US (13/357,275) 2012-01-24
[30] US (13/621,257) 2012-09-16

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[11] **2,856,865**
[13] C
[51] **Int.Cl. G01S 19/21 (2010.01)**
[25] EN
[54] **DIGITAL BEAM-FORMING FOR SIMULTANEOUSLY MITIGATING WEAK AND STRONG INTERFERENCE IN A NAVIGATION SYSTEM**
[54] **FORMATION DE FAISCEAU NUMERIQUE PERMETTANT DE LUTTER SIMULTANEMENT CONTRE LES BROUILLAGES FAIBLES ET FORTS DANS UN SYSTEME DE NAVIGATION**
[72] DICKMAN, JEFF, US
[72] COSGROVE, MATHEW A., US
[73] NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC., US
[85] 2014-05-23
[86] 2012-12-13 (PCT/US2012/069505)
[87] (WO2013/090571)
[30] US (61/576,205) 2011-12-15

[11] **2,857,293**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **AN AMMONIA STRIPPER FOR A CARBON CAPTURE SYSTEM FOR REDUCTION OF ENERGY CONSUMPTION**
[54] **SYSTEME D'ELIMINATION DE L'AMMONIAQUE POUR SYSTEME DE CAPTURE DU CARBONE DESTINE A REDUIRE LA CONSOMMATION D'ENERGIE**
[72] AUGUSTSSON, OLA, SE
[72] TAHOCES, RAUL, DE
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2857293)
[87] (2857293)
[22] 2014-07-21
[30] US (13/950,953) 2013-07-25

[11] **2,858,036**
[13] C
[51] **Int.Cl. G01N 27/403 (2006.01) C12M 1/34 (2006.01) G01N 27/30 (2006.01) G01N 27/416 (2006.01) G01N 33/483 (2006.01) B82Y 15/00 (2011.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DIAMOND ELECTRODE NANOGAP TRANSDUCERS**
[54] **TRANSDUCTEURS A NANO-INTERSTICE A ELECTRODE AU DIAMANT**
[72] ELIBOL, OGUZ H., US
[72] AKKAYA, ONUR C., US
[72] CREDO, GRACE M., US
[72] DANIELS, JONATHAN S., US
[72] TAYEBI, NOUREDDINE, US
[73] INTEL CORPORATION, US
[85] 2014-06-03
[86] 2011-12-15 (PCT/US2011/065154)
[87] (WO2013/089742)

[11] **2,858,185**
[13] C
[51] **Int.Cl. B05D 1/26 (2006.01) B05D 1/34 (2006.01)**
[25] EN
[54] **TOOL FOR APPLYING A FLUID ONTO A SURFACE**
[54] **OUTIL SERVANT A APPLIQUER UN LIQUIDE SUR UNE SURFACE**
[72] TOMUTA, RAUL, US
[72] TOPF, RICHARD PHILIP, US
[72] DAVANCENS, ANGELICA, US
[72] GUIRGUIS, MARTIN HANNA, US
[72] TREND, DON DAVID, US
[72] SEDLER, ILYA, US
[72] GARCIA, CRIS HOWARD, US
[73] THE BOEING COMPANY, US
[86] (2858185)
[87] (2858185)
[22] 2014-07-31
[30] US (14/016,846) 2013-09-03

[11] **2,858,506**
[13] C
[51] **Int.Cl. B23B 27/04 (2006.01) B23B 29/04 (2006.01)**
[25] EN
[54] **TOOL HOLDER AND METHOD FOR CLAMPING A CUTTING INSERT THEREIN**
[54] **PORTE-OUTIL ET PROCEDE PERMETTANT D'Y FIXER UNE PLAQUETTE DE COUPE PAR SERRAGE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2014-06-06
[86] 2012-11-12 (PCT/IL2012/050455)
[87] (WO2013/084222)
[30] US (61/568,532) 2011-12-08

[11] **2,858,868**
[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL DOSAGE FORMS COMPRISING POLY (EPSILON-CAPROLACTONE) AND POLYETHYLENE OXIDE**
[54] **FORMES DOSIFIEES PHARMACEUTIQUES COMPRENANT DE LA POLY(OXEPAN-2-ONE) ET UN POLYETHYLENE OXYDE**
[72] MULEY, SHEETAL, US
[73] PURDUE PHARMA L.P., US
[85] 2014-06-09
[86] 2012-12-07 (PCT/IB2012/002681)
[87] (WO2013/084059)
[30] US (61/569,193) 2011-12-09

[11] **2,858,944**
[13] C
[51] **Int.Cl. G10L 19/018 (2013.01) H04H 20/31 (2009.01) H04N 21/23 (2011.01) G10L 21/055 (2013.01) H04N 19/46 (2014.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PERFORM AUDIO WATERMARKING AND WATERMARK DETECTION AND EXTRACTION**
[54] **PROCEDES ET DISPOSITIFS POUR EFFECTUER LE TATOUAGE AUDIO ET LA DETECTION ET L'EXTRACTION DE TATOUAGE**
[72] TOPCHY, ALEXANDER PAVLOVICH, US
[72] RAMASWAMY, ARUN, US
[72] SRINIVASAN, VENUGOPAL, US
[73] THE NIELSEN COMPANY (US), LLC, US
[86] (2858944)
[87] (2858944)
[22] 2008-10-10
[62] 2,705,549
[30] US (60/987,280) 2007-11-12
[30] US (61/043,952) 2008-04-10

[11] **2,860,166**
[13] C
[51] **Int.Cl. B01J 32/00 (2006.01) C10G 45/12 (2006.01)**
[25] EN
[54] **SILICA CONTAINING ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM AND PROCESSES USING THE SAME**
[54] **SUPPORTS D'ALUMINE CONTENANT DE LA SILICE, CATALYSEURS OBTENUS A PARTIR DE CE SUPPORT ET PROCEDE D'UTILISATION DE CES DERNIERS**
[72] YU, XIANGHUA, US
[72] NESCI, BRUNO C., US
[72] ROMERO, ROBERTO, US
[72] MALICK, GILL M., US
[72] JIA, JIFEI, US
[72] RADLOWSKI, CECELIA A., US
[73] ADVANCED REFINING TECHNOLOGIES LLC, US
[85] 2014-06-20
[86] 2012-11-20 (PCT/US2012/066107)
[87] (WO2013/095856)
[30] US (61/579,357) 2011-12-22
[30] US (61/587,872) 2012-01-18

[11] **2,860,235**
[13] C
[51] **Int.Cl. G01N 21/84 (2006.01) G07D 7/1205 (2016.01)**
[25] EN
[54] **MULTI WAVELENGTH EXCITATION/EMISSION AUTHENTICATION AND DETECTION SCHEME**
[54] **TECHNIQUE D'AUTHENTIFICATION ET DE DETECTION PAR EXCITATION/EMISSION A MULTIPLES LONGUEURS D'ONDE**
[72] LAWANDY, NABIL, US
[72] SMUK, ANDREI, US
[72] OLSON, LEIF, US
[72] ZEPP, CHARLES, US
[73] SPECTRA SYSTEMS CORPORATION, US
[85] 2014-06-20
[86] 2013-01-07 (PCT/US2013/020504)
[87] (WO2013/109425)
[30] US (13/352,953) 2012-01-18

[11] **2,860,648**
[13] C
[51] **Int.Cl. F24F 1/20 (2011.01) F24F 1/06 (2011.01) F24F 11/00 (2006.01)**
[25] EN
[54] **A HEAT PUMP SYSTEM HAVING A PRESSURE TRIP SENSOR RECALCULATION ALGORITHM CONTROLLER**
[54] **SYSTEME DE POMPE A CHALEUR COMPORTANT UN REGULATEUR D'ALGORITHMES DE RECALCUL A CAPTEUR DE DECLENCHEMENT DE PRESSION**
[72] GOEL, RAKESH, US
[72] BERG, ERIC, US
[72] HREJSA, PETE, US
[73] LENNOX INDUSTRIES INC., US
[86] (2860648)
[87] (2860648)
[22] 2014-08-27
[30] US (14/087,519) 2013-11-22

[11] **2,861,029**
[13] C
[51] **Int.Cl. E03F 1/00 (2006.01)**
[25] EN
[54] **COVER ELEMENT FOR DRAINAGE BODY**
[54] **ELEMENT DE COUVERCLE D'UN CORPS D'EVACUATION**
[72] WICHMANN, THORSTEN, DE
[72] MEINCKE, ARNE, DE
[72] MIEZE, JAN, DE
[73] ACO SEVERIN AHLMANN GMBH & CO. KG, DE
[85] 2014-07-11
[86] 2013-01-23 (PCT/EP2013/051202)
[87] (WO2013/110637)
[30] DE (10 2012 100 555.9) 2012-01-24

[11] **2,861,152**
[13] C
[51] **Int.Cl. E21B 47/092 (2012.01) G01R 33/02 (2006.01)**
[25] EN
[54] **MAGNETIC SENSING APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES, ET PROCEDES DE DETECTION MAGNETIQUE**
[72] RODNEY, PAUL F., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-07-14
[86] 2012-01-19 (PCT/US2012/021875)
[87] (WO2013/109278)

[11] **2,862,111**
[13] C
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **WELL FLOW CONTROL WITH MULTI-STAGE RESTRICTION**
[54] **REGULATION D'ECOULEMENT DE PUITS COMPORTANT UNE RESTRICTION A ETAGES MULTIPLES**
[72] LOPEZ, JEAN-MARC, US
[72] HOLDERMAN, LUKE, US
[72] GRECI, STEPHEN MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-07-21
[86] 2012-02-17 (PCT/US2012/025576)
[87] (WO2013/122596)

[11] **2,864,823**
[13] C
[51] **Int.Cl. C03C 1/00 (2006.01) B32B 17/10 (2006.01) C03B 5/235 (2006.01) C03C 3/062 (2006.01) C03C 3/068 (2006.01) C03C 3/076 (2006.01) C03C 3/083 (2006.01) C03C 3/085 (2006.01) C03C 3/095 (2006.01) C03C 4/08 (2006.01) C03C 4/10 (2006.01) F41H 5/04 (2006.01) G02B 23/00 (2006.01)**
[25] EN
[54] **LITHIUM CONTAINING GLASS WITH HIGH OXIDIZED IRON CONTENT AND METHOD OF MAKING SAME**
[54] **VERRE CONTENANT DU LITHIUM A TENEUR ELEVEE EN FER OXYDE ET SON PROCEDE DE FABRICATION**
[72] GOODWIN, GEORGE B., US
[72] ARBAB, MEHRAN, US
[72] HARRIS, CAROLINE S., US
[72] SHELESTAK, LARRY J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-08-15
[86] 2013-02-15 (PCT/US2013/026344)
[87] (WO2013/126282)
[30] US (61/602,909) 2012-02-24
[30] US (13/768,030) 2013-02-15

[11] **2,864,871**
[13] C
[51] **Int.Cl. A23B 4/20 (2006.01) A23B 4/12 (2006.01) A23B 4/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR LOWERING COUNTS OF PATHOGENIC MICROORGANISMS IN FOOD PRODUCTS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE FAIRE BAISSER LE NOMBRE DE MICROORGANISMES PATHOGENES PRESENTS DANS DES PRODUITS ALIMENTAIRES**
[72] HULL, RICHARD, US
[72] TOLEDO, MO MUI, US
[72] TOLEDO, ROMEO, US
[73] ISOAGE TECHNOLOGIES LLC, US
[85] 2014-08-18
[86] 2013-02-19 (PCT/US2013/026704)
[87] (WO2013/123505)
[30] US (61/599,732) 2012-02-16

[11] **2,865,162**
[13] C
[51] **Int.Cl. B23K 26/34 (2014.01) B23K 9/04 (2006.01) B23K 10/02 (2006.01) B23K 15/00 (2006.01) B23P 6/00 (2006.01) F01D 5/00 (2006.01)**
[25] EN
[54] **ADVANCED PASS PROGRESSION FOR BUILD-UP WELDING**
[54] **PROGRESSION DE PASSAGES AVANCEE POUR SOUDURE PAR RECHARGEMENT**
[72] BRUCK, GERALD J., US
[72] GEORGIEVA, PETYA M., US
[72] SHINN, BRANDON W., US
[73] SIEMENS ENERGY, INC., US
[85] 2014-08-20
[86] 2013-02-21 (PCT/US2013/027099)
[87] (WO2013/138042)
[30] US (13/417,401) 2012-03-12

[11] **2,865,438**
[13] C
[51] **Int.Cl. A63G 7/00 (2006.01)**
[25] EN
[54] **STACKED ROLLING VEHICLE TRACK**
[54] **RAIL POUR VEHICULE ROULANT A EMPILEMENT**
[72] SCHILKE, ALAN, US
[72] GRUBB, FRED, US
[73] ROCKY MOUNTAIN COASTERS, INC., US
[85] 2014-08-22
[86] 2013-03-15 (PCT/US2013/032653)
[87] (WO2013/154781)
[30] US (61/623,521) 2012-04-12

[11] **2,865,926**
[13] C
[51] **Int.Cl. H04L 12/863 (2013.01)**
[25] EN
[54] **READ-THROTTLED INPUT/OUTPUT SCHEDULER**
[54] **PLANIFICATEUR D'ENTREE/SORTIE A LECTURE REDUITE**
[72] KRAMNIK, ALEXANDER, US
[72] MALNICK, NICOLAUS P., US
[72] HAYHURST, LYLE, US
[73] DRW TECHNOLOGIES LLC, US
[85] 2014-08-28
[86] 2013-03-08 (PCT/US2013/029918)
[87] (WO2013/142099)
[30] US (13/506,006) 2012-03-20

[11] **2,866,235**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **METHOD OF RECOVERING CARBON DIOXIDE AND RECOVERY APPARATUS**
[54] **DISPOSITIF ET PROCEDE DE RECUPERATION DE DIOXYDE DE CARBONE**
[72] NAKAMURA, SHIKO, JP
[72] YAMANAKA, YASURO, JP
[72] TAKANO, KENJI, JP
[72] OKUNO, SHINYA, JP
[73] IHI CORPORATION, JP
[85] 2014-09-03
[86] 2012-10-12 (PCT/JP2012/076496)
[87] (WO2013/161100)
[30] JP (2012-098640) 2012-04-24

[11] **2,866,423**
[13] C
[51] **Int.Cl. H01R 12/62 (2011.01) H01R 13/6471 (2011.01) H01R 13/6474 (2011.01) H01R 13/04 (2006.01)**
[25] EN
[54] **DIFFERENTIAL SIGNAL CONNECTOR CAPABLE OF REDUCING SKEW BETWEEN A DIFFERENTIAL SIGNAL PAIR**
[54] **CONNECTEUR POUR SIGNAUX DIFFERENTIELS POUVANT REDUIRE L'ECART ANGULAIRE ENTRE UNE PAIRE DE SIGNAUX DIFFERENTS**
[72] SHIRATORI, MASAYUKI, JP
[72] AIHARA, SHUICHI, JP
[72] KATAYANAGI, MASAYUKI, JP
[72] HASHIGUCHI, OSAMU, JP
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
[86] (2866423)
[87] (2866423)
[22] 2012-02-09
[62] 2,767,669
[30] JP (2011-037321) 2011-02-23
[30] JP (2011-224075) 2011-10-11
[30] JP (2011-224098) 2011-10-11
[30] JP (2011-224139) 2011-10-11

[11] **2,867,428**
[13] C
[51] **Int.Cl. H01M 8/04089 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM WITH A CONTROLLER HAVING A PULSATING UNIT AND A PRESSURE INCREASING SETTING UNIT**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE DOTE D'UN CONTROLEUR EQUIPE D'UN MODULE PULSATOIRE ET D'UN MODULE D'ETABLISSEMENT PROGRESSIF DE PRESSION**
[72] MAESHIMA, SUSUMU, JP
[72] IKEZOE, KEIGO, JP
[72] ICHIKAWA, YASUSHI, JP
[72] FUJII, TAKAHIRO, JP
[72] NAKA, TAKASHI, JP
[72] IWASAKI, DAIGO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-09-15
[86] 2013-03-15 (PCT/JP2013/057390)
[87] (WO2013/137431)
[30] JP (2012-059276) 2012-03-15

[11] **2,869,132**
[13] C
[51] **Int.Cl. H04N 19/44 (2014.01) H04N 19/184 (2014.01) H04N 19/30 (2014.01) H04N 19/587 (2014.01)**
[25] EN
[54] **LEVEL SIGNALING FOR LAYERED VIDEO CODING**
[54] **SIGNALISATION DE NIVEAU POUR UN CODAGE VIDEO EN COUCHES**
[72] BOYCE, JILL, US
[72] HONG, DANNY, US
[72] JANG, WONKAP, US
[72] WENGER, STEPHAN, US
[73] VIDYO, INC., US
[85] 2014-09-30
[86] 2013-03-25 (PCT/US2013/033646)
[87] (WO2013/151814)
[30] US (61/621,093) 2012-04-06

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[11] **2,869,638**
[13] C
[51] **Int.Cl. B32B 27/02 (2006.01) B32B 33/00 (2006.01) B32B 37/14 (2006.01)**
[25] EN
[54] **FILM WITH COMPOSTABLE HEAT SEAL LAYER**
[54] **FILM AYANT UNE COUCHE DE THERMOSOUDAGE COMPOSTABLE**
[72] MOUNT, ELDRIDGE M., US
[72] PALTA, DEEPALI, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[85] 2014-10-03
[86] 2013-04-19 (PCT/US2013/037380)
[87] (WO2013/163036)
[30] US (13/455,313) 2012-04-25

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[11] **2,869,727**
[13] C
[51] **Int.Cl. E03D 3/02 (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
[73] SDB IP HOLDINGS, LLC, US
[85] 2014-10-06
[86] 2013-03-15 (PCT/US2013/031840)
[87] (WO2013/158282)
[30] US (61/636,174) 2012-04-20

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[11] **2,870,294**
[13] C
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **SURGICAL FASTENER**
[54] **DISPOSITIF DE FIXATION CHIRURGICAL**
[72] GUPTA, SAURAV V., US
[72] RANUCCI, KEVIN J., US
[73] C.R. BARD, INC., US
[86] (2870294)
[87] (2870294)
[22] 2014-11-07
[30] US (14/075,325) 2013-11-08

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[11] **2,871,177**
[13] C
[51] **Int.Cl. C02F 1/56 (2006.01) C02F 1/52 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING MINE WASTE**
[54] **METHODE DE TRAITEMENT DE DECHETS MINIERS**
[72] REN, WEI, CA
[72] SURY, KEN N., CA
[72] CLINGMAN, SCOTT R., US
[72] PEIFFER, DENNIS G., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2871177)
[87] (2871177)
[22] 2014-11-14

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[11] **2,872,125**
[13] C
[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/88 (2006.01) A61L 27/06 (2006.01) A61L 27/14 (2006.01)**
[25] EN
[54] **BIFURCATED HIGHLY CONFORMABLE MEDICAL DEVICE BRANCH ACCESS**
[54] **BRANCHEMENT POUR DISPOSITIF MEDICAL HAUTEMENT CONFORMABLE A BIFURCATION**
[72] HAGAMAN, LOGAN R., US
[72] HARTMAN, CODY L., US
[72] JACOBY, RUSSELL L., US
[72] WOLFE, ROARK N., US
[72] DAUGHERTY, JOHN R., US
[72] KOVACH, LARRY J., US
[73] W. L. GORE & ASSOCIATES, INC., US
[86] (2872125)
[87] (2872125)
[22] 2010-10-08
[62] 2,775,786
[30] US (61/250,313) 2009-10-09
[30] US (12/818,551) 2010-06-18
[30] US (12/818,575) 2010-06-18

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[11] **2,872,264**
[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **INFLOW CONTROL DEVICE HAVING ELONGATED SLOTS FOR BRIDGING OFF DURING FLUID LOSS CONTROL**
[54] **DISPOSITIF DE REGULATION DE DEBIT ENTRANT POURVU DE FENTES ALLONGEES POUR PONTAGE DURANT LA REGULATION DE LA PERTE DE FLUIDE**
[72] MCGEOCH, ANDREW, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2872264)
[87] (2872264)
[22] 2014-11-25
[30] US (61/909,691) 2013-11-27

[11] **2,872,346**
[13] C
[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **ELECTRIC FAN**
[54] **VENTILATEUR**
[72] HA, SUNG WOO, KR
[73] HA, SUNG WOO, KR
[85] 2014-10-31
[86] 2012-09-19 (PCT/KR2012/007496)
[87] (WO2013/165056)
[30] KR (20-2012-0003629) 2012-05-02
[30] KR (20-2012-0008383) 2012-09-19

[11] **2,872,887**
[13] C
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/4422 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **POLYMORPH COMPOSITIONS, METHODS OF MAKING, AND USES THEREOF**
[54] **COMPOSITIONS POLYMORPHES, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] DAVIS, CARA R., US
[72] BURTON, KEVIN, US
[72] WINCHESTER, GARY, US
[72] STELLA, ANGELA R., US
[72] MACDONALD, R. LOCH, US
[72] HESHMATI, PARISSA, US
[73] EDGE THERAPEUTICS, INC., US
[73] EVONIK CORPORATION, US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040265)
[87] (WO2013/169979)
[30] US (61/644,523) 2012-05-09
[30] US (13/800,480) 2013-03-13

[11] **2,873,380**
[13] C
[51] **Int.Cl. H04B 17/345 (2015.01) H04W 24/00 (2009.01) H04B 7/0417 (2017.01)**
[25] EN
[54] **METHODS AND ARRANGEMENTS FOR CSI REPORTING**
[54] **PROCEDES ET AGENCEMENTS POUR CONSIGNER L'ETAT DE CANAL**
[72] HAMMARWALL, DAVID, SE
[72] BERGMAN, SVANTE, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-11-12
[86] 2013-05-07 (PCT/SE2013/050514)
[87] (WO2013/169195)
[30] US (13/469,843) 2012-05-11

[11] **2,874,636**
[13] C
[51] **Int.Cl. E05B 45/00 (2006.01) E05B 65/00 (2006.01) G08B 13/02 (2006.01) G08B 13/22 (2006.01) G08B 25/14 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **DOOR LOCK SENSOR AND ALARM**
[54] **CAPTEUR DE SERRURE DE PORTE ET ALARME**
[72] COMERFORD, TIMOTHY NOONAN, US
[72] BATY, DAVID MATHEW, US
[72] AINLEY, WILLIAM BRIAN, US
[72] RETTIG, RAYMOND F., US
[72] AHEARN, JOHN ROBERT, US
[72] LYON, JOE, US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2014-11-24
[86] 2013-05-23 (PCT/US2013/042497)
[87] (WO2013/177443)
[30] US (61/650,830) 2012-05-23

[11] **2,875,485**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **METHOD OF SUBSURFACE RESERVOIR FRACTURING USING ELECTROMAGNETIC PULSE ENERGY**
[54] **PROCEDE DE FRACTURATION DE GISEMENT SUBSURFACE A L'AIDE D'IMPULSIONS ELECTROMAGNETIQUES**
[72] SAEEDFAR, AMIN, CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
[86] (2875485)
[87] (2875485)
[22] 2014-12-22
[30] US (61/924919) 2014-01-08

[11] **2,876,662**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR PROVIDING DYNAMIC ACCOUNT AND DEVICE MANAGEMENT**
[54] **TECHNIQUES PERMETTANT UNE GESTION DYNAMIQUE DE COMPTE ET DE DISPOSITIF**
[72] AGBABIAN, PAUL, US
[72] COOLEY, SHAUN, US
[73] SYMANTEC CORPORATION, US
[85] 2014-12-12
[86] 2013-06-05 (PCT/US2013/044356)
[87] (WO2013/188192)
[30] US (13/524,795) 2012-06-15

[11] **2,876,722**
[13] C
[51] **Int.Cl. E05B 65/46 (2017.01) A47B 88/40 (2017.01) E05B 47/00 (2006.01) E05B 47/06 (2006.01) E05C 3/24 (2006.01)**
[25] EN
[54] **DRAWER SLIDE AND ELECTRONICALLY ACTUATED LOCKING MECHANISM**
[54] **COULISSE DE TIROIR ET MECANISME DE VERROUILLAGE ACTIONNE ELECTRONIQUEMENT**
[72] HASHEMI, DARUSH DAVID, US
[72] ZHOU, XIAOPING, US
[72] CHI, QUINN, US
[73] ACCURIDE INTERNATIONAL INC., US
[85] 2014-12-12
[86] 2013-07-18 (PCT/US2013/051152)
[87] (WO2014/015182)
[30] US (61/673,159) 2012-07-18

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[11] **2,877,232**
[13] C
[51] **Int.Cl. A61K 31/197 (2006.01) A61K 33/26 (2006.01) A61P 3/00 (2006.01) A61P 31/16 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PROPHYLACTIC/THERAPEUTIC AGENT FOR INFLUENZA VIRUS INFECTION**
[54] **AGENT PROPHYLACTIQUE/THERAPEUTIQUE POUR UNE INFECTION PAR LE VIRUS DE LA GRIPPE**
[72] TANAKA, TOHRU, JP
[72] NAKAJIMA, MOTOWO, JP
[72] TAKAHASHI, KIWAMU, JP
[72] ISHII, TAKUYA, JP
[72] KIDO, HIROSHI, JP
[72] CHIDA, JUNJI, JP
[72] YAMANE, KAZUHIKO, JP
[73] SBI PHARMACEUTICALS CO., LTD., JP
[73] TOKUSHIMA UNIVERSITY, JP
[85] 2014-12-18
[86] 2013-06-03 (PCT/JP2013/003486)
[87] (WO2014/013664)
[30] JP (2012-160999) 2012-07-19

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[11] **2,877,472**
[13] C
[51] **Int.Cl. C08L 23/22 (2006.01) C08J 3/20 (2006.01) C08J 3/24 (2006.01) C08K 5/18 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **THERMOPLASTIC ELASTOMER COMPOSITION AND PROCESS TO PRODUCE SAME**
[54] **COMPOSITION D'ELASTOMERE THERMOPLASTIQUE ET PROCEDE DE PRODUCTION DE CELLE-CI**
[72] HARA, YUICHI, JP
[72] SATO, SHUN, JP
[72] BLOK, EDWARD J., US
[72] ELLUL, MARIA D., US
[72] DIAS, ANTHONY J., US
[72] RANDAL, HOWARD KERSTETTER, III, US
[73] THE YOKOHAMA RUBBER CO., LTD., JP
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2014-12-19
[86] 2012-06-19 (PCT/US2012/043134)
[87] (WO2013/191685)

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[11] **2,877,567**
[13] C
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **PEER-ASSISTED SHOPPING**
[54] **COURSES ASSISTEES PAR DES PAIRS**
[72] SPITZ, RICK, US
[72] SUNDUKOVSKIY, SERGEY, US
[72] GALINDO, DELFINO JR., US
[72] DOWNING, TODD, US
[72] BRIGGS, CHRISTIAN, US
[73] CINSAY, INC., US
[85] 2014-12-19
[86] 2013-06-21 (PCT/US2013/047124)
[87] (WO2013/192557)
[30] US (61/662,765) 2012-06-21
[30] US (13/923,089) 2013-06-20

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[11] **2,877,910**
[13] C
[51] **Int.Cl. E21B 23/04 (2006.01) E21B 33/122 (2006.01) E21B 33/1295 (2006.01)**
[25] EN
[54] **PRESSURE ACTIVATED DOWN HOLE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'OUTIL DE FOND DE TROU ACTIVE PAR PRESSION**
[72] ACOSTA, FRANK, US
[72] BUDLER, NICHOLAS, US
[72] SZARKA, DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-23
[86] 2013-12-26 (PCT/US2013/077821)
[87] (WO2014/107395)
[30] US (13/734,035) 2013-01-04

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[11] **2,878,136**
[13] C
[51] **Int.Cl. G06F 9/445 (2006.01) G06F 11/36 (2006.01) A63F 13/69 (2014.01) A63F 13/85 (2014.01)**
[25] EN
[54] **DIGITAL ITEM INGESTION PROCESS**
[54] **PROCEDE D'ABSORPTION D'ELEMENTS NUMERIQUES**
[72] RAVIKUMAR, RAHUL, US
[72] MEHTA, CHIRAG ANIL, US
[72] SIWAPINYOYOS, MICHAEL R., US
[72] JOHNSON, STEPHEN C., US
[72] GILL, SUNBIR, US
[72] PATEL, MAYANK ARVINDBHAI, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-12-30
[86] 2013-07-05 (PCT/US2013/049431)
[87] (WO2014/008462)
[30] US (13/542,956) 2012-07-06

[11] **2,879,206**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **COMMUNICATION OF PREFERRED POWER CONSUMPTION CONFIGURATIONS**
[54] **COMMUNICATION DE CONFIGURATIONS DE CONSOMMATION DE PUISSANCE PREFEREES**
[72] KOC, ALI T., US
[72] JHA, SATISH C., US
[72] VANNITHAMBY, RATH, US
[72] GUPTA, MARUTI, US
[73] INTEL CORPORATION, US
[85] 2015-01-13
[86] 2013-09-27 (PCT/US2013/062172)
[87] (WO2014/052751)
[30] US (61/707,784) 2012-09-28

[11] **2,879,215**
[13] C
[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/01 (2006.01) A61B 5/087 (2006.01)**
[25] EN
[54] **RESPIRATION MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA RESPIRATION**
[72] FELDMAN, DORON, US
[72] LERMAN, JERROLD, US
[72] FELDMAN, RONEN, US
[72] MOSER, JOHN, US
[72] FELDMAN, URI, US
[73] LINSHOM, L.P., US
[85] 2015-01-14
[86] 2013-07-08 (PCT/US2013/049511)
[87] (WO2014/018246)
[30] US (13/553,070) 2012-07-19

[11] **2,879,420**
[13] C
[51] **Int.Cl. B23K 37/00 (2006.01) G01D 11/24 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **WELDING FIXTURE**
[54] **BATI DE SOUDAGE**
[72] ALLEN, CHARLES ROBERT, US
[72] HA, CHAE H., US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2015-01-16
[86] 2012-09-06 (PCT/US2012/053842)
[87] (WO2014/014482)
[30] US (61/673,018) 2012-07-18

[11] **2,879,471**
[13] C
[51] **Int.Cl. B41F 17/00 (2006.01) A47G 1/02 (2006.01) B41J 2/01 (2006.01) B41M 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING DECORATIVE GLASS, MIRROR AND OTHER SUBSTRATES**
[54] **METHODE ET APPAREIL DE FABRICATION DE VERRE DECORATIF, MIROIR ET AUTRES SUBSTRATS**
[72] GARSVA, VILIUS, CA
[73] IMAGIC GLASS INC., CA
[86] (2879471)
[87] (2879471)
[22] 2015-01-23

[11] **2,879,478**
[13] C
[51] **Int.Cl. C07D 207/34 (2006.01) A61K 31/40 (2006.01) A61P 29/00 (2006.01) C07D 231/14 (2006.01) C07D 249/10 (2006.01) C07D 401/04 (2006.01) C07D 405/04 (2006.01)**
[25] EN
[54] **CARBOXAMIDE OR SULFONAMIDE SUBSTITUTED NITROGEN-CONTAINING 5-MEMBERED HETEROCYCLES AS MODULATORS FOR THE ORPHAN NUCLEAR RECEPTOR ROR.GAMMA.**
[54] **HETEROCYCLES A 5 CHAINONS CONTENANT DE L'AZOTE SUBSTITUES PAR CARBOXAMIDE OU SULFONAMIDE EN TANT QUE MODULATEURS POUR LE RECEPTEUR NUCLEAIRE ORPHELIN ROR.GAMMA.**
[72] GEGE, CHRISTIAN, DE
[72] KINZEL, OLAF, DE
[72] STEENECK, CHRISTOPH, DE
[72] KLEYMANN, GERALD, DE
[72] HOFFMANN, THOMAS, DE
[73] PHENEX PHARMACEUTICALS AG, DE
[85] 2015-01-19
[86] 2013-05-29 (PCT/EP2013/001594)
[87] (WO2014/023367)
[30] US (61/681,296) 2012-08-09
[30] EP (12005789.8) 2012-08-09

[11] **2,879,604**
[13] C
[51] **Int.Cl. E06B 5/16 (2006.01) E04B 1/94 (2006.01) E06B 3/70 (2006.01)**
[25] EN
[54] **GYPSUM COMPOSITES USED IN FIRE RESISTANT BUILDING COMPONENTS**
[54] **COMPOSITES DE PLATRE UTILISES DANS DES COMPOSANTS DE CONSTRUCTION RESISTANTS AU FEU**
[72] DANIELS, EVAN R., US
[72] NEWTON, JONATHAN, US
[73] THE INTELLECTUAL GORILLA GMBH, CH
[85] 2015-01-19
[86] 2013-06-28 (PCT/US2013/048712)
[87] (WO2014/005091)
[30] US (13/538,828) 2012-06-29
[30] US (13/538,788) 2012-06-29
[30] US (13/603,405) 2012-09-04
[30] US (13/610,542) 2012-09-11

[11] **2,879,605**
[13] C
[51] **Int.Cl. C01G 29/00 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) C01F 17/00 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF CORE/SHELL TYPE NANOPARTICLES, METHOD OF PRODUCTION OF SINTERED BODY USING THAT METHOD, AND THERMOELECTRIC CONVERSION MATERIAL PRODUCED BY THAT METHOD**
[54] **METHODE DE PRODUCTION DE NANOPARTICULES DE TYPE COEUR/ENVELOPPE, METHODE DE PRODUCTION D'UN CORPS FRITTE A L'AIDE DE LADITE METHODE ET MATERIAU DE CONVERSION THERMOELECTRIQUE PRODUIT PAR LADITE METHODE**
[72] WATANABE, MASAO, JP
[72] ISHIKIRIYAMA, MAMORU, JP
[72] KINOSHITA, YOUHEI, JP
[72] SAITO, NAGAHIRO, JP
[72] SUDARE, TOMOHITO, JP
[72] KODAMA, TOMOKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[86] (2879605)
[87] (2879605)
[22] 2015-01-27
[30] JP (2014-017569) 2014-01-31

[11] **2,879,753**
[13] C
[51] **Int.Cl. G01N 21/31 (2006.01) G06E 3/00 (2006.01)**
[25] EN
[54] **HANDHELD CHARACTERISTIC ANALYZER**
[54] **ANALYSEUR PORTATIF DE CARACTERISTIQUES**
[72] TUNHEIM, OLA, NO
[72] WEBSTER, MARSHALL EDWARD, US
[72] WACHTEL, ALEXIS, II, US
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-20
[86] 2013-08-23 (PCT/US2013/056410)
[87] (WO2014/035823)
[30] US (13/600,288) 2012-08-31

[11] **2,880,371**
[13] C
[51] **Int.Cl. A23C 19/06 (2006.01) A01J 25/00 (2006.01) A23C 19/00 (2006.01) A23C 19/068 (2006.01)**
[25] EN
[54] **CHEESE AND METHODS OF MAKING SUCH CHEESE**
[54] **FROMAGE ET METHODES DE FABRICATION DE CE FROMAGE**
[72] MERRILL, RICHARD K., US
[72] SINGH, MAYANK, US
[73] LEPRINO FOODS COMPANY, US
[86] (2880371)
[87] (2880371)
[22] 2005-05-03
[62] 2,565,232
[30] US (60/568,029) 2004-05-03

[11] **2,880,460**
[13] C
[51] **Int.Cl. E21B 47/06 (2012.01) E21B 47/00 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SIMULATION OF DOWNHOLE CONDITIONS IN A WELL SYSTEM**
[54] **SYSTEME ET PROCEDE POUR SIMULATION DE CONDITIONS DE FOND DE TROU DANS UN SYSTEME DE PUITS**
[72] GONZALES, ADOLFO C., US
[72] KANG, YONGFENG, US
[72] MITCHELL, ROBERT, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-01-28
[86] 2013-08-06 (PCT/US2013/053815)
[87] (WO2014/025798)
[30] US (13/567,711) 2012-08-06

[11] **2,880,480**
[13] C
[51] **Int.Cl. C04B 18/14 (2006.01) C04B 22/08 (2006.01)**
[25] EN
[54] **GEOPOLYMER CEMENT COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE CIMENT GEOPOLYMERE ET LEURS PROCEDES D'UTILISATION**
[72] CHATTERJI, JITEN, US
[72] BRENNEIS, DARRELL CHAD, US
[72] KEYS, CRYSTAL LYNNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2013-08-16 (PCT/US2013/055250)
[87] (WO2014/028792)
[30] US (13/587,397) 2012-08-16

[11] **2,880,499**
[13] C
[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING OIL/GAS SEPARATION PROCESSES**
[54] **SYSTEMES ET PROCEDES POUR CONTROLER DES PROCESSUS DE SEPARATION PETROLE/GAZ**
[72] TUNHEIM, OLA, NO
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2013-09-03 (PCT/US2013/057832)
[87] (WO2014/042909)
[30] US (13/618,152) 2012-09-14

[11] **2,880,894**
[13] C
[51] **Int.Cl. C08L 67/00 (2006.01) A61K 9/00 (2006.01) A61L 2/16 (2006.01) A61L 27/14 (2006.01) A61L 27/54 (2006.01) C08J 3/28 (2006.01) C08L 73/02 (2006.01)**
[25] EN
[54] **REACTIVE OXIDATIVE SPECIES GENERATING MATERIALS AND METHODS OF USE**
[54] **MATERIAUX GENERANT DES ESPECES OXYDATIVES REACTIVES ET LEURS PROCEDES D'UTILISATION**
[72] BROWN, TIFFANY J., US
[72] LAFLEUR, ADAM S., US
[72] MAZICH, KENNETH, US
[72] TOWLER, JEFFREY C., US
[72] ZHANG, JI, US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-02-04
[86] 2013-08-30 (PCT/US2013/057451)
[87] (WO2014/036364)
[30] US (61/695,432) 2012-08-31
[30] US (14/013,117) 2013-08-29

[11] **2,880,981**
[13] C
[51] **Int.Cl. B01F 15/04 (2006.01) B01J 19/26 (2006.01) G01N 1/28 (2006.01) G01N 1/38 (2006.01)**
[25] EN
[54] **REAGENT PREPARATION AND DISPENSING DEVICE**
[54] **PREPARATION DE REACTIF ET DISPOSITIF DE DISTRIBUTION**
[72] PEARCY, TIMOTHY, US
[72] SKAKOON, JAMES G., US
[73] BIOLYPH, LLC, US
[86] (2880981)
[87] (2880981)
[22] 2010-11-18
[62] 2,817,038

[11] **2,881,149**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **DYNAMICALLY ALLOCATING NETWORK ADDRESSES**
[54] **ATTRIBUTION DYNAMIQUE D'ADRESSES RESEAU**
[72] NIEMOLLER, ALBERT P., US
[72] DICKINSON, ANDREW B., US
[72] ROBERTS, BRADLEY D., US
[72] WEI, ERIC P., US
[72] WHITTAKER, COLIN J., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-02-05
[86] 2013-09-13 (PCT/US2013/059631)
[87] (WO2014/046975)
[30] US (13/621,891) 2012-09-18

[11] **2,881,280**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) C07C 7/11 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR REGENERATING A SCRUBBING LIQUID ENRICHED IN AROMATIC HYDROCARBONS**
[54] **PROCEDE ET APPAREIL DE REGENERATION D'UN LIQUIDE ABRASIF ENRICHI D'HYDROCARBURES AROMATIQUES**
[72] RICHTER, DIETHMAR, DE
[72] THIELERT, HOLGER, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[85] 2015-02-05
[86] 2013-07-11 (PCT/EP2013/064715)
[87] (WO2014/023507)
[30] DE (10 2012 107 333.3) 2012-08-09

[11] **2,881,413**
[13] C
[51] **Int.Cl. H01S 5/068 (2006.01) H01S 5/0683 (2006.01) H01S 5/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING LIGHT PULSES BASED ON DIRECT CURRENT MODULATION OF A SEED LASER DIODE**
[54] **SYSTEME ET METHODE DE PRODUCTION D'IMPULSIONS LUMINEUSES FONDEES SUR UNE MODULATION EN COURANT DIRECT D'UNE DIODE D'AMORCAGE LASER**
[72] DESBIENS, LOUIS, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[86] (2881413)
[87] (2881413)
[22] 2015-02-06

[11] **2,881,757**
[13] C
[51] **Int.Cl. G01N 13/02 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **DETERMINING RESIDUAL SURFACTANT CONCENTRATIONS IN PRODUCED WATER**
[54] **DETERMINATION DE CONCENTRATIONS DE SURFACTANT RESIDUEL DANS L'EAU PRODUITE**
[72] RANE, JAYANT, US
[72] XU, LIANG, US
[72] FU, QIANG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2881757)
[87] (2881757)
[22] 2015-02-13
[30] US (14/228,152) 2014-03-27

[11] **2,882,175**
[13] C
[51] **Int.Cl. B24D 5/06 (2006.01) B24D 3/02 (2006.01)**
[25] EN
[54] **NON-ABRASIVE BACK COAT FOR COATED ABRASIVES**
[54] **COUCHE ARRIERE NON ABRASIVE POUR ABRASIFS REVETUS**
[72] GOLDSMITH, PAUL S., US
[72] PORTER, JOHN, CA
[72] GAETA, ANTHONY C., US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[86] (2882175)
[87] (2882175)
[22] 2011-05-27
[62] 2,792,573
[30] US (61/349,539) 2010-05-28

[11] **2,882,547**
[13] C
[51] **Int.Cl. A61B 17/68 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **ORTHOPEDIC COMPRESSION/DISTRACTION DEVICE**
[54] **DISPOSITI DE COMPRESSION/DISTRACTION ORTHOPEDIQUE**
[72] THOREN, BRIAN, US
[72] MCCORMICK, DANIEL, US
[72] HARNESS, DAVID, US
[72] REED, WESLEY, US
[72] CRAMER, THOMAS, US
[72] LOWERY, GARY, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-02-20
[86] 2014-03-14 (PCT/US2014/028765)
[87] (WO2015/137976)

[11] **2,882,794**
[13] C
[51] **Int.Cl. G06F 11/32 (2006.01) G06F 1/20 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTER EQUIPMENT MANAGEMENT**
[54] **SYSTEMES ET PROCEDES POUR GESTION D'EQUIPEMENT INFORMATIQUE**
[72] SAWCZAK, STEPHEN D., US
[72] KOMLENIC, TODD, US
[72] ADAMS, MICHAEL, US
[73] THE PNC FINANCIAL SERVICES GROUP, INC., US
[86] (2882794)
[87] (2882794)
[22] 2009-02-13
[62] 2,718,733
[30] US (61/065,935) 2008-02-15

[11] **2,882,929**
[13] C
[51] **Int.Cl. C09C 1/02 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **RHEOLOGICALLY STABLE AQUEOUS MINERAL MATERIAL SUSPENSIONS COMPRISING ORGANIC POLYMERS HAVING REDUCED VOLATILE ORGANIC COMPOUND (VOC) CONTENT**
[54] **SUSPENSIONS DE MATIERE MINERALE AQUEUSES STABLES DE FACON RHEOLOGIQUE COMPRENANT DES POLYMERES ORGANIQUES AYANT UNE TENEUR REDUITE EN COMPOSE ORGANIQUE VOLATIL (COV)**
[72] RENTSCH, SAMUEL, CH
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-02-24
[86] 2013-09-20 (PCT/EP2013/069641)
[87] (WO2014/048856)
[30] EP (12186131.4) 2012-09-26
[30] US (61/709,176) 2012-10-03

[11] **2,883,954**
[13] C
[51] **Int.Cl. B60B 37/04 (2006.01) B60B 27/00 (2006.01) F16B 39/10 (2006.01) F16B 41/00 (2006.01) B60B 27/06 (2006.01)**
[25] EN
[54] **WHEEL HUB NUT RETAINER PLATE**
[54] **PLAQUE DE FREIN D'ECROU POUR MOYEU DE ROUE**
[72] ECK, BRIAN, US
[72] ANDERSON, REID, US
[73] ARCTIC CAT INC., US
[85] 2015-03-03
[86] 2013-08-27 (PCT/US2013/056818)
[87] (WO2014/039328)
[30] US (13/603,188) 2012-09-04

[11] **2,884,113**
[13] C
[51] **Int.Cl. B60W 40/00 (2006.01) B61C 17/00 (2006.01)**
[25] EN
[54] **CUMULATIVE INERTIAL TRACTIVE EFFORT**
[54] **EFFORT DE TRACTION INERTIELLE CUMULATIVE**
[72] OLDKNOW, KEVIN DAVID, CA
[72] KENNEDY, WAYNE A., US
[72] PETERS, JOHN M., US
[72] NEDUNOORI, SRINI, US
[72] KADAM, DIVYA, US
[73] L.B. FOSTER RAIL TECHNOLOGIES, CORP., CA
[73] UNION PACIFIC RAILROAD, US
[86] (2884113)
[87] (2884113)
[22] 2015-03-05
[30] US (14/633,795) 2015-02-27

[11] **2,884,180**
[13] C
[51] **Int.Cl. A61M 1/12 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **VAD INTEGRATED FLOW SENSOR**
[54] **CAPTEUR DE DEBIT INTEGRE A UN VAD**
[72] TAMEZ, DAN, US
[72] VOSKOBOYNIKOV, NEIL, US
[73] HEARTWARE, INC., US
[85] 2015-03-05
[86] 2013-09-05 (PCT/US2013/058253)
[87] (WO2014/039673)
[30] US (61/697,087) 2012-09-05

[11] **2,884,537**
[13] C
[51] **Int.Cl. H04N 19/59 (2014.01) H04N 19/14 (2014.01) H04N 19/186 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE DECODING UNIT**
[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2884537)
[87] (2884537)
[22] 2011-04-05
[62] 2,795,475
[30] KR (10-2010-0031145) 2010-04-05

[11] **2,884,799**
[13] C
[51] **Int.Cl. H05B 6/10 (2006.01) B29C 63/00 (2006.01) B44C 1/10 (2006.01) B44C 1/17 (2006.01) H05B 6/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR HEATING A MATERIAL**
[54] **PROCEDES ET APPAREIL PERMETTANT DE CHAUFFER UN MATERIAU**
[72] MILLER, ROBERT JAMES, US
[72] RAWLINGS, DIANE C., US
[73] THE BOEING COMPANY, US
[85] 2015-03-11
[86] 2013-09-19 (PCT/US2013/060534)
[87] (WO2014/070327)
[30] US (13/665,969) 2012-11-01

[11] **2,884,848**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) C07D 401/12 (2006.01) C07D 407/14 (2006.01) C07D 409/14 (2006.01) C07D 491/08 (2006.01)**
[25] EN
[54] **BENZAMIDE AND HETEROBENZAMIDE COMPOUNDS**
[54] **COMPOSES DE BENZAMIDE ET HETEROBENZAMIDE**
[72] EDWARDS, MARTIN PAUL, US
[72] KUMPF, ROBERT ARNOLD, US
[72] KUNG, PEI-PEI, US
[72] MCALPINE, INDRAWAN JAMES, US
[72] RUI, EUGENE YUANJIN, US
[72] SUTTON, SCOTT CHANNING, US
[72] TATLOCK, JOHN HOWARD, US
[72] WYTHES, MARTIN JAMES, US
[73] PFIZER INC., US
[85] 2015-03-12
[86] 2013-09-16 (PCT/IB2013/058580)
[87] (WO2014/049488)
[30] US (61/707,447) 2012-09-28

[11] **2,885,019**
[13] C
[51] **Int.Cl. G08G 1/01 (2006.01) G08G 1/017 (2006.01)**
[25] EN
[54] **ROBUST WINDSHIELD DETECTION VIA LANDMARK LOCALIZATION**
[54] **DETECTION DE PARE-BRISE ROBUSTE PAR LOCALISATION DE REPERE GEOGRAPHIQUE**
[72] XU, BEILEI, US
[72] ARTAN, YUSUF O., US
[72] PAUL, PETER, US
[73] XEROX CORPORATION, US
[86] (2885019)
[87] (2885019)
[22] 2015-03-10
[30] US (14/245319) 2014-04-04

[11] **2,885,152**
[13] C
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 19/00 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **MODULAR COILED TUBING UNIT**
[54] **UNITE DE TUBULURE ENROULEE MODULAIRE**
[72] WITTE, BRETT, US
[72] PARK, DO SEO, US
[73] PREMIER COIL SOLUTIONS, INC., US
[85] 2015-03-16
[86] 2013-09-20 (PCT/US2013/060984)
[87] (WO2014/047474)
[30] US (61/703,672) 2012-09-20
[30] US (13/962,767) 2013-08-08

[11] **2,885,320**
[13] C
[51] **Int.Cl. F04B 39/00 (2006.01) F04B 53/14 (2006.01)**
[25] EN
[54] **SEGMENTED FLUID END**
[54] **PARTIE HYDRAULIQUE SEGMENTEE**
[72] FOOTE, EARL, US
[73] SOUTHWEST OILFIELD PRODUCTS, INC., US
[85] 2015-03-17
[86] 2013-10-16 (PCT/US2013/065182)
[87] (WO2014/062768)
[30] US (61/715,140) 2012-10-17

[11] **2,885,888**
[13] C
[51] **Int.Cl. E21B 19/18 (2006.01) E21B 4/06 (2006.01) E21B 17/046 (2006.01)**
[25] EN
[54] **LOAD CROSS-OVER SLIP-JOINT MECHANISM AND METHOD OF USE**
[54] **MECANISME DE JOINT COULISSANT DE PONT DE CHARGE ET PROCEDE D'UTILISATION**
[72] STAUTZENBERGER, ARTHUR, US
[72] WATSON, BROCK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-20
[86] 2012-10-01 (PCT/US2012/058242)
[87] (WO2014/055060)

[11] **2,886,536**
[13] C
[51] **Int.Cl. B60N 2/01 (2006.01)**
[25] EN
[54] **COMPACT SEATING ARRANGEMENT**
[54] **DISPOSITION COMPACTE DE SIEGES**
[72] MURRAY, IAN GORDON, GB
[73] GORDON MURRAY DESIGN LIMITED, GB
[86] (2886536)
[87] (2886536)
[22] 2008-03-14
[62] 2,680,427
[30] GB (0704966.1) 2007-03-15

[11] **2,887,120**
[13] C
[51] **Int.Cl. H04N 19/50 (2014.01) H04N 19/00 (2014.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING VIDEO SIGNAL**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER UN SIGNAL VIDEO**
[72] KOO, MOONMO, KR
[72] JUNG, JIWOOK, KR
[72] YEA, SEHOON, KR
[72] HEO, JIN, KR
[72] KIM, TAESUP, KR
[72] SUNG, JAEWON, KR
[72] SON, EUNYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-04-02
[86] 2013-10-04 (PCT/KR2013/008864)
[87] (WO2014/054896)
[30] US (61/710,759) 2012-10-07

[11] **2,887,218**
[13] C
[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/40 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEM FOR AMPLIFICATION OF A FETAL DNA SPECIES**
[54] **SYSTEME D'AMPLIFICATION D'UNE ESPECE D'ADN FOETAL**
[72] LO, YUK MING DENNIS, HK
[72] POON, LIT MAN, HK
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
[86] (2887218)
[87] (2887218)
[22] 2002-08-30
[62] 2,456,140
[30] US (09/944,951) 2001-08-31

[11] **2,887,394**
[13] C
[51] **Int.Cl. E21B 7/06 (2006.01)**
[25] EN
[54] **DIRECTIONAL DRILLING CONTROL USING A BENDABLE DRIVESHAFT**
[54] **COMMANDE DE FORAGE DIRECTIONNEL A L'AIDE D'UN ARBRE DE COMMANDE PLIABLE**
[72] SITKA, MARK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-07
[86] 2012-12-21 (PCT/US2012/071235)
[87] (WO2014/098892)

[11] **2,887,564**
[13] C
[51] **Int.Cl. E21B 19/10 (2006.01)**
[25] EN
[54] **METHOD OF CONTINUOUSLY RAISING AND LOWERING OILFIELD SHAFT DRILLSTRING AND DOUBLE TRAVELING SLIPS DEVICE**
[54] **PROCEDE DE LEVAGE/ABAISSEMENT CONTINU DE TRAIN DE TIGES DE FORAGE DE PUITS DE PETROLE ET APPAREIL A CALES MOBILES JUMELEES**
[72] HU, YONG, CN
[72] WANG, ZHIYI, CN
[72] LIN, ZHIZHONG, CN
[72] WEI, LIYAN, CN
[73] SONGYUAN CITY FORWARD PETROLEUM ENGINEERING MACHINERY CO., LTD, CN
[73] HU, YONG, CN
[85] 2015-04-07
[86] 2013-09-29 (PCT/CN2013/084585)
[87] (WO2014/056409)
[30] CN (201210381451.5) 2012-10-10

[11] **2,887,573**
[13] C
[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/80 (2006.01) A61F 2/42 (2006.01)**
[25] EN
[54] **MEDIAL-PLANTAR PLATE FOR MEDIAL COLUMN ARTHRODESIS**
[54] **PLAQUE PLANTAIRE INTERNE POUR ARTHRODESE DE LA COLONNE MEDIALE**
[72] PATEL, VINAY, US
[72] MCCOMBS-STEARNS, MARY, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-08
[86] 2014-09-11 (PCT/US2014/055141)
[87] (WO2016/039753)

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[11] **2,888,003**
[13] C
[51] **Int.Cl. C10G 55/06 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING LOW-GRADE HEAVY OIL**
[54] **PROCEDE POUR LE TRAITEMENT D'HUILE LOURDE DE QUALITE INFERIEURE**
[72] WANG, GANG, CN
[72] GAO, JINSEN, CN
[72] XU, CHUNMING, CN
[72] SHEN, BAOJIAN, CN
[72] WANG, HONGLIANG, CN
[73] CHINA UNIVERSITY OF PETROLEUM-BEIJING, CN
[85] 2014-09-24
[86] 2014-06-03 (PCT/CN2014/079081)
[87] (WO2015/043225)
[30] CN (201310455197.3) 2013-09-29

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[11] **2,888,228**
[13] C
[51] **Int.Cl. B60W 30/08 (2012.01) B60P 1/04 (2006.01)**
[25] EN
[54] **TRANSPORTER VEHICLE, DUMP TRUCK, AND TRANSPORTER VEHICLE CONTROL METHOD**
[54] **VEHICULE TRANSPORTEUR, CAMION A BENNE ET METHODE DE COMMANDE DE VEHICULE TRANSPORTEUR**
[72] OHSUGI, SHIGERU, JP
[72] MITSUTA, SHINJI, JP
[72] WATANABE, HIROYUKI, JP
[72] MINATO, HIROFUMI, JP
[72] FUJITA, TETSUYA, JP
[73] KOMATSU LTD., JP
[85] 2015-04-13
[86] 2014-09-01 (PCT/JP2014/072942)
[87] (WO2015/030240)

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[11] **2,888,253**
[13] C
[51] **Int.Cl. B05B 15/04 (2006.01)**
[25] FR
[54] **PROTECTION DEVICE AND METHOD IMPLEMENTING SUCH A DEVICE**
[54] **DISPOSITIF DE PROTECTION ET PROCEDE METTANT EN OEUVRE UN TEL DISPOSITIF**
[72] KRATZ, MARINE, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2888253)
[87] (2888253)
[22] 2015-04-15
[30] FR (14 53985) 2014-04-30

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[11] **2,888,349**
[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/26 (2006.01) F16K 15/18 (2006.01)**
[25] EN
[54] **DOWNHOLE VALVE ASSEMBLY AND METHODS OF USING THE SAME**
[54] **ENSEMBLE SOUPAPE DE FOND ET SES PROCEDES D'UTILISATION**
[72] LINDSAY, SHARLENE DAWN, US
[72] HOWARD, ROBERT GORDON, US
[72] JONES, DESMOND WESLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-13
[86] 2013-11-05 (PCT/US2013/068450)
[87] (WO2014/085036)
[30] US (13/687,905) 2012-11-28

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[11] **2,888,433**
[13] C
[51] **Int.Cl. A24D 3/04 (2006.01) A24D 3/02 (2006.01)**
[25] EN
[54] **INSERTABLE FILTER UNIT**
[54] **UNITE DE FILTRE POUVANT ETRE INTRODUITE**
[72] BROOKBANK, AARON, GB
[72] YOUNG, RICHARD, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2015-04-15
[86] 2013-12-19 (PCT/EP2013/077544)
[87] (WO2014/096291)
[30] GB (1223159.3) 2012-12-21

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[11] **2,888,649**
[13] C
[51] **Int.Cl. C25B 1/06 (2006.01) F02M 25/12 (2006.01)**
[25] EN
[54] **HYDROGEN ON-DEMAND FUEL SYSTEM FOR INTERNAL COMBUSTION ENGINES**
[54] **SYSTEME D'ALIMENTATION A LA DEMANDE EN HYDROGENE COMME CARBURANT POUR MOTEURS A COMBUSTION INTERNE**
[72] MONROS, SERGE V., US
[73] MONROS, SERGE V., US
[85] 2015-04-16
[86] 2014-01-30 (PCT/US2014/013905)
[87] (WO2014/120954)
[30] US (61/759,456) 2013-02-01
[30] US (14/168,567) 2014-01-30

[11] **2,888,881**
[13] C
[51] **Int.Cl. C09D 201/00 (2006.01) B41M 5/025 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **FILM-FORMING HYDROPHILIC POLYMERS FOR TRANSFIX PRINTING PROCESS**
[54] **POLYMERES HYDROPHILES FORMANT UNE PELLICULE DESTINES AU PROCEDE D'IMPRESSION TRANSFIX**
[72] SONG, GUIQIN, GAIL, CA
[72] SISLER, GORDON, CA
[72] YANG, SUXIA, CA
[72] ZHANG, QI, CA
[72] DOOLEY, BRYNN, CA
[72] MAYO, JAMES D., CA
[72] IFTIME, GABRIEL, US
[72] LIU, CHU-HENG, US
[72] ABRAHAM, BIBY ESTHER, CA
[73] XEROX CORPORATION, US
[86] (2888881)
[87] (2888881)
[22] 2015-04-20
[30] US (14/266,484) 2014-04-30

[11] **2,888,990**
[13] C
[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/01 (2006.01)**
[25] EN
[54] **JOINT ASSEMBLY FOR MEDICAL DEVICES**
[54] **ENSEMBLE DE FERMETURE POUR DISPOSITIFS MEDICAUX**
[72] LARSEN, COBY C., US
[72] MASTERS, STEVEN J., US
[72] MCDANIEL, THOMAS R., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-04-21
[86] 2013-10-30 (PCT/US2013/067510)
[87] (WO2014/078078)
[30] US (61/727,328) 2012-11-16
[30] US (13/834,562) 2013-03-15

[11] **2,889,012**
[13] C
[51] **Int.Cl. B01J 19/24 (2006.01) C10G 45/00 (2006.01) C10G 47/00 (2006.01)**
[25] EN
[54] **HIGH-RATE REACTOR SYSTEM**
[54] **SYSTEME DE REACTEUR A DEBIT ELEVE**
[72] COPPOLA, EDWARD N., US
[72] NANA, SANJAY, US
[72] RED, CHARLES, JR, US
[73] APPLIED RESEARCH ASSOCIATES, INC., US
[85] 2015-04-21
[86] 2013-10-22 (PCT/US2013/066191)
[87] (WO2014/066396)
[30] US (61/716,636) 2012-10-22
[30] US (61/824,167) 2013-05-16

[11] **2,889,132**
[13] C
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/70 (2006.01)**
[25] EN
[54] **EXPANDED WELLBORE SERVICING MATERIALS AND METHODS OF MAKING AND USING SAME**
[54] **MATERIAUX EXPANSES D'ENTRETIEN DE PUITS DE FORAGE ET PROCEDES POUR LES PREPARER ET LES UTILISER**
[72] TANG, TINGJI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-21
[86] 2013-09-24 (PCT/US2013/061425)
[87] (WO2014/065973)
[30] US (13/662,105) 2012-10-26

[11] **2,889,134**
[13] C
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **WELL SCREEN WITH CHANNEL FOR SHUNT OR CABLE LINE**
[54] **CREPINE DE PUITS DOTEE DE CANAL POUR CABLE METALLIQUE OU DE DERIVATION**
[72] CUNNINGHAM, GREGORY SCOTT, US
[72] GRECI, STEPHEN MICHAEL, US
[72] LOPEZ, JEAN MARC, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-21
[86] 2012-10-26 (PCT/US2012/062123)
[87] (WO2014/065815)

[11] **2,889,605**
[13] C
[51] **Int.Cl. G01M 15/08 (2006.01) F02D 41/22 (2006.01) G01L 23/22 (2006.01)**
[25] EN
[54] **DETECTING AND MITIGATING ABNORMAL COMBUSTION CHARACTERISTICS**
[54] **DETECTION ET ATTENUATION DES CARACTERISTIQUES DE COMBUSTION ANORMALES**
[72] HUANG, JIAN, CA
[72] LEE, KEVIN D., CA
[73] WESTPORT POWER INC., CA
[86] (2889605)
[87] (2889605)
[22] 2015-04-23

[11] **2,889,838**
[13] C
[51] **Int.Cl. A63B 67/14 (2006.01) A63B 43/06 (2006.01)**
[25] EN
[54] **NIGHT PUCK**
[54] **RONDELLE DE NUIT**
[72] RICHARD, RICKY, CA
[73] NIGHT PUCK TECHNOLOGY INC., CA
[86] (2889838)
[87] (2889838)
[22] 2015-04-30

[11] **2,889,923**
[13] C
[51] **Int.Cl. B66C 1/10 (2006.01) B66C 1/42 (2006.01) F03D 1/00 (2006.01)**
[25] EN
[54] **GRIPPING DEVICE FOR HANDLING REINFORCEMENT CAGES FOR TOWER SEGMENTS OF A WIND TURBINE**
[54] **DISPOSITIF DE PREHENSION DESTINE A MANIPULER DES CAGES D'ARMATURE POUR DES SEGMENTS DE TOUR D'UNE EOLIENNE**
[72] MEYER, INGO, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-04-29
[86] 2013-10-14 (PCT/EP2013/071427)
[87] (WO2014/079628)
[30] DE (10 2012 221 453.4) 2012-11-23

[11] **2,889,966**
[13] C
[51] **Int.Cl. H04B 10/2575 (2013.01)**
[25] EN
[54] **INTEGRATED CIRCUITS IN OPTICAL RECEIVERS**
[54] **CIRCUITS INTEGRES DANS DES RECEPTEURS OPTIQUES**
[72] KALOGERAKIS, GEORGIOS, US
[72] LI, LIONEL, US
[72] NGUYEN, THE'LINH, US
[73] FINISAR CORPORATION, US
[85] 2015-04-29
[86] 2013-10-28 (PCT/US2013/067130)
[87] (WO2014/070675)
[30] US (13/663,056) 2012-10-29

[11] **2,890,138**
[13] C
[51] **Int.Cl. B66B 7/12 (2006.01)**
[25] EN
[54] **LIFT INSTALLATION**
[54] **INSTALLATION D'UN APPAREIL DE LEVAGE**
[72] DOLD, FLORIAN, CH
[72] ZAPF, VOLKER, CH
[73] INVENTIO AG, CH
[85] 2015-04-30
[86] 2013-12-06 (PCT/EP2013/075826)
[87] (WO2014/095430)
[30] EP (12197674.0) 2012-12-18

[11] **2,890,390**
[13] C
[51] **Int.Cl. A43B 1/04 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **ARTICLE OF FOOTWEAR INCORPORATING BRAIDED TENSILE STRANDS**
[54] **ARTICLE DE CHAUSSURE RENFERMANT DES FILS DE TENSION TRESSES**
[72] FOLLET, LYSANDRE, US
[73] NIKE INNOVATE C.V., US
[85] 2015-05-04
[86] 2014-01-14 (PCT/US2014/011393)
[87] (WO2014/113356)
[30] US (13/741,449) 2013-01-15

[11] **2,890,743**
[13] C
[51] **Int.Cl. B01D 53/54 (2006.01) B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **ISOBARIC PRESSURE EXCHANGER IN AMINE GAS PROCESSING**
[54] **ECHANGEUR DE PRESSION ISOBARE DANS UN TRAITEMENT DE GAZ AMINE**
[72] ARLUCK, JAMES LEE, US
[72] MARTIN, JEREMY GRANT, US
[72] KRISH, PREM, US
[73] ENERGY RECOVERY, INC., US
[85] 2015-05-05
[86] 2013-11-08 (PCT/US2013/069328)
[87] (WO2014/074939)
[30] US (61/724,031) 2012-11-08
[30] US (14/074,530) 2013-11-07

[11] **2,890,761**
[13] C
[51] **Int.Cl. B29C 70/54 (2006.01) B29C 70/20 (2006.01) B29C 70/30 (2006.01) B64C 1/06 (2006.01)**
[25] EN
[54] **METHOD OF FABRICATING A CURVED COMPOSITE STRUCTURE USING COMPOSITE PREPREG TAPE**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE COMPOSITE INCURVEE A L'AIDE D'UNE BANDE DE PREIMPREGNE COMPOSITE**
[72] SMITH, DANIEL RICHARD, US
[72] MODIN, ANDREW E., US
[72] DEPASE, EDOARDO, US
[72] DARROW, DONALD CHESTER, US
[72] KLEWIADA, MARK, US
[73] THE BOEING COMPANY, US
[85] 2015-05-05
[86] 2013-11-20 (PCT/US2013/070918)
[87] (WO2014/107241)
[30] US (13/736,021) 2013-01-07

[11] **2,891,734**
[13] C
[51] **Int.Cl. E21B 23/08 (2006.01) E21B 23/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A WELLBORE ACCUMULATOR SYSTEM ASSEMBLY**
[54] **METHODE ET APPAREIL DESTINES A UN MECANISME DE SYSTEME D'ACCUMULATEUR DE TROU DE FORAGE**
[72] FAGLEY, WALTER STONE THOMAS,IV, US
[72] INGRAM, GARY DURON, US
[72] WILSON, PAUL JAMES, US
[72] HARRALL, SIMON JOHN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2891734)
[87] (2891734)
[22] 2010-10-26
[62] 2,720,076
[30] US (61/258,847) 2009-11-06

[11] **2,891,790**
[13] C
[51] **Int.Cl. B28C 7/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CALCULATING AND REPORTING SLUMP IN DELIVERY VEHICLES**
[54] **PROCEDE ET SYSTEME POUR CALCULER ET RAPPORTER UN AFFAISSEMENT DE VEHICULES DE LIVRAISON**
[72] COOLEY, ROY, US
[72] VERDINO, STEVE, US
[72] TOPPUTO, MICHAEL, US
[72] COMPTON, JOHN I., US
[72] BRICKLER, JEROLD, US
[72] FITZPATRICK, ROBERT B., US
[72] PETERS, MARK E., US
[73] VERIFI LLC, US
[86] (2891790)
[87] (2891790)
[22] 2008-06-19
[62] 2,691,689
[30] US (11/764,832) 2007-06-19
[30] US (11/834,002) 2007-08-05

[11] **2,892,247**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **VERTICAL COAPTATION ZONE IN A PLANAR PORTION OF PROSTHETIC HEART VALVE LEAFLET**
[54] **ZONE DE COAPTATION VERTICALE DANS UNE PARTIE PLANAIRE DE FEUILLET DE VALVULE CARDIAQUE PROTHETIQUE**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-05-22
[86] 2013-12-16 (PCT/US2013/075380)
[87] (WO2014/099774)
[30] US (61/739,721) 2012-12-19
[30] US (13/869,524) 2013-04-24

[11] **2,892,475**
[13] C
[51] **Int.Cl. B64C 25/26 (2006.01)**
[25] FR
[54] **LANDING GEAR WITH REALIGNING LOCK LINK ASSEMBLY**
[54] **ATTERRISSEUR A CONTREFICHE SECONDAIRE A REALIGNEMENT**
[72] HENRION, PHILIPPE, FR
[72] DUCOS, DOMINIQUE, FR
[72] NGUYEN, NICOLAS, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[85] 2015-05-21
[86] 2013-11-29 (PCT/EP2013/075129)
[87] (WO2014/083170)
[30] FR (12 03253) 2012-11-30

[11] **2,893,291**
[13] C
[51] **Int.Cl. B64D 11/04 (2006.01)**
[25] EN
[54] **GALLEY CART BAY DOOR LATCH**
[54] **LOQUET DE PORTE DE BAIE DE CHARIOT DE CUISINE DE BORD**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
[85] 2015-05-29
[86] 2013-11-27 (PCT/US2013/072317)
[87] (WO2014/085644)
[30] US (61/731,275) 2012-11-29
[30] US (14/091,045) 2013-11-26

[11] **2,893,440**
[13] C
[51] **Int.Cl. B29C 70/50 (2006.01) B29D 99/00 (2010.01)**
[25] EN
[54] **FABRICATION OF REINFORCED THERMOPLASTIC COMPOSITE PARTS**
[54] **FABRICATION DE PIECES COMPOSITES THERMOPLASTIQUES RENFORCEES**
[72] BARTEL, AARON W., US
[72] GIDEON, DAVID E., US
[72] LARSON, MICHAEL H., US
[73] THE BOEING COMPANY, US
[85] 2015-06-01
[86] 2013-11-18 (PCT/US2013/070565)
[87] (WO2014/107236)
[30] US (13/732,624) 2013-01-02

[11] **2,893,707**
[13] C
[51] **Int.Cl. B66B 17/08 (2006.01) B66B 17/26 (2006.01) B66B 17/32 (2006.01)**
[25] EN
[54] **LARGE-TONNAGE SLENDER EXTERNALLY POWERED CURVE RAIL-MOUNTED UNLOADING SKIP**
[54] **BENNE DE DECHARGEMENT MONTEE SUR RAIL COURBE ALIMENTEE DE L'EXTERIEUR ET AYANT UNE FORME MINCE ET UN TONNAGE ELEVE**
[72] ZHU, ZHENCAI, CN
[72] ZHOU, GONGBO, CN
[72] HU, CHANGHUA, CN
[72] CAO, GUOHUA, CN
[72] LI, WEI, CN
[72] CHEN, GUOAN, CN
[72] PENG, YUXING, CN
[72] DU, QINGYONG, CN
[72] WANG, MIAO, CN
[73] XUZHOU COAL MINE SAFETY EQUIPMENT MANUFACTURE CO., LTD., CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2015-09-24
[86] 2014-03-26 (PCT/CN2014/074090)
[87] (WO2015/074358)
[30] CN (201310598737.3) 2013-11-25

[11] **2,893,815**
[13] C
[51] **Int.Cl. C21B 3/06 (2006.01) C22B 34/12 (2006.01)**
[25] EN
[54] **METHOD FOR HANDLING OF TITANIA SLAG FOR FURTHER PROCESSING**
[54] **PROCEDE DE MANIPULATION DE LAITIER DE DIOXYDE DE TITANE EN VUE D'UN TRAITEMENT ULTERIEUR**
[72] PALANDER, MARKO, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-06-04
[86] 2013-12-18 (PCT/FI2013/051176)
[87] (WO2014/096541)
[30] FI (20126334) 2012-12-19

[11] **2,894,749**
[13] C
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **INSERTS HAVING GEOMETRICALLY SEPARATE MATERIALS FOR SLIPS ON DOWNHOLE TOOL**
[54] **PIECES RAPPORTEES POURVUES DE MATERIAUX SEPARES GEOMETRIQUEMENT POUR ENSEMBLES DE GLISSEMENT D'OUTIL DE FOND DE TROU**
[72] MHASKAR, NAUMAN H., US
[72] ROCHEN, JAMES A., US
[72] YOUNG, JONATHAN A., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2894749)
[87] (2894749)
[22] 2015-06-17
[30] US (62/013,835) 2014-06-18

---

[11] **2,895,348**
[13] C
[51] **Int.Cl. F16B 37/06 (2006.01) B23P 19/06 (2006.01)**
[25] EN
[54] **METHOD FOR ATTACHING A JOINT ELEMENT IN A METAL SHEET AND JOINT ELEMENT**
[54] **PROCEDE PERMETTANT DE FIXER UN ELEMENT A ASSEMBLER DANS UNE TOLE METALLIQUE, ET ELEMENT A ASSEMBLER**
[72] SCHMIDT, HEIKO, DE
[73] SCHMIDT, HEIKO, DE
[85] 2015-06-16
[86] 2014-03-03 (PCT/DE2014/100072)
[87] (WO2014/166478)
[30] DE (10 2013 103 609.0) 2013-04-10
[30] DE (10 2013 104 224.4) 2013-04-25

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[11] **2,895,782**
[13] C
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/517 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 471/08 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRIMIDINE AMINOALKYL-QUINAZOLONES AS PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **PYRIMIDINE AMINOALKYL-QUINAZOLONES SUBSTITUEES EN TANT QU'INHIBITEURS DE PHOSPHATIDYLINOSITOL 3-KINASE**
[72] EVARTS, JERRY, US
[72] PATEL, LEENA, US
[72] TREIBERG, JENNIFER A., US
[72] PERREAULT, STEPHANE, US
[72] YEUNG, ARTHUR, US
[72] PURVIS, LAFE J., II, US
[72] KIM, MUSONG, US
[73] GILEAD CALISTOGA LLC, US
[85] 2015-06-18
[86] 2013-12-20 (PCT/US2013/077311)
[87] (WO2014/100765)
[30] US (61/745,429) 2012-12-21

---

[11] **2,896,143**
[13] C
[51] **Int.Cl. A61B 17/84 (2006.01) A61B 17/16 (2006.01) A61B 17/88 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **MTV IMPLANT SET**
[54] **KIT D'IMPLANTATION MTV**
[72] MULLER, FRIEDRICH, DE
[73] MULLER, FRIEDRICH, DE
[85] 2015-06-22
[86] 2013-01-15 (PCT/EP2013/050682)
[87] (WO2014/111134)

---

[11] **2,896,544**
[13] C
[51] **Int.Cl. F21S 8/00 (2006.01) F21K 9/00 (2016.01) F21V 13/04 (2006.01) A47F 11/10 (2006.01)**
[25] EN
[54] **CABINET LAMP**
[54] **LAMPE D'ARMOIRE**
[72] YU, LI, CN
[72] CHUN, CHEN NAN, CN
[72] FENG, DU, CN
[72] LIANG, XIN HUI, CN
[73] ZHONGSHAN WINSTAR ELECTRICAL CO., LTD., CN
[86] (2896544)
[87] (2896544)
[22] 2015-07-09
[30] CN (201520184182.2) 2015-03-25

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[11] **2,897,044**
[13] C
[51] **Int.Cl. G06K 7/08 (2006.01) H04W 4/24 (2009.01) H04W 12/06 (2009.01) H04W 84/18 (2009.01) G06Q 20/32 (2012.01) H04B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A BASEBAND NEARFIELD MAGENTIC STRIPE DATA TRANSMITTER**
[54] **SYSTEME ET PROCEDE POUR UN EMETTEUR DE DONNEES A PISTE MAGNETIQUE EN CHAMP PROCHE EN BANDE DE BASE**
[72] WALLNER, GEORGE, US
[73] SAMSUNG PAY, INC., US
[85] 2015-07-02
[86] 2014-01-10 (PCT/US2014/010964)
[87] (WO2014/113278)
[30] US (61/754,608) 2013-01-20
[30] US (13/826,101) 2013-03-14
[30] US (13/867,387) 2013-04-22

[11] **2,897,090**
[13] C
[51] **Int.Cl. G01T 1/20 (2006.01) G01V 5/00 (2006.01)**
[25] EN
[54] **COMPOUND OPTICAL COUPLER AND SUPPORT MECHANISM**
[54] **COUPLEUR OPTIQUE COMPOSE ET MECANISME SUPPORT**
[72] MEDLEY, DWIGHT, US
[72] FREDERICK, LARRY D., US
[72] ESTILL, DEAN, US
[73] HUNTING TITAN, INC., US
[86] (2897090)
[87] (2897090)
[22] 2007-02-06
[62] 2,641,527
[30] US (11/347,567) 2006-02-06

[11] **2,897,309**
[13] C
[51] **Int.Cl. E03D 1/30 (2006.01)**
[25] EN
[54] **TOILET FLAPPER VALVE WITH ADJUSTABLE MOUNTS AND ASSEMBLY**
[54] **CLAPET A BATTANT POUR TOILETTE DOTE DE FIXATIONS REGLABLES**
[72] GUTHRIE, KEVIN J., US
[72] DEAN, MICHAEL, US
[73] LAVELLE INDUSTRIES, INC., US
[86] (2897309)
[87] (2897309)
[22] 2015-07-14
[30] US (62/024,126) 2014-07-14

[11] **2,897,497**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHODS OF DESIGNING A DRILLING FLUID HAVING SUSPENDABLE LOSS CIRCULATION MATERIAL**
[54] **PROCEDES POUR LA CONCEPTION D'UN FLUIDE DE FORAGE AYANT UN MATERIAU DE CIRCULATION PERDU POUVANT ETRE MIS EN SUSPENSION**
[72] KULKARNI, SANDEEP D., US
[72] TEKE, KUSHABHAU D., IN
[72] SAVARI, SHARATH, US
[72] JAMISON, DALE E., US
[72] WHITFILL, DON, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-07
[86] 2014-03-10 (PCT/US2014/022456)
[87] (WO2014/164447)
[30] US (13/798,560) 2013-03-13

[11] **2,897,800**
[13] C
[51] **Int.Cl. G01D 21/00 (2006.01)**
[25] EN
[54] **WIRELESS INTERFACE WITHIN TRANSMITTER**
[54] **INTERFACE RADIO A L'INTERIEUR D'UN TRANSMETTEUR**
[72] KOROLEV, EUGENE, US
[73] ROSEMOUNT INC., US
[85] 2015-07-09
[86] 2014-01-30 (PCT/US2014/013774)
[87] (WO2014/143429)
[30] US (13/835,074) 2013-03-15

[11] **2,897,850**
[13] C
[51] **Int.Cl. G01F 1/32 (2006.01) G01F 1/46 (2006.01) G01F 1/50 (2006.01)**
[25] EN
[54] **FLOWMETER PRIMARY ELEMENT WITH SENSORS**
[54] **ELEMENT PRIMAIRE DE DEBITMETRE DOTE DE CAPTEURS**
[72] STROM, GREGORY ROBERT, US
[72] HEDTKE, ROBERT CARL, US
[72] WIKLUND, DAVID EUGENE, US
[73] ROSEMOUNT INC., US
[85] 2015-07-09
[86] 2014-02-04 (PCT/US2014/014567)
[87] (WO2014/149203)
[30] US (13/834,613) 2013-03-15

[11] **2,898,444**
[13] C
[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **DETERMINING FRACTURE LENGTH VIA RESONANCE**
[54] **DETERMINATION DE LONGUEUR DE FRACTURE PAR L'INTERMEDIAIRE DE RESONANCE**
[72] DOROVSKY, VITALY N., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-16
[86] 2013-12-13 (PCT/US2013/074963)
[87] (WO2014/113160)
[30] US (13/745,232) 2013-01-18

[11] **2,898,465**
[13] C
[51] **Int.Cl. A61F 13/04 (2006.01) A61F 13/06 (2006.01)**
[25] EN
[54] **TOTAL CONTACT CAST**
[54] **PLATRE A CONTACT TOTAL**
[72] ANDREWS, HUGH, DE
[72] MCCALL, SCOTT ANDREW, US
[73] BSN MEDICAL, INC., US
[85] 2015-07-16
[86] 2013-04-17 (PCT/US2013/036869)
[87] (WO2014/171928)

[11] **2,898,830**
[13] C
[51] **Int.Cl. D06F 39/00 (2006.01) D06F 39/02 (2006.01)**
[25] EN
[54] **LAUNDRY TREATMENT APPARATUS WITH WATER SUPPLY UNIT AND SOFTENER SUPPLY UNIT WITH PARTS IN FLUIDIC COMMUNICATION**
[54] **APPAREIL DE TRAITEMENT DE LA LESSIVE DOTE D'UN MODULE D'APPROVISIONNEMENT EN EAU ET D'UN MODULE D'APPROVISIONNEMENT EN ASSOUPLISSEUR COMPORTANT DES PIECES EN COMMUNICATION FLUIDIQUE**
[72] LEE, JIHONG, KR
[72] SANG, MINKYU, KR
[73] LG ELECTRONICS INC., KR
[86] (2898830)
[87] (2898830)
[22] 2015-07-29
[30] KR (10-2014-0097234) 2014-07-30

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[11] **2,898,874**
[13] C
[51] **Int.Cl. D03D 1/00 (2006.01) A62B 35/00 (2006.01) A62B 35/04 (2006.01) B60R 22/16 (2006.01) B64D 25/06 (2006.01) D03D 11/00 (2006.01) D03D 15/04 (2006.01) D03D 15/08 (2006.01)**
[25] EN
[54] **ENERGY ABSORBING FABRIC AND METHOD OF MANUFACTURING SAME**
[54] **TISSU ABSORBANT DE L'ENERGIE ET SON PROCEDE DE FABRICATION**
[72] RUSSELL, TIMOTHY M., US
[73] YKK CORPORATION OF AMERICA, US
[85] 2015-07-21
[86] 2014-01-22 (PCT/US2014/012417)
[87] (WO2014/143411)
[30] US (13/828,367) 2013-03-14

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[11] **2,899,526**
[13] C
[51] **Int.Cl. B29C 45/64 (2006.01)**
[25] EN
[54] **AN ACTUATOR FOR A MOLDING SYSTEM**
[54] **ACTIONNEUR POUR UN SYSTEME DE MOULAGE**
[72] NOGUEIRA, JOAQUIM MARTINS, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2015-07-28
[86] 2014-01-21 (PCT/CA2014/050039)
[87] (WO2014/127469)
[30] US (61/766,204) 2013-02-19

---

[11] **2,900,548**
[13] C
[51] **Int.Cl. C09K 15/06 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **LOW VISCOSITY METAL-BASED HYDROGEN SULFIDE SCAVENGERS**
[54] **PIEGEURS DE SULFURE D'HYDROGENE A BASE D'UN METAL DE FAIBLE VISCOSITE**
[72] SANDU, CORINA L., US
[72] BAO, YUN, US
[72] WEERS, JERRY J., US
[72] POLAND, ROSS, US
[72] LEUNG, PHILIP L., US
[72] ZHANG, LEI, US
[72] SCHIELD, JOHN A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-08-06
[86] 2014-02-19 (PCT/US2014/017037)
[87] (WO2014/130503)
[30] US (61/766,512) 2013-02-19
[30] US (14/183,109) 2014-02-18

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[11] **2,900,702**
[13] C
[51] **Int.Cl. F01K 13/00 (2006.01) E21B 43/24 (2006.01) F01K 17/02 (2006.01) F01K 23/10 (2006.01) F01K 23/14 (2006.01)**
[25] EN
[54] **PROCESSING EXHAUST FOR USE IN ENHANCED OIL RECOVERY**
[54] **TRAITEMENT DE L'ECHAPPEMENT A UTILISER DANS UNE RECUPERATION DE PETROLE AMELIOREE**
[72] HUNTINGTON, RICHARD A., US
[72] DENTON, ROBERT D., US
[72] MCMAHON, PATRICK D., US
[72] BOHRA, LALIT K., US
[72] DICKSON, JASPER L., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-08-07
[86] 2014-02-24 (PCT/US2014/018088)
[87] (WO2014/137647)
[30] US (61/775,167) 2013-03-08

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[11] **2,900,854**
[13] C
[51] **Int.Cl. C07K 5/078 (2006.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **TUBULYSIN COMPOUNDS, METHODS OF MAKING AND USE**
[54] **COMPOSES DE TUBULYSINE, PROCEDES D'ELABORATION ET D'UTILISATION CORRESPONDANTS**
[72] CHENG, HENG, US
[72] CONG, QIANG, US
[72] GANGWAR, SANJEEV, US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2015-08-10
[86] 2014-02-10 (PCT/US2014/015503)
[87] (WO2014/126836)
[30] US (61/764,825) 2013-02-14

[11] **2,901,301**
[13] C
[51] **Int.Cl. A61L 2/26 (2006.01) A61L 2/28 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **BIOLOGICAL INDICATOR FOR OXIDATIVE STERILANTS**
[54] **INDICATEUR BIOLOGIQUE POUR DES AGENTS STERILISANTS OXYDANTS**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2015-08-13
[86] 2014-02-24 (PCT/US2014/017916)
[87] (WO2014/149384)
[30] US (13/840,509) 2013-03-15

[11] **2,901,303**
[13] C
[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/00 (2006.01) C12Q 1/22 (2006.01) C12Q 1/26 (2006.01) C12Q 1/54 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **METHOD AND STERILIZATION INDICATOR SYSTEM FOR DETERMINING EFFICACY OF STERILIZATION PROCESSES**
[54] **METHODE ET SYSTEME D'INDICATEUR DE STERILISATION SERVANT A DETERMINER L'EFFICACITE DES PROCEDES DE STERILISATION**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2015-08-13
[86] 2014-02-24 (PCT/US2014/017907)
[87] (WO2014/149382)
[30] US (13/832,158) 2013-03-15

[11] **2,901,401**
[13] C
[51] **Int.Cl. C08G 77/04 (2006.01) H01L 33/56 (2010.01) H01L 23/29 (2006.01)**
[25] EN
[54] **SILOXANE COMPOUND AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSE SILOXANE ET SON PROCEDE DE PRODUCTION**
[72] LIU, YUZHOU, US
[72] KELLER, KEITH A., US
[72] WILSON, MICHAEL E., US
[73] MILLIKEN & COMPANY, US
[85] 2015-08-14
[86] 2014-04-11 (PCT/US2014/033755)
[87] (WO2014/169184)
[30] US (61/811,467) 2013-04-12
[30] US (14/244,193) 2014-04-03

[11] **2,901,912**
[13] C
[51] **Int.Cl. A61F 2/38 (2006.01) A61B 17/15 (2006.01) A61B 17/16 (2006.01)**
[25] EN
[54] **BICRUCIATE RETAINING TIBIAL IMPLANT SYSTEM**
[54] **SYSTEME D'IMPLANT TIBIAL CONSERVANT LES LIGAMENTS CROISES**
[72] COLLAZO, CARLOS E., US
[72] LEIBOWITZ, EVAN, US
[72] RAMACHANDRAN, RAHUL, US
[73] STRYKER CORPORATION, US
[85] 2015-08-19
[86] 2014-02-21 (PCT/US2014/017664)
[87] (WO2014/130804)
[30] US (61/767,954) 2013-02-22

[11] **2,902,018**
[13] C
[51] **Int.Cl. B22C 7/02 (2006.01) B22C 9/04 (2006.01)**
[25] EN
[54] **REFRACTORY MOLD AND METHOD OF MAKING**
[54] **MOULE REFRACTAIRE ET PROCEDES DE FABRICATION**
[72] HANRAHAN, MICHAEL R., US
[72] PATTEUW, SKIP L., US
[73] HITCHINER MANUFACTURING CO., INC., US
[85] 2015-08-20
[86] 2014-02-06 (PCT/US2014/014987)
[87] (WO2014/143455)
[30] US (13/804,676) 2013-03-14

[11] **2,902,417**
[13] C
[51] **Int.Cl. F23G 5/027 (2006.01) C10B 53/02 (2006.01) F01K 27/00 (2006.01)**
[25] EN
[54] **BIOMASS PYROLYSIS APPARATUS, AND POWER GENERATION SYSTEM**
[54] **APPAREIL DE PYROLYSE DE BIOMASSE ET SYSTEME DE PRODUCTION D'ENERGIE**
[72] ENDOU, YUUKI, JP
[72] YAMAMOTO, HIROTAMI, JP
[72] ISHIKAWA, KEIICHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD., JP
[85] 2015-08-25
[86] 2014-03-26 (PCT/JP2014/058546)
[87] (WO2014/168004)
[30] JP (2013-082232) 2013-04-10

[11] **2,902,891**
[13] C
[51] **Int.Cl. B60N 2/34 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT EMPLOYING DUAL ACTUATORS FOR SEAT TRANSLATION AND SEAT RECLINE**
[54] **SIEGE D'AERONEF EMPLOYANT DEUX ACTIONNEURS DE TRANSLATION DE SIEGE ET D'INCLINAISON DE SIEGE**
[72] UDRISTE, DANIEL, US
[72] DE LA GARZA, JAVIER VALDES, US
[72] BEROTH, MICHAEL, US
[73] B/E AEROSPACE, INC., US
[85] 2015-08-27
[86] 2014-04-08 (PCT/US2014/033313)
[87] (WO2014/168938)
[30] US (61/809,577) 2013-04-08

[11] **2,903,120**
[13] C
[51] **Int.Cl. B62D 55/07 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] YASUDA, ATSUSHI, JP
[72] OGURA, KOTARO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2903120)
[87] (2903120)
[22] 2015-08-27
[30] JP (2014-181982) 2014-09-08

[11] **2,903,135**
[13] C
[51] **Int.Cl. B62D 55/07 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] YASUDA, ATSUSHI, JP
[72] OGURA, KOTARO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2903135)
[87] (2903135)
[22] 2015-08-27
[30] JP (2014-181983) 2014-09-08

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[11] **2,903,478**
[13] C
[51] **Int.Cl. C08G 75/045 (2016.01) C08G 59/66 (2006.01) C08L 81/02 (2006.01)**
[25] EN
[54] **SULFONE-CONTAINING POLYTHIOETHERS, COMPOSITIONS THEREOF, AND METHODS OF SYNTHESIS**
[54] **POLYTHIOETHERSULFONES, LEURS COMPOSITIONS, ET PROCEDES DE SYNTHESE**
[72] RAO, CHANDRA B., US
[72] CAI, JUEXIAO, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-09-01
[86] 2014-03-11 (PCT/US2014/023325)
[87] (WO2014/150463)
[30] US (13/833,827) 2013-03-15

---

[11] **2,903,836**
[13] C
[51] **Int.Cl. C10B 21/00 (2006.01) C10B 29/00 (2006.01)**
[25] EN
[54] **HORIZONTAL HEAT RECOVERY COKE OVENS HAVING MONOLITH CROWNS**
[54] **FOURS A COKE HORIZONTAUX A RECUPERATION DE CHALEUR COMPORTANT UNE VOUTE MONOLITHE**
[72] WEST, GARY DEAN, US
[72] QUANCI, JOHN FRANCIS, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT, LLC, US
[85] 2015-09-02
[86] 2014-03-14 (PCT/US2014/028837)
[87] (WO2014/153050)
[30] US (13/829,588) 2013-03-14

---

[11] **2,903,844**
[13] C
[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/407 (2015.01)**
[25] EN
[54] **ENGINEERED LIVER TISSUES, ARRAYS THEREOF, AND METHODS OF MAKING THE SAME**
[54] **TISSUS HEPATIQUES MODIFIES, ENSEMBLES CORRESPONDANTS ET LEURS PROCEDES DE PRODUCTION**
[72] SHEPHERD, BENJAMIN R., US
[72] ROBBINS, JUSTIN B., US
[72] GORGEN, VIVIAN A., US
[72] PRESNELL, SHARON C., US
[73] ORGANOVO, INC., US
[85] 2015-09-02
[86] 2014-03-13 (PCT/US2014/026679)
[87] (WO2014/151921)
[30] US (13/841,430) 2013-03-15

---

[11] **2,903,994**
[13] C
[51] **Int.Cl. C07D 475/04 (2006.01) A61K 31/519 (2006.01) A61K 41/00 (2006.01) A61K 51/04 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **SYNTHESIS AND COMPOSITION OF AMINO ACID LINKING GROUPS CONJUGATED TO COMPOUNDS USED FOR THE TARGETED IMAGING OF TUMORS**
[54] **SYNTHESE ET COMPOSITION DE GROUPES DE LIAISON D'ACIDES AMINES CONJUGUES A DES COMPOSES UTILISES POUR L'IMAGERIE CIBLEE DE TUMEURS**
[72] LOW, PHILIP S., US
[72] KULARATNE, SUMITH A., US
[72] MAHALINGAM, SAKKARAPALAYAM M., US
[73] PURDUE RESEARCH FOUNDATION, US
[85] 2015-09-03
[86] 2013-08-26 (PCT/US2013/056629)
[87] (WO2014/149069)
[30] US (61/791,921) 2013-03-15

---

[11] **2,904,679**
[13] C
[51] **Int.Cl. G01F 1/40 (2006.01) G01F 15/18 (2006.01)**
[25] EN
[54] **PROCESS VARIABLE MEASUREMENT USING PRIMARY ELEMENT CONNECTION PLATFORM**
[54] **MESURE DE VARIABLES DE PROCEDE AU MOYEN D'UNE PLATE-FORME DE RACCORDEMENT D'ELEMENTS PRIMAIRES**
[72] STROM, GREGORY ROBERT, US
[72] DEEGAN, PAUL TIMOTHY, US
[73] DIETERICH STANDARD, INC., US
[85] 2015-09-08
[86] 2014-03-07 (PCT/US2014/021597)
[87] (WO2014/149942)
[30] US (13/836,263) 2013-03-15

---

[11] **2,904,708**
[13] C
[51] **Int.Cl. E21B 33/08 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **PRE-MOUNTED EXCHANGE INSERT OF A DRILL WASH DEVICE**
[54] **INSERTION D'ECHANGE PRE INSTALLEE POUR DISPOSITIF DE LESSIVAGE DE TREPAN**
[72] GLAWION, MICHAEL, DE
[72] LANG, KLAUS, DE
[72] HOFMANN, JENS, DE
[72] JOHANNES, ROLF, DE
[72] WANNER, VOLKERT, DE
[73] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE
[86] (2904708)
[87] (2904708)
[22] 2015-09-16
[30] DE (102014221000.3) 2014-10-16

[11] **2,905,018**
[13] C
[51] **Int.Cl. E04G 17/06 (2006.01) E04C 2/288 (2006.01) E04G 11/06 (2006.01)**
[25] EN
[54] **IMPROVED INSULATING CONCRETE FORM (ICF) SYSTEM WITH TIE MEMBER MODULARITY**
[54] **SYSTEME DE COFFRAGE DE BETON ISOLANT (ICF) AMELIORE AVEC ELEMENT D'ATTACHE MODULAIRE**
[72] PFEIFFER, HENRY E., US
[73] ICF MFORM LLC, US
[85] 2015-09-10
[86] 2014-01-10 (PCT/US2014/011143)
[87] (WO2014/158303)
[30] US (13/796,034) 2013-03-12

[11] **2,905,385**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ARRANGING AND SEARCHING A DATABASE OF MEDIA CONTENT RECORDINGS**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'AGENCER UNE BASE DE DONNEES D'ENREGISTREMENTS DE CONTENU MULTIMEDIA ET D'Y EFFECTUER DES RECHERCHES**
[72] WANG, AVERY LI-CHUN, US
[72] WOODHEAD, IRA JOSEPH, US
[72] ELSEN, ERICH KONRAD, US
[73] SHAZAM INVESTMENTS LTD., GB
[85] 2015-09-10
[86] 2014-03-12 (PCT/US2014/024117)
[87] (WO2014/150746)
[30] US (13/837,284) 2013-03-15

[11] **2,905,897**
[13] C
[51] **Int.Cl. A01G 9/20 (2006.01) A01G 9/26 (2006.01) F21V 5/00 (2015.01) F21V 8/00 (2006.01) G02B 27/00 (2006.01) H01S 3/10 (2006.01)**
[25] EN
[54] **LASER-BASED AGRICULTURE SYSTEM**
[54] **DISPOSITIF AGRICOLE A LASER**
[72] OOI, BOON, SA
[72] WONG, ALOYSIUS, SA
[72] NG, TIEN KHEE, SA
[73] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[86] (2905897)
[87] (2905897)
[22] 2015-09-29
[30] US (62/056,853) 2014-09-29

[11] **2,906,902**
[13] C
[51] **Int.Cl. A61M 16/04 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **ENDOTRACHEAL TUBE RETENTION SYSTEM**
[54] **SYSTEME DE RETENUE DE TUBE ENDOTRACHEAL**
[72] PHILLIPS, GRANT W., US
[72] MEYER, ELIZABETH A., US
[72] WILLIAMS, DEREK M., US
[72] PICHA, GEORGE J., US
[72] WALSH, KATHLEEN, US
[73] APPLIED MEDICAL TECHNOLOGY, INC., US
[85] 2015-09-14
[86] 2014-03-17 (PCT/US2014/030499)
[87] (WO2014/145694)
[30] US (61/791,663) 2013-03-15

[11] **2,907,626**
[13] C
[51] **Int.Cl. A45C 5/02 (2006.01) A45C 13/08 (2006.01) A45C 1/06 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **STORAGE DEVICE WITH THREE-DIMENSIONAL PROTRUSIONS ON THE OUTER SURFACE**
[54] **DISPOSITIF DE RANGEMENT POSSEDANT DES RELIEFS EN TROIS DIMENSIONS SUR SA SURFACE EXTERIEURE**
[72] MORSZECK, DIETER, DE
[73] RIMOWA GMBH, DE
[85] 2015-09-21
[86] 2014-03-28 (PCT/EP2014/056266)
[87] (WO2014/154855)
[30] DE (20 2013 002 980.3) 2013-03-28

[11] **2,907,868**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **SINGLE NUCLEOTIDE DETECTION METHOD**
[54] **METHODE DE DETECTION DE MONONUCLEOTIDE**
[72] FRAYLING, CAMERON ALEXANDER, GB
[72] BALMFORTH, BARNABY, GB
[72] SOARES, BRUNO FLAVIO NOGUEIRA DE SOUSA, GB
[72] ISAAC, THOMAS HENRY, GB
[72] BREINER, BORIS, GB
[72] NATALE, ALESSANDRA, GB
[72] AMASIO, MICHELE, GB
[72] DEAR, PAUL, GB
[73] BASE4 INNOVATION LTD, GB
[73] MEDICAL RESEARCH COUNCIL, GB
[85] 2015-09-23
[86] 2014-04-09 (PCT/GB2014/051106)
[87] (WO2014/167324)
[30] GB (1306445.6) 2013-04-09

[11] **2,908,466**
[13] C
[51] **Int.Cl. B60S 5/02 (2006.01) B67D 7/04 (2010.01) B67D 7/34 (2010.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR FUELING VEHICLES**
[54] **SYSTEME AUTOMATISE POUR LE RAVITAILLEMENT EN CARBURANT DE VEHICULES**
[72] BUTLER, CHARLES ROLAND, JR., US
[73] BUTLER, CHARLES ROLAND, JR., US
[85] 2015-09-30
[86] 2014-04-10 (PCT/US2014/033594)
[87] (WO2014/172173)
[30] US (13/863,093) 2013-04-15

---

[11] **2,909,262**
[13] C
[51] **Int.Cl. A47J 42/16 (2006.01) A24B 7/00 (2006.01) B02C 7/11 (2006.01) B26B 25/00 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRIC AND HAND OPERATED HERB GRINDER**
[54] **MOULIN A HERBES PORTATIF ELECTRIQUE OU MANUEL**
[72] MROUE, HEBA, CA
[73] LUVNKURE INC., CA
[86] (2909262)
[87] (2909262)
[22] 2015-10-16
[30] US (62/065121) 2014-10-17

---

[11] **2,909,563**
[13] C
[51] **Int.Cl. B02C 4/30 (2006.01)**
[25] EN
[54] **CRUSHING ROLLER FOR A ROLLER CRUSHER**
[54] **CYLINDRE BROYEUR POUR BROYEUR A CYLINDRE**
[72] PETACK, BURKHARD, DE
[72] STENZEL, THOMAS, DE
[72] SCHMIDT, MARKO, DE
[73] TAKRAF GMBH, DE
[85] 2015-10-15
[86] 2014-04-16 (PCT/EP2014/057727)
[87] (WO2014/170371)
[30] DE (10 2013 207 092.6) 2013-04-19

---

[11] **2,909,649**
[13] C
[51] **Int.Cl. B64C 13/28 (2006.01) B64C 13/30 (2006.01) B64C 27/54 (2006.01)**
[25] FR
[54] **MECHANICAL DEVICE FOR COMBINING AT LEAST A FIRST AND A SECOND COMMAND ORDER, AND AIRCRAFT EQUIPPED WITH SUCH A DEVICE**
[54] **DISPOSITIF MECANIQUE POUR COMBINER AU MOINS UN PREMIER ORDRE ET UN DEUXIEME ORDRE DE COMMANDE, ET AERONEF MUNI D'UN TEL DISPOSITIF**
[72] TEMPIER, CHRISTOPHE, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2909649)
[87] (2909649)
[22] 2015-10-14
[30] FR (14 02458) 2014-10-30

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[11] **2,909,981**
[13] C
[51] **Int.Cl. C08L 53/00 (2006.01) C08K 3/00 (2006.01) C08K 5/00 (2006.01) C08L 33/06 (2006.01) C09B 67/20 (2006.01) C09B 67/46 (2006.01) C09D 11/00 (2014.01) C09D 17/00 (2006.01)**
[25] EN
[54] **AQUEOUS EMULSION SOLUTION, COLORING AGENT COMPOSITION CONTAINING SAID AQUEOUS SOLUTION, AQUEOUS INKJET INK, AND METHOD FOR PRODUCING AQUEOUS EMULSION SOLUTION**
[54] **SOLUTION AQUEUSE EN EMULSION, COMPOSITION D'AGENT COLORANT CONTENANT LADITE SOLUTION AQUEUSE, ENCRE AQUEUSE POUR JET D'ENCRE, ET PROCEDE DE PRODUCTION D'UNE SOLUTION AQUEUSE EN EMULSION**
[72] SHIMANAKA, HIROYUKI, JP
[72] MURAKAMI, YOSHIKAZU, JP
[72] AOYAGI, SHINICHIRO, JP
[72] YOSHIKAWA, SACHIO, JP
[72] YAMAZAKI, MITSUO, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[85] 2015-10-20
[86] 2014-04-17 (PCT/JP2014/060925)
[87] (WO2014/175162)
[30] JP (2013-089311) 2013-04-22

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[11] **2,909,984**
[13] C
[51] **Int.Cl. C22C 38/06 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **STEEL SHEET**
[54] **TOLE D'ACIER**
[72] MOROHOSHI, TAKASHI, JP
[72] ARAMAKI, TAKASHI, JP
[72] ZEZE, MASAFUMI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-10-20
[86] 2014-04-24 (PCT/JP2014/061573)
[87] (WO2014/175381)
[30] JP (2013-092408) 2013-04-25

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[11] **2,911,882**
[13] C
[51] **Int.Cl. A61D 99/00 (2006.01) A01K 13/00 (2006.01)**
[25] EN
[54] **ANIMAL HEALTH MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE SANTE ANIMALE**
[72] STEWART, ROBERT, US
[73] ALLFLEX USA, INC., US
[85] 2015-11-06
[86] 2014-04-21 (PCT/US2014/034816)
[87] (WO2014/182428)
[30] US (61/821,608) 2013-05-09

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[11] **2,911,883**
[13] C
[51] **Int.Cl. G01M 3/16 (2006.01) C23F 13/20 (2006.01) E04D 13/00 (2006.01) E04D 13/16 (2006.01)**
[25] EN
[54] **LEAK DETECTION IN ROOF MEMBRANES**
[54] **DETECTION DE FUITE DANS LES MEMBRANES DE TOIT**
[72] VOKEY, DAVID E., CA
[72] BRIDGES, MARK K., US
[73] DETEC SYSTEMS LTD., CA
[86] (2911883)
[87] (2911883)
[22] 2015-11-10

[11] **2,912,406**
[13] C
[51] **Int.Cl. G03F 7/00 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING PRINT PERFORMANCE IN FLEXOGRAPHIC PRINTING PLATES**
[54] **PROCEDE D'AMELIORATION DES PERFORMANCES D'IMPRESSION DANS DES PLAQUES D'IMPRESSION FLEXOGRAPHIQUE**
[72] BOUKAFTANE, CHOUAIB, US
[73] MACDERMID PRINTING SOLUTIONS, LLC, US
[85] 2015-11-12
[86] 2014-04-09 (PCT/US2014/033447)
[87] (WO2014/186073)
[30] US (13/892,406) 2013-05-13

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[11] **2,912,939**
[13] C
[51] **Int.Cl. C04B 28/24 (2006.01) C04B 22/04 (2006.01) C04B 22/06 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **METHODS OF CEMENTING AND LASSENITE-CONTAINING CEMENT COMPOSITIONS**
[54] **PROCEDES DE CIMENTATION ET COMPOSITIONS DE CIMENT CONTENANT DU LASSENITE**
[72] MUTHUSAMY, RAMESH, IN
[72] GOSAVI, TUSHAR, IN
[72] PATIL, RAHUL CHANDRAKANT, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-18
[86] 2014-06-27 (PCT/US2014/044659)
[87] (WO2015/030924)
[30] US (14/015,643) 2013-08-30

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[11] **2,913,427**
[13] C
[51] **Int.Cl. E06B 9/32 (2006.01)**
[25] EN
[54] **CURTAIN BODY LOCATING MECHANISM OF A CURTAIN WITH NO CORD**
[54] **MECANISME DE REPERAGE D'UN CORPS DE RIDEAU D'UN RIDEAU SANS CORDE**
[72] CHEN, PO-YU, TW
[73] CHIN-FU CHEN, TW
[86] (2913427)
[87] (2913427)
[22] 2015-11-26
[30] TW (103141592) 2014-12-01

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[11] **2,914,698**
[13] C
[51] **Int.Cl. C07D 491/056 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NEW POLYMORPHIC FORMS OF ICOTINIB PHOSPHATE AND USES THEREOF**
[54] **NOUVELLES FORMES POLYMORPHES DE PHOSPHATE D'ICOTINIB ET LEURS UTILISATIONS**
[72] HU, SHAOJING, CN
[72] LONG, WEI, CN
[72] WANG, FEI, CN
[72] WANG, YINXIANG, CN
[72] DING, LIEMING, CN
[73] BETTA PHARMACEUTICALS CO., LTD., CN
[85] 2015-12-08
[86] 2014-06-09 (PCT/CN2014/079488)
[87] (WO2014/198211)
[30] CN (PCT/CN2013/077091) 2013-06-09

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[11] **2,914,854**
[13] C
[51] **Int.Cl. C07D 491/056 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **POLYMORPH FORMS OF ICOTINIB MALEATE AND USES THEREOF**
[54] **FORMES POLYMORPHES DE MALEATE D'ICOTINIB ET UTILISATIONS DE CELLES-CI**
[72] HU, SHAOJING, CN
[72] LONG, WEI, CN
[72] WANG, FEI, CN
[72] WANG, YINXIANG, CN
[72] DING, LIEMING, CN
[73] BETTA PHARMACEUTICALS CO., LTD, CN
[85] 2015-12-09
[86] 2014-06-09 (PCT/CN2014/079484)
[87] (WO2014/198210)
[30] CN (PCT/CN2013/077093) 2013-06-09

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[11] **2,914,857**
[13] C
[51] **Int.Cl. C07D 491/056 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **POLYMORPHIC FORMS OF ICOTINIB AND USES THEREOF**
[54] **FORMES POLYMORPHE D'ICOTINIB ET UTILISATIONS CORRESPONDANTES**
[72] HU, SHAOJING, CN
[72] LONG, WEI, CN
[72] WANG, FEI, CN
[72] WANG, YINXIANG, CN
[72] DING, LIEMING, CN
[73] BETTA PHARMACEUTICALS CO., LTD, CN
[85] 2015-12-09
[86] 2014-06-09 (PCT/CN2014/079491)
[87] (WO2014/198212)
[30] CN (PCT/CN2013/077095) 2013-06-09

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[11] **2,914,867**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DROPLET STORAGE METHOD**
[54] **PROCEDE DE STOCKAGE DE GOUTTELETTES**
[72] FRAYLING, CAMERON ALEXANDER, GB
[73] BASE4 INNOVATION LTD, GB
[85] 2015-12-09
[86] 2014-06-13 (PCT/GB2014/000232)
[87] (WO2014/199113)
[30] GB (1310584.6) 2013-06-13

[11] **2,916,387**
[13] C
[51] **Int.Cl. C08G 75/00 (2006.01) B05D 3/06 (2006.01) B32B 37/00 (2006.01) C07D 251/32 (2006.01) C08F 2/50 (2006.01) C08G 75/06 (2006.01) C08J 7/04 (2006.01) C08K 5/00 (2006.01) C08L 81/02 (2006.01)**
[25] EN
[54] **BIS(SULFONYL)ALKANOL-CONTAINING POLYTHIOETHERS, METHODS OF SYNTHESIS, AND COMPOSITIONS THEREOF**
[54] **POLYTHIOETHERS CONTENANT UN BIS(SULFONYL)ALCANOL, PROCEDES DE SYNTHESE ET COMPOSITIONS DE CEUX-CI**
[72] RAO, CHANDRA B., US
[72] CAI, JUEXIAO, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-12-21
[86] 2014-06-20 (PCT/US2014/043356)
[87] (WO2014/205319)
[30] US (13/923,903) 2013-06-21

[11] **2,917,665**
[13] C
[51] **Int.Cl. E06B 9/68 (2006.01) A47H 5/02 (2006.01) A47H 5/14 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **A REEL PIPE MOTOR AND A ROLLING CURTAIN POSITIONING CONTROL SYSTEM**
[54] **UN MOTEUR DE DEVIDOIR DE TUYAU ET UN MECANISME DE COMMANDE DE POSITIONNEMENT DE RIDEAU ENROULEUR**
[72] LU, XIANFENG, CN
[72] CHEN, JIANGUO, CN
[72] HU, MENGXU, CN
[73] NINGBO XIANFENG NEW MATERIAL CO., LTD., CN
[85] 2016-01-14
[86] 2015-10-27 (PCT/CN2015/092892)
[87] (2917665)
[30] CN (201510314151.9) 2015-06-09
[30] CN (201520615588.1) 2015-08-14
[30] CN (201510556049.X) 2015-09-02

[11] **2,918,877**
[13] C
[51] **Int.Cl. B01D 3/14 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DISTILLATIVE SEPARATION OF A THREE- OR MULTI-COMPONENT MIXTURE**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION PAR DISTILLATION D'UN MELANGE TRICOMPOSANT OU MULTICOMPOSANT**
[72] JANSEN, HELMUT, DE
[72] AIGNER, MAXIMILIAN, DE
[72] PROCHASKA, JAN, DE
[73] WACKER CHEMIE AG, DE
[85] 2016-01-21
[86] 2014-07-22 (PCT/EP2014/065718)
[87] (WO2015/014671)
[30] DE (102013214765.1) 2013-07-29

[11] **2,919,479**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) C07D 407/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **SYK INHIBITORS**
[54] **INHIBITEURS SYK**
[72] CURRIE, KEVIN S., US
[72] DU, ZHIMIN, US
[72] FARAND, JULIE, US
[72] GUERRERO, JUAN A., US
[72] KATANA, ASHLEY A., US
[72] KATO, DARRYL, US
[72] LAZERWITH, SCOTT, E., US
[72] LI, JIAYAO, US
[72] LINK, JOHN, O., US
[72] MAI, NICHOLAS, US
[72] NOTTE, GREGORY, US
[72] PYUN, HYUNG-JUNG, US
[72] SANGI, MICHAEL, US
[72] SCHMITT, AARON, C., US
[72] SCHRIER, ADAM, J., US
[72] STEVENS, KIRK, L., US
[72] VENKATARAMANI, CHANDRASEKAR, US
[72] WATKINS, WILLIAM, J., US
[72] YANG, ZHENG-YU, US
[72] ZABLOCKI, JEFF, US
[72] ZIPFEL, SHEILA, US
[72] LO, JENNIFER, US
[72] LEE, SEUNG H., US
[72] ZHAO, ZHONGDONG, US
[72] KROPF, JEFFREY, US
[72] XU, JIANJUN, US
[72] BLOMGREN, PETER, US
[72] MITCHELL, SCOTT A., US
[72] XIONG, JINMING, US
[72] CHANDRASEKHAR, JAYARAMAN, US
[73] GILEAD SCIENCES, INC., US
[85] 2016-01-26
[86] 2014-07-31 (PCT/US2014/049032)
[87] (WO2015/017610)
[30] US (61/860,870) 2013-07-31
[30] US (62/025,304) 2014-07-16

[11] **2,919,592**
[13] C
[51] **Int.Cl. A01F 12/44 (2006.01)**
[25] EN
[54] **GRAIN SEPARATING APPARATUS IN A COMBINE HARVESTER**
[54] **APPAREIL DE SEPARATION DE GRAIN DANS UNE MOISSONNEUSE-BATTEUSE**
[72] BILDE, MORTEN LETH, DK
[73] AGCO A/S, DK
[85] 2016-01-27
[86] 2014-10-23 (PCT/EP2014/072748)
[87] (WO2015/062965)
[30] GB (1319215.8) 2013-10-31

[11] **2,919,608**
[13] C
[51] **Int.Cl. G01N 9/26 (2006.01) G01N 9/04 (2006.01) G01M 3/26 (2006.01)**
[25] EN
[54] **NETWORK MANAGEABLE ADVANCED GAS SENSOR APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CAPTEUR DE GAZ PERFECTIONNE ADMINISTRABLE PAR RESEAU**
[72] SCHEUCHER, KARL F., US
[73] SOLON MANUFACTURING COMPANY, US
[85] 2016-01-27
[86] 2013-08-03 (PCT/US2013/053528)
[87] (WO2014/025652)
[30] US (13/568,108) 2012-08-06
[30] US (61/699,835) 2012-09-11

[11] **2,920,180**
[13] C
[51] **Int.Cl. A61L 9/03 (2006.01) A01M 1/20 (2006.01)**
[25] EN
[54] **DISPENSING DEVICE WITH FAN DIRECTED AIR STREAM**
[54] **DISPOSITIF DE DISTRIBUTION AVEC FLUX D'AIR DIRIGE PAR VENTILATEUR**
[72] SHAPIRO, STEPHEN, US
[72] PAGANETTI, TOM, US
[73] THERMACELL REPELLENTS, INC., US
[85] 2016-02-02
[86] 2013-09-16 (PCT/US2013/059989)
[87] (WO2014/043639)
[30] US (61/701,089) 2012-09-14

[11] **2,920,639**
[13] C
[51] **Int.Cl. F16L 58/02 (2006.01) F16L 13/02 (2006.01)**
[25] EN
[54] **METHOD FOR PROTECTING A WELDED JOINT BETWEEN PIPES HAVING AN INTERIOR COATING**
[54] **PROCEDE DE PROTECTION DU RACCORD SOUDE DE TUBES AVEC UN REVETEMENT INTERNE**
[72] CHUIKO, ALEKSANDR GEORGIEVICH, RU
[72] CHUYKO, ANASTASIA ALEKSANDROVNA, RU
[73] CHUIKO, ALEKSANDR GEORGIEVICH, RU
[85] 2016-02-05
[86] 2014-06-30 (PCT/RU2014/000477)
[87] (WO2015/023211)
[30] RU (2013137799) 2013-08-13

[11] **2,922,070**
[13] C
[51] **Int.Cl. A61B 17/80 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **BONE PLATE SYSTEM FOR FRACTURE FIXATION**
[54] **ARRANGEMENT DE PLAQUE OSSEUSE SERVANT A LA FIXATION D'UNE FRACTURE**
[72] SIXTO, ROBERT, JR., US
[72] KORTENBACH, JUERGEN A., US
[72] FRANCESE, JOSE LUIS, US
[72] AVUTHU, SRAVANTHI, US
[72] SANDERS, ROY, US
[72] WICH, MICHAEL, US
[72] STEINMANN, SCOTT, US
[72] THOMAS, KYLE B., US
[73] BIOMET C.V., GI
[86] (2922070)
[87] (2922070)
[22] 2008-10-30
[62] 2,704,530
[30] US (60/895,000) 2007-11-02

[11] **2,923,992**
[13] C
[51] **Int.Cl. E21B 33/02 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR SEALING AROUND THE OPENING TO AN UNDERGROUND BOREHOLE**
[54] **APPAREIL ET PROCEDES D'ETANCHEIFICATION AUTOUR DE L'OUVERTURE D'UN TROU DE FORAGE SOUTERRAIN**
[72] DUGAS, AARON WILLIAM, US
[72] DURIO, KENNETH EDWARD, US
[72] MCDOWELL, JAMES KERWIN, US
[72] BORDELON, RANDY PAUL, US
[72] EDWARDS, RICHARD LAMAR, US
[73] NEWPARK MATS & INTEGRATED SERVICES LLC, US
[85] 2016-03-09
[86] 2014-09-28 (PCT/US2014/057933)
[87] (WO2015/053964)
[30] US (61/889,171) 2013-10-10
[30] US (14/497,429) 2014-09-26

[11] **2,924,254**
[13] C
[51] **Int.Cl. F21V 5/04 (2006.01) F21S 8/08 (2006.01)**
[25] EN
[54] **LIGHT DISTRIBUTION METHOD FOR COB MODULE LED STREETLAMP LENS CAPABLE OF ILLUMINATING 3-5 LANES**
[54] **PROCEDE DE DISTRIBUTION DE LUMIERE POUR LENTILLE DE REVERBERE A DEL A MODULE COB POUVANT ECLAIRER 3 A 5 VOIES**
[72] LV, GUOFENG, CN
[72] LV, WENQING, CN
[73] HONGLI LIGHTING GROUP CO., LTD., CN
[85] 2016-03-14
[86] 2014-11-27 (PCT/CN2014/092329)
[87] (WO2015/109891)
[30] CN (201410028523.7) 2014-01-22

[11] **2,925,139**
[13] C
[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/117 (2014.01) H04N 19/18 (2014.01)**
[25] EN
[54] **IMAGE ENCODING SYSTEM BASED UPON BOUNDARY STRENGTH**
[54] **SYSTEME DE CODAGE D'IMAGE BASE SUR LA FORCE DE LIMITE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL
[86] (2925139)
[87] (2925139)
[22] 2002-09-11
[62] 2,706,895
[30] US (09/953,329) 2001-09-14

[11] **2,925,253**
[13] C
[51] **Int.Cl. F16F 9/32 (2006.01) B60G 17/08 (2006.01) F16F 9/20 (2006.01) F16F 9/54 (2006.01)**
[25] EN
[54] **HYDRAULIC SHOCK ABSORBER**
[54] **AMORTISSEUR HYDRAULIQUE**
[72] YAMAZAKI,YUTAKA, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[85] 2016-03-23
[86] 2014-07-09 (PCT/JP2014/068280)
[87] (WO2015/045558)
[30] JP (2013-198036) 2013-09-25

[11] **2,926,417**
[13] C
[51] **Int.Cl. A61G 3/06 (2006.01) B60P 1/43 (2006.01)**
[25] EN
[54] **VEHICLE MOUNTED STOWABLE ACCESS RAMP**
[54] **RAMPE D'ACCES PLIANTE INSTALLEE SUR UN VEHICULE**
[72] SIDHU, GURSHAN S., CA
[72] SIDHU, RUPINDER S., CA
[73] SIDHU, GURSHAN S., CA
[73] SIDHU, RUPINDER S., CA
[86] (2926417)
[87] (2926417)
[22] 2016-04-08

[11] **2,926,456**
[13] C
[51] **Int.Cl. H01H 50/54 (2006.01) H01H 50/16 (2006.01)**
[25] EN
[54] **INTEGRATED SPDT OR DPDT SWITCH WITH SPDT RELAY COMBINATION FOR USE IN RESIDENCE AUTOMATION**
[54] **INTERRUPTEUR UNIPOLAIRE BIDIRECTIONNEL OU BIPOLAIRE BIDIRECTIONNEL AVEC COMBINAISON DE RELAIS UNIPOLAIRES BIDIRECTIONNELS POUR UNE UTILISATION DANS LA DOMOTIQUE**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2016-04-04
[86] 2014-10-01 (PCT/US2014/058598)
[87] (WO2015/050972)
[30] US (14/045,877) 2013-10-04

[11] **2,927,108**
[13] C
[51] **Int.Cl. C08L 23/14 (2006.01)**
[25] EN
[54] **BLOW MOLDED ARTICLE BASED ON BIMODAL RANDOM COPOLYMER**
[54] **ARTICLE MOULE PAR SOUFFLAGE A BASE DE COPOLYMERE STATISTIQUE BIMODAL**
[72] WANG, JINGBO, AT
[72] KLIMKE, KATJA, AT
[72] DOSHEV, PETAR, AT
[72] LESKINEN, PAULI, FI
[73] BOREALIS AG, AT
[85] 2016-04-12
[86] 2014-10-23 (PCT/EP2014/072764)
[87] (WO2015/059230)
[30] EP (13190138.1) 2013-10-24

[11] **2,927,151**
[13] C
[51] **Int.Cl. A61L 9/12 (2006.01) A01M 1/20 (2006.01)**
[25] EN
[54] **WEARABLE CHEMICAL DISPENSER**
[54] **DISTRIBUTEUR DE PRODUITS CHIMIQUES DU TYPE PORTABLE**
[72] KLEMM, ROBERT W., US
[72] SHARMA, NITIN, US
[72] FAHY, CATHAL L., US
[72] SHI, DELIANG, US
[73] S.C. JOHNSON & SON, INC., US
[85] 2016-04-11
[86] 2014-10-24 (PCT/US2014/062095)
[87] (WO2015/065822)
[30] US (14/067,241) 2013-10-30

[11] **2,927,983**
[13] C
[51] **Int.Cl. F04D 29/70 (2006.01) A01G 1/12 (2006.01) E01H 15/00 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **LEAF BLOWER HAVING A GUARD**
[54] **SOUFFLEUR DE FEUILLES DOTE D'UN PROTECTEUR**
[72] EAKINS, CHARLES A., JR., US
[72] DICKMAN, ERICK M., US
[73] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[86] (2927983)
[87] (2927983)
[22] 2016-04-22
[30] US (62/178,941) 2015-04-23

[11] **2,928,380**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **PARAFFINIC FROTH TREATMENT**
[54] **TRAITEMENT DE MOUSSE PARAFFINIQUE**
[72] LEE, ANITA S., US
[72] SUTTON, CLAY R., US
[72] CHEN, CHIEN-CHIANG, US
[72] ABEL, KEITH A., CA
[72] NAIR, HARI, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2928380)
[87] (2928380)
[22] 2016-04-28

[11] **2,929,075**
[13] C
[51] **Int.Cl. E21B 17/07 (2006.01)**
[25] EN
[54] **VIBRATION DAMPER**
[54] **AMORTISSEUR DE VIBRATIONS**
[72] OON, PENG HOOI, SG
[72] LAKKASHETTI, MALLESHAPPA, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-28
[86] 2013-12-04 (PCT/US2013/073150)
[87] (WO2015/084345)

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[11] **2,929,650**
[13] C
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/404 (2006.01) A61P 25/00 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **4-(INDOL-3-YL)-PYRAZOLE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND METHODS FOR USE**
[54] **DERIVES DE 4-(INDOL-3-YL)PYRAZOLE, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION**
[72] CROSIGNANI, STEFANO, BE
[72] CAUWENBERGHS, SANDRA, BE
[72] DEROOSE, FREDERIK, BE
[72] DRIESSENS, GREGORY, BE
[73] ITEOS THERAPEUTICS, BE
[85] 2016-05-04
[86] 2014-11-07 (PCT/EP2014/074099)
[87] (WO2015/067782)
[30] EP (13192224.7) 2013-11-08
[30] US (14/076,016) 2013-11-08
[30] BE (2014/0845) 2014-11-03

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[11] **2,930,896**
[13] C
[51] **Int.Cl. B60W 20/20 (2016.01) B60W 20/40 (2016.01)**
[25] EN
[54] **HYBRID VEHICLE**
[54] **VEHICULE HYBRIDE**
[72] BANSHOYA, HIDEHIKO, JP
[72] TABATA, ATSUSHI, JP
[72] KANADA, TOSHIKI, JP
[72] SUZUKI, HARUHISA, JP
[72] KAWAMOTO, ATSUSHI, JP
[72] IMAMURA, TATSUYA, JP
[72] TAKAGI, KIYONORI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2930896)
[87] (2930896)
[22] 2016-05-25
[30] JP (2015-106323) 2015-05-26

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[11] **2,931,087**
[13] C
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR HEAVY-WALLED OIL COUNTRY TUBULAR GOODS**
[54] **JOINT FILETE DESTINE AUX APPAREILS TUBULAIRES DE PETROLE BRUT TRES EPAIS**
[72] KAWAI, TAKAMASA, JP
[72] TAKAHASHI, KAZUNARI, JP
[72] CHIKATSUNE, HIROSHI, JP
[72] YOSHIKAWA, MASAKI, JP
[72] TAKANO, JUN, JP
[72] NAGAHAMA, TAKUYA, JP
[72] UETA, MASATERU, JP
[72] YONEYAMA, TSUYOSHI, JP
[72] SATO, HIDEO, JP
[72] SEKI, HARUHIKO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2016-05-18
[86] 2014-10-30 (PCT/JP2014/005518)
[87] (WO2015/104739)
[30] JP (2014-002863) 2014-01-10

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[11] **2,933,427**
[13] C
[51] **Int.Cl. B60C 15/02 (2006.01) B60C 15/04 (2006.01) B60C 15/06 (2006.01)**
[25] EN
[54] **TIRE HAVING AN ELECTRONIC DEVICE IN A LOWER SIDEWALL**
[54] **PNEU COMPORTANT UN DISPOSITIF ELECTRONIQUE DANS UNE PAROI LATERALE INFERIEURE**
[72] MIKLIC, ANDREW T., US
[72] WILSON, PAUL B., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2016-06-09
[86] 2014-12-05 (PCT/US2014/068696)
[87] (WO2015/088890)
[30] US (61/915,556) 2013-12-13

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[11] **2,933,892**
[13] C
[51] **Int.Cl. B03D 1/08 (2006.01) B03B 9/02 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **PROCESSING OF OIL SAND STREAMS VIA CHEMICALLY-INDUCED MICRO-AGGLOMERATION**
[54] **TRAITEMENT DE FLUX DE SABLES BITUMINEUX PAR MICRO AGGLOMERATION INDUITE CHIMIQUEMENT**
[72] LIN, CHRISTOPHER, CA
[72] SAKUHUNI, GIVEMORE, CA
[72] RENNARD, DAVID, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2933892)
[87] (2933892)
[22] 2016-06-23

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[11] **2,933,896**
[13] C
[51] **Int.Cl. A61H 99/00 (2006.01) A61H 7/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **SKIN TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE LA PEAU**
[72] CARLUCCI, VITO, US
[73] CONAIR CORPORATION, US
[85] 2016-06-14
[86] 2014-12-18 (PCT/US2014/071167)
[87] (WO2015/095526)
[30] US (14/133,988) 2013-12-19

[11] **2,934,320**
[13] C
[51] **Int.Cl. A45D 20/10 (2006.01) A45D 20/12 (2006.01)**
[25] EN
[54] **HAIR DRYER APPARATUS WITH NOISE REDUCING END CAP**
[54] **APPAREIL SECHE-CHEVEUX COMPORTANT UN EMBOUT DE REDUCTION DE BRUIT**
[72] CARLUCCI, VITO, US
[72] FERNANDES DA COSTA, SERGIO LOPES, US
[73] CONAIR CORPORATION, US
[85] 2016-06-16
[86] 2015-01-23 (PCT/US2015/012650)
[87] (WO2015/112840)
[30] US (14/162,363) 2014-01-23

[11] **2,934,861**
[13] C
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 19/16 (2006.01) E21B 19/24 (2006.01)**
[25] EN
[54] **METHOD FOR RUNNING CONDUIT IN EXTENDED REACH WELLBORES**
[54] **PROCEDE DE POSE DE CONDUIT DANS PUITS DE FORAGE A LONG DEPORT**
[72] VESTAVIK, OLA, NO
[73] REELWELL AS, NO
[85] 2016-06-22
[86] 2014-11-25 (PCT/IB2014/066326)
[87] (WO2015/097577)
[30] US (14/141,170) 2013-12-26

[11] **2,936,225**
[13] C
[51] **Int.Cl. A61L 9/00 (2006.01) A61L 9/03 (2006.01) A61L 9/12 (2006.01) F21S 10/04 (2006.01) G08C 17/02 (2006.01) H01F 5/00 (2006.01) H01F 38/14 (2006.01)**
[25] EN
[54] **SCENTED ELECTRONIC CANDLE DEVICE**
[54] **DISPOSITIF DE CHANDELLE ELECTRONIQUE PARFUMEE**
[72] LI, XIAOFENG, CN
[73] LI, XIAOFENG, CN
[86] (2936225)
[87] (2936225)
[22] 2016-07-13
[30] CN (201610478347.6) 2016-06-27
[30] US (15/207,411) 2016-07-11

[11] **2,936,420**
[13] C
[51] **Int.Cl. B65B 67/12 (2006.01) B65B 5/04 (2006.01) B65B 67/04 (2006.01)**
[25] EN
[54] **CASSETTE AND APPARATUS FOR PACKING DISPOSABLE OBJECTS INTO AN ELONGATED TUBE OF FLEXIBLE MATERIAL**
[54] **CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE**
[72] MORAND, MICHEL, CA
[73] ANGELCARE DEVELOPMENT INC., CA
[86] (2936420)
[87] (2936420)
[22] 2008-10-03
[62] 2,855,159
[30] EP (07019571.4) 2007-10-05

[11] **2,937,907**
[13] C
[51] **Int.Cl. C07H 21/00 (2006.01) C07H 21/04 (2006.01) C07K 14/00 (2006.01) C12N 15/63 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS, METHODS AND KITS FOR THE DETECTION OF CAMPYLOBACTER**
[54] **ACIDES NUCLEIQUES, METHODES ET TROUSSES DE DETECTION DE CAMPYLOBACTER**
[72] BERGERON, MICHEL G., CA
[72] BOISSINOT, MAURICE, CA
[72] HULETSKY, ANN, CA
[72] MENARD, CHRISTIAN, CA
[72] OUELLETTE, MARC, CA
[72] PICARD, FRANCOIS J., CA
[72] ROY, PAUL H., CA
[73] GENEOHM SCIENCES CANADA INC., CA
[86] (2937907)
[87] (2937907)
[22] 2000-09-28
[62] 2,905,326
[30] CA (2,283,458) 1999-09-28
[30] CA (2,307,010) 2000-05-19

[11] **2,938,711**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01)**
[25] EN
[54] **DATA MESSAGE QUEUE MANAGEMENT TO IDENTIFY MESSAGE SETS FOR DELIVERY METRIC MODIFICATION**
[54] **GESTION DE FILES D'ATTENTE DE MESSAGES DE DONNEES AFIN D'IDENTIFIER DES ENSEMBLES DE MESSAGES POUR UNE MODIFICATION DE METRIQUE DE DISTRIBUTION**
[72] UPADHYAY, UMESH CHANDRA, US
[72] KATZER, ROBIN DALE, US
[72] HOLMES, GEOFF A., US
[72] BURCHAM, ROBERT H., US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2016-08-04
[86] 2015-02-03 (PCT/US2015/014267)
[87] (WO2015/123053)
[30] US (14/181,291) 2014-02-14

[11] **2,939,482**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **PURCHASING ON THE INTERNET USING VERIFIED ORDER INFORMATION AND BANK PAYMENT ASSURANCE**
[54] **METHODE D'ACHAT SUR INTERNET FAISANT APPEL A DES RENSEIGNEMENTS VERIFIES RELATIFS A LA COMMANDE ET A UNE GARANTIE DE PAIEMENT PAR UNE BANQUE**
[72] SINES, RANDY D., US
[72] GREGORY, RANDY A., US
[73] ECARDLESS BANCORP, LTD., US
[86] (2939482)
[87] (2939482)
[22] 2003-11-19
[62] 2,450,197

[11] **2,939,809**
[13] C
[51] **Int.Cl. B22F 9/26 (2006.01) B22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] YANAGISAWA, KAZUMICHI, JP
[72] ZHANG, JUNHAO, JP
[72] IKEDA, OSAMU, JP
[72] OHARA, HIDEKI, JP
[72] YONEYAMA, TOMOAKI, JP
[72] KUDO, YOHEI, JP
[72] HEGURI, SHIN-ICHI, JP
[73] KOCHI UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2016-08-15
[86] 2015-02-09 (PCT/JP2015/053541)
[87] (WO2015/125650)
[30] JP (2014-031253) 2014-02-21
[30] JP (2014-051219) 2014-03-14

---

[11] **2,940,156**
[13] C
[51] **Int.Cl. H04R 3/00 (2006.01) H04N 21/422 (2011.01) H04N 21/4223 (2011.01)**
[25] EN
[54] **IMAGE STEERED MICROPHONE ARRAY**
[54] **RESEAU DE MICROPHONES ORIENTE PAR IMAGE**
[72] MITRA, SHOUNAK, US
[72] STARKS, FRED EARL, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2016-08-18
[86] 2015-01-30 (PCT/US2015/013640)
[87] (WO2015/126594)
[30] US (14/183,568) 2014-02-19

---

[11] **2,940,813**
[13] C
[51] **Int.Cl. B60N 2/26 (2006.01) A47D 11/00 (2006.01) A47D 13/02 (2006.01)**
[25] EN
[54] **INFANT CARRIER**
[54] **PORTE-BEBE**
[72] TAYLOR, ANDREW J., US
[72] MASON, KYLE S., US
[72] SELLERS, GREGORY S., US
[72] HARTENSTINE, CURTIS M., US
[72] BOWERS, PATRICK J.G., US
[73] WONDERLAND NURSERYGOODS COMPANY LIMITED, CN
[86] (2940813)
[87] (2940813)
[22] 2016-08-31
[30] US (62/214,013) 2015-09-03
[30] US (62/253,658) 2015-11-10

---

[11] **2,941,918**
[13] C
[51] **Int.Cl. G01S 13/75 (2006.01) G06Q 10/08 (2012.01) B60R 25/102 (2013.01) B60R 13/00 (2006.01) B60R 13/10 (2006.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR TRACKING VEHICLES**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE SUIVI DE VEHICULES**
[72] LISI, MARCO, CA
[73] FOXTRAC INC., CA
[85] 2016-09-08
[86] 2015-02-23 (PCT/CA2015/000109)
[87] (WO2015/139110)
[30] US (61/968,019) 2014-03-20

---

[11] **2,944,644**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61K 51/10 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **USE OF RITUXIMAB TO TREAT PEMPHIGUS**
[54] **UTILISATION DU RITUXIMAB POUR LE TRAITEMENT DU PEMPHIGUS**
[72] CURD, JOHN G., US
[72] KUNKEL, LORI A., US
[72] GRILLO-LOPEZ, ANTONIO J., US
[73] GENENTECH, INC., US
[73] BIOGEN IDEC INC., US
[86] (2944644)
[87] (2944644)
[22] 2000-05-04
[62] 2,904,259
[30] US (60/133,018) 1999-05-07
[30] US (60/139,621) 1999-06-17

---

[11] **2,945,239**
[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) A47G 29/14 (2006.01) B64C 39/02 (2006.01) B64F 1/04 (2006.01) B65G 67/00 (2006.01) G07F 17/12 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR DELIVERING A SHIPMENT**
[54] **SYSTEME DE REMISE D'UN ENVOI**
[72] OGILVIE, THOMAS, DE
[72] PRUSKI, MATTHAUS, DE
[72] BENZ, RAMIN, DE
[73] DEUTSCHE POST AG, DE
[85] 2016-10-07
[86] 2015-04-01 (PCT/EP2015/057149)
[87] (WO2015/155086)
[30] DE (10 2014 105 196.3) 2014-04-11
[30] DE (10 2014 105 583.7) 2014-04-17

[11] **2,945,537**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 9/08 (2006.01) A61K 47/10 (2017.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING GLATIRAMER ACETATE PRODUCT**
[54] **PROCEDE DE FABRICATION DE PRODUIT D'ACETATE DE GLATIRAMERE**
[72] COHEN, RAKEFET, IL
[72] HABBAH, SASSON, IL
[72] SAFADI, MUHAMMAD, IL
[73] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2016-10-11
[86] 2015-09-21 (PCT/US2015/051203)
[87] (WO2016/122722)
[30] US (14/608,126) 2015-01-28

[11] **2,951,823**
[13] C
[51] **Int.Cl. B01D 53/30 (2006.01) G01N 1/22 (2006.01)**
[25] EN
[54] **LOW PRESSURE BIOGAS SAMPLE TAKEOFF AND CONDITIONING SYSTEM**
[54] **SYSTEME DE CONDITIONNEMENT ET DE PRELEVEMENT D'ECHANTILLON DE BIOGAZ BASSE PRESSION**
[72] GERHOLD, WALTER F., US
[73] MUSTANG SAMPLING, LLC, US
[85] 2016-12-09
[86] 2014-06-17 (PCT/US2014/042610)
[87] (WO2015/195087)
[30] US (14/305,130) 2014-06-16

[11] **2,956,090**
[13] C
[51] **Int.Cl. B64G 1/40 (2006.01) B64G 1/64 (2006.01) F16L 25/01 (2006.01) F16L 37/62 (2006.01) H01R 4/60 (2006.01)**
[25] EN
[54] **SPACECRAFT DOCKING CONNECTOR**
[54] **CONNECTEUR D'AMARRAGE D'ENGIN SPATIAL**
[72] JAEGER, TALBOT, US
[73] NOVAWURKS, INC., US
[85] 2017-01-23
[86] 2015-07-20 (PCT/US2015/041091)
[87] (WO2016/018657)
[30] US (14/444,092) 2014-07-28

[11] **2,959,447**
[13] C
[51] **Int.Cl. C25C 3/12 (2006.01) G06F 19/00 (2011.01) G06T 7/00 (2017.01)**
[25] EN
[54] **DETERMINING DOSING OF BINDING AGENT FOR COMBINING WITH PARTICULATE MATERIAL TO PRODUCE AN ELECTRODE**
[54] **DOSAGE DE DETERMINATION D'AGENT DE LIAISON PERMETTANT LA COMBINAISON AVEC UN MATERIAU PARTICULAIRE POUR PRODUIRE UNE ELECTRODE**
[72] GAGNON, ALEXANDRE, CA
[72] MENARD, YVON, CA
[72] BRIAND, JEAN-FRANCOIS, CA
[72] BACKHOUSE, NIGEL, AU
[72] DUFRENEY, JEAN-MICHEL, FR
[72] GENDRE, MAGALI, AU
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2017-02-27
[86] 2015-08-25 (PCT/CA2015/050811)
[87] (WO2016/029306)
[30] US (62/043,626) 2014-08-29

[11] **2,963,721**
[13] C
[51] **Int.Cl. A43B 3/00 (2006.01) B29D 35/02 (2010.01) A43B 5/00 (2006.01) A43B 5/16 (2006.01) A43B 23/00 (2006.01)**
[25] EN
[54] **SPORT FOOTWEAR**
[54] **CHAUSSURE DE SPORT**
[72] LAFRAMBOISE, STEVE, CA
[73] CORRECT MOTION INC., CA
[85] 2017-04-05
[86] 2015-10-07 (PCT/CA2015/051013)
[87] (WO2016/054737)
[30] US (62/061,239) 2014-10-08

Canadian Applications Open to Public Inspection

August 6, 2017 to August 12, 2017

Demandes canadiennes mises à la disponibilité du public

6 août 2017 au 12 août 2017

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[21] **2,918,992**
[13] A1
[51] **Int.Cl. A01M 7/00 (2006.01) A01M 13/00 (2006.01) A47L 13/26 (2006.01)**
[25] FR
[54] **STEAM SPRAYER TO COMBAT BEDBUGS**
[54] **PULVERISATEUR A VAPEUR POUR LUTTER CONTRE LES PUNAISES DE LIT**
[72] ZOUAIDIA, RIADH, CA
[72] GAGNE, STEPHANE ST, CA
[71] ZOUAIDIA, RIADH, CA
[71] GAGNE, STEPHANE ST, CA
[22] 2016-02-10
[41] 2017-08-10

---

[21] **2,920,166**
[13] A1
[51] **Int.Cl. A47K 3/12 (2006.01) A47G 29/00 (2006.01) A47K 17/00 (2006.01) G08B 21/02 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **BATHTUB SEAT & SIDE BOARD**
[54] **PANNEAU LATERAL ET SIEGE DE BAIGNOIRE**
[72] KUNG, FEI L., CA
[71] KUNG, FEI L., CA
[22] 2016-02-08
[41] 2017-08-08

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[21] **2,920,304**
[13] A1
[51] **Int.Cl. G10K 5/00 (2006.01)**
[25] EN
[54] **FLEXIBLE PEA-LESS WHISTLE**
[54] **SIFFLET SOUPLE SANS POIS**
[72] TORTORICI, MARCO, CA
[71] CHAUNG, JOSEPH, CA
[22] 2016-02-09
[41] 2017-08-09

---

[21] **2,920,323**
[13] A1
[51] **Int.Cl. H02N 11/00 (2006.01) H01L 35/28 (2006.01)**
[25] EN
[54] **PASSIVELY COOLED THERMOELECTRIC ENERGY HARVESTER**
[54] **CAPTEUR D'ENERGIE THERMOELECTRIQUE A REFROIDISSEMENT PASSIF**
[72] CAMPEAU, GERARD R., CA
[71] CAMPEAU, GERARD R., CA
[22] 2016-02-08
[41] 2017-08-08

---

[21] **2,920,324**
[13] A1
[51] **Int.Cl. G01P 21/00 (2006.01) G01F 25/00 (2006.01) E21F 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ULTRASONIC AIRFLOW MEASUREMENTS**
[54] **METHODE ET SYSTEME DE MESURE DE FLUX D'AIR ULTRASONIQUE**
[72] MAENPAA, DOUGLAS, CA
[72] SHARKEY, MICHAEL, CA
[72] DIGNARD, RICHARD, CA
[71] ACCUTRON INSTRUMENTS INC., CA
[22] 2016-02-08
[41] 2017-08-08

---

[21] **2,920,423**
[13] A1
[51] **Int.Cl. G01R 33/385 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY COILS FOR ENCODING VARIABLE RESOLUTION SPATIAL INFORMATION IN NUCLEAR MAGNETIC RESONANCE SIGNALS**
[54] **BOBINES DE FREQUENCE RADIO SERVANT A CODER DE L'INFORMATION SPATIALE A RESOLUTION VARIABLE DANS LES SIGNAUX DE RESONANCE MAGNETIQUE NUCLEAIRE**
[72] SARTY, GORDON ERIC, CA
[71] SARTY, GORDON ERIC, CA
[22] 2016-02-10
[41] 2017-08-10

---

[21] **2,920,427**
[13] A1
[51] **Int.Cl. H05K 5/02 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **ELECTRICAL HOUSING**
[54] **COFFRET ELECTRIQUE**
[72] PARFETT, HAROLD, CA
[71] ACE MANUFACTURING METALS LTD., CA
[22] 2016-02-10
[41] 2017-08-10

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[21] **2,920,467**
[13] A1
[51] **Int.Cl. G06K 19/07 (2006.01) H04W 4/00 (2009.01) G06Q 10/08 (2012.01)**
[25] FR
[54] **CHIP AND APPLICATION FOR TRACKING RECORDS FOR MINUTES**
[54] **PUCE ET APPLICATION SERVANT A RETRACER REGISTRES DES PROCES VERBAUX**
[72] UNKNOWN, ZZ
[71] FORTIN, ALEXANDRA, CA
[22] 2016-02-10
[41] 2017-08-10

[21] **2,920,469**
[13] A1
[51] **Int.Cl. E05B 27/00 (2006.01)**
[25] EN
[54] **WEATHER RESISTANT PIN LOCK**
[54] **CHEVILLE DE VERROUILLAGE RESISTANT AUX INTEMPERIES**
[72] MCLEOD, JOHN, CA
[72] SABELLI, TONINO, CA
[71] WESKO SYSTEMS LIMITED, CA
[22] 2016-02-09
[41] 2017-08-09

---

[21] **2,920,470**
[13] A1
[51] **Int.Cl. A01D 87/12 (2006.01) A01F 29/10 (2006.01)**
[25] EN
[54] **BALE TURNING APPARATUS FOR A BALE PROCESSOR**
[54] **APPAREIL DE RETOURNEMENT DE BALLES DESTINE A UN APPAREIL DE TRAITEMENT DE BALLES**
[72] NEUDORF, BLAKE, CA
[72] SUMMACH, MONTGOMERIE, CA
[72] DOKKEN, JOEL, CA
[72] KONDRA, GENE, CA
[71] HIGHLINE MANUFACTURING LTD., CA
[22] 2016-02-11
[41] 2017-08-11

---

[21] **2,920,550**
[13] A1
[51] **Int.Cl. E21C 35/18 (2006.01) E21D 9/10 (2006.01)**
[25] EN
[54] **RIPPER TOOTH FOR UNDERGROUND TUNNELLING MACHINE AND METHOD OF INSTALLING MULTIPLE CUTTING SURFACES INTO NOSE OF TOOTH**
[54] **DENT DE FENDEUR DESTINEE A UNE MACHINE DE PRODUCTION DE TUNNEL SOUS-TERRAIN ET METHODE D'INSTALLATION DE SURFACES MULTI-COUPES DANS LE NEZ DE LA DENT**
[72] HOSSEINZADEH, TAHER, CA
[72] MCINTYRE, JOHN, CA
[71] CAST STEEL PRODUCTS LP, BY ITS GENERAL PARTNER CAST STEEL PRODUCTS GP LTD., CA
[22] 2016-02-10
[41] 2017-08-10

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[21] **2,920,577**
[13] A1
[51] **Int.Cl. B65D 88/66 (2006.01) B65G 65/40 (2006.01) E04B 5/43 (2006.01)**
[25] EN
[54] **VIBRATORY FLOOR WITH CONTROLLED ATMOSPHERE, FOR COHESIVE PRODUCTS**
[54] **PLANCHER VIBRATOIRE A ATMOSPHERE CONTROLEE DESTINE A DES PRODUITS COHESIFS**
[72] PONCET, JEAN-CLAUDE, FR
[71] VIBRAFLOOR SAS, FR
[22] 2016-02-11
[41] 2017-08-11

---

[21] **2,920,643**
[13] A1
[51] **Int.Cl. B67B 3/18 (2006.01) B67B 3/20 (2006.01) B67B 3/28 (2006.01)**
[25] EN
[54] **CAPPING MACHINE**
[54] **MACHINE DE PRODUCTION DE REVETEMENT D'EMBOUT**
[72] JALBERT, LUC, CA
[72] BOISSONNEAULT, STEVE, CA
[72] LEBEL, ALEXANDRE, CA
[72] DEMERS, MAXIME, CA
[72] BERCEANU, ALEXANDRU, CA
[72] MONETTE, JONATHAN, CA
[71] 9250-1428 QUEBEC INC., CA
[22] 2016-02-11
[41] 2017-08-11

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[21] **2,920,646**
[13] A1
[51] **Int.Cl. C07F 7/04 (2006.01) C01B 33/113 (2006.01) C23C 16/40 (2006.01) C23C 16/44 (2006.01)**
[25] EN
[54] **ORGANOMETALLIC COMPOUND AND METHOD**
[54] **COMPOSE ORGANOMETALLIQUE ET METHODE**
[72] ODEDRA, RAJESH, CA
[72] DONG, CUNHAI, CA
[72] CEMBELLA, SHAUN, CA
[71] SEASTAR CHEMICALS INC., CA
[22] 2016-02-12
[41] 2017-08-12

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[21] **2,920,656**
[13] A1
[51] **Int.Cl. E21B 43/18 (2006.01) H01M 8/04007 (2016.01) H01M 8/0612 (2016.01) H01M 8/0668 (2016.01) E21B 43/16 (2006.01) F25J 1/00 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING COAL BED METHANE USING CARBON DIOXIDE**
[54] **METHODE D'EXTRACTION DE METHANE D'UNE COUCHE DE HOUILLE AU MOYEN DE DIOXYDE DE CARBONE**
[72] LOURENCO, JOSE, CA
[72] MILLAR, MACKENZIE, CA
[71] 1304342 ALBERTA LTD., CA
[71] 1304338 ALBERTA LTD., CA
[22] 2016-02-11
[41] 2017-08-09

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[21] **2,920,670**
[13] A1
[51] **Int.Cl. A61F 5/37 (2006.01) A61F 5/01 (2006.01)**
[25] EN
[54] **SHOULDER BRACES AND METHODS OF USE**
[54] **SUPPORTS D'EPAULE ET METHODES D'UTILISATION**
[72] NOLT, DEREK, CA
[72] BORGEL, BRYCE, CA
[71] NOLT, DEREK, CA
[22] 2016-02-12
[41] 2017-08-12

---

[21] **2,920,675**
[13] A1
[51] **Int.Cl. E04H 12/18 (2006.01) F21L 2/00 (2006.01) F21V 21/10 (2006.01)**
[25] EN
[54] **LIGHTING TOWER**
[54] **TOUR D'ECLAIRAGE**
[72] BRUINSMA, MARK, CA
[71] BRUINSMA, MARK, CA
[22] 2016-02-12
[41] 2017-08-12

[21] **2,920,762**
[13] A1
[51] **Int.Cl. H01R 4/50 (2006.01) H01R 4/66 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **SWAGED CONNECTORS FOR A GROUNDING GRID**
[54] **CONNECTEURS EMBOUTIS DESTINES A UN RESEAU DE MISE A LA TERRE**
[72] MCGANN, SHAWN KERRY, US
[72] SOSA, LUIS, US
[71] DMC POWER, INC., US
[22] 2016-02-09
[41] 2017-08-09

[21] **2,920,825**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **UNIFORM RESOURCE IDENTIFIER ENCODING**
[54] **CODAGE D'IDENTIFIANT DE RESSOURCE UNIFORME**
[72] WILLIAMS, HEIDEMARIE W., US
[72] FISCHER, ADAM, US
[72] KUWAHARA, TOD, US
[71] COSTAR REALTY INFORMATION, INC., US
[22] 2016-02-12
[41] 2017-08-12

[21] **2,920,958**
[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 47/07 (2012.01) E21B 43/10 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DEPLOYMENT OF MEASUREMENT SYSTEM IN A WELL**
[54] **METHODE ET APPAREIL DE DEPLOIEMENT D'UN APPAREIL DE MESURE DANS UN PUITS**
[72] GILL, GARY ERIC, CA
[71] GILL, GARY ERIC, CA
[22] 2016-02-12
[41] 2017-08-12

[21] **2,920,966**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **BLENDED POLYGON SEARCH**
[54] **RECHERCHE DE POLYGONE INTEGRE**
[72] FLORANCE, ANDREW, US
[72] WILLIAMS, HEIDEMARIE W., US
[72] FISCHER, ADAM, US
[72] KUWAHARA, TOD, US
[71] COSTAR REALTY INFORMATION, INC., US
[22] 2016-02-12
[41] 2017-08-12

[21] **2,920,968**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **IDENTIFYING POINTS OF INTEREST**
[54] **DETERMINATION DE POINTS D'INTERET**
[72] FLORANCE, ANDREW, US
[72] WILLIAMS, HEIDEMARIE W., US
[72] FISCHER, ADAM, US
[71] COSTAR REALTY INFORMATION, INC., US
[22] 2016-02-12
[41] 2017-08-12

[21] **2,921,095**
[13] A1
[51] **Int.Cl. G06F 9/06 (2006.01) G06F 15/00 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **UNLOCKING MECHANISM FOR DISABLED PORTABLE COMPUTING DEVICES USING QUICK RESPONSE CODE**
[54] **MECANISME DE DEVERROUILLAGE D'APPAREILS INFORMATIQUES PORTATIFS DESACTIVES AU MOYEN D'UN CODE QR**
[72] RODRIGS, JERI, CA
[71] RODRIGS, JERI, CA
[22] 2016-02-08
[41] 2017-08-08

[21] **2,924,443**
[13] A1
[51] **Int.Cl. G10L 19/16 (2013.01) G10L 19/005 (2013.01) H04B 1/40 (2015.01) H04R 3/00 (2006.01)**
[25] EN
[54] **AUDIO TRANSMITTER AND RECEIVER**
[54] **EMETTEUR RECEPTEUR AUDIO**
[72] ENGLAND, STEPHANIE, CA
[71] ENGLAND, STEPHANIE, CA
[22] 2016-03-22
[41] 2017-08-11
[30] US (62/293,778) 2016-02-11

[21] **2,925,189**
[13] A1
[51] **Int.Cl. B23K 9/04 (2006.01) B60P 3/14 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **MOBILE HARDBANDING UNIT**
[54] **MODULE DE BORDAGE MOBILE**
[72] ACQUAYE, JAMES G., US
[71] ACQUAYE, JAMES G., US
[22] 2016-03-29
[41] 2017-08-11
[30] US (15/041,700) 2016-02-11

[21] **2,926,835**
[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **REDUCED POWER CONSUMPTION ELECTROMAGNETIC LOCK**
[54] **VERROU ELECTROMAGNETIQUE A CONSOMMATION ENERGETIQUE REDUITE**
[72] DAVIS, BRETT L., US
[72] SHAFFER, RANDALL, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2016-04-13
[41] 2017-08-09
[30] US (62/293,185) 2016-02-09

[21] **2,932,531**
[13] A1
[51] **Int.Cl. A47C 17/86 (2006.01) A47B 5/06 (2006.01) A47C 17/38 (2006.01) A47C 17/52 (2006.01) F21V 21/30 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **EMBEDDED FURNITURE HAVING RETRACTIBLE LEGS WITH LIGHTING**
[54] **MOBILIER INTEGRE COMPORTANT DES PATTES RETRACTABLES DOTEES D'ECLAIRAGE**
[72] GOSLING, GEOFF, CA
[72] BLEHM, COLIN, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[22] 2016-06-08
[41] 2017-08-10
[30] US (62/293,568) 2016-02-10
[30] US (62/293,573) 2016-02-10

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[21] **2,932,533**
[13] A1
[51] **Int.Cl. A47B 97/00 (2006.01)**
[25] EN
[54] **MODULAR WALLS WITH EMBEDDED FURNITURE AND OPPOSING FEATURE**
[54] **PAROIS MODULAIRES DOTEES DE MOBILIER INTEGRE ET DE FONCTIONNALITE D'OPPOSITION**
[72] GOSLING, GEOFF, CA
[72] BLEHM, COLIN, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[22] 2016-06-08
[41] 2017-08-10
[30] US (62/293,568) 2016-02-10
[30] US (62/293,573) 2016-02-10

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[21] **2,932,539**
[13] A1
[51] **Int.Cl. E04F 19/02 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **SLIDABLE SNAP-IN TRIM SYSTEM**
[54] **SYSTEME DE BORDURE ENCLENCHEE COULISSANTE**
[72] GOSLING, GEOFF, CA
[72] BROWN, THOMAS, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[22] 2016-06-08
[41] 2017-08-10
[30] US (62/293,576) 2016-02-10

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[21] **2,933,054**
[13] A1
[51] **Int.Cl. E02B 3/04 (2006.01) E02B 3/00 (2006.01) E04H 17/00 (2006.01)**
[25] EN
[54] **STRUCTURALLY ENHANCED GEOTEXTILE SEDIMENT-CONTROL FENCES**
[54] **BARRIERES DE CONTROLE DE SEDIMENTS EN GEOTEXTILE A STRUCTURE AMELIOREE**
[72] SEGROVES, THOMAS KYLE, US
[72] SLIGER, STEPHEN MATTHEW, US
[72] WOLFE, KEVIN BRIAN, US
[71] DENNY HASTINGS FLP 14, US
[22] 2016-06-15
[41] 2017-08-12
[30] US (62/294,841) 2016-02-12
[30] US (62/295,876) 2016-02-16
[30] US (15/179,666) 2016-06-10

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[21] **2,938,239**
[13] A1
[51] **Int.Cl. E02B 8/04 (2006.01) E02B 7/40 (2006.01)**
[25] EN
[54] **FLASHBOARD RISER SYSTEM AND METHOD FOR WATER MANAGEMENT**
[54] **DISPOSITIF RELEVEUR DE BATARDEAU ET METHODE DE GESTION DE L'EAU**
[72] WATSON, NORMAN PAUL, US
[71] WATSON, NORMAN PAUL, US
[22] 2016-08-05
[41] 2017-08-08
[30] US (15/018,306) 2016-02-08

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[21] **2,941,601**
[13] A1
[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **IMPACT ABSORPTION PADDING FOR CONTACT SPORTS HELMETS**
[54] **COUSSINET D'ABSORPTION D'IMPACT DESTINE AUX CASQUES DE SPORTS DE CONTACT**
[72] KUNTZ, CARL, CA
[71] KUNTZ, CARL, CA
[22] 2016-09-09
[41] 2017-08-12
[30] US (62/294,356) 2016-02-12

---

[21] **2,942,030**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING BLUEPRINTS FOR ENTERPRISES**
[54] **SYSTEMES ET METHODE DE PRODUCTION DE PLANS DE REFERENCE DESTINES A DES ENTREPRISES**
[72] JADHAV, SACHIN SADASHIV, IN
[72] NATU, MAITREYA, IN
[72] SADAPHAL, VAISHALI PAITHANKAR, IN
[72] KULKARNI, VAISHALI SHASHANK, IN
[72] VIN, HARRICK MAYANK, IN
[72] KELKAR, RAHUL RAMESH, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2016-09-15
[41] 2017-08-10
[30] IN (201621004796) 2016-02-10

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[21] **2,946,226**
[13] A1
[51] **Int.Cl. H01Q 21/06 (2006.01) H01Q 1/38 (2006.01) H05K 3/42 (2006.01)**
[25] EN
[54] **SCALABLE PLANAR PACKAGING ARCHITECTURE FOR ACTIVELY SCANNED PHASED ARRAY ANTENNA SYSTEM**
[54] **ARCHITECTURE D'EMBALLAGE PLANAIRE MODULABLE DESTINEE A UN DISPOSITIF D'ANTENNE RESEAU A COMMANDE DE PHASE BALAYE ACTIVEMENT**
[72] NAVARRO, JULIO A., US
[72] PIETILA, DOUGLAS A., US
[71] THE BOEING COMPANY, US
[22] 2016-10-20
[41] 2017-08-08
[30] US (15/018,747) 2016-02-08

[21] **2,947,555**
[13] A1
[51] **Int.Cl. H01R 4/46 (2006.01) H01R 4/66 (2006.01)**
[25] EN
[54] **CLAMP FOR CLAMPING AN ELECTRICAL TERMINAL TERMINATING AN ELECTRICAL WIRE TO AN ELECTRICALLY CONDUCTIVE POST**
[54] **PINCE DESTINEE A FIXER UNE BORNE ELECTRIQUE D'EXTREMITE D'UN FIL ELECTRIQUE A UN MONTANT CONDUCTEUR D'ELECTRICITE**
[72] CHADBOURNE, CHRISTOPHER GILPIN, US
[71] HUBBELL INCORPORATED, US
[22] 2016-11-04
[41] 2017-08-10
[30] US (15/040,411) 2016-02-10

[21] **2,948,425**
[13] A1
[51] **Int.Cl. B63B 35/74 (2006.01) B63B 35/73 (2006.01) B63B 35/76 (2006.01)**
[25] EN
[54] **WATERCRAFT**
[54] **EMBARCATION**
[72] BRIGHAM, HENRY DAY, III, US
[72] BRIGHAM, CARTER MICHEL, US
[72] ALESINA, INNA, US
[71] BRIGHAMFLOATS, LLC, US
[22] 2016-11-10
[41] 2017-08-09
[30] US (15/019,745) 2016-02-09

[21] **2,949,149**
[13] A1
[51] **Int.Cl. H02G 11/02 (2006.01) B60R 16/03 (2006.01) B60R 16/037 (2006.01) B64D 11/06 (2006.01) H02J 4/00 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR DISTRIBUTING ELECTRICAL POWER AND DATA BETWEEN STRUCTURES**
[54] **SYSTEME MODULAIRE SERVANT A DISTRIBUER L'ALIMENTATION ELECTRIQUE ET LES DONNEES AUX STRUCTURES**
[72] SILVA, JAMES E., US
[72] TOFFLEMIRE, ANDREW JOHN, US
[72] JOHNSON, MICHAEL A., US
[72] ELLIOTT, SAMUEL J., US
[72] LEE, DAVID E., US
[71] THE BOEING COMPANY, US
[22] 2016-11-22
[41] 2017-08-09
[30] US (15/019485) 2016-02-09

[21] **2,949,257**
[13] A1
[51] **Int.Cl. B64C 21/02 (2006.01) B64C 3/26 (2006.01) F15D 1/12 (2006.01)**
[25] EN
[54] **LAMINAR FLOW PANEL**
[54] **PANNEAU D'ECOULEMENT LAMINAIRE**
[72] KOPPELMAN, HENRY J., US
[72] KLEIN, MICHAEL K., US
[71] THE BOEING COMPANY, US
[22] 2016-11-22
[41] 2017-08-12
[30] US (15/043152) 2016-02-12

[21] **2,949,582**
[13] A1
[51] **Int.Cl. A41D 11/00 (2006.01)**
[25] EN
[54] **BABY SLEEPING GARMENT**
[54] **PYJAMA POUR BEBE**
[72] VILLARREAL, LOURDES, AU
[71] S & M TRADING PTY LTD., AU
[22] 2016-11-24
[41] 2017-08-10
[30] AU (2016900452) 2016-02-10

[21] **2,949,662**
[13] A1
[51] **Int.Cl. C09D 5/08 (2006.01) C09D 7/12 (2006.01) C23F 11/18 (2006.01)**
[25] EN
[54] **ANTI-CORROSION AND/OR PASSIVATION COMPOSITIONS FOR METAL-CONTAINING SUBSTRATES AND METHODS FOR MAKING, ENHANCING, AND APPLYING THE SAME**
[54] **COMPOSITIONS D'ANTICORROSION OU DE PASSIVATION DESTINEES AUX SUBSTRATS COMPORTANT DU METAL ET METHODES DE FABRICATION, AMELIORATION ET APPLICATION ASSOCIEES**
[72] ZHANG, WEILONG, US
[72] KRYZMAN, MICHAEL A., US
[72] ZAFIRIS, GEORGIOS S., US
[72] JAWOROWSKI, MARK R., US
[72] PANZA-GIOSA, ROQUE, CA
[72] MANZINI, MARILEA, CA
[71] GOODRICH CORPORATION, US
[22] 2016-11-24
[41] 2017-08-11
[30] US (15/041,894) 2016-02-11

[21] **2,949,665**
[13] A1
[51] **Int.Cl. G01K 13/02 (2006.01)**
[25] EN
[54] **TOTAL AIR TEMPERATURE PROBE WITH EFFICIENT PARTICLE PASS THROUGH**
[54] **SONDE DE TEMPERATURE D'AIR TOTALE A PASSAGE DE PARTICULE EFFICACE**
[72] ISEBRAND, SCOTT D., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-11-24
[41] 2017-08-10
[30] US (15/040,627) 2016-02-10

[21] **2,950,468**
[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **MODEL FOR MANAGING VARIATIONS IN A PRODUCT STRUCTURE FOR A PRODUCT**
[54] **MODELE DE GESTION DES VARIATIONS DANS UNE STRUCTURE DE PRODUIT D'UN PRODUIT**
[72] CALLAHAN, SEAN M., US
[72] PUTERBAUGH, KEVIN D., US
[71] THE BOEING COMPANY, US
[22] 2016-11-30
[41] 2017-08-12
[30] US (15/042,933) 2016-02-12

[21] **2,950,714**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **TURBINE FRAME COOLING SYSTEMS AND METHODS OF ASSEMBLY FOR USE IN A GAS TURBINE ENGINE**
[54] **SYSTEMES DE REFROIDISSEMENT DE CHASSIS DE TURBINE ET METHODES D'ASSEMBLAGE DESTINEES A UNE TURBINE A GAZ**
[72] LIPINSKI, THOMAS, US
[72] LACHAPELLE, DONALD GEORGE, US
[72] MOORE, KENNETH JAY, US
[72] TRACEY, BRADFORD ALAN, US
[72] WAYMEYER, STEPHEN JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-06
[41] 2017-08-11
[30] US (15/041,524) 2016-02-11

[21] **2,950,729**
[13] A1
[51] **Int.Cl. B60P 1/42 (2006.01) A01D 90/10 (2006.01) B65G 33/08 (2006.01)**
[25] EN
[54] **TELESCOPING FLOW CONTROL DISCHARGE SPOUT ASSEMBLY FOR A CONVEYOR OF GRANULAR MATERIAL**
[54] **DISPOSITIF DE BEC D'EVACUATION DE CONTROLE D'ECOULEMENT TELESCOPIQUE DESTINE A UN CONVOYEUR DE MATIERE GRANULAIRE**
[72] GAERKE, JOSHUA P., US
[71] J. & M. MANUFACTURING CO., INC., US
[22] 2016-12-06
[41] 2017-08-08
[30] US (15/017,951) 2016-02-08

[21] **2,951,092**
[13] A1
[51] **Int.Cl. F21S 9/02 (2006.01) F21K 9/00 (2016.01) F21S 8/00 (2006.01) F21V 21/08 (2006.01) F21V 23/04 (2006.01) F21V 23/06 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **REUSABLE LED LANDSCAPE TOOL AND METHOD**
[54] **OUTIL DE PAYSAGEMENT A DEL REUTILISABLE ET METHODE**
[72] KING, LLOYD HERBERT, US
[72] KEEVEN, JAMES, US
[72] HINER, WILLIAM, US
[71] THE PATENT STORE LLC, US
[22] 2016-12-08
[41] 2017-08-10
[30] US (14/988,497) 2016-02-10
[30] US (15/330,451) 2016-09-22

[21] **2,952,217**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL A WELD CURRENT AMPERAGE**
[54] **METHODES ET APPAREIL DE CONTROLE DE L'INTENSITE DE COURANT DE SOUDURE**
[72] ULRICH, JAMES F., US
[72] CASNER, BRUCE A., US
[72] STAPP, ZAKARY, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2016-12-20
[41] 2017-08-10
[30] US (15/040,632) 2016-02-10

[21] **2,952,258**
[13] A1
[51] **Int.Cl. H02J 3/38 (2006.01) H02B 1/50 (2006.01) H02H 3/16 (2006.01)**
[25] EN
[54] **MARINA POWER PEDESTAL SPLITTER CORD AND ELECTRICAL DISTRIBUTION SYSTEM INCLUDING THE SAME**
[54] **CORDON DIVISEUR DE SOCLE D'ALIMENTATION DE MARINA ET SYSTEME DE DISTRIBUTION D'ELECTRICITE LE COMPORTANT**
[72] DRUEKE, CHRISTOPHER EMMONS, US
[72] KUYKENDALL, JEFFREY SCOTT, US
[72] SEFF, PAUL DAVID, US
[72] EASTON, JASON DEMETRIOS, US
[71] EATON CORPORATION, US
[22] 2016-12-19
[41] 2017-08-09
[30] US (15/019,159) 2016-02-09

[21] **2,952,579**
[13] A1
[51] **Int.Cl. E02F 3/96 (2006.01) E02F 3/36 (2006.01)**
[25] EN
[54] **QUICK HITCH FOR TOOLS OF EXCAVATORS, CRANES, CRAWLER-TYPE VEHICLES OR THE LIKE**
[54] **DISPOSITIF D'ATTELAGE ECLAIR DESTINE AUX OUTILS D'EXCAVATRICES, GRUES, VEHICULES DE TYPE A CHENILLES OU AUTRES SEMBLABLES**
[72] FRIEDRICH, THOMAS, DE
[71] KINSHOFER GMBH, DE
[22] 2016-12-21
[41] 2017-08-12
[30] DE (20 2016 000 930.4) 2016-02-12

[21] **2,953,321**
[13] A1
[51] **Int.Cl. A47J 44/00 (2006.01) A47J 43/046 (2006.01) A47J 43/06 (2006.01) B26D 1/147 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROCESSING FOODS**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DES ALIMENTS**
[72] ENGLER, VALENTIN, CH
[71] BETTY BOSSI AG, CH
[22] 2016-12-29
[41] 2017-08-08
[30] CH (00167/16) 2016-02-08

[21] **2,953,762**
[13] A1
[51] **Int.Cl. B60B 27/00 (2006.01) B60T 17/00 (2006.01)**
[25] EN
[54] **DISC BRAKE ROTOR ADAPTER**
[54] **ADAPTATEUR DE ROTOR DE FREIN A DISQUE**
[72] HAMMER, EDWARD, US
[71] SAF-HOLLAND, INC., US
[22] 2017-01-04
[41] 2017-08-09
[30] US (62/293,112) 2016-02-09
[30] US (15/373,181) 2016-12-08

[21] **2,953,932**
[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) E04H 17/14 (2006.01)**
[25] EN
[54] **GUARD RAIL SYSTEM**
[54] **SYSTEME DE RAIL PROTECTEUR**
[72] BIZZARRI, PAUL, US
[72] DAVOLL, JASON A., US
[72] GORI, MICHAEL A., US
[72] PEARSON, RICHARD ARTHUR, II, US
[72] TURNER, RONALD KEITH, US
[71] CPG INTERNATIONAL LLC, US
[22] 2017-01-06
[41] 2017-08-12
[30] US (15/042,637) 2016-02-12

[21] **2,953,979**
[13] A1
[51] **Int.Cl. C23C 16/04 (2006.01) C23C 16/06 (2006.01) C23C 16/48 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE LOCALIZED DEPOSIT OF METAL ON A SURFACE**
[54] **METHODE ET SYSTEME DE DEPOT LOCALISE DE METAL SUR UNE SURFACE**
[72] XIAO, ZHIGANG, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-01-09
[41] 2017-08-08
[30] US (15/018,148) 2016-02-08

[21] **2,955,507**
[13] A1
[51] **Int.Cl. B29C 65/18 (2006.01)**
[25] EN
[54] **REFLECTION INNER RING**
[54] **ANNEAU INTERNE DE REFLEXION**
[72] HASIFIC, EDIN, CH
[72] ROSCH, JURGEN, DE
[71] GEORG FISCHER ROHRLEITUNGSSYSTEME AG, CH
[22] 2017-01-17
[41] 2017-08-09
[30] EP (16 154 758.3) 2016-02-09

[21] **2,955,959**
[13] A1
[51] **Int.Cl. A61B 5/0452 (2006.01) A61B 5/044 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **INTERPOLATION OF DYNAMIC THREE-DIMENSIONAL MAPS**
[54] **INTERPOLATION DE CARTES TRIDIMENSIONNELLES DYNAMIQUES**
[72] URMAN, ROY, IL
[72] BAR-TAL, MEIR, IL
[72] ZRIHAM, YANIV BEN, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-01-24
[41] 2017-08-11
[30] US (15/041,385) 2016-02-11

[21] **2,956,100**
[13] A1
[51] **Int.Cl. H01H 71/10 (2006.01) H01H 71/50 (2006.01) H01H 71/52 (2006.01)**
[25] EN
[54] **A SWITCHING DEVICE FOR LV ELECTRIC INSTALLATIONS**
[54] **UN DISPOSITIF DE COMMUTATION DESTINE AUX INSTALLATIONS ELECTRIQUES BASSE TENSION**
[72] ROTA MARTIR, ROBERTO, IT
[72] GHISLOTTI, MAURO, IT
[71] ABB S.P.A., IT
[22] 2017-01-24
[41] 2017-08-10
[30] EP (16155048.8) 2016-02-10

[21] **2,956,162**
[13] A1
[51] **Int.Cl. E01H 4/02 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **TRACKED PISTE GROOMING VEHICLE FOR MAINTENANCE AND SHAPING OF SNOWY TERRAIN**
[54] **VEHICULE DE TRACAGE DE PISTE DESTINE A L'ENTRETIEN ET AU TRACAGE D'UN TERRAIN ENNEIGE**
[72] KUHN, MICHAEL, DE
[72] JUNGINGER, BERND, DE
[71] KASSBOHRER GELANDEFAHRZEUG AG, DE
[22] 2017-01-31
[41] 2017-08-11
[30] EP (16155191.6) 2016-02-11

[21] **2,956,346**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBINE ENGINE AIRFOIL WITH COOLING**
[54] **PROFIL DYNAMIQUE DE TURBINE DOTE DE REFROIDISSEMENT**
[72] LESSARD, BRIDGET LUCY, US
[72] REDDY, BHANU MAHASAMUDRAM, US
[72] ZHU, GAOQIU, US
[72] LEE, MICHAEL JONG, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/018,155) 2016-02-08

[21] **2,956,347**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/20 (2006.01) F01D 9/02 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **TURBINE ENGINE COMPRESSOR BLADE**
[54] **AILETTE DE COMPRESSEUR DE TURBINE**
[72] MOECKEL, CURTIS WILLIAM, US
[72] WOOD, PETER JOHN, US
[72] ADAM, MATTHEW FORD, US
[72] FALK, ERIC ANDREW, US
[72] STECHER, MARK JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/018,126) 2016-02-08

[21] **2,956,362**
[13] A1
[51] **Int.Cl. F01D 11/02 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH A RIM SEAL BETWEEN THE ROTOR AND STATOR**
[54] **TURBINE A GAZ DOTEE D'UN JOINT DE BORDURE ENTRE LE ROTOR ET LE STATOR**
[72] RATZLAFF, JONATHAN RUSSELL, US
[72] HOGAN, MICHAEL THOMAS, US
[72] MONTGOMERY, JULIUS JOHN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-10
[30] US (15/040,603) 2016-02-10

[21] **2,956,363**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **AIRFOIL ASSEMBLY WITH LEADING EDGE ELEMENT**
[54] **STRUCTURE DE PROFIL DYNAMIQUE DOTEE D'UN ELEMENT DE BORD D'ATTAQUE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] WOOD, TREVOR HOWARD, US
[72] SHIM, DONG-JIN, US
[72] SHAH, PRANAV DHOJ, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-10
[30] US (15/040,582) 2016-02-10

[21] **2,956,366**
[13] A1
[51] **Int.Cl. F01D 25/16 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **BEARING OUTER RACE RETENTION DURING HIGH LOAD EVENTS**
[54] **RETENTION DE COURSE EXTERIEURE DE PALIER PENDANT LES EVENEMENTS DE CHARGE ELEVEE**
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] CARTER, BRUCE ALAN, US
[72] CORMAN, CHARLES ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/017,791) 2016-02-08

[21] **2,956,368**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F16C 33/58 (2006.01)**
[25] EN
[54] **BEARING OUTER RACE RETENTION DURING HIGH LOAD EVENTS**
[54] **RETENTION DE COURSE EXTERIEURE DE PALIER PENDANT LES EVENEMENTS DE CHARGE ELEVEE**
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] CARTER, BRUCE ALAN, US
[72] CORMAN, CHARLES ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-08
[30] US (15/017,805) 2016-02-08

[21] **2,956,378**
[13] A1
[51] **Int.Cl. H04M 3/436 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING CALLER INFORMATION**
[54] **METHODE ET SYSTEME DE FOURNITURE D'INFORMATION SUR L'APPELANT**
[72] HILLIER, KATAYOUN, CA
[72] HILLIER, PETER, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2017-01-27
[41] 2017-08-10
[30] US (15/040756) 2016-02-10

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[21] **2,956,562**
[13] A1
[51] **Int.Cl. A47C 7/40 (2006.01) A47C 1/022 (2006.01) A47C 5/12 (2006.01) A47C 7/14 (2006.01)**
[25] EN
[54] **BACK SUPPORT FOR A CHAIR**
[54] **SUPPORT LOMBAIRE DESTINE A UNE CHAISE**
[72] BEYER, PETER J., US
[72] FLEET, KYLE R., US
[72] SCHASEL, MICHAEL E., US
[72] KERCHER, TODD A., US
[72] GESSLER, BRIAN S., US
[72] BELLINGAR, TERESA A., US
[71] HAWORTH, INC., US
[22] 2017-01-27
[41] 2017-08-12
[30] US (15/042,723) 2016-02-12

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[21] **2,956,642**
[13] A1
[51] **Int.Cl. B61D 7/16 (2006.01)**
[25] EN
[54] **HATCH COVER FOR RAILWAY CARS AND METHOD OF MANUFACTURING THE SAME**
[54] **PANNEAU DE TRAPPE DE WAGONS ET METHODE DE FABRICATION ASSOCIEE**
[72] SANDHEINRICH, GLENN, US
[72] RECKKER, CHRISTOPHER, US
[72] GONZALEZ, FRANCISCO J., US
[71] AMERICAN RAILCAR INDUSTRIES, INC., US
[22] 2017-01-30
[41] 2017-08-10
[30] US (15/040,562) 2016-02-10

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[21] **2,956,690**
[13] A1
[51] **Int.Cl. B23Q 35/00 (2006.01) B23Q 33/00 (2006.01)**
[25] EN
[54] **KEY DUPLICATION MACHINE HAVING USER-BASED FUNCTIONALITY**
[54] **MACHINE DE REPRODUCTION DE CLE COMPORTANT UNE FONCTIONNALITE FONDEE SUR L'UTILISATEUR**
[72] SPANGLER, TODD, US
[72] BURKETT, MICHAEL, US
[72] SHOENHAIR, JORDAN, US
[71] THE HILLMAN GROUP INC., US
[22] 2017-01-31
[41] 2017-08-08
[30] US (62/292,671) 2016-02-08

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[21] **2,956,748**
[13] A1
[51] **Int.Cl. G06F 17/18 (2006.01)**
[25] EN
[54] **TOP-EVENT ASSESSMENT APPARATUS**
[54] **APPAREIL D'EVALUATION D'EVENEMENT EN TETE DE LISTE**
[72] ITO, SHINGO, JP
[72] SATO, KEIYA, JP
[71] MITSUBISHI AIRCRAFT CORPORATION, JP
[22] 2017-01-31
[41] 2017-08-12
[30] JP (2016-024551) 2016-02-12

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[21] **2,956,761**
[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **WALL MOUNTABLE CONNECTOR TERMINAL CONFIGURATION**
[54] **CONFIGURATION DE BORNE DE CONNECTEUR DESTINEE A UNE INSTALLATION MURALE**
[72] READ, TRAVIS, US
[72] EMMONS, DAVID J., US
[72] GILMER, PRESTON, US
[72] AMUNDSON, JOHN, US
[72] FINCH, HEIDI, US
[72] BARTON, ERIC, US
[72] SAPAK, JIRI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-30
[41] 2017-08-12
[30] US (15/042,397) 2016-02-12

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[21] **2,956,762**
[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **HVAC WALL MOUNTABLE CONNECTOR WITH MOVABLE DOOR**
[54] **RACCORD MURAL DE CVCA A PORTE MOBILE**
[72] READ, TRAVIS, US
[72] EMMONS, DAVID J., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-30
[41] 2017-08-12
[30] US (15/042,913) 2016-02-12

[21] **2,956,763**
[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) G05D 23/19 (2006.01)**
[25] EN
[54] **WALL MOUNTABLE CONNECTOR FOR AN HVAC CONTROLLER**
[54] **RACCORD MURAL DESTINE A UN CONTROLEUR CVCA**
[72] EMMONS, DAVID J., US
[72] READ, TRAVIS, US
[72] BARTON, ERIC, US
[72] WOLFF, STEVEN L., US
[72] PUTREVU, SRIHARSHA, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-30
[41] 2017-08-12
[30] US (15/042,941) 2016-02-12

[21] **2,956,829**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/94 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **ADAPTER, EXTENSION, AND CONNECTOR ASSEMBLIES FOR SURGICAL DEVICES**
[54] **DISPOSITIFS D'ADAPTATEUR, DE RALLONGE ET DE RACCORD DESTINES A DES APPAREILS CHIRURGICAUX**
[72] CABRERA, RAMIRO, US
[72] PAUL, STEPHEN, US
[71] COVIDIEN LP, US
[22] 2017-02-01
[41] 2017-08-10
[30] US (15/040,571) 2016-02-10

[21] **2,956,832**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SURGICAL STAPLER WITH SMALL DIAMETER ENDOSCOPIC PORTION**
[54] **AGRAFEUSE CHIRURGICALE A PORTION ENDOSCOPIQUE A PETIT DIAMETRE**
[72] MARCZYK, STANISLAW, US
[72] ARANYI, ERNIE, US
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2017-02-01
[41] 2017-08-11
[30] US (15/041,117) 2016-02-11

[21] **2,956,834**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **SURGICAL STAPLER WITH ARTICULATION LOCKING MECHANISM**
[54] **AGRAFEUSE CHIRURGICALE DOTEE D'UN MECANISME DE BLOCAGE D'ARTICULATION**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2017-02-01
[41] 2017-08-10
[30] US (15/040,710) 2016-02-10

[21] **2,956,861**
[13] A1
[51] **Int.Cl. F15B 13/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CALIBRATING A HYDRAULIC DRIVE SYSTEM**
[54] **SYSTEME ET METHODE DE CALIBRAGE D'UN SYSTEME D'ENTRAINEMENT HYDRAULIQUE**
[72] MORRISON, TOM, US
[72] ROTOLE, DAVID V., US
[72] THIES, ERIC M., US
[72] USASZ, MITCHELL R., US
[72] WRIGHT, WALTER C., US
[71] DEERE & COMPANY, US
[22] 2017-02-01
[41] 2017-08-11
[30] US (62/294,045) 2016-02-11
[30] US (15/404,779) 2017-01-12

[21] **2,956,889**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **EVENT-COMBINATION ASSESSMENT APPARATUS**
[54] **APPAREIL D'EVALUATION DE COMBINAISON D'EVENEMENTS**
[72] ITO, SHINGO, JP
[72] NAKAMURA, MITSUGU, JP
[72] SATO, KEIYA, JP
[71] MITSUBISHI AIRCRAFT CORPORATION, JP
[22] 2017-02-01
[41] 2017-08-10
[30] JP (2016-023342) 2016-02-10

[21] **2,956,900**
[13] A1
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/14 (2006.01) F04D 29/28 (2006.01)**
[25] EN
[54] **CENTRIFUGAL COMPRESSOR ASSEMBLY FOR USE IN A TURBINE ENGINE AND METHOD OF ASSEMBLY**
[54] **MECANISME DE COMPRESSEUR CENTRIFUGE DESTINE A UNE TURBINE ET METHODE D'ASSEMBLAGE**
[72] MONIZ, THOMAS ORY, US
[72] ROSE, JOSEPH GEORGE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-11
[30] US (15/041,467) 2016-02-11

[21] **2,956,901**
[13] A1
[51] **Int.Cl. F01D 5/10 (2006.01) F01D 5/02 (2006.01) F01D 5/06 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH RING DAMPER**
[54] **TURBINE A GAZ DOTEE D'AMORTISSEUR ANNULAIRE**
[72] PRESCOTT, JEFFREY MILES MCMILLEN, US
[72] WESLING, RICHARD ALAN, US
[72] SIMEONE, PETER ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,187) 2016-02-12

[21] **2,956,908**
[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 27/00 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F01D 25/26 (2006.01)**
[25] EN
[54] **AIRCRAFT ENGINE WITH AN IMPACT PANEL**
[54] **MOTEUR D'AERONEF DOTE D'UN PANNEAU D'IMPACT**
[72] GEMEINHARDT, GREGORY CARL, US
[72] SCHULTE, MICHAEL DOMINIC, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-11
[30] US (15/041,696) 2016-02-11

[21] **2,956,914**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 5/14 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **AIRFOIL TRAILING EDGE COOLING**
[54] **REFROIDISSEMENT DE BORD DE TRAINEE DE PROFIL AERODYNAMIQUE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,611) 2016-02-12

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[21] **2,956,915**
[13] A1
[51] **Int.Cl. F01D 25/16 (2006.01) F01D 21/14 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **ROTOR SUPPORT SYSTEM WITH SHAPE MEMORY ALLOY COMPONENTS FOR A GAS TURBINE ENGINE**
[54] **MECANISME DE SUPPORT DE ROTOR DOTE DE COMPOSANTES EN ALLIAGE A MEMOIRE DE FORME DESTINE A UNE TURBINE A GAZ**
[72] KHAN, ESUFF, IN
[72] AC, SHIVARAM, IN
[72] BURAVALLA, VIDYASHANKAR RAMASASTRY, IN
[72] GHOSH, SHUVAJYOTI, IN
[72] JOSHI, AKASH, IN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-11
[30] US (15/041,136) 2016-02-11

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[21] **2,956,917**
[13] A1
[51] **Int.Cl. B64C 25/50 (2006.01) F16F 7/10 (2006.01)**
[25] FR
[54] **AIRCRAFT LANDING GEAR INCLUDING A MAIN SHOCK ABSORBER AND A SECONDARY, ANTI-SHIMMY SHOCK ABSORBER**
[54] **ATTERRISSEUR POUR AERONEF COMPORTANT UN AMORTISSEUR PRINCIPAL ET UN AMORTISSEUR SECONDAIRE ANTI SHIMMY**
[72] DAUPHIN, FLORENT, FR
[72] FORTIER, FLORENT, FR
[72] DUBOIS, SEBASTIEN, FR
[71] SAFRAN LANDING SYSTEMS, FR
[22] 2017-02-01
[41] 2017-08-10
[30] FR (16 51081) 2016-02-10

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[21] **2,956,918**
[13] A1
[51] **Int.Cl. B64F 5/00 (2017.01) B64D 47/00 (2006.01)**
[25] EN
[54] **REAL TIME NON-ONBOARD DIAGNOSTICS OF AIRCRAFT FAILURES**
[54] **DIAGNOSTIC NON EMBARQUE EN TEMPS REEL DE DEFAILLANCES D'AERONEF**
[72] BOLLING, RANDY E., US
[72] MCGILL, CHRISTOPHER SCOTT, US
[72] CARON, GERARD JOHN, US
[72] DERF, JEFFREY ALLEN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,502) 2016-02-12

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[21] **2,956,941**
[13] A1
[51] **Int.Cl. G02B 6/10 (2006.01) G02B 5/20 (2006.01) H01S 3/098 (2006.01)**
[25] EN
[54] **OPTICAL FIBER ASSEMBLY WITH ENHANCED FILTERING OF HIGHER-ORDER MODES**
[54] **ASSEMBLAGE DE FIBRE OPTIQUE A FILTRAGE AMELIORE DE MODES D'ORDRE SUPERIEUR**
[72] DELADURANTAYE, MARC, CA
[72] PARE, CLAUDE, CA
[72] LAPERLE, PIERRE, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2017-02-03
[41] 2017-08-12
[30] US (62/294,525) 2016-02-12

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[21] **2,956,972**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **FLOWPATH CONTOURING**
[54] **CONTOURNEMENT DE PARCOURS D'ECOULEMENT**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,568) 2016-02-12

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[21] **2,956,978**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **THERMAL STRESS RELIEF OF A COMPONENT**
[54] **LIBERATION DE CONTRAINTE THERMIQUE D'UN COMPOSANT**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/042,674) 2016-02-12

[21] **2,956,985**
[13] A1
[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/76 (2006.01)**
[25] EN
[54] **REVERSE THRUST ENGINE**
[54] **MOTEUR A POUSSEE INVERSEE**
[72] NAKANO, TSUGUJI, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-09
[30] US (15/018,893) 2016-02-09

[21] **2,957,009**
[13] A1
[51] **Int.Cl. C22C 30/00 (2006.01) C22C 19/07 (2006.01) C23C 4/04 (2006.01) C23C 4/12 (2016.01)**
[25] EN
[54] **WEAR RESISTANT AND CORROSION RESISTANT COBALT-BASED ALLOY POWDERS AND APPLICATIONS THEREOF**
[54] **POUDRES D'ALLIAGE A BASE DE COBALT RESISTANT A L'USURE ET RESISTANT A LA CORROSION, ET APPLICATIONS ASSOCIEES**
[72] YAO, MATTHEW, US
[72] BELHADJHAMIDA, HAKIM, US
[72] LEE, DAVID A., US
[72] ZHENG, QINGJUN, US
[71] KENNAMETAL INC., US
[22] 2017-02-02
[41] 2017-08-12
[30] US (62/294,785) 2016-02-12

[21] **2,957,024**
[13] A1
[51] **Int.Cl. B64C 11/38 (2006.01) F01D 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INTEGRATED PITCH CONTROL MECHANISM ACTUATOR HYDRAULIC FLUID TRANSFER**
[54] **METHODE ET SYSTEME DE TRANSFERT DE FLUIDE HYDRAULIQUE D'ACTIONNEUR DE MECANISME DE CONTROLE DE PAS INTEGRE**
[72] NIERGARTH, DANIEL ALAN, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] KROGER, CHRISTOPHER JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-12
[30] US (15/043,036) 2016-02-12

[21] **2,957,068**
[13] A1
[51] **Int.Cl. B65B 31/00 (2006.01) B65B 25/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRESERVING PRODUCE**
[54] **METHODE DE CONSERVATION DE PRODUITS**
[72] MARTEL, SCARLETT, CA
[71] MARTEL, SCARLETT, CA
[22] 2017-02-06
[41] 2017-08-12
[30] GB (1602597.5) 2016-02-12

[21] **2,957,088**
[13] A1
[51] **Int.Cl. H02B 1/20 (2006.01) H02B 1/04 (2006.01)**
[25] EN
[54] **LOAD CENTER, AND BUS ASSEMBLY AND OPERATING METHOD THEREFOR**
[54] **CENTRE DE CHARGE ET ENSEMBLE DE BUS ET METHODE DE FONCTIONNEMENT ASSOCIEE**
[72] COURSON, ANDREW WILLIAM, US
[72] OKERMAN, JASON KOHEI, US
[71] EATON CORPORATION, US
[22] 2017-02-03
[41] 2017-08-11
[30] US (15/041,352) 2016-02-11

[21] **2,957,094**
[13] A1
[51] **Int.Cl. F02B 19/00 (2006.01) F02B 19/10 (2006.01) F02B 19/18 (2006.01)**
[25] EN
[54] **LEAN-BURN PRE-COMBUSTION CHAMBER**
[54] **CHAMBRE DE PRECOMBUSTION A MELANGE PAUVRE**
[72] TOZZI, LUIGI P., US
[72] SOTIROPOULOU, MARIA-EMMANUELLA, US
[72] BESHOURI, GREG, US
[72] LEPLEY, DAVID THOMAS, US
[71] PROMETHEUS APPLIED TECHNOLOGIES, LLC, US
[22] 2017-02-03
[41] 2017-08-06
[30] US (62/292,301) 2016-02-06
[30] US (15/422,751) 2017-02-02

[21] **2,957,097**
[13] A1
[51] **Int.Cl. B32B 3/08 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **FRANGIBLE GAS TURBINE ENGINE AIRFOIL**
[54] **PROFIL DYNAMIQUE DE TURBINE A GAZ FRANGIBLE**
[72] NANDULA, PHANI, IN
[72] SUBRAMANIAN, SURESH, IN
[72] KRAY, NICHOLAS JOSEPH, US
[72] GEMEINHARDT, GREGORY CARL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-06
[41] 2017-08-09
[30] US (15/018,902) 2016-02-09

[21] **2,957,116**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **CATHETER SPINE ASSEMBLY WITH CLOSELY-SPACED BIPOLE MICROELECTRODES**
[54] **ASSEMBLAGE D'EPINE DE CATHETER DOTE DE MICROELECTRODES BIPOLAIRES RAPPROCHEES**
[72] BASU, SHUBHAYU, US
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-02-02
[41] 2017-08-08
[30] US (15/018,810) 2016-02-08

[21] **2,957,130**
[13] A1
[51] **Int.Cl. A61B 17/3207 (2006.01) A61B 34/20 (2016.01)**
[25] EN
[54] **VASCULAR DEVICE MARKER ATTACHMENT**
[54] **FIXATION DE MARQUEUR DE DISPOSITIF VASCULAIRE**
[72] EPSTEIN, EVAN, US
[72] BROWN, KENNETH, US
[71] COVIDIEN LP, US
[22] 2017-02-06
[41] 2017-08-12
[30] US (15/043,463) 2016-02-12
[30] US (15/043,466) 2016-02-12

[21] **2,957,139**
[13] A1
[51] **Int.Cl. A47F 3/04 (2006.01) A47F 11/10 (2006.01) F24F 9/00 (2006.01) F25D 17/06 (2006.01) F25D 25/02 (2006.01)**
[25] EN
[54] **DISCHARGE AIR STRAIGHTENER**
[54] **REDRESSEUR D'AIR D'EVACUATION**
[72] EGET, LAWRENCE WILLIAM, US
[72] SWOFFORD, T. DEAN, US
[72] BATES, ROY, US
[71] HILL PHOENIX, INC., US
[22] 2017-02-06
[41] 2017-08-11
[30] US (15/041,860) 2016-02-11

[21] **2,957,141**
[13] A1
[51] **Int.Cl. F25J 3/00 (2006.01)**
[25] EN
[54] **RECOVERY OF HELIUM FROM NITROGEN-RICH STREAMS**
[54] **RECUPERATION DE L'HELIUM DE FLUX RICHES EN AZOTE**
[72] WHITE, VINCENT, GB
[72] HIGGINBOTHAM, PAUL, GB
[72] PALAMARA, JOHN EUGENE, US
[72] BERGER, ALAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-02-06
[41] 2017-08-11
[30] US (15/041,305) 2016-02-11

[21] **2,957,166**
[13] A1
[51] **Int.Cl. E21B 21/00 (2006.01) E21B 21/10 (2006.01) E21B 21/14 (2006.01)**
[25] EN
[54] **IN-LINE WELL FLUID EDUCTION BLENDING**
[54] **MELANGE DE VIDANGE DE FLUIDE DE PUITS EN LIGNE**
[72] COBB, DON B., US
[71] CHEMRIGHT, LLC, US
[22] 2017-02-06
[41] 2017-08-12
[30] US (62/294,708) 2016-02-12
[30] US (15/421,649) 2017-02-01

[21] **2,957,169**
[13] A1
[51] **Int.Cl. A47J 37/10 (2006.01) A47J 27/00 (2006.01) A47J 36/00 (2006.01)**
[25] EN
[54] **COOKING TRAY**
[54] **PLATEAU DE CUISSON**
[72] MOERMAN, CHRIS, CA
[71] MOERMAN, CHRIS, CA
[22] 2017-02-07
[41] 2017-08-08
[30] US (62292682) 2016-02-08

[21] **2,957,177**
[13] A1
[51] **Int.Cl. F25D 23/04 (2006.01) F25D 11/02 (2006.01) F25D 25/00 (2006.01)**
[25] EN
[54] **COOLING ARRANGEMENT FOR REFRIGERATORS**
[54] **SYSTEME DE REFROIDISSEMENT DESTINE AUX REFRIGERATEURS**
[72] BASSO, DIEGO FABRICIO, AR
[71] CERVECERIA Y MALTERIA QUILMES S.A.I.C.A. Y G., AR
[22] 2017-02-07
[41] 2017-08-11
[30] AR (P160100372) 2016-02-11

[21] **2,957,178**
[13] A1
[51] **Int.Cl. F25D 23/04 (2006.01) F25D 11/02 (2006.01) F25D 17/06 (2006.01) F25D 25/00 (2006.01)**
[25] EN
[54] **SECTORIZED COOLING ARRANGEMENT FOR REFRIGERATORS**
[54] **ARRANGEMENT DE REFRIGERATION SECTIONNEL DESTINE AUX REFRIGERATEURS**
[72] BASSO, DIEGO FABRICIO, AR
[71] CERVECERIA Y MALTERIA QUILMES S.A.I.C.A. Y G., AR
[22] 2017-02-07
[41] 2017-08-12
[30] AR (P160100390) 2016-02-12
[30] AR (P160101997) 2016-06-30

[21] **2,957,191**
[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) G01D 3/036 (2006.01)**
[25] EN
[54] **MEASURING CIRCUIT**
[54] **CIRCUIT DE MESURE**
[72] JAN, PATRICK, CH
[71] MEGGITT SA, CH
[22] 2017-02-06
[41] 2017-08-08
[30] EP (16154622.1) 2016-02-08

[21] **2,957,193**
[13] A1
[51] **Int.Cl. G01J 3/36 (2006.01) H01L 31/18 (2006.01)**
[25] EN
[54] **FABRICATING A SENSOR DEVICE**
[54] **FABRICATION D'UN DISPOSITIF CAPTEUR**
[72] OCKENFUSS, GEORG J., US
[71] VIAVI SOLUTIONS INC., US
[22] 2017-02-06
[41] 2017-08-12
[30] US (62/294,982) 2016-02-12

[21] **2,957,234**
[13] A1
[51] **Int.Cl. A01F 29/09 (2010.01) A01F 29/00 (2006.01)**
[25] EN
[54] **LASER CLAD CUTTING EDGE FOR AGRICULTURAL CUTTING COMPONENTS**
[54] **BORD DE COUPE REVETU AU LASER DESTINE A DES COMPOSANTES DE COUPE AGRICOLES**
[72] STOFFEL, NEAL J., US
[72] SOTELO, JUAN G., US
[72] JOHNSON, KEITH A., US
[72] BECHLER, MICHAEL A., US
[71] KONDEX CORPORATION, US
[22] 2017-02-07
[41] 2017-08-12
[30] US (15/043,185) 2016-02-12

[21] **2,957,296**
[13] A1
[51] **Int.Cl. C12N 1/12 (2006.01) C12M 1/42 (2006.01) C12N 1/20 (2006.01) C12P 1/00 (2006.01) C12P 5/02 (2006.01) C12P 7/02 (2006.01)**
[25] EN
[54] **BIOMASS PRODUCTION IN ALKALINE CONDITIONS**
[54] **PRODUCTION DE BIOMASSE DANS DES CONDITIONS ALCALINES**
[72] STROUS, MARC, CA
[72] SHARP, CHRISTINE, CA
[72] DE LA HOZ SIEGLER, HECTOR, CA
[72] WELCH, GREGORY, CA
[71] UTI LIMITED PARTNERSHIP, CA
[22] 2017-02-08
[41] 2017-08-09
[30] US (62/293,132) 2016-02-09

[21] **2,957,321**
[13] A1
[51] **Int.Cl. F04B 37/08 (2006.01) F04B 39/10 (2006.01) F04B 39/12 (2006.01) F04B 53/16 (2006.01)**
[25] EN
[54] **CYROGENIC PUMP AND INLET HEADER**
[54] **POMPE CRYOGENIQUE ET EMBOUT D'ENTREE**
[72] MIKULSKI, BEN, CA
[72] LUFT, DONALD R., CA
[72] GUEST, FLOYD, CA
[71] TRICAN WELL SERVICE LTD., CA
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,792) 2016-02-08
[30] US (62,427,005) 2016-11-28

[21] **2,957,323**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **VEE RAMP SLIPS WITH PLUG**
[54] **MANCHONS DE RAMPE EN V DOTES DE CAPUCHON**
[72] JORDAN, HENRY (JOE) J., JR., US
[71] ADVANCED FRAC SYSTEMS LLC, US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,425) 2016-02-08

[21] **2,957,338**
[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 13/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR GYPSUM BOARD WITH EMBEDDED STRUCTURE HAVING OPEN CELLS THAT ARE SUBSTANTIALLY FILLED**
[54] **SYSTEME, METHODE ET APPAREIL DESTINES A UN PANNEAU DE GYPSE A STRUCTURE INTEGREE COMPORTANT DES CELLULES OUVERTES QUI SONT SUBSTANTIELLEMENT REMPLIES**
[72] GLEAN, ALDO, US
[72] SHI, ZHIQIANG, US
[71] CERTAINTEED GYPSUM, INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,794) 2016-02-08

[21] **2,957,344**
[13] A1
[51] **Int.Cl. E04B 1/74 (2006.01) E04F 21/06 (2006.01)**
[25] EN
[54] **UNBONDED LOOSEFILL INSULATION**
[54] **ISOLANT EN VRAC NON LIE**
[72] COOK, DAVID MICHAEL, US
[72] EVANS, MICHAEL EUGENE, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,492) 2016-02-08

[21] **2,957,371**
[13] A1
[51] **Int.Cl. E21B 10/60 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **DRILL BIT**
[54] **TREPAN**
[72] BYRNES, BLAKE AUSTON, US
[72] DEEN, CARL ARON, US
[72] CUNNINGHAM, JASON ROBERT, CA
[72] GOODSHIP, RACHEL SARAH, CA
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,552) 2016-02-08

[21] **2,957,383**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) H04N 21/472 (2011.01) G06F 3/0487 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SPATIAL INTERACTION FOR VIEWING AND MANIPULATING OFF-SCREEN CONTENT**
[54] **SYSTEME ET METHODE D'INTERACTION SPATIALE SERVANT A AFFICHER ET A MANIPULER UN CONTENU HORS ECRAN**
[72] PALUKA, ERIK, CA
[72] COLLINS, CHRISTOPHER, CA
[71] UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, CA
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,667) 2016-02-08

[21] **2,957,437**
[13] A1
[51] **Int.Cl. F17D 1/14 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DISTRIBUTED FLUID CONVEYOR (DFC)**
[54] **METHODES ET SYSTEMES DESTINES A UN CONVOYEUR DE FLUIDE DISTRIBUE**
[72] VARD, MEHRDAD, CA
[71] VARD, MEHRDAD, CA
[22] 2017-02-09
[41] 2017-08-09
[30] US (62293254) 2016-02-09

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[21] **2,957,451**
[13] A1
[51] **Int.Cl. F01D 25/00 (2006.01) F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **SURFACE CONTOURING**
[54] **CONTOUR DE SURFACE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-12
[30] US (15/042,586) 2016-02-12

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[21] **2,957,456**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **RIBLETS FOR A FLOWPATH SURFACE OF A TURBOMACHINE**
[54] **NERVURES DESTINEES A UNE SURFACE D'ECOULEMENT DE FLUX D'UNE TURBOMACHINE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-12
[30] US (15/042,635) 2016-02-12

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[21] **2,957,477**
[13] A1
[51] **Int.Cl. B64C 27/30 (2006.01) B64C 19/00 (2006.01) B64C 27/24 (2006.01) B64C 39/02 (2006.01) B64D 27/24 (2006.01)**
[25] EN
[54] **MAGNETIC ORIENTATION DETENT**
[54] **CRAN A ORIENTATION MAGNETIQUE**
[72] GAMBLE, DUSTIN ELI, US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2017-02-08
[41] 2017-08-10
[30] US (15/040,428) 2016-02-10

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[21] **2,957,508**
[13] A1
[51] **Int.Cl. E05B 15/14 (2006.01)**
[25] EN
[54] **WEATHER RESISTANT LOCK**
[54] **VERROU RESISTANT AUX INTEMPERIES**
[72] SABELLI, TONINO, CA
[72] MCLEOD, JOHN, CA
[71] WESKO LOCKS LTD., CA
[22] 2017-02-09
[41] 2017-08-09
[30] CA (2,920,469) 2016-02-09

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[21] **2,957,527**
[13] A1
[51] **Int.Cl. H01R 13/703 (2006.01) A47B 21/06 (2006.01) H02J 1/00 (2006.01) H02J 4/00 (2006.01) G01R 33/07 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER LOAD SWITCH WITH CONNECTION SENSOR**
[54] **INTERRUPTEUR DE CHARGE D'ALIMENTATION ELECTRIQUE DOTE D'UN CAPTEUR DE CONNEXION**
[72] BYRNE, NORMAN R., US
[72] BURDI, ROGER D., US
[72] LI, SHIXIONG, US
[72] MORROW, NICKOLAS J., US
[71] BYRNE, NORMAN R., US
[22] 2017-02-09
[41] 2017-08-12
[30] US (62/294,368) 2016-02-12

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[21] **2,957,542**
[13] A1
[51] **Int.Cl. F21V 14/06 (2006.01) F21K 9/00 (2016.01) F21V 5/00 (2015.01) F21V 21/08 (2006.01) F21V 31/00 (2006.01)**
[25] EN
[54] **DECORATIVE LIGHT**
[54] **LUMIERE DECORATIVE**
[72] ZHANG, CHENG-CHUN, US
[72] CHANG, LIO, US
[71] GEMMY INDUSTRIES CORPORATION, US
[22] 2017-02-08
[41] 2017-08-08
[30] US (15/018,458) 2016-02-08

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[21] **2,957,545**
[13] A1
[51] **Int.Cl. G01J 3/46 (2006.01) G06T 7/90 (2017.01) G06T 5/00 (2006.01) G06T 7/60 (2017.01)**
[25] EN
[54] **METHOD FOR DETERMINING A COLOUR VALUE OF AN OBJECT IN AN IMAGE**
[54] **METHODE DE DETERMINATION D'UNE VALEUR DE COULEUR D'UN OBJET DANS UNE IMAGE**
[72] ROSTAING, LAURENT, FR
[72] ROUH, ALAIN, FR
[72] BEAUDET, JEAN, FR
[71] SAFRAN IDENTITY & SECURITY, FR
[22] 2017-02-08
[41] 2017-08-12
[30] FR (1651157) 2016-02-12

[21] **2,957,551**
[13] A1
[51] **Int.Cl. B64C 1/12 (2006.01) B64F 5/10 (2017.01) B64C 3/26 (2006.01)**
[25] EN
[54] **COMPOSITE WING STRUCTURE AND METHODS OF MANUFACTURE**
[54] **STRUCTURE D'AILE EN COMPOSITE ET METHODES DE FABRICATION**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] DECKER, GEORGE R., US
[72] WOLFE, DOUGLAS K., US
[72] BAINES, ANDREW G., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,673) 2016-02-08
[30] US (15/423,981) 2017-02-03
[30] US (15/423,939) 2017-02-03

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[21] **2,957,557**
[13] A1
[51] **Int.Cl. B64C 3/18 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01)**
[25] EN
[54] **COMPOSITE RIB ASSEMBLY**
[54] **ASSEMBLAGE DE NERVURE EN COMPOSITE**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] OLDROYD, PAUL K., US
[72] MAY, CARL A., US
[72] KOOIMAN, JAMES E., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,718) 2016-02-08
[30] US (15/424,095) 2017-02-03

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[21] **2,957,560**
[13] A1
[51] **Int.Cl. B64C 3/24 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01) B64C 27/28 (2006.01) F24H 3/02 (2006.01)**
[25] EN
[54] **COMPOSITE WING STRUCTURE AND METHODS OF MANUFACTURE**
[54] **STRUCTURE D'AILE EN COMPOSITE ET METHODES DE FABRICATION**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] WOLFE, DOUGLAS K., US
[72] DECKER, GEORGE R., US
[72] STANNEY, KEITH A., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-02-08
[41] 2017-08-08
[30] US (62/292,673) 2016-02-08
[30] US (62/292,729) 2016-02-08
[30] US (15/423,888) 2017-02-03
[30] US (15/424,588) 2017-02-03
[30] US (15/424,402) 2017-02-03
[30] US (15/424,565) 2017-02-03

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[21] **2,957,572**
[13] A1
[51] **Int.Cl. E21B 12/00 (2006.01)**
[25] EN
[54] **BIT CHANGE MECHANISM FOR A DRILL RIG**
[54] **MECANISME DE CHANGEMENT DE TREPAN DESTINE A UN TREPAN**
[72] GASKA, JASON E., US
[72] HAWORTH, SAMUEL F., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,680) 2016-02-12

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[21] **2,957,575**
[13] A1
[51] **Int.Cl. E21B 12/00 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **MECHANISM FOR RETAINING BITS ON A BLASTHOLE DRILL**
[54] **MECANISME DE FIXATION DE TREPANS SUR UNE FOREUSE DE TROU DE MINE**
[72] GASKA, JASON E., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,658) 2016-02-12

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[21] **2,957,576**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 19/20 (2006.01)**
[25] EN
[54] **ADJUSTABLE BREAKOUT WRENCH FOR A MINING MACHINE**
[54] **CLE DE DEVISSAGE AJUSTABLE DESTINEE A UNE MACHINE D'EXPLOITATION MINIERE**
[72] GASKA, JASON E., US
[72] HAWORTH, SAMUEL F., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,732) 2016-02-12

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[21] **2,957,584**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR ADAPTIVE DATA RESOURCE ASSIGNMENT AND PLACEMENT IN DISTRIBUTED DATA STORAGE SYSTEMS**
[54] **METHODES, SYSTEMES ET DISPOSITIFS D'ATTRIBUTION DE RESSOURCES DE DONNEES ADAPTATIVE ET DE POSITIONNEMENT DANS LES SYSTEMES D'ENREGISTREMENT DE DONNEES DISTRIBUES**
[72] WIRES, JACOB TAYLOR, CA
[72] WARFIELD, ANDREW, CA
[71] COHO DATA, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,359) 2016-02-12

[21] **2,957,585**
[13] A1
[51] **Int.Cl. F42B 12/72 (2006.01) F42B 7/00 (2006.01) F42B 7/02 (2006.01) F42B 12/74 (2006.01)**
[25] EN
[54] **DISSOLVABLE PROJECTILES**
[54] **PROJECTILES SOLUBLES**
[72] WALL, WESLEY, CA
[72] WALL, ADAM, CA
[72] WHITAKER, RAY, CA
[72] ADAB, SHEKAIB, CA
[72] CHUTE, WADE, CA
[71] GENICS INC., CA
[22] 2017-02-10
[41] 2017-08-10
[30] US (62/293,659) 2016-02-10

[21] **2,957,586**
[13] A1
[51] **Int.Cl. C03C 13/00 (2006.01) C03B 37/01 (2006.01) C03C 4/00 (2006.01)**
[25] EN
[54] **DISSOLVABLE GLASS FIBRES FOR WOOD PRESERVATIVES AND DEGRADABLE COMPOSITEMATERIALS**
[54] **FIBRES DE VERRE SOLUBLES DESTINEES AUX AGENTS DE CONSERVATION DU BOIS ET AUX MATERIAUX COMPOSITES DEGRADABLES**
[72] WALL, WESLEY, CA
[72] WALL, ADAM, CA
[72] WHITAKER, RAY, CA
[72] ADAB, SHEKAIB, CA
[72] CHUTE, WADE, CA
[71] GENICS INC., CA
[22] 2017-02-10
[41] 2017-08-10
[30] US (62/293,697) 2016-02-10

[21] **2,957,634**
[13] A1
[51] **Int.Cl. G01S 19/23 (2010.01)**
[25] FR
[54] **DETECTION PROCESS FOR FALSE SYNCHRONIZATION OF A RECEPTOR WITH A SATELLITE, RECEPTOR AND ASSOCIATED SOFTWARE PROGRAM**
[54] **PROCEDE DE DETECTION D'UNE FAUSSE SYNCHRONISATION D'UN RECEPTEUR AVEC UN SATELLITE, RECEPTEUR ET PRODUIT PROGRAMME D'ORDINATEUR ASSOCIES**
[72] MARTIN, NICOLAS, FR
[72] BOUVET, DENIS, FR
[71] THALES, FR
[22] 2017-02-08
[41] 2017-08-09
[30] FR (16 00 214) 2016-02-09

[21] **2,957,643**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) A47F 11/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **A MOBILE CAMERA-EQUIPPED DEVICE-BASED APPROACH TO ASSESSING A DISPLAY**
[54] **UNE APPROCHE D'EVALUATION D'UN AFFICHEUR FONDEE SUR UN DISPOSITIF EQUIPE D'UNE CAMERA MOBILE**
[72] BRYAN, GREG A., US
[72] LETSON, ERIC A., US
[72] THOMPSON, JOHN P., US
[71] WAL-MART STORES, INC., US
[22] 2017-02-10
[41] 2017-08-11
[30] US (62/293,903) 2016-02-11

[21] **2,957,646**
[13] A1
[51] **Int.Cl. B25H 3/00 (2006.01) A47B 88/453 (2017.01) A47B 88/969 (2017.01) A47B 51/00 (2006.01) A47B 67/04 (2006.01) B25H 3/02 (2006.01) B62B 3/00 (2006.01)**
[25] EN
[54] **TOOL STORAGE UNIT HAVING A MOVEABLE HOUSING**
[54] **MODULE DE RANGEMENT D'OUTIL COMPORTANT UN LOGEMENT DEPLACABLE**
[72] MICHAEL, DAN, US
[72] SZPAK, JAMES, US
[72] TILK, JASON, US
[72] VYSTRICIL, ROB, US
[72] ALLEN, ROBERT, US
[72] RABBITT, BILL, US
[72] DELLINGER, SHAWN, US
[71] MATCO TOOLS CORPORATION, US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,850) 2016-02-12

[21] **2,957,671**
[13] A1
[51] **Int.Cl. G10L 19/00 (2013.01) H04R 3/00 (2006.01) H04R 5/04 (2006.01)**
[25] EN
[54] **AUDIO TRANSMITTER AND RECEIVER**
[54] **EMETTEUR RECEPTEUR AUDIO**
[72] ENGLAND, STEPHANIE, CA
[71] ENGLAND, STEPHANIE, CA
[22] 2017-02-10
[41] 2017-08-11
[30] US (62/293,778) 2016-02-11
[30] CA (2,924,443) 2016-03-22
[30] US (15/429,140) 2017-02-09

[21] **2,957,678**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/22 (2012.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **COMPUTERIZED DATA PROCESSING SYSTEMS AND METHODS FOR GENERATING GRAPHICAL USER INTERFACES**
[54] **SYSTEMES DE TRAITEMENT DE DONNEES INFORMATISEES ET METHODES SERVANT A GENERER DES INTERFACES GRAPHIQUES**
[72] PERRY, THOMAS, US
[71] PERRY, THOMAS, US
[22] 2017-02-09
[41] 2017-08-09
[30] US (62/292,935) 2016-02-09

[21] **2,957,687**
[13] A1
[51] **Int.Cl. A01D 34/416 (2006.01) A01D 34/63 (2006.01)**
[25] EN
[54] **TRIMMER HEAD HAVING LINE CARTRIDGE**
[54] **TETE DE TONDEUSE A FIL EQUIPEE D'UNE CARTOUCHE DE FIL**
[72] HOFFMAN, RONALD J., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-02-10
[41] 2017-08-11
[30] US (62/293,855) 2016-02-11

[21] **2,957,688**
[13] A1
[51] **Int.Cl. A47L 13/08 (2006.01) B44D 3/16 (2006.01) E04F 21/20 (2006.01) E04G 21/16 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **HAND TOOL WITH SCRAPER BLADE**
[54] **OUTIL MANUEL DOTE D'UN RACLEUR**
[72] EVATT, THOMAS, US
[72] THACKERY, CLINTON C., US
[72] CREASMAN, JACOB F., US
[72] DAHILL, DREW ALEXANDER, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-02-10
[41] 2017-08-10
[30] US (62/293,655) 2016-02-10

[21] **2,957,701**
[13] A1
[51] **Int.Cl. G08G 7/00 (2006.01)**
[25] FR
[54] **MULTIMODAL LAND TRANSPORTATION NETWORK SUPERVISION INFRASTRUCTURE**
[54] **INFRASTRUCTURE DE SUPERVISION D'UN RESEAU DE TRANSPORT MULTIMODAL TERRESTRE**
[72] POISSON, PASCAL, FR
[72] ABID, MANEL, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-02-09
[41] 2017-08-12
[30] FR (16 51 164) 2016-02-12

[21] **2,957,708**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) E21C 33/00 (2006.01) E21C 33/02 (2006.01) E21C 35/08 (2006.01) G08G 1/00 (2006.01) E21C 35/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DISPATCHING A HAULAGE VEHICLE AT A MINING SITE**
[54] **METHODE ET SYSTEME D'ENVOI D'UN VEHICULE DE HALAGE SUR UN SITE D'EXPLOITATION MINIERE**
[72] KADALI, RAMESH, CA
[71] SUNCOR ENERGY INC., CA
[22] 2017-02-09
[41] 2017-08-12
[30] US (62/294,928) 2016-02-12

[21] **2,957,713**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) A63F 3/06 (2006.01)**
[25] EN
[54] **GAME SYSTEM AND METHOD BASED ON EXTERNAL EVENT OUTCOMES**
[54] **SYSTEME DE JEU ET METHODE FONDEE SUR LES RESULTATS D'EVENEMENT EXTERNES**
[72] HEATHCOTE, BRADFORD, US
[72] KOLL, AARON MICHAEL, US
[72] PAROLA, FRANCESCO, US
[72] SIMPKINS, SARAH W., US
[71] IGT GLOBAL SOLUTIONS CORPORATION, US
[22] 2017-02-10
[41] 2017-08-11
[30] US (62/293,918) 2016-02-11
[30] US (15/429,316) 2017-02-10

[21] **2,957,744**
[13] A1
[51] **Int.Cl. E02F 9/16 (2006.01) E21C 35/00 (2006.01) F16F 15/04 (2006.01)**
[25] EN
[54] **SUSPENSION SYSTEM FOR A CABIN OF A MINING VEHICLE**
[54] **SYSTEME DE SUSPENSION DESTINE A LA CABINE D'UN VEHICULE D'EXPLOITATION MINIERE**
[72] BUMUELLER, HERMANN KARL, CA
[71] DUX MACHINERY CORPORATION, CA
[22] 2017-02-09
[41] 2017-08-09
[30] US (62/292,900) 2016-02-09

[21] **2,957,754**
[13] A1
[51] **Int.Cl. E02B 3/04 (2006.01) E01C 13/02 (2006.01) E02B 3/12 (2006.01) E02D 31/00 (2006.01)**
[25] EN
[54] **TURF REINFORCEMENT MATS**
[54] **TAPIS DE RENFORT DE GAZON**
[72] BOOTH, ERIC LEE, US
[72] RAY, KEVIN WILLIAM, US
[71] WILLACOOCHEE INDUSTRIAL FABRICS, INC., US
[22] 2017-02-10
[41] 2017-08-11
[30] US (62/294,096) 2016-02-11
[30] US (62/312,039) 2016-03-23
[30] US (62/341,594) 2016-05-25
[30] US (15/425,241) 2017-02-06

[21] **2,957,767**
[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **REGRESSION MODELING SYSTEM USING ACTIVATION SCALE VALUES AS INPUTS TO A REGRESSION TO PREDICT HEALTHCARE UTILIZATION AND COST AND/OR CHANGES THERETO**
[54] **SYSTEME DE MODELISATION DE REGRESSION AU MOYEN DE VALEURS D'ECHELLE COMME ENTREES D'UNE REGRESSION AFIN DE PREDIRE L'UTILISATION DES SOINS DE SANTE ET DES COUTS OU DES CHANGEMENTSASSOCIES**
[72] MAHONEY, ELDON R., US
[72] DELANEY, CHRISTOPHER R., US
[71] INSIGNIA HEALTH, LLC, US
[22] 2017-02-10
[41] 2017-08-12
[30] US (15/042,921) 2016-02-12

---

[21] **2,957,774**
[13] A1
[51] **Int.Cl. B42D 25/00 (2014.01) B42D 25/305 (2014.01) G07D 7/12 (2016.01)**
[25] FR
[54] **PROCESS FOR SECURING AND VERIFYING A DOCUMENT**
[54] **PROCEDE DE SECURISATION ET DE VERIFICATION D'UN DOCUMENT**
[72] CHABANNE, HERVE, FR
[72] FONDEUR, JEAN-CHRISTOPHE, FR
[72] GENTRIC, STEPHANE, FR
[72] VAN DIJK, ERIK, FR
[71] SAFRAN IDENTITY & SECURITY, FR
[22] 2017-02-10
[41] 2017-08-11
[30] FR (16/51105) 2016-02-11

---

[21] **2,957,777**
[13] A1
[51] **Int.Cl. G08B 17/04 (2006.01) H01H 35/24 (2006.01)**
[25] EN
[54] **PNEUMATIC FIRE DETECTORS**
[54] **DETECTEURS DE FUMEE PNEUMATIQUES**
[72] ROGERS, AARON S., US
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-10
[30] US (15/040,322) 2016-02-10

---

[21] **2,957,788**
[13] A1
[51] **Int.Cl. A47B 3/087 (2006.01) A47B 13/08 (2006.01) A47B 37/00 (2006.01) A47B 97/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **FOLDING TABLE WITH POWER OUTLET**
[54] **TABLE PLIANTE DOTEE D'UNE PRISE DE COURANT**
[72] PECTOL, MATTHEW, US
[71] MITY-LITE, INC., US
[22] 2017-02-13
[41] 2017-08-11
[30] US (15/041,674) 2016-02-11

---

[21] **2,957,798**
[13] A1
[51] **Int.Cl. G07C 11/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR ANALYZING INFORMATION FROM IDENTIFICATION DOCUMENTS**
[54] **SYSTEME ET METHODE D'ANALYSE D'INFORMATION DE DOCUMENTS D'IDENTIFICATION**
[72] ROOF, WILLIAM H., US
[72] EMBRY, RUSSELL T., US
[71] INTELLICHECK MOBILISA, INC., US
[22] 2017-02-10
[41] 2017-08-12
[30] US (15/043182) 2016-02-12

---

[21] **2,957,840**
[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/00 (2012.01)**
[25] EN
[54] **WELLBORE CHARACTERISTIC MEASUREMENT ASSEMBLY**
[54] **DISPOSITIF DE MESURE DE CARACTERISTIQUE DE TROU DE FORAGE**
[72] LAUN, LYLE, CA
[72] RAVENSBERGEN, JOHN EDWARD, CA
[72] STROMQUIST, MARTY, CA
[72] JOHNSON, TIM, CA
[72] WERRIES, MICHAEL, CA
[72] STANDEN, ROB, CA
[71] NCS MULTISTAGE INC., CA
[22] 2017-02-13
[41] 2017-08-12
[30] US (62/294,601) 2016-02-12

---

[21] **2,957,874**
[13] A1
[51] **Int.Cl. E05B 39/00 (2006.01) E05B 41/00 (2006.01) E06B 7/00 (2006.01)**
[25] EN
[54] **INTEGRATED FENESTRATION STATUS MONITORING SYSTEM AND METHODS FOR THE SAME**
[54] **SYSTEME DE SURVEILLANCE D'ETAT DE FENESTRATION INTEGRE ET METHODES ASSOCIEES**
[72] DEBOER, NATHAN H., US
[72] FARNES, BRIAN M., US
[72] MAGNUSEN, JUSTIN, US
[71] MARVIN LUMBER AND CEDAR COMPANY, D/B/A/ MARVIN WINDOWS AND DOORS, US
[22] 2017-02-10
[41] 2017-08-12
[30] US (62/294,602) 2016-02-12
[30] US (62/447,295) 2017-01-17

[21] **2,969,680**
[13] A1
[51] **Int.Cl. A61C 5/90 (2017.01) A61C 17/02 (2006.01) A61C 17/06 (2006.01)**
[25] EN
[54] **INTRA-ORAL APPLIANCE FOR FIELD ISOLATION AND MOISTURE CONTROL**
[54] **APPAREIL INTRA-ORAL DESTINE A L'ISOLATION LOCALE ET AU CONTROLE DE L'HUMIDITE**
[72] CHANA, RANDEEP, CA
[72] WARD, ROBERT, CA
[71] CHANA, RANDEEP, CA
[71] WARD, ROBERT, CA
[22] 2017-06-06
[41] 2017-08-07

[21] **2,969,793**
[13] A1
[51] **Int.Cl. G10L 17/26 (2013.01) H04W 4/02 (2009.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SOUND AND IMAGE IDENTIFIER SOFTWARE SYSTEM AND METHOD**
[54] **SYSTEME LOGICIEL D'IDENTIFICATION DE SON ET D'IMAGE ET METHODE**
[72] MITCHELL, DAWN, CA
[71] MITCHELL, DAWN, CA
[22] 2017-06-06
[41] 2017-08-07
[30] US (15610487) 2017-05-31

[21] **2,969,794**
[13] A1
[51] **Int.Cl. B27B 13/00 (2006.01) B27B 13/10 (2006.01)**
[25] EN
[54] **SAWMILL CARRIAGE ASSEMBLY**
[54] **DISPOSITIF DE CHARIOT DE SCIERIE**
[72] CABRIT, SEBASTIEN, CA
[72] DALE, ASHLYNNE, CA
[72] SHELLSWELL, BRIAN, CA
[71] NORWOOD INDUSTRIES INC., CA
[22] 2017-06-06
[41] 2017-08-07

[21] **2,970,019**
[13] A1
[51] **Int.Cl. H01M 8/1086 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **METHODS FOR FABRICATING MEMBRANE ELECTRODE ASSEMBLIES WITH PROTECTIVE FILM FOR ENHANCED DURABILITY IN FUEL CELLS**
[54] **METHODES DE FABRICATION D'ASSEMBLAGES D'ELECTRODES A MEMBRANE DOTES D'UNE PELLICULE PROTECTRICE PERMETTANT D'AMELIORER LA DURABILITE DES PILES A COMBUSTIBLE**
[72] WANG, KEPING, CA
[72] CHUY, CARMEN, CA
[72] THOMAS, OWEN, CA
[72] YANG, YUNSONG, CA
[72] LI, JING, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
[22] 2017-06-12
[41] 2017-08-07

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,936,533**
[13] A1
[51] **Int.Cl. A23L 5/10 (2016.01) A21B 5/00 (2006.01) A21D 8/06 (2006.01) A47J 37/06 (2006.01)**
[25] EN
[54] **A METHOD OF BAKING BOTH SIDES OF INGREDIENTS AND AN ELECTRIC COOKER USED THEREFOR**
[54] **UNE METHODE DE CUISSON DES DEUX COTES DES INGREDIENTS ET UN CUISEUR ELECTRIQUE UTILISE POUR CE FAIRE**
[72] OGAWA, TOMOYUKI, JP
[72] WADA, YASUO, JP
[71] SUNTEC CO., LTD., JP
[85] 2016-07-19
[86] 2016-06-02 (PCT/JP2016/066505)
[87] (2936533)
[30] JP (2016-022016) 2016-02-08

---

[21] **2,950,546**
[13] A1
[51] **Int.Cl. A61H 1/00 (2006.01) A61H 1/02 (2006.01) A63B 23/02 (2006.01) A63B 23/04 (2006.01)**
[25] EN
[54] **LOWER LIMB AUTOMATIC REGULATING PLATFORM FOR WAIST REHABILITATION TRAINING AND TRAINING METHOD**
[54] **PLATEFORME DE REGULATION AUTOMATIQUE DE MEMBRE INFERIEUR DESTINEE A L'ENTRAINEMENT DE REHABILITATION DE LA TAILLE ET METHODE D'ENTRAINEMENT**
[72] CHEN, QIAO, CN
[72] QUAN, SEN, CN
[72] YIN, GUANGCAI, CN
[72] LI, YUAN, CN
[72] ZI, BIN, CN
[71] HEFEI UNIVERSITY OF TECHNOLOGY, CN
[85] 2017-06-07
[86] 2015-08-11 (PCT/CN2015/086631)
[87] (2950546)
[30] CN (201510348989.X) 2015-06-24

---

[21] **2,954,202**
[13] A1
[51] **Int.Cl. A61K 47/42 (2017.01) B82Y 5/00 (2011.01) A61K 47/69 (2017.01) A61K 9/14 (2006.01) A61K 9/19 (2006.01) C07K 14/415 (2006.01) C07K 14/76 (2006.01) C07K 16/00 (2006.01) C07K 16/22 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **CARRIER-ANTIBODY COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS DE PROTEINES PORTEUSES ET D'ANTICORPS ET LEURS PROCEDES DE PREPARATIONS ET D'UTILISATION**
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2017-01-03
[86] 2015-10-06 (PCT/US2015/054295)
[87] (WO2016/057554)
[30] US (62/060,484) 2014-10-06
[30] US (62/206,770) 2015-08-18
[30] US (62/206,771) 2015-08-18
[30] US (62/206,772) 2015-08-18

---

[21] **2,957,431**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) F02N 11/12 (2006.01) H01M 2/34 (2006.01) H01M 10/44 (2006.01)**
[25] EN
[54] **BATTERY ASSEMBLY DEVICE**
[54] **DISPOSITIF D'ASSEMBLAGE DE BATTERIE**
[72] NOOK, JONATHAN LEWIS, US
[72] NOOK, WILLIAM KNIGHT, SR., US
[72] STANFIELD, JAMES RICHARD, US
[72] UNDERHILL, DEREK MICHAEL, US
[71] THE NOCO COMPANY, US
[85] 2017-02-09
[86] 2016-03-29 (PCT/US2016/024680)
[87] (2957431)
[30] US (62/294,067) 2016-02-11

---

[21] **2,959,153**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/12 (2006.01) A61K 39/145 (2006.01) A61P 31/12 (2006.01) A61P 37/04 (2006.01) C07C 39/17 (2006.01) C07K 1/14 (2006.01) C07K 14/005 (2006.01) C07K 14/11 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING A VACCINE ANTIGEN, RESULTING VACCINE ANTIGEN AND USES**
[54] **PROCEDE DE PREPARATION D'UN ANTIGENE VACCINAL, ANTIGENE VACCINAL OBTENU ET UTILISATIONS**
[72] ROSA-CALATRAVA, MANUEL, FR
[72] TRAVERSIER, AURELIEN, FR
[72] DESUZINGES-MANDON, ELODIE, FR
[72] DEJEAN, EMMANUEL, FR
[71] CALIXAR, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] HOSPICES CIVILS DE LYON, FR
[71] INSERM, FR
[85] 2017-02-23
[86] 2015-08-28 (PCT/FR2015/052285)
[87] (WO2016/030635)
[30] FR (1458124) 2014-08-29

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[21] **2,960,459**
[13] A1
[51] **Int.Cl. B60K 15/073 (2006.01) B60K 15/063 (2006.01)**
[25] EN
[54] **TANK AND METHOD OF MANUFACTURING TANK**
[54] **RESERVOIR ET METHODE DE FABRICATION DU RESERVOIR**
[72] TAKEDA, TAKUYA, JP
[72] MORIMOTO, NAOKI, JP
[71] KOMATSU LTD., JP
[85] 2017-03-09
[86] 2016-09-06 (PCT/JP2016/076209)
[87] (2960459)

[21] **2,963,147**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR CANCER**
[54] **POLYTHERAPIE CONTRE LE CANCER**
[72] WONG, BRIAN, US
[72] HAMBLETON, JULIE, US
[72] SIKORSKI, ROBERT, US
[72] MASTELLER, EMMA, US
[72] HESTIR, KEVIN, US
[72] BELLOVIN, DAVID, US
[72] LEWIS, KATHERINE E., US
[71] FIVE PRIME THERAPEUTICS, INC., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-03-29
[86] 2015-10-28 (PCT/US2015/057781)
[87] (WO2016/069727)
[30] US (62/072,035) 2014-10-29
[30] US (62/157,368) 2015-05-05
[30] US (62/192,025) 2015-07-13

[21] **2,963,974**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C12N 15/113 (2010.01) C12N 15/115 (2010.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY COMPRISING OX40 BINDING AGONISTS AND TIGIT INHIBITORS**
[54] **POLYTHERAPIE COMPRENANT DES AGONISTES DE LIAISON A OX40 ET DES INHIBITEURS DE TIGIT**
[72] KIM, JEONG M., US
[72] GROGAN, JANE L., US
[71] GENENTECH, INC., US
[85] 2017-04-06
[86] 2015-10-29 (PCT/US2015/058087)
[87] (WO2016/073282)
[30] US (62/076,152) 2014-11-06

[21] **2,964,197**
[13] A1
[51] **Int.Cl. A61K 33/26 (2006.01) A23L 33/15 (2016.01) A23L 33/16 (2016.01) A61K 31/122 (2006.01) A61K 31/4415 (2006.01) A61K 31/519 (2006.01) A61K 31/59 (2006.01) A61K 31/714 (2006.01) A61K 33/06 (2006.01) A61K 33/30 (2006.01) A61P 3/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR USE IN THE TREATMENT OR PREVENTION OF VITAMIN AND MINERAL DEFICIENCIES IN PATIENTS WHICH HAVE BEEN SUBJECTED TO GASTRIC BYPASS-SURGERY**
[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT OU LA PREVENTION DE CARENCES EN VITAMINES ET MINERAUX CHEZ DES PATIENTS AYANT ETE SOUMIS A UNE OPERATION DE PONTAGE GASTRIQUE**
[72] HAMER, SIMON WILLEM JAAP, NL
[71] FIT FOR ME B.V., NL
[85] 2017-04-10
[86] 2015-06-11 (PCT/NL2015/050426)
[87] (WO2016/060559)
[30] NL (2013645) 2014-10-17

[21] **2,964,203**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C12N 5/071 (2010.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07K 16/28 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITIONS FOR INDUCING DIFFERENTIATION OF MYELOID DERIVED SUPPRESSOR CELL TO TREAT CANCER AND INFECTIOUS DISEASES**
[54] **PROCEDE ET COMPOSITIONS PERMETTANT L'INDUCTION D'UNE DIFFERENCIATION DES CELLULES MYELOIDES SUPPRESSIVES POUR TRAITER LE CANCER ET LES MALADIES INFECTIEUSES**
[72] POIRIER, NICOLAS, FR
[72] VANHOVE, BERNARD, FR
[71] OSE IMMUNOTHERAPEUTICS, FR
[85] 2017-04-10
[86] 2015-10-21 (PCT/IB2015/058124)
[87] (WO2016/063233)
[30] EP (14190370.8) 2014-10-24

[21] **2,964,919**
[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01) B01D 53/44 (2006.01) C10L 3/10 (2006.01) B01J 20/26 (2006.01) B01J 20/28 (2006.01) B01J 20/34 (2006.01)**
[25] EN
[54] **TEMPERATURE CONTROLLED ADSORPTION PROCESS FOR RECOVERING CONDENSABLE HYDROCARBONS FROM A METHANE RICH STREAM**
[54] **PROCEDE D'ADSORPTION A TEMPERATURE CONTROLEE POUR LA RECUPERATION D'HYDROCARBURES CONDENSABLES A PARTIR D'UN FLUX RICHE EN METHANE**
[72] DUGAS, ROSS E., US
[72] BADHWAR, AJAY N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-04-18
[86] 2015-10-20 (PCT/US2015/056313)
[87] (WO2016/069316)
[30] US (62/068,794) 2014-10-27

[21] **2,965,357**
[13] A1
[51] **Int.Cl. F17C 1/16 (2006.01) B32B 1/02 (2006.01) B32B 27/04 (2006.01) B32B 27/08 (2006.01) B65D 83/14 (2006.01) F16J 12/00 (2006.01)**
[25] EN
[54] **CONTAINER FOR PRESSURIZED GAS**
[54] **RECIPIENT POUR GAZ COMPRIME**
[72] SINHA, ASHWINI K., US
[72] GUO, QIONG, US
[72] YARDIMCI, OZLEM, US
[72] SMITH, STANLEY M., US
[72] SPOHN, RONALD F., US
[72] BURSAC, RANKO, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2017-04-20
[86] 2015-10-28 (PCT/US2015/057687)
[87] (WO2016/069675)
[30] US (62/073,271) 2014-10-31

[21] **2,965,546**
[13] A1
[51] **Int.Cl. C04B 35/453 (2006.01) C30B 29/22 (2006.01) H01L 39/12 (2006.01) H01L 39/24 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE SUPERCONDUCTORS**
[54] **SUPRACONDUCTEURS A HAUTE TEMPERATURE**
[72] GATT, REFAEL, IL
[71] QUANTUM DESIGNED MATERIALS LTD., IL
[85] 2017-04-21
[86] 2015-10-27 (PCT/IB2015/058288)
[87] (WO2016/067205)
[30] US (62/069,212) 2014-10-27

[21] **2,965,695**
[13] A1
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 21/62 (2013.01)**
[25] EN
[54] **ROAMING CONTENT WIPE ACTIONS ACROSS DEVICES**
[54] **ACTIONS D'EFFACEMENT DE CONTENU D'ITINERANCE SUR PLUSIEURS DISPOSITIFS**
[72] MEHTA, YOGESH A., US
[72] URECHE, OCTAVIAN T., US
[72] ADAM, PRESTON DEREK, US
[72] ACHARYA, NARENDRA S., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-24
[86] 2015-11-03 (PCT/US2015/058707)
[87] (WO2016/073397)
[30] US (14/533,921) 2014-11-05

[21] **2,966,351**
[13] A1
[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C12Q 1/00 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS OF SELECTING T CELL LINE AND DONOR THEREOF FOR ADOPTIVE CELLULAR THERAPY**
[54] **PROCEDES DE SELECTION D'UNE LIGNEE DE LYMPHOCYTES T ET DONNEUR DE LIGNEE DE LYMPHOCYTES T POUR THERAPIE CELLULAIRE ADOPTIVE**
[72] O'REILLY, RICHARD J., US
[72] DOUBROVINA, EKATERINA, US
[72] KOEHNE, GUENTHER, US
[72] HASAN, AISHA N., US
[72] PROCKOP, SUSAN E., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-04-28
[86] 2015-11-04 (PCT/US2015/058939)
[87] (WO2016/073550)
[30] US (62/075,856) 2014-11-05

[21] **2,966,488**
[13] A1
[51] **Int.Cl. G02C 7/02 (2006.01)**
[25] FR
[54] **METHOD FOR OPTICAL DESIGN OF A PAIR OF OPHTHALMIC LENSES AND PAIR OF OPHTHALMIC LENSES THUS OBTAINED**
[54] **PROCEDE DE CONCEPTION OPTIQUE D'UNE PAIRE DE LENTILLES OPHTALMIQUES ET PAIRE DE LENTILLES OPHTALMIQUES AINSI OBTENUE**
[72] HERNANDEZ-CASTANEDA, MARTHA, FR
[72] HESLOUIS, MELANIE, FR
[72] MARIE, SARAH, FR
[72] MARIN, GILDAS, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2017-05-01
[86] 2014-10-31 (PCT/FR2014/052783)
[87] (WO2016/066909)

[21] **2,966,529**
[13] A1
[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/02 (2006.01) A61B 3/10 (2006.01) G02C 7/04 (2006.01) A61B 3/028 (2006.01) A61B 3/103 (2006.01)**
[25] EN
[54] **CUSTOMIZED LENS DEVICE AND METHOD**
[54] **DISPOSITIF DE LENTILLE PERSONNALISEE ET PROCEDE**
[72] WILDSMITH, CHRISTOPHER, US
[72] WIDMAN, MICHAEL F., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2017-05-01
[86] 2015-11-03 (PCT/US2015/058854)
[87] (WO2016/073495)
[30] US (14/534,106) 2014-11-05

[21] **2,966,563**
[13] A1
[51] **Int.Cl. H02M 5/42 (2006.01) B23K 9/10 (2006.01) H02M 7/217 (2006.01)**
[25] EN
[54] **MULTIVOLTAGE WELDING APPARATUS**
[54] **APPAREIL DE SOUDAGE MULTI-TENSIONS**
[72] ADMUTHE, VAIJNATH BHIMRAO, IN
[72] GERDIN, LARS, SE
[72] VILAS, PIMPLE VINAY, IN
[72] UTTAM, PISAL KIRAN, IN
[72] BHANUSHANKER, DAVE HOMESHKUMAR, IN
[71] ESAB AB, SE
[85] 2017-05-02
[86] 2015-11-05 (PCT/IB2015/058563)
[87] (WO2016/075597)
[30] IN (3528/MUM/2014) 2014-11-10

[21] **2,966,585**
[13] A1
[51] **Int.Cl. C08J 3/075 (2006.01) C02F 1/00 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01) C08J 3/12 (2006.01) D21H 17/37 (2006.01) D21H 21/10 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A DRY CATIONIC HYDROGEL POLYMER PRODUCT, POLYMER PRODUCT AND ITS USE**
[54] **PROCEDE DE PREPARATION D'UN PRODUIT POLYMERE DE TYPE HYDROGEL, SEC, CATIONIQUE, PRODUIT POLYMERE ET SON UTILISATION**
[72] VAN ROSSUM, RONALD, NL
[72] HOLAPPA, SUSANNA, FI
[72] KYLLONEN, LASSE, FI
[71] KEMIRA OYJ, FI
[85] 2017-05-02
[86] 2015-11-17 (PCT/FI2015/050797)
[87] (WO2016/079383)
[30] FI (20146003) 2014-11-17

[21] **2,966,600**
[13] A1
[51] **Int.Cl. H02H 3/02 (2006.01) B60M 3/00 (2006.01) H02H 3/087 (2006.01)**
[25] EN
[54] **DC CIRCUIT BREAKER AND DISCONNECTOR**
[54] **DISJONCTEUR ET SECTIONNEUR A COURANT CONTINU**
[72] LANE, STEPHEN ERNEST, GB
[71] HAWKER SIDDELEY SWITCHGEAR LIMITED, GB
[85] 2017-05-02
[86] 2015-11-03 (PCT/GB2015/053304)
[87] (WO2016/071684)
[30] GB (1419621.6) 2014-11-04

[21] **2,966,603**
[13] A1
[51] **Int.Cl. B81B 1/00 (2006.01) C12N 5/078 (2010.01) C12N 5/0787 (2010.01) B01L 3/00 (2006.01) C12M 1/12 (2006.01) G01N 1/28 (2006.01) G01N 1/40 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **COMBINED SORTING AND CONCENTRATING PARTICLES IN A MICROFLUIDIC DEVICE**
[54] **COMBINAISON DE TRI ET DE CONCENTRATION DE PARTICULES DANS UN DISPOSITIF MICROFLUIDIQUE**
[72] KAPUR, RAVI, US
[72] SMITH, KYLE C., US
[72] TONER, MEHMET, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2017-05-02
[86] 2015-11-03 (PCT/US2015/058785)
[87] (WO2016/073448)
[30] US (62/074,213) 2014-11-03
[30] US (62/074,315) 2014-11-03

[21] **2,966,611**
[13] A1
[51] **Int.Cl. B81B 1/00 (2006.01) B01L 3/00 (2006.01) G01N 35/08 (2006.01)**
[25] EN
[54] **SORTING PARTICLES IN A MICROFLUIDIC DEVICE**
[54] **TRI DE PARTICULES DANS UN DISPOSITIF MICROFLUIDIQUE**
[72] KAPUR, RAVI, US
[72] SMITH, KYLE C., US
[72] TONER, MEHMET, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2017-05-02
[86] 2015-11-03 (PCT/US2015/058834)
[87] (WO2016/073481)
[30] US (62/074,213) 2014-11-03
[30] US (62/074,315) 2014-11-03

[21] **2,966,623**
[13] A1
[51] **Int.Cl. B81B 1/00 (2006.01) B01L 3/00 (2006.01) G01N 35/08 (2006.01)**
[25] EN
[54] **CONCENTRATING PARTICLES IN A MICROFLUIDIC DEVICE**
[54] **CONCENTRATION DE PARTICULES DANS UN DISPOSITIF MICROFLUIDIQUE**
[72] KAPUR, RAVI, US
[72] SMITH, KYLE C., US
[72] TONER, MEHMET, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2017-05-02
[86] 2015-11-03 (PCT/US2015/058841)
[87] (WO2016/073486)
[30] US (62/074,213) 2014-11-03
[30] US (62/074,315) 2014-11-03

[21] **2,966,663**
[13] A1
[51] **Int.Cl. H01H 3/02 (2006.01) H01H 9/04 (2006.01) H01H 36/00 (2006.01) H05K 5/02 (2006.01) H01H 13/06 (2006.01) H01H 19/06 (2006.01)**
[25] EN
[54] **SWITCH APPARATUS FOR ENCLOSURES HAVING ENVIRONMENTAL PROTECTION**
[54] **APPAREIL DE COMMUTATION POUR ENCEINTES COMPRENANT UNE PROTECTION ENVIRONNEMENTALE**
[72] AMIRTHASAMY, STANLEY FELIX, US
[72] LI, PEI, CN
[72] BRAMA, MARWAN, SG
[72] WINKLER, RICHARD J., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-05-02
[86] 2015-11-13 (PCT/US2015/060508)
[87] (WO2016/077660)
[30] US (14/541,696) 2014-11-14

[21] **2,966,768**
[13] A1
[51] **Int.Cl. B41F 17/00 (2006.01) B41J 2/01 (2006.01) B41J 3/407 (2006.01)**
[25] EN
[54] **PROCESS FOR DECORATING AN ARTICLE**
[54] **PROCEDE DE DECORATION D'UN ARTICLE**
[72] CASSONI, ROBERT PAUL, US
[72] ALLEN, MATTHEW RICHARD, US
[72] BAKER, PAUL EDMUND, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-05-03
[86] 2015-11-09 (PCT/US2015/059681)
[87] (WO2016/077203)
[30] US (62/078,988) 2014-11-13
[30] US (62/211,990) 2015-08-31

[21] **2,966,851**
[13] A1
[51] **Int.Cl. G02B 6/34 (2006.01) H04W 88/02 (2009.01) G02B 27/01 (2006.01)**
[25] EN
[54] **COMPACT HEAD-MOUNTED DISPLAY SYSTEM PROTECTED BY A HYPERFINE STRUCTURE**
[54] **SYSTEME DE VISIOCASQUE COMPACT PROTEGE PAR UNE STRUCTURE HYPERFINE**
[72] AMITAI, YAAKOV, IL
[72] OFIR, YUVAL, IL
[72] MOR, ELAD, IL
[71] LUMUS LTD., IL
[85] 2017-05-04
[86] 2015-11-10 (PCT/IL2015/051087)
[87] (WO2016/075689)
[30] IL (235642) 2014-11-11

[21] **2,966,867**
[13] A1
[51] **Int.Cl. A61F 13/551 (2006.01) A61F 13/15 (2006.01) A61F 13/20 (2006.01) B65D 75/28 (2006.01)**
[25] EN
[54] **TAMPON AND TAMPON APPLICATION WRAPPER**
[54] **TAMPON ET EMBALLAGE D'APPLICATION DE TAMPON**
[72] KAPEC, JEFFREY, US
[72] NAOI, YUKIKO, US
[72] NIGAM, PANKAJ, US
[72] OGUNADE, ADEBIMPE, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2017-05-04
[86] 2015-11-09 (PCT/US2015/059695)
[87] (WO2016/099703)
[30] US (62/077,413) 2014-11-10

[21] **2,966,982**
[13] A1
[51] **Int.Cl. C23C 28/00 (2006.01) B05D 5/00 (2006.01) E21B 41/02 (2006.01)**
[25] EN
[54] **METHODS OF FORMING POLYMER COATINGS ON METALLIC SUBSTRATES**
[54] **PROCEDES DE FORMATION DE REVETEMENTS DE POLYMERE SUR DES SUBSTRATS METALLIQUES**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-05-05
[86] 2015-10-19 (PCT/US2015/056196)
[87] (WO2016/081121)
[30] US (14/546,332) 2014-11-18

[21] **2,966,989**
[13] A1
[51] **Int.Cl. H02K 15/04 (2006.01) A61B 17/00 (2006.01) H02K 3/04 (2006.01) H02K 3/47 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT MOTOR WITH INCREASED NUMBER OF WIRES PER PHASE SET AND INCREASED FILL FACTOR AND CORRESPONDING MANUFACTURING METHOD**
[54] **MOTEUR D'INSTRUMENT CHIRURGICAL AVEC NOMBRE ACCRU DE FILS PAR ENSEMBLE DE PHASE ET FACTEUR DE REMPLISSAGE ACCRU, ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] LUEDI, MANFRED K., US
[72] GARADI, VIKRAM A., US
[72] BIELER, THIERRY A., CH
[72] KOECHLI, CHRISTIAN R., CH
[71] MEDTRONIC XOMED, INC., US
[85] 2017-05-05
[86] 2015-10-27 (PCT/US2015/057454)
[87] (WO2016/073238)
[30] US (14/534,794) 2014-11-06

[21] **2,967,019**
[13] A1
[51] **Int.Cl. H02K 7/18 (2006.01) H02J 50/10 (2016.01) F16L 55/30 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWER GENERATION**
[54] **SYSTEME ET PROCEDE DE GENERATION D'ENERGIE**
[72] FISENI, ALEXANDER FELIX, DE
[72] PAPINI, FRANCESCO, DE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-05-05
[86] 2015-11-05 (PCT/US2015/059275)
[87] (WO2016/073742)
[30] US (14/533,252) 2014-11-05

[21] **2,967,079**
[13] A1
[51] **Int.Cl. H01R 12/77 (2011.01)**
[25] EN
[54] **PLUG CONNECTOR FOR FLEXIBLE CONDUCTOR FILMS**
[54] **CONNECTEUR POUR FILMS DE CIRCUIT IMPRIME FLEXIBLES**
[72] LAPPOHN, JURGEN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
[85] 2017-05-10
[86] 2015-11-12 (PCT/DE2015/100485)
[87] (WO2016/082822)
[30] DE (10 2014 117 469.0) 2014-11-27
[30] DE (10 2015 100 401.1) 2015-01-13

[21] **2,967,080**
[13] A1
[51] **Int.Cl. H01R 4/24 (2006.01) H01R 13/11 (2006.01) H01R 13/506 (2006.01) H01R 13/58 (2006.01)**
[25] EN
[54] **PLUG CONNECTOR**
[54] **CONNECTEUR ENFICHABLE**
[72] LAPPOHN, JURGEN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
[85] 2017-05-10
[86] 2015-12-08 (PCT/DE2015/100523)
[87] (WO2016/095899)
[30] DE (10 2014 118 687.7) 2014-12-15

[21] **2,967,081**
[13] A1
[51] **Int.Cl. H01R 13/52 (2006.01) H01R 24/86 (2011.01)**
[25] EN
[54] **HERMETICALLY SEALING CONNECTOR**
[54] **CONNECTEUR ENFICHABLE ETANCHE**
[72] LAPPOHN, JURGEN, DE
[71] ERNI PRODUCTION GMBH & CO. KG, DE
[85] 2017-05-10
[86] 2015-12-11 (PCT/DE2015/100532)
[87] (WO2016/095904)
[30] DE (10 2014 118 685.0) 2014-12-15

[21] **2,967,297**
[13] A1
[51] **Int.Cl. G05B 15/02 (2006.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **GENERIC CONFIGURATION PARAMETERS SHARED AMONGST GROUPS OF STORE CONTROLLERS**
[54] **PARAMETRES DE CONFIGURATION GENERIQUES PARTAGES PARMI DES GROUPES DE CONTROLEURS DE MAGASIN**
[72] BRASSARD, JEAN-PAUL, CA
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2017-05-10
[86] 2015-06-08 (PCT/US2015/034682)
[87] (WO2016/114813)
[30] US (62/103,255) 2015-01-14

[21] **2,967,321**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) B65G 1/00 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **POSITION-CONTROLLED ROBOTIC FLEET WITH VISUAL HANDSHAKES**
[54] **PARC ROBOTIQUE A REGLAGE DE POSITION ETABLISSANT DES LIAISONS VISUELLES**
[72] MASON, JULIAN, US
[72] KONOLIGE, KURT, US
[71] X DEVELOPMENT LLC, US
[85] 2017-05-10
[86] 2015-11-09 (PCT/US2015/059767)
[87] (WO2016/077243)
[30] US (14/538,047) 2014-11-11

[21] **2,967,344**
[13] A1
[51] **Int.Cl. C07K 7/56 (2006.01) A61K 38/12 (2006.01) A61P 37/06 (2006.01) C07K 7/08 (2006.01) C07K 7/50 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **MACROCYCLIC PEPTIDES USEFUL AS IMMUNOMODULATORS**
[54] **PEPTIDES MACROCYCLIQUES UTILES COMME IMMUNOMOLDULATEURS**
[72] GILLMAN, KEVIN W., US
[72] GOODRICH, JASON, US
[72] BOY, KENNETH M., US
[72] ZHANG, YUNHUI, US
[72] MAPELLI, CLAUDIO, US
[72] POSS, MICHAEL A., US
[72] SUN, LI-QIANG, US
[72] ZHAO, QIAN, US
[72] MULL, ERIC, US
[72] GILLIS, ERIC P., US
[72] SCOLA, PAUL MICHAEL, US
[72] LANGLEY, DAVID R., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-05-10
[86] 2015-11-12 (PCT/US2015/060265)
[87] (WO2016/077518)
[30] US (62/079,944) 2014-11-14
[30] US (62/111,388) 2015-02-03
[30] US (62/204,689) 2015-08-13

[21] **2,967,365**
[13] A1
[51] **Int.Cl. G02B 6/25 (2006.01) G02B 6/38 (2006.01)**
[25] EN
[54] **A METHOD OF LASER POLISHING A CONNECTORIZED OPTICAL FIBER AND A CONNECTORIZED OPTICAL FIBER FORMED IN ACCORDANCE THEREWITH**
[54] **PROCEDE DE POLISSAGE AU LASER D'UNE FIBRE OPTIQUE MUNIE DE CONNECTEURS, ET FIBRE OPTIQUE MUNIE DE CONNECTEURS FORMEE SELON CE PROCEDE**
[72] WOODWARD, RYAN H., US
[72] CHEN, YANG, US
[72] VALLANCE, ROBERT RYAN, US
[72] JAQUAY, ERIC, US
[71] NANOPRECISION PRODUCTS, INC., US
[85] 2017-05-10
[86] 2015-11-12 (PCT/US2015/060489)
[87] (WO2016/077655)
[30] US (62/078,868) 2014-11-12

[21] **2,967,395**
[13] A1
[51] **Int.Cl. D21H 17/37 (2006.01) D21C 9/00 (2006.01) D21H 15/00 (2006.01) D21H 17/38 (2006.01) D21H 17/53 (2006.01)**
[25] EN
[54] **BINDER COMPOSITIONS FOR MAKING CROSSLINKED CELLULOSE FIBER**
[54] **COMPOSITIONS DE LIANT POUR LA FABRICATION DE FIBRES DE CELLULOSE RETICULEES**
[72] RAND, CHARLES J., US
[72] FINCH, WILLIAM C., US
[72] RODOWSKI, C. DAMIEN, US
[72] WILLIAMS, DREW E., US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-05-10
[86] 2015-11-20 (PCT/US2015/061807)
[87] (WO2016/081819)
[30] US (62/082,695) 2014-11-21

[21] **2,967,399**
[13] A1
[51] **Int.Cl. C08F 4/02 (2006.01) B01J 23/26 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING PARTICLES**
[54] **COMPOSITION COMPRENANT DES PARTICULES**
[72] CANN, KEVIN J., US
[72] MOORHOUSE, JOHN H., US
[72] KHOKHANI, PARUL A., US
[72] TAMARGO, TOMAS T., US
[72] GROSS, KEVIN R., US
[72] GOODE, MARK G., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-05-10
[86] 2015-11-23 (PCT/US2015/062145)
[87] (WO2016/085856)
[30] US (62/083,517) 2014-11-24

[21] **2,967,414**
[13] A1
[51] **Int.Cl. C08F 2/34 (2006.01) B01J 8/18 (2006.01) C08F 4/6592 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **METHODS OF CONTROLLING POLYOLEFIN MELT INDEX WHILE INCREASING CATALYST PRODUCTIVITY**
[54] **PROCEDES DE COMMANDE DE L'INDICE DE FUSION DE POLYOLEFINE AVEC AUGMENTATION DE LA PRODUCTIVITE DE CATALYSEUR**
[72] SAVATSKY, BRUCE J., US
[72] MURUGANANDAM, NATARAJAN, US
[72] LYNN, TIMOTHY R., US
[72] FARLEY, JAMES M., US
[72] ZILKER, JR. DANIEL P., US
[72] HUSSEIN, FATHI DAVID, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-05-10
[86] 2015-11-24 (PCT/US2015/062256)
[87] (WO2016/085896)
[30] US (62/084,228) 2014-11-25

[21] **2,967,415**
[13] A1
[51] **Int.Cl. C08F 2/34 (2006.01) B01J 8/18 (2006.01) G05B 17/00 (2006.01)**
[25] EN
[54] **METHODS OF MONITORING AND CONTROLLING THE MELT INDEX OF A POLYOLEFIN PRODUCT DURING PRODUCTION**
[54] **PROCEDES DE CONTROLE ET DE COMMANDE DE L'INDICE DE FUSION D'UN PRODUIT DE POLYOLEFINE PENDANT LA PRODUCTION**
[72] SAVATSKY, BRUCE J., US
[72] THOMAS, DANIEL N. JR., US
[72] LYNN, TIMOTHY R., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-05-10
[86] 2015-11-24 (PCT/US2015/062355)
[87] (WO2016/085945)
[30] US (62/084,235) 2014-11-25

[21] **2,967,471**
[13] A1
[51] **Int.Cl. H04W 88/02 (2009.01) H04W 4/00 (2009.01) H04W 12/04 (2009.01) H04W 12/08 (2009.01) H04W 88/18 (2009.01)**
[25] EN
[54] **OVER-THE-AIR PROVISIONING OF APPLICATION LIBRARY**
[54] **APPROVISIONNEMENT PAR RADIO D'UNE BIBLIOTHEQUE D'APPLICATIONS**
[72] HILLIAR, PAUL, GB
[72] SINGH, BRIJENDRA, US
[72] NOSSEIR, MOHAMED, US
[72] YOUDALE, ROBERT, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-05-10
[86] 2015-12-29 (PCT/US2015/067880)
[87] (WO2016/109547)
[30] US (62/097,234) 2014-12-29

[21] **2,967,519**
[13] A1
[51] **Int.Cl. G10L 19/16 (2013.01) H04N 21/233 (2011.01) H04N 21/235 (2011.01) H04N 21/236 (2011.01) H03M 7/30 (2006.01)**
[25] EN
[54] **DECODER FOR DECODING A MEDIA SIGNAL AND ENCODER FOR ENCODING SECONDARY MEDIA DATA COMPRISING METADATA OR CONTROL DATA FOR PRIMARY MEDIA DATA**
[54] **DECODEUR POUR DECODER UN SIGNAL MULTIMEDIA, ET ENCODEUR POUR ENCODER DES DONNEES MULTIMEDIAS SECONDAIRES COMPRENANT DES METADONNEES OU DES DONNEES DE COMMANDE ASSOCIEES A DES DONNEES MULTIMEDIAS PRIMAIRES**
[72] BLEIDT, ROBERT, US
[72] BLIEM, TOBIAS, DE
[72] KRAGELOH, STEFAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-05-11
[86] 2015-11-06 (PCT/EP2015/075987)
[87] (WO2016/075053)
[30] EP (14192907.5) 2014-11-12
[30] EP (15163198.3) 2015-04-10
[30] EP (15181428.2) 2015-08-18

[21] **2,967,548**
[13] A1
[51] **Int.Cl. H02M 3/155 (2006.01) H02S 40/30 (2014.01) G05F 1/67 (2006.01) H02M 1/08 (2006.01)**
[25] EN
[54] **CONTROL ARRANGEMENT**
[54] **AGENCEMENT DE COMMANDE**
[72] AHMED, MOHAMMED, GB
[71] UNIVERSITY OF PLYMOUTH, GB
[85] 2017-05-11
[86] 2015-11-17 (PCT/GB2015/053480)
[87] (WO2016/079492)
[30] GB (1420547.0) 2014-11-19

[21] **2,967,586**
[13] A1
[51] **Int.Cl. G09B 23/28 (2006.01)**
[25] EN
[54] **SIMULATED TISSUE MODELS AND METHODS**
[54] **MODELES DE TISSU SIMULES ET PROCEDES**
[72] HOFSTETTER, GREGORY K., US
[72] BRESLIN, TRACY, US
[72] POULSEN, NIKOLAI, US
[72] SALEH, KHODR, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
[85] 2017-05-11
[86] 2015-11-09 (PCT/US2015/059668)
[87] (WO2016/077195)
[30] US (62/079,523) 2014-11-13
[30] US (62/079,479) 2014-11-13
[30] US (62/089,919) 2014-12-10
[30] US (62/118,179) 2015-02-19

[21] **2,967,768**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/12 (2009.01)**
[25] EN
[54] **IDENTITY ASSERTION BASED ON BIOMETRIC INFORMATION**
[54] **ASSERTION D'IDENTITE EN SE BASANT SUR DES INFORMATIONS BIOMETRIQUES**
[72] POPOVICH, GEORGE, US
[72] KORUS, MICHAEL F., US
[72] METKE, ANTHONY R., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-05-12
[86] 2015-11-05 (PCT/US2015/059206)
[87] (WO2016/077142)
[30] US (14/541,599) 2014-11-14

[21] **2,967,793**
[13] A1
[51] **Int.Cl. H01Q 3/36 (2006.01) H01Q 3/24 (2006.01) H01Q 3/26 (2006.01)**
[25] EN
[54] **PHASED ARRAY STEERING**
[54] **ORIENTATION DE RESEAU A COMMANDE DE PHASE**
[72] KULLSTAM, JOHAN A., US
[71] RAYTHEON COMPANY, US
[85] 2017-05-12
[86] 2015-09-02 (PCT/US2015/048056)
[87] (WO2016/089460)
[30] US (14/561,937) 2014-12-05

[21] **2,968,019**
[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **CHANNEL SENSING ENHANCEMENT**
[54] **AMELIORATION DE LA DETECTION DE CANAL**
[72] LEI, HAIPENG, US
[72] SHU, KODO, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-05-15
[86] 2015-12-22 (PCT/US2015/067358)
[87] (WO2016/106308)
[30] CN (PCT/CN2014/094505) 2014-12-22
[30] US (14/594,914) 2015-01-12

[21] **2,968,035**
[13] A1
[51] **Int.Cl. E04H 12/00 (2006.01) H04W 88/08 (2009.01) H01Q 1/12 (2006.01)**
[25] EN
[54] **LINK-PLATE CONNECTION FOR MONOPOLE REINFORCING BARS**
[54] **CONNEXION DE PLAQUE DE LIAISON DESTINEE A DES BARRES DE RENFORT MONOPOLAIRES**
[72] SEMAAN, ROBERT, US
[71] TOWER ENGINEERING SOLUTIONS, LLC, US
[85] 2017-05-23
[86] 2015-09-24 (PCT/US2015/051892)
[87] (2968035)
[30] US (14552263) 2014-11-24

[21] **2,968,091**
[13] A1
[51] **Int.Cl. H04L 12/64 (2006.01) H02J 4/00 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL COMMUNICATIONS ON AN ELECTRICAL SECONDARY NETWORKED DISTRIBUTION SYSTEM**
[54] **COMMUNICATIONS BIDIRECTIONNELLES SUR UN SYSTEME DE DISTRIBUTION EN RESEAU SECONDAIRE ELECTRIQUE**
[72] BERNHEIM, HENRIK F., US
[71] DOMINION ENERGY TECHNOLOGIES, INC., US
[71] ASTROLINK INTERNATIONAL LLC, US
[85] 2017-05-16
[86] 2015-12-03 (PCT/US2015/063752)
[87] (WO2016/090146)
[30] US (62/086,980) 2014-12-03

[21] **2,968,121**
[13] A1
[51] **Int.Cl. H02J 15/00 (2006.01) H02J 7/34 (2006.01) H02J 9/06 (2006.01)**
[25] EN
[54] **SELF-DISCHARGING RESERVE POWER UNITS AND RELATED METHODS**
[54] **BLOCS D'ALIMENTATION DE SECOURS A DECHARGE AUTOMATIQUE ET PROCEDES ASSOCIES**
[72] PESEK, THOMAS, US
[72] SCHADE, ROSS ARTHUR, US
[72] POULSEN, CHRIS, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-05-16
[86] 2015-12-11 (PCT/US2015/065173)
[87] (WO2016/094760)
[30] US (62/090,749) 2014-12-11

[21] **2,968,196**
[13] A1
[51] **Int.Cl. A01H 4/00 (2006.01) A01C 1/02 (2006.01) A01G 1/00 (2006.01) A01G 7/00 (2006.01) A01G 17/00 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **INTEGRATED GERMINATION METHOD AND DEVICE**
[54] **PROCEDE INTEGRE DE GERMINATION ET DISPOSITIF**
[72] AIDUN, CYRUS, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2017-05-17
[86] 2015-12-21 (PCT/IB2015/059811)
[87] (WO2016/098083)
[30] US (62/094,326) 2014-12-19
[30] SE (1550454-1) 2015-04-15

[21] **2,968,201**
[13] A1
[51] **Int.Cl. H04L 12/22 (2006.01) H04L 12/26 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MALICIOUS CODE DETECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE CODE MALVEILLANT**
[72] KATMOR, ROY, IL
[72] BITTON, TOMER, IL
[72] YAVO, UDI, IL
[72] KELSON, IDO, IL
[71] ENSILO LTD., IL
[85] 2017-05-17
[86] 2015-11-24 (PCT/IL2015/051136)
[87] (WO2016/084073)
[30] US (62/083,985) 2014-11-25
[30] US (62/147,040) 2015-04-14

[21] **2,968,202**
[13] A1
[51] **Int.Cl. H04B 7/06 (2006.01) H04W 16/28 (2009.01)**
[25] EN
[54] **EFFICIENT BEAM SCANNING FOR HIGH-FREQUENCY WIRELESS NETWORKS**
[54] **BALAYAGE DE FAISCEAU EFFICACE POUR DES RESEAUX SANS FIL HAUTE FREQUENCE**
[72] HUI, DENNIS, US
[72] AXNAS, JOHAN, SE
[72] BALDEMAIR, ROBERT, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-05-17
[86] 2015-11-03 (PCT/IB2015/058499)
[87] (WO2016/071840)
[30] US (14/531,494) 2014-11-03

[21] **2,968,327**
[13] A1
[51] **Int.Cl. H04L 12/12 (2006.01) H04L 9/32 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MALICIOUS CODE DETECTION ACCURACY ASSURANCE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ASSURER LA PRECISION DE DETECTION DE CODE MALVEILLANT**
[72] KATMOR, ROY, IL
[72] BITTON, TOMER, IL
[72] YAVO, UDI, IL
[72] KELSON, IDO, IL
[71] ENSILO LTD., IL
[85] 2017-05-18
[86] 2015-11-24 (PCT/IL2015/051139)
[87] (WO2016/084076)
[30] US (62/083,985) 2014-11-25
[30] US (62/147,040) 2015-04-14

[21] **2,968,329**
[13] A1
[51] **Int.Cl. H04J 14/02 (2006.01) H04B 10/40 (2013.01) H04Q 11/00 (2006.01)**
[25] EN
[54] **COLORLESS, DIRECTIONLESS AND CONTENTIONLESS NETWORK NODE**
[54] **NOEUD DE RESEAU INCOLORE, SANS DIRECTION ET SANS CONFLIT**
[72] WAGENER, JEFFERSON L., US
[71] NISTICA, INC., US
[85] 2017-05-17
[86] 2015-11-27 (PCT/US2015/062829)
[87] (WO2016/086220)
[30] US (62/084,843) 2014-11-26
[30] US (14/953,106) 2015-11-27

[21] **2,968,367**
[13] A1
[51] **Int.Cl. H01L 31/0264 (2006.01) H01L 31/0224 (2006.01) H01L 31/04 (2014.01)**
[25] EN
[54] **BI-AND TRI-LAYER INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES**
[54] **COUCHES INTERFACIALES A DEUX ET TROIS COUCHES DANS DES DISPOSITIFS A MATERIAUX PEROVSKITES**
[72] IRWIN, MICHAEL D., US
[72] CHUTE, JERRED A., US
[72] DHAS, VIVEK V., US
[71] HUNT ENERGY ENTERPRISES, L.L.C., US
[85] 2017-05-18
[86] 2015-11-19 (PCT/US2015/061467)
[87] (WO2016/081682)
[30] US (62/083,063) 2014-11-21
[30] US (14/711,391) 2015-05-13

[21] **2,968,482**
[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01) H04W 4/16 (2009.01) H04M 3/487 (2006.01) H04M 7/00 (2006.01)**
[25] EN
[54] **TELECOMMUNICATIONS CALL AUGMENTATION SYSTEM**
[54] **SYSTEME D'AUGMENTATION D'APPELS DE TELECOMMUNICATIONS**
[72] GREEN, CHAIM AARON JAMES, GB
[72] NYMAN, JOSHUA, GB
[71] INCALL LIMITED, GB
[85] 2017-05-19
[86] 2015-11-20 (PCT/GB2015/053550)
[87] (WO2016/079539)
[30] GB (PCT/GB2014/053455) 2014-11-21
[30] GB (1507768.8) 2015-05-06
[30] GB (1508682.0) 2015-05-20

[21] **2,968,498**
[13] A1
[51] **Int.Cl. H01B 7/02 (2006.01) H01B 3/46 (2006.01) H01B 9/00 (2006.01) H01B 13/06 (2006.01)**
[25] EN
[54] **ELECTRIC POWER CABLE**
[54] **CABLE D'ALIMENTATION ELECTRIQUE**
[72] YAO, XUEYAN, CN
[72] GUAN, ZHENG, CN
[72] CAI, CHONGRUI, CN
[72] WANG, TIANDE, CN
[72] WANG, YAMING, CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-05-19
[86] 2015-11-12 (PCT/US2015/060285)
[87] (WO2016/081264)
[30] CN (201420709242.3) 2014-11-21

[21] **2,968,502**
[13] A1
[51] **Int.Cl. G08B 29/18 (2006.01) G08B 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADDRESSABLY PROGRAMMING A NOTIFICATION SAFETY DEVICE**
[54] **SYSTEMES ET PROCEDES DE PROGRAMMATION DE MANIERE ADRESSABLE D'UN DISPOSITIF DE SECURITE DE NOTIFICATION**
[72] RUSZALA, DARIUSZ, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2017-05-19
[86] 2015-11-18 (PCT/US2015/061213)
[87] (WO2016/085719)
[30] US (14/552,038) 2014-11-24

[21] **2,968,521**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01) H04W 4/04 (2009.01) H04W 12/08 (2009.01) G06Q 30/02 (2012.01) H04B 5/00 (2006.01)**
[25] EN
[54] **CAPTURING USER INTENT WHEN INTERACTING WITH MULTIPLE ACCESS CONTROLS**
[54] **CAPTURE D'INTENTION D'UTILISATEUR LORS D'UNE INTERACTION AVEC UNE PLURALITE DE COMMANDES D'ACCES**
[72] KUENZI, ADAM, US
[72] LANG, MICHAEL, US
[71] CARRIER CORPORATION, US
[85] 2017-05-19
[86] 2015-12-01 (PCT/US2015/063138)
[87] (WO2016/089837)
[30] US (62/086,266) 2014-12-02

[21] **2,968,534**
[13] A1
[51] **Int.Cl. H04B 7/145 (2006.01) H04B 10/25 (2013.01) H04B 7/185 (2006.01)**
[25] EN
[54] **COMMUNICATION METHOD AND SYSTEM THAT USES LOW LATENCY/LOW DATA BANDWIDTH AND HIGH LATENCY/HIGH DATA BANDWIDTH PATHWAYS**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION QUI UTILISENT DES VOIES A FAIBLE LATENCE/LARGE BANDE PASSANTE ET A FORTE LATENCE/LARGE BANDE PASSANTE**
[72] BABICH, KEVIN, US
[71] SKYWAVE NETWORKS, LLC, US
[85] 2017-05-19
[86] 2015-12-08 (PCT/US2015/064474)
[87] (WO2016/094392)
[30] US (14/566,851) 2014-12-11
[30] US (14/843,391) 2015-09-02

[21] **2,968,537**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01) H04W 4/04 (2009.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01)**
[25] EN
[54] **ACCESS CONTROL SYSTEM WITH VIRTUAL CARD DATA**
[54] **SYSTEME DE COMMANDE D'ACCES AVEC DES DONNEES DE CARTE VIRTUELLE**
[72] KUENZI, ADAM, US
[72] HARKEMA, JONAH J., US
[71] CARRIER CORPORATION, US
[85] 2017-05-19
[86] 2015-12-01 (PCT/US2015/063130)
[87] (WO2016/089832)
[30] US (62/086,258) 2014-12-02

[21] **2,968,550**
[13] A1
[51] **Int.Cl. H04W 12/02 (2009.01) H04W 4/04 (2009.01) H04W 12/06 (2009.01) G07C 9/00 (2006.01)**
[25] EN
[54] **REMOTE PROGRAMMING FOR ACCESS CONTROL SYSTEM WITH VIRTUAL CARD DATA**
[54] **PROGRAMMATION A DISTANCE POUR UN SYSTEME DE CONTROLE D'ACCES AVEC DES DONNEES DE CARTE VIRTUELLE**
[72] KUENZI, ADAM, US
[71] CARRIER CORPORATION, US
[85] 2017-05-19
[86] 2015-12-01 (PCT/US2015/063153)
[87] (WO2016/089846)
[30] US (62/086,271) 2014-12-02

[21] **2,968,555**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/00 (2006.01) C07K 14/705 (2006.01) C07K 16/40 (2006.01) C12N 5/10 (2006.01) C12N 9/88 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **CARBONIC ANHYDRASE IX SPECIFIC CHIMERIC ANTIGEN RECEPTORS AND METHODS OF USE THEREOF**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES SPECIFIQUES DE L'ANHYDRASE CARBONIQUE IX ET LEURS PROCEDES D'UTILISATION**
[72] MARASCO, WAYNE A., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-05-19
[86] 2015-12-21 (PCT/US2015/067178)
[87] (WO2016/100980)
[30] US (62/094,596) 2014-12-19

[21] **2,968,580**
[13] A1
[51] **Int.Cl. H04W 12/06 (2009.01) H04W 4/04 (2009.01) G07C 9/00 (2006.01)**
[25] EN
[54] **ACCESS CONTROL SYSTEM WITH AUTOMATIC MOBILE CREDENTIALING SERVICE HAND-OFF**
[54] **SYSTEME DE CONTROLE D'ACCES A TRANSFERT DE SERVICE D'ACCREDITATION MOBILE AUTOMATIQUE**
[72] KUENZI, ADAM, US
[72] HARKEMA, JONAH J., US
[71] CARRIER CORPORATION, US
[85] 2017-05-19
[86] 2015-12-01 (PCT/US2015/063148)
[87] (WO2016/089841)
[30] US (62/086,262) 2014-12-02

[21] **2,968,656**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 4/14 (2009.01) H04W 12/06 (2009.01) H04M 3/42 (2006.01)**
[25] EN
[54] **IDENTITY AND PHONE NUMBER VERIFICATION**
[54] **VERIFICATION D'IDENTITE ET DE NUMERO DE TELEPHONE**
[72] SOULEZ, THOMAS GILLES MICHEL, GB
[72] MUSURUANA, ENRICO, GB
[72] COOK, PAUL HARRY, GB
[72] NADALIN, ERIC, GB
[71] NEXMO, INC., US
[85] 2017-05-23
[86] 2015-09-16 (PCT/US2015/050475)
[87] (WO2016/085558)
[30] US (14/552,349) 2014-11-24

[21] **2,968,665**
[13] A1
[51] **Int.Cl. H01Q 1/38 (2006.01) H04W 4/02 (2009.01) E06B 7/00 (2006.01) G08C 17/02 (2006.01) H01Q 1/44 (2006.01) H01Q 9/04 (2006.01) H01Q 9/16 (2006.01) H01Q 9/30 (2006.01)**
[25] EN
[54] **WINDOW ANTENNAS**
[54] **ANTENNES DE FENETRE**
[72] HUGHES, HAROLD, US
[72] BROWN, STEPHEN C., US
[72] SHRIVASTAVA, DHAIRYA, US
[71] VIEW, INC., US
[85] 2017-05-23
[86] 2015-11-24 (PCT/US2015/062387)
[87] (WO2016/085964)
[30] US (62/084,502) 2014-11-25

[21] **2,968,828**
[13] A1
[51] **Int.Cl. B05B 1/14 (2006.01) B65G 69/18 (2006.01)**
[25] EN
[54] **HIGH SPEED RAIL CAR TOPPER APPLICATION SYSTEM**
[54] **SYSTEME D'APPLICATION DE REVETEMENT DE VOITURE DE CHEMIN DE FER A GRANDE VITESSE**
[72] CURILLA, DARRELL, CA
[71] MCRL, LLC, US
[71] CURILLA, DARRELL, CA
[85] 2017-05-24
[86] 2015-09-09 (PCT/US2015/049239)
[87] (WO2016/040519)
[30] US (62/047,971) 2014-09-09

[21] **2,968,925**
[13] A1
[51] **Int.Cl. H01S 5/34 (2006.01) H01S 5/22 (2006.01) H01S 5/227 (2006.01)**
[25] EN
[54] **QUANTUM CASCADE LASER WITH CURRENT BLOCKING LAYERS**
[54] **LASER A CASCADE QUANTIQUE A COUCHES DE BLOCAGE DU COURANT**
[72] BISMUTO, ALFREDO, CH
[72] FAIST, JEROME, CH
[72] GINI, EMILIO, CH
[72] HINKOV, BORISLAV, CH
[71] ALPES LASERS SA, CH
[85] 2017-05-25
[86] 2014-12-03 (PCT/IB2014/002666)
[87] (WO2016/087888)

[21] **2,968,964**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **SOURCE IP ADDRESS TRANSPARENCY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRANSPARENCE D'ADRESSE IP DE SOURCE**
[72] PETRONIC, MARK, US
[72] SANTOSH, VARUN, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2017-05-25
[86] 2015-11-24 (PCT/US2015/062532)
[87] (WO2016/086064)
[30] US (14/555,355) 2014-11-26

[21] **2,969,009**
[13] A1
[51] **Int.Cl. C12N 15/54 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/31 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PROVIDING RESISTANCE TO GLUFOSINATE**
[54] **PROCEDES ET COMPOSITIONS DESTINES A CONFERER UNE RESISTANCE AU GLUFOSINATE**
[72] BEILINSON, VADIM, US
[72] HENRIKSEN, JAMES R., US
[72] JONES, JANICE C., US
[72] KELLY, REBEKAH DETER, US
[72] SHEKITA, AMY, US
[71] AGBIOME, INC., US
[85] 2017-05-25
[86] 2015-12-18 (PCT/US2015/066648)
[87] (WO2016/100804)
[30] US (62/094,697) 2014-12-19
[30] US (62/094,782) 2014-12-19
[30] US (62/189,505) 2015-07-07

[21] **2,969,073**
[13] A1
[51] **Int.Cl. H01S 5/34 (2006.01) H01S 5/022 (2006.01) H01S 5/22 (2006.01) H01S 5/227 (2006.01)**
[25] EN
[54] **QUANTUM CASCADE LASER OPTIMIZED FOR EPITAXIAL SIDE-DOWN MOUNTING**
[54] **LASER A CASCADE QUANTIQUE OPTIMISE POUR UN MONTAGE TETE-BECHE SUR L'EMBASE**
[72] MAULINI, RICHARD, CH
[72] BISMUTO, ALFREDO, CH
[72] GRESCH, TOBIAS, CH
[72] MULLER, ANTOINE, CH
[71] ALPES LASERS SA, CH
[85] 2017-05-26
[86] 2014-12-19 (PCT/IB2014/002852)
[87] (WO2016/097780)

[21] **2,969,136**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **COMPUTER READABLE STORAGE MEDIA FOR LEGACY INTEGRATION AND METHODS AND SYSTEMS FOR UTILIZING SAME**
[54] **SUPPORTS DE STOCKAGE LISIBLES PAR ORDINATEUR POUR INTEGRATION D'ELEMENTS HERITES, ET PROCEDES ET SYSTEMES D'UTILISATION ASSOCIES**
[72] KATIEB, RALPH, US
[71] DOCUMENT STORAGE SYSTEMS, INC., US
[85] 2017-05-26
[86] 2015-12-17 (PCT/US2015/066287)
[87] (WO2016/106061)
[30] US (14/580,604) 2014-12-23

[21] **2,969,151**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01) C12N 15/29 (2006.01) C12N 15/31 (2006.01) C12N 15/55 (2006.01) C12N 15/90 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IDENTIFYING AND ENRICHING FOR CELLS COMPRISING SITE SPECIFIC GENOMIC MODIFICATIONS**
[54] **PROCEDES ET COMPOSITIONS D'IDENTIFICATION ET D'ENRICHISSEMENT POUR DES CELLULES CONTENANT DES MODIFICATIONS GENOMIQUES SPECIFIQUES A UN SITE**
[72] CHEN, ZHONGYING, US
[72] KIM, MYOUNG, US
[72] ZHONG, HENG, US
[72] GU, WEINING, US
[72] JIANG, YAPING, US
[72] QUE, QIUDENG, US
[72] CHILTON, MARY-DELL, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2017-05-26
[86] 2015-12-18 (PCT/US2015/066619)
[87] (WO2016/106121)
[30] US (62/096,442) 2014-12-23

[21] **2,969,258**
[13] A1
[51] **Int.Cl. A23L 3/3571 (2006.01) A23K 30/00 (2016.01) A23L 3/3463 (2006.01) A61L 2/16 (2006.01) C12N 1/20 (2006.01) A23K 10/16 (2016.01) A23L 33/135 (2016.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPOSITIONS RELATED TO USING NON-LIVE-BACTERIA PREPARATIONS TO PROMOTE SAFETY AND PRESERVATION**
[54] **SYSTEMES, METHODES ET COMPOSITIONS ASSOCIES A L'UTILISATION DE PREPARATIONS DE BACTERIES NON VIVANTES POUR PROMOUVOIR LA SECURITE ET LA PRESERVATION**
[72] SMITTLE, RICHARD BAIRD, US
[72] PHELPS, JOHN BOYD, US
[72] SUNVOLD, GREGORY DEAN, US
[72] HOMMEYER, JOHN A., US
[71] SMITTLE, RICHARD BAIRD, US
[71] PHELPS, JOHN BOYD, US
[71] SUNVOLD, GREGORY DEAN, US
[71] HOMMEYER, JOHN A., US
[71] MICRO-NATURE LLC, US
[85] 2017-06-02
[86] 2016-02-12 (PCT/US2015/063842)
[87] (2969258)

[21] **2,969,299**
[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12N 1/14 (2006.01) C12Q 1/04 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETECTING PLANT PATHOGENS**
[54] **DISPOSITIF ET PROCEDE DE DETECTION D'AGENTS PATHOGENES DE PLANTES**
[72] DE MANZANOS GUINOT, ANGELA, GB
[72] O'DONNELLY WEAVER, KERRY, GB
[71] FUNGIALERT LIMITED, GB
[85] 2017-05-30
[86] 2015-12-16 (PCT/GB2015/054036)
[87] (WO2016/097726)
[30] GB (1422390.3) 2014-12-16

[21] **2,969,547**
[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) A23K 10/30 (2016.01) A23L 25/00 (2016.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **FINE MAPPING AND VALIDATION OF QTL UNDERLYING FIBER CONTENT AND SEED COAT COLOR TRAITS AND IDENTIFICATION OF SNP MARKERS FOR MARKER ASSISTED SELECTION OF THESE TRAITS DERIVED FROMYELLOW SEED COAT (YSC) CANOLA LINE YN01-429 AND ITS LINEAGE**
[54] **MAPPAGE FIN ET VALIDATION DE QTL SOUS-TENDANT LA TENEUR EN FIBRES ET LES CARACTERES DE COLORATION DU TEGUMENT D'UNE GRAINE ET IDENTIFICATION DE MARQUEURS DE POLYMORPHISME NUCLEOTIDIQUE SIMPLE (SNP) POUR UNE SELECTION ASSISTEE PAR MARQUEURS DE CES CARACTERES DERIVES DE LA LIGNEE DE COLZA A TEGUMENT JAUNE (YSC) YN01-429 ET SA LIGNEE**
[72] TANG, SHUNXUE, US
[72] RIPLEY, VAN, CA
[72] PATTERSON, TOM G., US
[72] WIGGINS, MICHELLE, US
[72] FLOOK, JOSH, US
[72] OCHSENFELD, CHERIE, US
[72] GARCIA, DANIEL, US
[72] RIZVI, SYED MASOOD, CA
[72] TAHIR, MUHAMMAD, CA
[72] PREUSS, RYAN, US
[72] KNIEVEL, DONNA, CA
[72] ROUNSLEY, STEVE, US
[72] EHLERT, ZOE, CA
[72] PARLIAMENT, KELLY, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-01
[86] 2015-12-18 (PCT/US2015/066813)
[87] (WO2016/100883)
[30] US (62/093,963) 2014-12-18

[21] **2,969,614**
[13] A1
[51] **Int.Cl. B60T 17/00 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **AIR DRYER SYSTEM FOR A LOCOMOTIVE WITH OPTIMIZED PURGE AIR CONTROL**
[54] **SYSTEME DE DESSICCATEUR D'AIR POUR UNE LOCOMOTIVE AVEC COMMANDE D'AIR DE PURGE OPTIMISEE**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-06-02
[86] 2014-12-03 (PCT/US2014/068366)
[87] (WO2016/089390)

[21] **2,969,819**
[13] A1
[51] **Int.Cl. C12P 7/46 (2006.01) C12N 1/14 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF MALATE**
[54] **PROCEDE DE PRODUCTION DE MALATE**
[72] BLANK, LARS M., DE
[72] WIERCKX, NICK, NL
[72] ZAMBANINI, THIEMO, DE
[72] SARIKAYA, EDA, DE
[72] BUSCHER, JOERG, DE
[72] MEURER, GUIDO, DE
[71] B.R.A.I.N. AKTIENGESELLSCHAFT BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK AG, DE
[85] 2017-06-05
[86] 2015-12-21 (PCT/IB2015/059817)
[87] (WO2016/103140)
[30] EP (14200111.4) 2014-12-23
[30] EP (15167802.6) 2015-05-15

[21] **2,970,077**
[13] A1
[51] **Int.Cl. A23L 7/10 (2016.01) A23L 7/117 (2016.01) A21D 13/066 (2017.01) A21D 13/42 (2017.01) A21D 13/00 (2017.01)**
[25] EN
[54] **WATER AND ENERGY SAVING PROCESS FOR MAKING WHOLE WHEAT AND WHOLE GLUTEN-FREE GRAIN FLOUR**
[54] **PROCEDE D'ECONOMIE D'EAU ET D'ENERGIE POUR FABRIQUER DE LA FARINE DE BLE ENTIER ET DE GRAINS ENTIERS SANS GLUTEN**
[72] RUBIO, FELIPE A., US
[72] RUBIO, MANUEL J., US
[72] CONTRERAS M., ROBERTO, MX
[72] RUBIO, FELIPE A., US
[71] INVESTIGACION TECNICA AVANZADA S.A. DE C.V., MX
[71] RUBIO, FELIPE A., US
[85] 2017-06-07
[86] 2014-12-19 (PCT/US2014/071584)
[87] (WO2016/099557)

[21] **2,970,138**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/29 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MODULATION OF YEP6 GENE EXPRESSION TO INCREASE YIELD AND OTHER RELATED TRAITS IN PLANTS**
[54] **MODULATION DE L'EXPRESSION DU GENE YEP6 PERMETTANT DE RENFORCER LE RENDEMENT ET D'AUTRES CARACTERES ASSOCIES CHEZ LES PLANTES**
[72] FENGLER, KEVIN, US
[72] GUPTA, RAJEEV, US
[72] LI, BAILIN, US
[72] MOOSE, STEPHEN P., US
[72] WEERS, BENJAMIN, US
[72] ZHOU, WENGANG, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] UNIVERSITY OF ILLINOIS/URBANA, US
[85] 2017-06-07
[86] 2015-12-03 (PCT/US2015/063639)
[87] (WO2016/099918)
[30] US (62/092,933) 2014-12-17

[21] **2,970,162**
[13] A1
[51] **Int.Cl. C12M 1/42 (2006.01) B01D 43/00 (2006.01) C12M 1/00 (2006.01) C12M 3/00 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ACOUSTIC PERFUSION DEVICES**
[54] **DISPOSITIFS ACOUSTIQUES DE PERFUSION**
[72] LIPKENS, BART, US
[72] MILLER, ERIK, US
[72] ROSS-JOHNSRUD, BENJAMIN, US
[72] PRESZ, WALTER M., JR., US
[72] CHITALE, KEDAR, US
[72] KENNEDY, THOMAS J. III, US
[71] FLODESIGN SONICS, INC., US
[85] 2017-06-07
[86] 2015-12-18 (PCT/US2015/066884)
[87] (WO2016/100923)
[30] US (62/093,491) 2014-12-18
[30] US (62/211,057) 2015-08-28
[30] US (62/243,211) 2015-10-19
[30] US (62/256,952) 2015-11-18

[21] **2,970,282**
[13] A1
[51] **Int.Cl. G01S 7/02 (2006.01) G01S 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PROVIDE A DYNAMIC SITUATIONAL AWARENESS OF ATTACK RADAR THREATS**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE PRISE DE CONSCIENCE DE SITUATION DYNAMIQUE DE MENACES DE RADARS D'ATTAQUE**
[72] TSUNODA, STANLEY T., US
[71] RAYTHEON COMPANY, US
[85] 2017-06-08
[86] 2015-08-13 (PCT/US2015/045050)
[87] (WO2016/093899)
[30] US (14/566,830) 2014-12-11

[21] **2,970,342**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 15/31 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF CHROMATIN REMODELING GENES TO CONTROL HEMIPTERAN PESTS**
[54] **SUPPRESSION D'INTERFERENCE ARN PARENTALE DE GENES DE REMODELAGE DE LA CHROMATINE POUR LUTTER CONTRE DES HEMIPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-03-09
[86] 2015-12-16 (PCT/US2015/066082)
[87] (WO2016/100507)
[30] US (62/092,747) 2014-12-16

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[21] **2,970,369**
[13] A1
[51] **Int.Cl. G02B 5/26 (2006.01) G01J 3/02 (2006.01) G02B 17/00 (2006.01)**
[25] FR
[54] **OPTICAL FILTERING DEVICE FOR DETECTING GAS**
[54] **DISPOSITIF DE FILTRAGE OPTIQUE POUR LA DETECTION DE GAZ**
[72] MORIN, NATHALIE, FR
[72] BERNASCOLLE, PHILIPPE, FR
[72] FERVEL, FRANCK, FR
[72] DRUART, GUILLAUME, FR
[71] BERTIN TECHNOLOGIES, FR
[85] 2017-06-08
[86] 2015-12-11 (PCT/FR2015/053456)
[87] (WO2016/092236)
[30] FR (1462391) 2014-12-12

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[21] **2,970,465**
[13] A1
[51] **Int.Cl. G05D 19/02 (2006.01) G01H 17/00 (2006.01) G01N 9/00 (2006.01) G01N 11/10 (2006.01)**
[25] EN
[54] **CONTROLLING A VIBRATION OF A VIBRATORY SENSOR BASED ON A PHASE ERROR**
[54] **REGLAGE D'UNE VIBRATION D'UN CAPTEUR VIBRANT SUR LA BASE D'UNE ERREUR DE PHASE**
[72] KRAVITZ, ANDREW S., US
[72] MCANALLY, CRAIG B., US
[71] MICRO MOTION, INC., US
[85] 2017-06-09
[86] 2015-07-09 (PCT/US2015/039761)
[87] (WO2016/099603)
[30] US (62/094,217) 2014-12-19

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[21] **2,970,484**
[13] A1
[51] **Int.Cl. G01F 15/10 (2006.01) F16L 55/10 (2006.01)**
[25] EN
[54] **MULTI-DOUBLE BLOCK AND BLEED SYSTEM FOR AN ORIFICE FITTING**
[54] **SYSTEME A MULTIPLES DOUBLES FERMETURES ET PURGES POUR UN RACCORD D'ORIFICE**
[72] LOGA, THOMAS HENRY, US
[72] STOKES, JON, US
[72] SYRNYK, PETER, US
[72] CARTER, ANTHONY E., US
[72] SCHWARZ, DARREN, US
[72] SZUCS, FERENC, US
[72] BLANKENSHIP, JERRY, US
[71] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2017-06-09
[86] 2015-12-09 (PCT/US2015/064726)
[87] (WO2016/094524)
[30] US (62/091,122) 2014-12-12

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[21] **2,970,528**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF HUNCHBACK GENE TO CONTROL COLEOPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE D'ARN PARENTAL DU GENE HUNCHBACK POUR LUTTER CONTRE LES COLEOPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-06-09
[86] 2015-12-16 (PCT/US2015/066101)
[87] (WO2016/100517)
[30] US (62/092,772) 2014-12-16
[30] US (62/170,079) 2015-06-02

[21] **2,970,568**
[13] A1
[51] **Int.Cl. G01B 11/02 (2006.01) B31B 50/00 (2017.01)**
[25] FR
[54] **DISPOSITIF ET PROCEDE DE CONTROLE DE LA QUALITE DE BOITES PLIABLES ET INSTALLATION DE FABRICATION COMPRENANT UN TEL DISPOSITIF DE CONTROLE**
[54] **CHECKING DEVICE AND METHOD FOR CHECKING THE QUALITY OF FOLDABLE BOXES, AND MANUFACTURING INSTALLATION COMPRISING THIS CHECKING DEVICE**
[72] AMOROS, ROBERT, FR
[72] ROSSET, BENOIT, FR
[71] BOBST LYON, FR
[85] 2017-06-12
[86] 2015-12-17 (PCT/EP2015/025107)
[87] (WO2016/096157)
[30] FR (1462881) 2014-12-19

[21] **2,970,607**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07H 21/02 (2006.01) C12N 5/10 (2006.01) C12N 15/31 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF KRUPPEL GENE TO CONTROL COLEOPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DU GENE KRUPPEL POUR LUTTER CONTRE DES COLEOPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIE, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-06-09
[86] 2015-12-16 (PCT/US2015/066010)
[87] (WO2016/100458)
[30] US (62/092,781) 2014-12-16

[21] **2,970,611**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 5/10 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF KRUPPEL GENE TO CONTROL HEMIPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DU GENE KRUPPEL POUR LUTTER CONTRE LES HEMIPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] DOW AGROSCIENCES LLC, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2017-06-09
[86] 2015-12-16 (PCT/US2015/066034)
[87] (WO2016/100473)
[30] US (62/092,784) 2014-12-16

[21] **2,970,620**
[13] A1
[51] **Int.Cl. A23L 7/10 (2016.01) A23L 7/117 (2016.01) A21D 13/066 (2017.01) A21D 13/42 (2017.01) A21D 13/04 (2017.01)**
[25] EN
[54] **WATER AND ENERGY SAVING PROCESS FOR MAKING WHOLE WHEAT AND WHOLE GLUTEN-FREE GRAIN FLOUR**
[54] **PROCEDE D'ECONOMIE D'EAU ET D'ENERGIE POUR FABRIQUER DU BLE COMPLET ET DE LA FARINE DE CEREALES COMPLETES SANS GLUTEN**
[72] RUBIO, FELIPE A., US
[72] RUBIO, MANUEL J., US
[72] CONTRERAS M., ROBERTO, MX
[71] INVESTIGACION TECNICA AVANZADA S.A. DE C.V., MX
[71] RUBIO, FELIPE A., US
[85] 2017-06-12
[86] 2014-12-19 (PCT/US2014/071553)
[87] (WO2016/099554)

[21] **2,970,670**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 15/31 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF HUNCHBACK GENE TO CONTROL HEMIPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DU GENE HUNCHBACK POUR LA LUTTE CONTRE LES HEMIPTERES NUISIBLES**
[72] SIEGFRIED, BLAIR, US
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-12
[86] 2015-12-16 (PCT/US2015/066057)
[87] (WO2016/100490)
[30] US (62/092,776) 2014-12-16

[21] **2,970,671**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 5/10 (2006.01) C12N 15/32 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PARENTAL RNAI SUPPRESSION OF CHROMATIN REMODELING GENES TO CONTROL COLEOPTERAN PESTS**
[54] **SUPPRESSION DE L'INTERFERENCE ARN PARENTALE DE GENES DE REMODELAGE DE LA CHROMATINE POUR LUTTER CONTRE LES COLEOPTERES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] ARORA, KANIKA, US
[72] WORDEN, SARAH E., US
[72] SIEGFRIED, BLAIR, US
[72] KHAJURIA, CHITVAN, US
[72] FISHILEVICH, ELANE, US
[72] STORER, NICHOLAS P., US
[72] FREY, MEGHAN, US
[72] HAMM, RONDA, US
[72] VELEZ ARANGO, ANA MARIA, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-06-12
[86] 2015-12-16 (PCT/US2015/066134)
[87] (WO2016/100536)
[30] US (62/092,768) 2014-12-16
[30] US (62/170,076) 2015-06-02

[21] **2,970,756**
[13] A1
[51] **Int.Cl. C12N 5/075 (2010.01) C12N 5/071 (2010.01) C12N 5/02 (2006.01)**
[25] EN
[54] **IN VITRO MATURATION OF A MAMMALIAN CUMULUS OOCYTE COMPLEX**
[54] **MATURATION IN VITRO D'UN COMPLEXE OVOCYTE-CUMULUS DE MAMMIFERE**
[72] ROMERO, SERGIO, BE
[72] SANCHEZ, FLOR, BE
[72] SMITZ, JOHAN, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2017-06-13
[86] 2015-12-21 (PCT/BE2015/000068)
[87] (WO2016/094970)
[30] EP (14199324.6) 2014-12-19

[21] **2,970,763**
[13] A1
[51] **Int.Cl. A23L 5/44 (2016.01) A23L 5/42 (2016.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01) A23L 2/52 (2006.01) A23L 2/58 (2006.01)**
[25] EN
[54] **LYCOPENE COMPOSITION HAVING IMPROVED COLORANT PROPERTIES**
[54] **COMPOSITION DE LYCOPENE AYANT DES PROPRIETES COLORANTES AMELIOREES**
[72] SEDLOV, TANYA, IL
[72] ATLASMAN, TATYANA, IL
[72] ZELKHA, MORRIS, IL
[71] LYCORED LTD., IL
[85] 2017-06-13
[86] 2015-12-14 (PCT/IL2015/051212)
[87] (WO2016/098106)
[30] US (62/092,431) 2014-12-16

[21] **2,970,779**
[13] A1
[51] **Int.Cl. A23L 7/122 (2016.01) A23P 30/25 (2016.01) A21D 13/30 (2017.01) A23G 1/54 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING CO-EXTRUDED FOOD PRODUCT**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN PRODUIT ALIMENTAIRE CO-EXTRUDE**
[72] STENVIK, RALPH A., US
[71] GENERAL MILLS, INC., US
[85] 2017-06-13
[86] 2015-12-10 (PCT/US2015/065034)
[87] (WO2016/100092)
[30] US (14/575,686) 2014-12-18

[21] **2,970,781**
[13] A1
[51] **Int.Cl. G01L 7/08 (2006.01) G01D 5/06 (2006.01)**
[25] EN
[54] **A SENSOR DEVICE, IN PARTICULAR A PRESSURE SENSOR**
[54] **DISPOSITIF CAPTEUR, EN PARTICULIER CAPTEUR DE PRESSION**
[72] GADINI, COSTANZO, IT
[72] BIGLIATI, MARCO, IT
[71] ELTEK S.P.A., IT
[85] 2017-06-13
[86] 2015-12-22 (PCT/IB2015/059869)
[87] (WO2016/103171)
[30] IT (TO2014A001091) 2014-12-23

[21] **2,970,787**
[13] A1
[51] **Int.Cl. C07H 15/256 (2006.01) A23L 27/30 (2016.01) C07H 15/24 (2006.01) C12N 1/19 (2006.01) C12N 15/00 (2006.01) C12N 15/52 (2006.01) C12P 19/56 (2006.01)**
[25] EN
[54] **STEVIOL GLYCOSIDE COMPOUNDS, COMPOSITIONS FOR ORAL INGESTION OR USE, AND METHOD FOR ENHANCING STEVIOL GLYCOSIDE SOLUBILITY**
[54] **COMPOSES DE GLYCOSIDE DE STEVIOL, COMPOSITIONS POUR L'INGESTION PAR VOIE ORALE OU UTILISATION, ET PROCEDE PERMETTANT D'AMELIORER LA SOLUBILITE DU GLYCOSIDE DE STEVIOL**
[72] CARLSON, TING LIU, US
[72] GASPARD, DAN, US
[71] CARGILL, INCORPORATED, US
[85] 2017-06-13
[86] 2015-12-17 (PCT/US2015/066419)
[87] (WO2016/100689)
[30] US (62/093,213) 2014-12-17

[21] **2,970,801**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) C07H 21/00 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **LIGAND-MODIFIED DOUBLE-STRANDED NUCLEIC ACIDS**
[54] **ACIDES NUCLEIQUES DOUBLE BRIN MODIFIES PAR UN LIGAND**
[72] BROWN, BOB DALE, US
[72] WANG, WEIMIN, US
[71] DICERNA PHARMACEUTICALS, INC., US
[85] 2017-06-13
[86] 2015-12-15 (PCT/US2015/065906)
[87] (WO2016/100401)
[30] US (62/092,241) 2014-12-15
[30] US (62/092,238) 2014-12-15
[30] US (62/187,856) 2015-07-02
[30] US (62/187,848) 2015-07-02

[21] **2,970,855**
[13] A1
[51] **Int.Cl. G01C 22/00 (2006.01) G01C 21/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **LOCALISING PORTABLE APPARATUS**
[54] **LOCALISATION D'UN APPAREIL PORTABLE**
[72] CHURCHILL, WINSTON SAMUEL, GB
[72] NEWMAN, PAUL MICHAEL, GB
[72] LINEGAR, CHRISTOPHER JAMES, GB
[71] THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD, GB
[85] 2017-06-14
[86] 2015-12-04 (PCT/GB2015/053723)
[87] (WO2016/097690)
[30] GB (1422262.4) 2014-12-15

[21] **2,970,922**
[13] A1
[51] **Int.Cl. C11B 1/10 (2006.01) B01D 21/01 (2006.01) C11B 1/00 (2006.01) C12P 7/02 (2006.01)**
[25] EN
[54] **OIL RECOVERY AID**
[54] **AIDE POUR LA RECUPERATION D'HUILE**
[72] MURPHY, CHRISTOPHER B., US
[72] FOWLIE, DAVID A., US
[71] POLYMER VENTURES INC., US
[71] PHIBRO ANIMAL HEALTH CORPORATION, US
[85] 2017-06-14
[86] 2015-12-15 (PCT/US2015/065743)
[87] (WO2016/100298)
[30] US (62/092,553) 2014-12-16

[21] **2,970,935**
[13] A1
[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/071 (2010.01)**
[25] EN
[54] **SUSPENSION CULTURING OF PLURIPOTENT STEM CELLS**
[54] **CULTURE EN SUSPENSION DE CELLULES SOUCHES PLURIPOTENTES**
[72] FRYERS, BENJAMIN, US
[72] LANIAUSKAS, DAINA, US
[71] JANSSEN BIOTECH, INC., US
[85] 2017-06-14
[86] 2015-12-09 (PCT/US2015/064713)
[87] (WO2016/100035)
[30] US (62/094,509) 2014-12-19

[21] **2,970,966**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **DUAL QUENCHING ASSAY FOR MULTIPLEX DETECTION OF TARGET NUCLEIC ACIDS**
[54] **DOSAGE PAR DOUBLE EXTINCTION POUR LA DETECTION MULTIPLEXE D'ACIDES NUCLEIQUES CIBLES**
[72] SCHNEIDER, UFFE VEST, DK
[72] ECHWALD, SOREN MORGENTHALER, DK
[72] MIKKELSEN, NIKOLAJ DAM, DK
[71] ANAPA BIOTECH A/S, DK
[85] 2017-06-15
[86] 2015-12-22 (PCT/DK2015/050412)
[87] (WO2016/101959)
[30] DK (PA 2014 70813) 2014-12-22

[21] **2,971,006**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **EXPONENTIAL BASE-GREATER-THAN-2 NUCLEIC ACID AMPLIFICATION**
[54] **AMPLIFICATION D'ACIDES NUCLEIQUES SUPERIEURE A 2 SUR UNE BASE EXPONENTIELLE**
[72] HIGUCHI, RUSSELL, US
[71] CEPHEID, US
[85] 2017-06-14
[86] 2015-12-15 (PCT/US2015/065890)
[87] (WO2016/100388)
[30] US (62/092,102) 2014-12-15

[21] **2,971,172**
[13] A1
[51] **Int.Cl. E05D 7/10 (2006.01) H01H 71/02 (2006.01) B65D 43/16 (2006.01) H02B 1/38 (2006.01)**
[25] EN
[54] **BREAK AWAY DOOR, TRIP UNIT AND CIRCUIT BREAKER ASSEMBLY INCLUDING SAME**
[54] **PORTE DE RUPTURE, UNITE DE DECLENCHEUR ET ENSEMBLE DISJONCTEUR LES CONTENANT**
[72] WHITAKER, THOMAS A., US
[72] BASTA, JASON E., US
[72] COLLAZO, DOEL J., US
[72] RAKUS, PAUL R., US
[71] EATON CORPORATION, US
[85] 2017-06-15
[86] 2015-10-21 (PCT/US2015/056552)
[87] (WO2016/099652)
[30] US (14/577,376) 2014-12-19

[21] **2,971,211**
[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01) E04B 1/76 (2006.01)**
[25] EN
[54] **THERMALLY BROKEN ANCHOR AND ASSEMBLY INCLUDING THE SAME**
[54] **ANCRAGE A BARRIERE THERMIQUE ET ENSEMBLE COMPRENANT CELUI-CI**
[72] CARBARY, LAWRENCE DONALD, US
[72] JENSEN, JARY D., US
[71] DOW CORNING CORPORATION, US
[85] 2017-06-15
[86] 2015-12-16 (PCT/US2015/066097)
[87] (WO2016/100514)
[30] US (62/093,032) 2014-12-17

[21] **2,971,291**
[13] A1
[51] **Int.Cl. C12N 5/07 (2010.01) A61K 48/00 (2006.01) A61K 49/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/435 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **TRANSDUCTION**
[54] **TRANSDUCTION**
[72] DIXON, JAMES, GB
[72] SHAKESHEFF, KEVIN, GB
[72] DENNING, CHRIS, GB
[71] THE UNIVERSITY OF NOTTINGHAM, GB
[85] 2017-06-16
[86] 2014-12-18 (PCT/GB2014/053764)
[87] (WO2015/092417)
[30] GB (1322396.1) 2013-12-18

[21] **2,971,347**
[13] A1
[51] **Int.Cl. F02C 7/00 (2006.01) F01D 17/08 (2006.01) F02C 6/08 (2006.01) F02C 7/047 (2006.01) F02C 7/057 (2006.01) F02C 9/24 (2006.01) F02K 3/04 (2006.01) G01M 3/28 (2006.01)**
[25] FR
[54] **METHOD FOR DETECTING A FLUID LEAK IN A TURBOMACHINE AND FLUID DISTRIBUTION SYSTEM**
[54] **PROCEDE DE DETECTION DE FUITE DE FLUIDE DANS UNE TURBOMACHINE ET SYSTEME DE DISTRIBUTION DE FLUIDE**
[72] EVERWYN, ALEXANDRE PATRICK JACQUES ROGER, FR
[72] RODHAIN, ARNAUD, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-06-16
[86] 2015-12-22 (PCT/FR2015/053704)
[87] (WO2016/102878)
[30] FR (14 63331) 2014-12-24

[21] **2,971,360**
[13] A1
[51] **Int.Cl. G01B 11/24 (2006.01)**
[25] EN
[54] **REFERENCE SYSTEM FOR ONLINE VISION INSPECTION**
[54] **SYSTEME DE REFERENCE DESTINE A UNE INSPECTION DE VISION EN LIGNE**
[72] IOACHIM, OCTAVIAN, CA
[71] BOMBARDIER INC., CA
[85] 2017-06-16
[86] 2015-12-17 (PCT/IB2015/059748)
[87] (WO2016/103125)
[30] US (62/095,661) 2014-12-22

[21] **2,971,388**
[13] A1
[51] **Int.Cl. G01F 1/50 (2006.01)**
[25] EN
[54] **RODABLE PRESSURE COUPLING**
[54] **COUPLAGE DE TRANSMETTEUR DE PRESSION POUVANT RECEVOIR UNE TIGE**
[72] STEHLE, JOHN HENRY, US
[72] KENYON, NATHANIEL KIRK, US
[72] BINGHAM, BRYCE ARTHUR, US
[72] STROM, GREGORY ROBERT, US
[71] DIETERICH STANDARD, INC., US
[85] 2017-06-16
[86] 2015-12-07 (PCT/US2015/064188)
[87] (WO2016/099968)
[30] US (62/093,725) 2014-12-18
[30] US (62/174,885) 2015-06-12
[30] US (14/871,901) 2015-09-30

[21] **2,971,393**
[13] A1
[51] **Int.Cl. F16L 47/00 (2006.01) C08L 27/24 (2006.01)**
[25] EN
[54] **CPVC PIPE FITTING HAVING IMPROVED RESISTANCE TO ENVIRONMENTAL STRESS CRACKING**
[54] **RACCORD DE TUYAUTERIE EN PVC-C AYANT UNE RESISTANCE AMELIOREE A LA CRAQUELURE SOUS L'EFFET DE CONTRAINTES**
[72] ZOOK, CHRISTOPHER D., US
[72] JULIUS, MARK D., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066280)
[87] (WO2016/100614)
[30] US (62/094,308) 2014-12-19

[21] **2,971,396**
[13] A1
[51] **Int.Cl. G01M 9/04 (2006.01) B65H 23/00 (2006.01)**
[25] EN
[54] **A WEB MATERIAL TEST STAND HAVING A LAMINAR AIRFLOW DEVELOPMENT DEVICE**
[54] **BANC D'ESSAI DE MATERIAU EN BANDE AVEC DISPOSITIF DE DEVELOPPEMENT DE FLUX D'AIR LAMINAIRE**
[72] SICZEK, PAWEL MAREK, US
[72] MELLIN, GUSTAV ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066297)
[87] (WO2016/100623)
[30] US (14/577,024) 2014-12-19

[21] **2,971,400**
[13] A1
[51] **Int.Cl. G21C 17/00 (2006.01) G08C 17/02 (2006.01) G21D 3/04 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **REMOTE MONITORING OF CRITICAL REACTOR PARAMETERS**
[54] **TELESURVEILLANCE DE PARAMETRES CRITIQUES DE REACTEUR**
[72] POTTORF, JASON, US
[72] HOUGH, TED, US
[71] NUSCALE POWER, LLC, US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066471)
[87] (WO2016/109237)
[30] US (62/098,514) 2014-12-31

[21] **2,971,438**
[13] A1
[51] **Int.Cl. G01V 1/42 (2006.01) G01V 1/18 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR CREATING A SEISMIC PROFILE**
[54] **PROCEDE ET SYSTEME POUR LA CREATION D'UN PROFIL SISMIQUE**
[72] MATEEVA, ALBENA ALEXANDROVA, US
[72] WILLS, PETER BERKELEY, US
[72] LOPEZ, JORGE LUIS, US
[72] HORNMAN, JOHAN CORNELIS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-06-16
[86] 2015-12-22 (PCT/US2015/067270)
[87] (WO2016/106278)
[30] US (62/095,848) 2014-12-23

[21] **2,971,459**
[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING A DEPOSITIONAL SEQUENCE VOLUME FROM SEISMIC DATA**
[54] **SYSTEME ET PROCEDE PERMETTANT DE GENERER UN VOLUME DE SEQUENCE SEDIMENTAIRE A PARTIR DE DONNEES SISMIQUES**
[72] WANG, KE, US
[72] WEI, KAIHONG, US
[72] DEAL, KEVIN, US
[72] WILKINSON, DAVE, US
[71] CHEVRON U.S.A. INC., US
[85] 2017-06-16
[86] 2016-01-06 (PCT/US2016/012267)
[87] (WO2016/114955)
[30] US (14/595,964) 2015-01-13

[21] **2,971,541**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) C07K 1/107 (2006.01)**
[25] EN
[54] **SELECTIVE REDUCTION OF CYSTEINE RESIDUES IN IL-17 ANTIBODIES**
[54] **REDUCTION SELECTIVE DE RESIDUS DE CYSTEINE DANS DES ANTICORPS ANTI-IL-17**
[72] HEITZMANN, MARKUS, CH
[72] WINKLER, JOHANN, AT
[71] NOVARTIS AG, CH
[85] 2017-06-19
[86] 2015-12-21 (PCT/IB2015/059824)
[87] (WO2016/103146)
[30] US (62/095,361) 2014-12-22

[21] **2,971,543**
[13] A1
[51] **Int.Cl. C08J 5/24 (2006.01) C08F 20/14 (2006.01) C08L 33/12 (2006.01) D06M 13/203 (2006.01) D06M 15/263 (2006.01)**
[25] EN
[54] **METHOD FOR IMPREGNATING A FIBROUS SUBSTRATE WITH A (METH)ACRYLIC MIXTURE, COMPOSITION OF SAID (METH)ACRYLIC MIXTURE, AND COMPOSITE MATERIAL PRODUCED AFTER POLYMERISATION OF SAID (METH)ACRYLIC MIXTURE**
[54] **PROCEDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX AVEC UN MELANGE (METH)ACRYLIQUE, COMPOSITION DUDIT MELANGE (METH)ACRYLIQUE, ET MATERIAU COMPOSITE OBTENU APRES POLYMERISATION DUDIT MELANGE (METH)ACRYLIQUE**
[72] GERARD, PIERRE, FR
[72] FRANCOIS, GILLES, FR
[72] TAILLEMITE, SEBASTIEN, FR
[72] LAFARGE, MELANIE, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/FR2015/053711)
[87] (WO2016/102884)
[30] FR (14 63058) 2014-12-22

[21] **2,971,548**
[13] A1
[51] **Int.Cl. C08F 20/02 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **LIQUID (METH)ACRYLIC SYRUP, PROCESS FOR IMPREGNATING A FIBROUS SUBSTRATE WITH SAID SYRUP, AND COMPOSITE MATERIAL OBTAINED AFTER POLYMERIZATION OF SAID IMPREGNATING SYRUP**
[54] **SIROP (METH)ACRYLIQUE LIQUIDE, PROCEDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX PAR LEDIT SIROP, ET MATERIAU COMPOSITE OBTENU APRES POLYMERISATION DUDIT SIROP D'IMPREGNATION**
[72] GERARD, PIERRE, FR
[72] TAILLEMITE, SEBASTIEN, FR
[72] CALIN, DANIEL, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/FR2015/053725)
[87] (WO2016/102890)
[30] FR (14 63056) 2014-12-22

[21] **2,971,550**
[13] A1
[51] **Int.Cl. C08F 20/02 (2006.01) C08J 5/24 (2006.01) D06M 13/203 (2006.01) D06M 15/263 (2006.01)**
[25] EN
[54] **LIQUID (METH)ACRYLIC SYRUP, METHOD FOR IMPREGNATING A FIBROUS SUBSTRATE WITH SAID SYRUP, AND COMPOSITE MATERIAL PRODUCED AFTER POLYMERISATION OF SAID IMPREGNATION SYRUP**
[54] **SIROP (METH)ACRYLIQUE LIQUIDE, PROCEDE D'IMPREGNATION D'UN SUBSTRAT FIBREUX PAR LEDIT SIROP, ET MATERIAU COMPOSITE OBTENU APRES POLYMERISATION DUDIT SIROP D'IMRPEGNATION**
[72] GERARD, PIERRE, FR
[72] TAILLEMITE, SEBASTIEN, FR
[72] CALIN, DANIEL, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/FR2015/053736)
[87] (WO2016/102899)
[30] FR (14 63054) 2014-12-22

[21] **2,971,568**
[13] A1
[51] **Int.Cl. G01H 13/00 (2006.01) G01N 9/00 (2006.01) G01N 11/10 (2006.01)**
[25] EN
[54] **DETERMINING A VIBRATION RESPONSE PARAMETER OF A VIBRATORY ELEMENT**
[54] **DETERMINATION D'UN PARAMETRE DE REPONSE DE VIBRATION D'UN ELEMENT VIBRANT**
[72] MCANALLY, CRAIG B., US
[72] KRAVITZ, ANDREW S., US
[71] MICRO MOTION, INC., US
[85] 2017-06-15
[86] 2015-03-03 (PCT/US2015/018472)
[87] (WO2016/099591)
[30] US (62/094,255) 2014-12-19

[21] **2,971,571**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) C11D 1/62 (2006.01) C11D 3/20 (2006.01) C11D 3/37 (2006.01) C11D 3/43 (2006.01) C11D 3/50 (2006.01) C11D 3/60 (2006.01)**
[25] EN
[54] **UNIT DOSE FABRIC SOFTENER**
[54] **ADOUCISSANT TEXTILE EN DOSE UNITAIRE**
[72] SCHRAMM, JR. CHARLES JOHN, US
[72] TRUONG, KATIE, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-06-19
[86] 2014-12-22 (PCT/US2014/071828)
[87] (WO2016/105333)

[21] **2,971,596**
[13] A1
[51] **Int.Cl. B32B 15/01 (2006.01) B21D 53/04 (2006.01) B32B 15/20 (2006.01) B22D 7/02 (2006.01)**
[25] EN
[54] **CLAD SHEETS FOR HEAT EXCHANGERS**
[54] **TOLES PLAQUEES POUR DES ECHANGEURS DE CHALEUR**
[72] YUAN, YUDIE, US
[72] HUNTER, JOHN ANTHONY, CA
[71] NOVELIS INC., US
[85] 2017-06-19
[86] 2015-12-15 (PCT/US2015/065667)
[87] (WO2016/106007)
[30] US (62/095,146) 2014-12-22

[21] **2,971,603**
[13] A1
[51] **Int.Cl. H01M 8/0297 (2016.01) C25B 9/06 (2006.01) H01M 8/18 (2006.01)**
[25] EN
[54] **POROUS ADHESIVE NETWORKS IN ELECTROCHEMICAL DEVICES**
[54] **RESEAUX ADHESIFS POREUX DANS DES DISPOSITIFS ELECTROCHIMIQUES**
[72] PIERPONT, DANIEL M., US
[72] YANDRASITS, MICHAEL A., US
[72] FRISK, JOSEPH W., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-19
[86] 2015-12-15 (PCT/US2015/065742)
[87] (WO2016/106016)
[30] US (62/096,638) 2014-12-24

[21] **2,971,612**
[13] A1
[51] **Int.Cl. C09D 163/00 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **AQUEOUS PRIMER**
[54] **APPRET AQUEUX**
[72] CHEN, LIANZHOU, US
[72] SALNIKOV, DMITRIY, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-19
[86] 2015-12-22 (PCT/US2015/067439)
[87] (WO2016/106346)
[30] US (62/095,141) 2014-12-22

[21] **2,971,615**
[13] A1
[51] **Int.Cl. C25B 3/02 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL AND PHOTOELECTROCHEMICAL OXIDATION OF 5-HYDROXYMETHYLFURFURAL TO 2,5-FURANDICARBOXYLIC ACID AND 2,5-DIFORMYLFURAN**
[54] **OXYDATION ELECTROCHIMIQUE ET PHOTO-ELECTROCHIMIQUE DE 5-HYDROXYMETHYLFURFURAL EN ACIDE 2,5-FURANDICARBOXYLIQUE ET EN 2,5-DIFORMYLFURANE**
[72] CHOI, KYOUNG-SHIN, US
[72] CHA, HYUN GIL, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2017-06-19
[86] 2016-01-06 (PCT/US2016/012312)
[87] (WO2016/112091)
[30] US (14/592,031) 2015-01-08

[21] **2,971,618**
[13] A1
[51] **Int.Cl. C22C 21/02 (2006.01) C22C 21/08 (2006.01) C22F 1/043 (2006.01) C22F 1/047 (2006.01) C22F 1/05 (2006.01)**
[25] EN
[54] **HIGHLY FORMABLE AUTOMOTIVE ALUMINUM SHEET WITH REDUCED OR NO SURFACE ROPING AND A METHOD OF PREPARATION**
[54] **TOLE D'ALUMINIUM HAUTEMENT DEFORMABLE POUR L'INDUSTRIE AUTOMOBILE A STRIAGE REDUIT OU NUL ET PROCEDE DE PREPARATION**
[72] KAMAT, RAJEEV G., US
[72] CUSTERS, DAVID, CA
[72] GUPTA, ALOK, CA
[72] DESPOIS, AUDE, CH
[71] NOVELIS INC., US
[85] 2017-06-19
[86] 2016-01-12 (PCT/US2016/013029)
[87] (WO2016/115120)
[30] US (62/102,124) 2015-01-12

[21] **2,971,658**
[13] A1
[51] **Int.Cl. C04B 38/02 (2006.01)**
[25] FR
[54] **METHOD FOR THE CONTINUOUS PRODUCTION OF A LOW-DENSITY MINERAL FOAM**
[54] **PROCEDE DE FABRICATION EN CONTINU D'UNE MOUSSE MINERALE A FAIBLE DENSITE**
[72] BERNARD, FREDDY, FR
[72] JEZEQUEL, PIERRE-HENRI, FR
[72] REBOUSSIN, SANDRINE, FR
[71] LAFARGE, FR
[85] 2017-06-19
[86] 2015-12-18 (PCT/FR2015/053620)
[87] (WO2016/102838)
[30] FR (1463226) 2014-12-23

[21] **2,971,674**
[13] A1
[51] **Int.Cl. A01N 43/54 (2006.01) A01N 57/20 (2006.01) A01N 61/00 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMBINATION COMPRISING SAFLUFENACIL AND GLUFOSINATE**
[54] **COMBINAISON HERBICIDE COMPRENANT DU SAFLUFENACIL ET DU GLUFOSINATE**
[72] MASSA, DARIO, DE
[72] EVANS, RICHARD, US
[72] WITSCHEL, MATTHIAS, DE
[72] SEISER, TOBIAS, DE
[72] LIEBL, REX, US
[72] FRATESCHI, ALEXANDRE, MX
[71] BASF SE, DE
[85] 2017-06-20
[86] 2016-01-14 (PCT/EP2016/050632)
[87] (WO2016/113334)
[30] EP (15151239.9) 2015-01-15

[21] **2,971,676**
[13] A1
[51] **Int.Cl. G01N 29/14 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **SHEAR WAVE ELASTROGRAPHY METHOD AND APPARATUS FOR IMAGING AN ANISOTROPIC MEDIUM**
[54] **PROCEDE D'ELASTOGRAPHIE D'ONDE DE CISAILLEMENT ET APPAREIL POUR L'IMAGERIE D'UN MILIEU ANISOTROPE**
[72] BERCOFF, JEREMY, FI
[72] HENRY, JEAN-PIERRE, FR
[71] SUPER SONIC IMAGINE, FR
[85] 2017-06-20
[86] 2014-12-24 (PCT/IB2014/003123)
[87] (WO2016/102991)

[21] **2,971,701**
[13] A1
[51] **Int.Cl. C03B 5/235 (2006.01) C03B 5/167 (2006.01)**
[25] EN
[54] **UPWARDLY ANGLED BURNERS IN GLASS FURNACES**
[54] **BRULEURS INCLINES VERS LE HAUT DANS DES FOURS DE VERRERIE**
[72] IYOHA, OSEMWENGIE UYI, US
[72] KOBAYASHI, HISASHI, US
[72] EVENSON, EUAN J., CA
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2017-06-20
[86] 2015-12-16 (PCT/US2015/065997)
[87] (WO2016/106035)
[30] US (62/095,999) 2014-12-23

[21] **2,971,711**
[13] A1
[51] **Int.Cl. F03B 15/16 (2006.01) F03B 15/14 (2006.01) F03B 17/06 (2006.01)**
[25] FR
[54] **CONTROL SYSTEM FOR FLOW OF TURBINED WATER FROM A PLURALITY OF HYDROELECTRIC PLANTS**
[54] **SYSTEME DE PILOTAGE DE DEBIT D'EAU TURBINEE D'UNE PLURALITE D'USINES HYDROELECTRIQUES**
[72] DEPRUGNEY, LUC, FR
[72] ZARATE, JENNIFER, FR
[72] ROBERT, GERARD, FR
[71] ELECTRICITE DE FRANCE, FR
[85] 2017-06-20
[86] 2015-12-22 (PCT/FR2015/053707)
[87] (WO2016/102880)
[30] FR (1463076) 2014-12-22

[21] **2,971,713**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01) B29B 17/02 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **PROCESS FOR RECYCLING DETERGENT POUCHES**
[54] **PROCEDE DE RECYCLAGE DE SACHETS DE DETERGENT**
[72] TURNBULL, NICHOLAS ALEXANDER, GB
[72] JUKES, PAUL, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-20
[86] 2015-12-18 (PCT/US2015/066550)
[87] (WO2016/106108)
[30] EP (14199782.5) 2014-12-22

[21] **2,971,721**
[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/4172 (2006.01) A61P 1/02 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITION**
[54] **COMPOSITION POUR SOINS BUCCAUX**
[72] CHEN, DANDAN, US
[72] TRIVEDI, HARSH, US
[72] HILLIARD, PETER R., JR., US
[72] MASTERS, JAMES, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-06-20
[86] 2015-12-17 (PCT/US2015/066318)
[87] (WO2016/106069)
[30] US (62/096,503) 2014-12-23

[21] **2,971,723**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01) B44C 3/02 (2006.01) C09J 5/06 (2006.01)**
[25] EN
[54] **FILM AND DECORATIVE FILM CAPABLE OF COVERING ARTICLE HAVING THREE-DIMENSIONAL SHAPE BY HEAT EXPANSION**
[54] **FILM ET FILM DECORATIF APTE A RECOUVRIR UN ARTICLE PRESENTANT UNE FORME EN TROIS DIMENSIONS PAR DILATATION THERMIQUE**
[72] TAKAMATSU, YORINOBU, JP
[72] NAKAYAMA, AKIHIKO, JP
[72] YASUDA, DAIGO, JP
[72] KAWAGOE, MINORI, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-20
[86] 2015-12-21 (PCT/US2015/067076)
[87] (WO2016/106207)
[30] JP (2014-261370) 2014-12-24

[21] **2,971,724**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01) B44C 3/02 (2006.01) C09J 5/06 (2006.01)**
[25] EN
[54] **DESIGN TRANSFER SHEET AND DECORATIVE FILM, AND METHOD FOR PRODUCING SAME**
[54] **FEUILLE DE TRANSFERT DE MOTIF ET FILM DECORATIF ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] YASUDA, DAIGO, JP
[72] TAKAMATSU, YORINOBU, JP
[72] KAWAGOE, MINORI, JP
[72] NAKAYAMA, AKIHIKO, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-20
[86] 2015-12-21 (PCT/US2015/067081)
[87] (WO2016/106208)
[30] JP (2014-261371) 2014-12-24

[21] **2,971,727**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61F 5/44 (2006.01) A61L 29/04 (2006.01)**
[25] EN
[54] **URINARY CATHETER ASSEMBLY AND METHOD**
[54] **ENSEMBLE CATHETER URINAIRE ET PROCEDE**
[72] NICKEL, ERIC, US
[71] UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2017-06-20
[86] 2015-12-21 (PCT/US2015/067164)
[87] (WO2016/106240)
[30] US (14/579,795) 2014-12-22

[21] **2,971,731**
[13] A1
[51] **Int.Cl. C08G 73/02 (2006.01) B29C 39/00 (2006.01) B29C 43/00 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **BENZOXAZINES AND COMPOSITIONS CONTAINING THE SAME**
[54] **BENZOXAZINES ET COMPOSITIONS EN CONTENANT**
[72] HARRIMAN, MARK EDWARD, GB
[72] CROSS, PAUL MARK, GB
[72] GUPTA, RAM B., US
[71] CYTEC INDUSTRIES INC., US
[85] 2017-06-20
[86] 2015-12-28 (PCT/US2015/067614)
[87] (WO2016/109399)
[30] US (62/097,280) 2014-12-29

[21] **2,971,734**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-PD-1 ANTIBODIES**
[54] **ANTICORPS ANTI-PD-1**
[72] AMIRINA, NAJMIA, US
[72] CHAMARTHI, HAREESH, US
[72] CHIU, MARIA ISABEL, US
[72] DOTY, DANIEL, US
[72] FENG, BIN, US
[72] JONCA, ALEKS, US
[72] MCQUADE, THOMAS, US
[72] NGUYEN, ANHCO, US
[72] RANGANATH, SHEILA, US
[72] SCHEUPLEIN, FELIX, US
[72] SPAULDING, VIKKI A., US
[72] WANG, LEI, US
[72] WATKINS-YOON, JENNIFER, US
[72] VADDE, SRI SAHITYA, US
[71] ENUMERAL BIOMEDICAL HOLDINGS, INC., US
[85] 2017-06-20
[86] 2015-12-19 (PCT/US2015/066954)
[87] (WO2016/106159)
[30] US (62/095,675) 2014-12-22
[30] US (62/220,199) 2015-09-17
[30] US (62/251,082) 2015-11-04
[30] US (62/261,118) 2015-11-30

[21] **2,971,743**
[13] A1
[51] **Int.Cl. F16F 1/373 (2006.01) B60G 11/54 (2006.01) B60G 13/00 (2006.01) F16F 1/371 (2006.01) F16F 1/376 (2006.01) F16F 9/58 (2006.01)**
[25] EN
[54] **JOUNCE BUMPER**
[54] **BUTEE ANTICHOC**
[72] SZEKELY, PETER LASZLO, FR
[72] MORRIS, BRYAN, CH
[72] THOMASSON, SEBASTIEN, CH
[71] E.I.DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-06-20
[86] 2016-02-11 (PCT/US2016/017530)
[87] (WO2016/133780)
[30] US (62/117,563) 2015-02-18

[21] **2,971,775**
[13] A1
[51] **Int.Cl. A61B 5/046 (2006.01) A61B 5/04 (2006.01)**
[25] FR
[54] **REGIONAL HIGH-DENSITY MAPPING OF THE ATRIAL FIBRILLATION SUBSTRATE**
[54] **CARTOGRAPHIE REGIONALE HAUTE DENSITE DU SUBSTRAT DE LA FIBRILLATION ATRIALE**
[72] BARS, CLEMENT, FR
[72] SEITZ, JULIEN, FR
[71] BARS, CLEMENT, FR
[71] SEITZ, JULIEN, FR
[71] THEODORE, GUILLAUME, FR
[85] 2017-06-21
[86] 2015-12-23 (PCT/EP2015/081193)
[87] (WO2016/102685)
[30] FR (14 63232) 2014-12-23

[21] **2,971,788**
[13] A1
[51] **Int.Cl. B22F 7/06 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION**
[72] FRANCIS, MARK, GB
[72] JORDAN, RICHARD, GB
[72] BARNES, MICHAEL, GB
[71] NOV DOWNHOLE EURASIA LIMITED, GB
[85] 2017-06-21
[86] 2015-12-18 (PCT/GB2015/054073)
[87] (WO2016/102936)
[30] GB (1422920.7) 2014-12-22

[21] **2,971,800**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/08 (2006.01) A61K 47/20 (2006.01) A61P 17/06 (2006.01) A61P 37/06 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL PRODUCTS AND STABLE LIQUID COMPOSITIONS OF IL-17 ANTIBODIES**
[54] **PRODUITS PHARMACEUTIQUES ET COMPOSITIONS LIQUIDES STABLES D'ANTICORPS CIBLANT L'IL-17**
[72] JOERG, SUSANNE, CH
[72] SERNO-SCHERSCH, KATHRIN, CH
[71] NOVARTIS AG, CH
[85] 2017-06-21
[86] 2015-12-21 (PCT/IB2015/059836)
[87] (WO2016/103153)
[30] US (62/095,210) 2014-12-22

[21] **2,971,842**
[13] A1
[51] **Int.Cl. B23K 26/26 (2014.01) C04B 41/00 (2006.01) C21D 1/34 (2006.01)**
[25] EN
[54] **INLINE LASER-BASED SYSTEM AND METHOD FOR THERMAL TREATMENT OF CONTINUOUS PRODUCTS**
[54] **SYSTEME EN LIGNE A BASE D'UN LASER ET PROCEDE DE TRAITEMENT THERMIQUE DE PRODUITS CONTINUS**
[72] TECCO, DORIVAL GONCALVES, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-21
[86] 2015-01-09 (PCT/US2015/010923)
[87] (WO2016/111705)

[21] **2,971,854**
[13] A1
[51] **Int.Cl. C09J 131/04 (2006.01) C09D 5/34 (2006.01) C09J 11/04 (2006.01) C09J 129/04 (2006.01) E04F 13/02 (2006.01) E04F 21/165 (2006.01)**
[25] EN
[54] **JOINT FINISHING ADHESIVE**
[54] **ADHESIF DE FINITION DE JOINTS**
[72] NEGRI, ROBERT H., US
[72] LI, DONGHONG, US
[72] BURY, RAFAEL, US
[71] UNITES STATES GYPSUM COMPANY, US
[85] 2017-06-21
[86] 2015-12-08 (PCT/US2015/064374)
[87] (WO2016/105925)
[30] US (62/096,758) 2014-12-24
[30] US (14/840,288) 2015-08-31

[21] **2,971,873**
[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **WORK PLATFORM WITH PROTECTION AGAINST SUSTAINED INVOLUNTARY OPERATION**
[54] **PLATE-FORME DE TRAVAIL AYANT UNE PROTECTION CONTRE UNE OPERATION INVOLONTAIRE SOUTENUE**
[72] HAO, JI HONG, US
[72] PUSZKIEWICZ, IGNACY, US
[72] MOCK, BRYAN SCOTT, US
[72] BOOHER, TODD S., US
[72] GREENBERGER, DOROTHY GATES, US
[71] JLG INDUSTRIES, INC., US
[85] 2017-06-21
[86] 2016-01-25 (PCT/US2016/014692)
[87] (WO2016/123005)
[30] US (14/610,996) 2015-01-30

[21] **2,971,876**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) A61K 35/00 (2006.01) A61K 35/74 (2015.01) A61K 38/19 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 15/63 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PROBIOTIC ORGANISMS FOR DIAGNOSIS, MONITORING, AND TREATMENT OF INFLAMMATORY BOWEL DISEASE**
[54] **ORGANISMES PROBIOTIQUES POUR LE DIAGNOSTIC, LA SURVEILLANCE ET LE TRAITEMENT DE LA MALADIE INTESTINALE INFLAMMATOIRE**
[72] LU, TIMOTHY KUAN-TA, US
[72] RUBENS, JACOB ROSENBLUM, US
[72] MUELLER, ISAAK ELIS, US
[72] SELVAGGIO, GIANLUCA, IT
[72] MILLER, PAUL, US
[72] FALB, DEAN, US
[72] ISABELLA, VINCENT, US
[72] KOTULA, JONATHAN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] SYNLOGIC, INC., US
[85] 2017-06-21
[86] 2015-12-22 (PCT/US2015/067435)
[87] (WO2016/106343)
[30] US (62/095,415) 2014-12-22

[21] **2,971,933**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C12N 1/20 (2006.01) C12N 15/00 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **METHOD OF CULTURING SEGMENTED FILAMENTOUS BACTERIA IN VITRO**
[54] **PROCEDE DE CULTURE IN VITRO DE BACTERIES FILAMENTEUSES SEGMENTEES**
[72] EBERL, GERARD, FR
[72] BIKARD, DAVID, FR
[72] SCHNUPF, PAMELA, FR
[72] CERF BENSUSSAN, NADINE, FR
[72] GABORIAU-ROUTHIAU, VALERIE, FR
[72] SANSONETTI, PHILIPPE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] INSTITUT PASTEUR, FR
[71] FONDATION IMAGINE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[85] 2017-06-20
[86] 2015-12-23 (PCT/IB2015/059948)
[87] (WO2016/103217)
[30] IB (PCT/IB2014/067285) 2014-12-23

[21] **2,971,965**
[13] A1
[51] **Int.Cl. A47L 13/10 (2006.01) A47L 11/10 (2006.01) A47L 13/58 (2006.01)**
[25] EN
[54] **CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE**
[72] YOUNG, RONALD ALEXANDER (SCOT), GB
[71] YOUNG, RONALD ALEXANDER (SCOT), GB
[85] 2017-06-22
[86] 2015-10-06 (PCT/GB2015/052922)
[87] (WO2016/102912)
[30] GB (1423153.4) 2014-12-23

[21] **2,971,969**
[13] A1
[51] **Int.Cl. C09D 175/04 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **TWO-COMPONENT COATING COMPOSITIONS AND COATINGS PRODUCED THEREFROM FOR IMPROVING EROSION RESISTANCE**
[54] **COMPOSITIONS DE REVETEMENT BICOMPOSANT ET REVETEMENT DESTINES A L'AMELIORATION DE LA RESISTANCE A L'EROSION REALISES A PARTIR DE CES COMPOSITIONS**
[72] SEEGER, DIRK, DE
[72] MULLER, HARALD, DE
[72] MEYERJURGENS, ANDREAS, DE
[71] BASF COATINGS GMBH, DE
[85] 2017-06-22
[86] 2016-01-14 (PCT/EP2016/050654)
[87] (WO2016/128166)
[30] EP (15154441.8) 2015-02-10

[21] **2,971,981**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A23L 7/104 (2016.01) A23L 11/00 (2016.01) A01N 63/00 (2006.01) A01P 21/00 (2006.01) A23B 9/28 (2006.01) A23L 3/3571 (2006.01)**
[25] FR
[54] **NOVEL STRAIN OF LACTOBACILLUS PLANTARUM**
[54] **NOUVELLE SOUCHE DE LACTOBACILLUS PLANTARUM**
[72] GOYON, ANNABELLE, FR
[71] SEB SA, FR
[85] 2017-06-22
[86] 2015-12-18 (PCT/FR2015/053642)
[87] (WO2016/102853)
[30] FR (14 63068) 2014-12-22

[21] **2,971,984**
[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01)**
[25] FR
[54] **COOKING APPARATUS WITH CUSHIONED PANEL**
[54] **APPAREIL DE CUISSON A PANNEAU AMORTI**
[72] VOLATIER, SEBASTIEN, FR
[72] GOYON, ANNABELLE, FR
[71] SEB S.A., FR
[85] 2017-06-22
[86] 2016-01-05 (PCT/FR2016/050008)
[87] (WO2016/110639)
[30] FR (1550068) 2015-01-06

[21] **2,971,988**
[13] A1
[51] **Int.Cl. F23R 3/52 (2006.01) F02C 7/22 (2006.01) F23R 3/38 (2006.01)**
[25] FR
[54] **TURBINE ENGINE COMBUSTION ASSEMBLY**
[54] **ENSEMBLE DE COMBUSTION DE TURBOMACHINE**
[72] HERNANDEZ, LORENZO HUACAN, FR
[72] SAVARY, NICOLAS, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2017-06-22
[86] 2016-01-12 (PCT/FR2016/050047)
[87] (WO2016/113495)
[30] FR (1550314) 2015-01-15

[21] **2,971,999**
[13] A1
[51] **Int.Cl. F25D 23/06 (2006.01) F25D 23/02 (2006.01)**
[25] EN
[54] **REFRIGERATOR AND VACUUM INSULATION MODULE THEREOF**
[54] **REFRIGERATEUR ET SON MODULE D'ISOLATION SOUS VIDE**
[72] JEONG, HYUN KU, KR
[72] KIM, DAE HWAN, KR
[72] JANG, CHOONG HYO, KR
[72] KUK, KEON, KR
[72] KIM, JUN O, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-06-22
[86] 2015-12-16 (PCT/KR2015/013808)
[87] (WO2016/105019)
[30] KR (10-2014-0190409) 2014-12-26

[21] **2,972,022**
[13] A1
[51] **Int.Cl. B60T 13/66 (2006.01) B60T 15/04 (2006.01) B60T 17/22 (2006.01)**
[25] EN
[54] **INTEGRATED SYSTEM FOR A POWERED HANDBRAKE ON A LOCOMOTIVE**
[54] **SYSTEME INTEGRE POUR UN FREIN A MAIN ASSISTE SUR UNE LOCOMOTIVE**
[72] WRIGHT, ERIC C., US
[72] CONNELL, JASON, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-06-22
[86] 2015-12-10 (PCT/US2015/064885)
[87] (WO2016/114870)
[30] US (14/596,620) 2015-01-14

[21] **2,972,026**
[13] A1
[51] **Int.Cl. C23F 11/14 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **CORROSION INHIBITOR COMPOSITIONS FOR ACIDIZING TREATMENTS**
[54] **COMPOSITIONS D'INHIBITEURS DE CORROSION POUR TRAITEMENTS D'ACIDIFICATION**
[72] JANAK, KEVIN E., US
[72] KOPECKY, SARAH, US
[71] LONZA INC., US
[85] 2017-06-22
[86] 2015-12-14 (PCT/US2015/065536)
[87] (WO2016/105996)
[30] US (62/095,440) 2014-12-22

[21] **2,972,028**
[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **EFFICIENT AND STABLE ABSORBING BOUNDARY CONDITION IN FINITE-DIFFERENCE CALCULATIONS**
[54] **CONDITION DE LIMITE D'ABSORPTION EFFICACE ET STABLE DANS DES CALCULS A DIFFERENCE FINIE**
[72] BRYTIK, VALERIY, US
[72] SHAW, JASON, US
[72] JING, CHARLIE, US
[72] ZHAO, HONG, US
[72] ANDERSON, JOHN E., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-06-22
[86] 2015-12-15 (PCT/US2015/065661)
[87] (WO2016/130208)
[30] US (62/115,938) 2015-02-13

[21] **2,972,033**
[13] A1
[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **MULTISTAGE FULL WAVEFIELD INVERSION PROCESS THAT GENERATES A MULTIPLE FREE DATA SET**
[54] **PROCEDE D'INVERSION DE CHAMP D'ONDES COMPLET A PLUSIEURS ETAGES QUI GENERE UN ENSEMBLE DE DONNEES SANS MULTIPLES**
[72] VDOVINA, TETYANA, US
[72] BANSAL, REESHIDEV, US
[72] BAUMSTEIN, ANATOLY, US
[72] TANG, YAXUN, US
[72] YANG, DI, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-06-22
[86] 2015-10-26 (PCT/US2015/057292)
[87] (WO2016/133561)
[30] US (62/117,227) 2015-02-17

[21] **2,972,037**
[13] A1
[51] **Int.Cl. A23G 1/32 (2006.01) A23L 29/10 (2016.01) A23L 35/00 (2016.01) A23P 20/10 (2016.01) A23D 7/01 (2006.01) A23G 1/36 (2006.01) A23G 1/38 (2006.01) A23G 9/32 (2006.01) A23G 9/48 (2006.01) A23G 9/50 (2006.01) A23G 9/52 (2006.01)**
[25] EN
[54] **EMULSION AND PROCESS FOR MAKING SAME**
[54] **EMULSION ET SON PROCEDE DE PREPARATION**
[72] DECLERCQ, FABIEN, FR
[72] DE PAEPE, JEROEN, BE
[71] CARGILL, INCORPORATED, US
[85] 2017-06-22
[86] 2015-12-22 (PCT/US2015/067278)
[87] (WO2016/106282)
[30] EP (14200146.0) 2014-12-23

[21] **2,972,057**
[13] A1
[51] **Int.Cl. C12M 1/22 (2006.01) C12N 5/071 (2010.01) B01L 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/32 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **DEVICES FOR HIGH-THROUGHPUT AGGREGATION AND MANIPULATION OF MAMMALIAN CELLS**
[54] **DISPOSITIFS D'AGREGATION A HAUT RENDEMENT ET DE MANIPULATION DE CELLULES MAMMALIENNES**
[72] HOHNEL, SYLKE, CH
[72] BRANDENBERG, NATHALIE, CH
[72] LUTOLF, MATTHIAS, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2017-06-22
[86] 2014-12-22 (PCT/IB2014/067242)
[87] (WO2016/103002)

[21] **2,972,118**
[13] A1
[51] **Int.Cl. F28F 13/12 (2006.01) F24F 3/147 (2006.01) F24F 12/00 (2006.01) F28D 9/00 (2006.01) F28D 21/00 (2006.01) F28F 3/04 (2006.01) F28F 9/02 (2006.01)**
[25] EN
[54] **ENTHALPY HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR ENTHALPIQUE**
[72] CHLUP, JAROSLAV, CZ
[72] HAZUKA, FILIP, CZ
[72] DVORAK, VACLAV, CZ
[72] VIT, TOMAS, CZ
[71] RECUTECH S.R.O., CZ
[71] TECHNICKA UNIVERZITA V LIBERCI, CZ
[85] 2017-06-23
[86] 2015-12-21 (PCT/CZ2015/000153)
[87] (WO2016/101939)
[30] CZ (PV 2014-956) 2014-12-23

[21] **2,972,120**
[13] A1
[51] **Int.Cl. G01R 15/18 (2006.01) H01R 13/514 (2006.01) H01R 13/66 (2006.01)**
[25] EN
[54] **SENSOR MODULE OF A MODULAR PLUG CONNECTOR**
[54] **MODULE DETECTEUR D'UN CONNECTEUR ENFICHABLE MODULAIRE**
[72] TROGER, LUTZ, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
[85] 2017-06-23
[86] 2016-03-23 (PCT/DE2016/100137)
[87] (WO2016/155702)
[30] DE (10 2015 104 838.8) 2015-03-30

[21] **2,972,149**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR PARAMETERIZING A 3D DOMAIN WITH DISCONTINUITIES**
[54] **PROCEDE DE PARAMETRAGE D'UN DOMAINE TRIDIMENSIONNEL AYANT DES DISCONTINUITES**
[72] KARTASHEVA, ELENA, US
[72] KUBYAK, VALERIY, US
[72] SHMYROV, VALERIY, US
[72] KANDYBOR, DMITRY B., US
[72] LOMOKHOVA, ANASTASIA, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-06-22
[86] 2016-01-29 (PCT/US2016/015510)
[87] (WO2016/137656)
[30] US (62/120,653) 2015-02-25

[21] **2,972,155**
[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) B33Y 50/00 (2015.01) B29C 67/00 (2017.01) G01J 5/00 (2006.01) G01N 15/10 (2006.01) G06T 7/00 (2017.01) G01N 21/95 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MODELLING ADDITIVELY MANUFACTURED BODIES**
[54] **SYSTEMES ET PROCEDES DE MODELISATION DE CORPS FABRIQUES DE MANIERE ADDITIVE**
[72] HUANG, WEI, US
[72] GLOBIG, MICHAEL A., US
[72] SIEMON, JOHN T., US
[72] SPEER, ROBERT J., US
[71] ARCONIC INC., US
[85] 2017-06-22
[86] 2016-01-29 (PCT/US2016/015777)
[87] (WO2016/123549)
[30] US (62/109,411) 2015-01-29

[21] **2,972,166**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 40/06 (2012.01)**
[25] FR
[54] **METHOD FOR DISTRIBUTING SECURITIES SUCH AS SHARES OR BONDS, IN PARTICULAR OF COMPANIES SEEKING FUNDING, AND SYSTEM FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE DE DISTRIBUTION DE TITRES DE VALEURS TELS QUE DES ACTIONS OU OBLIGATIONS, NOTAMMENT D'ENTREPRISES EN RECHERCHE DE FINANCEMENT ET UN SYSTEME POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] AZOULAY, ALEXANDRE, FR
[72] STEWART, AUDREY, FR
[71] BOXCORP SA, LU
[85] 2017-06-23
[86] 2015-02-05 (PCT/FR2015/050274)
[87] (WO2016/102788)
[30] FR (1463271) 2014-12-23

[21] **2,972,168**
[13] A1
[51] **Int.Cl. C04B 35/80 (2006.01) D03D 15/00 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A REFRACTORY PART MADE OF COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UNE PIECE REFRACTAIRE EN MATERIAU COMPOSITE**
[72] PODGORSKI, MICHAEL, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] MOLLIEX, LUDOVIC EDMOND CAMILLE, FR
[72] BILLOTTE CABRE, CATHERINE, CA
[72] RUIZ, EDU, CA
[72] TURENNE, SYLVAIN, CA
[71] SAFRAN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-06-23
[86] 2015-12-18 (PCT/FR2015/053618)
[87] (WO2016/102837)
[30] FR (1463281) 2014-12-23

[21] **2,972,172**
[13] A1
[51] **Int.Cl. C04B 35/80 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING PART MADE OF COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE**
[72] PODGORSKI, MICHAEL, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] MOLLIEX, LUDOVIC EDMOND CAMILLE, FR
[72] BILLOTTE CABRE, CATHERINE, CA
[72] RUIZ, EDU, CA
[72] TURENNE, SYLVAIN, CA
[71] SAFRAN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-06-23
[86] 2015-12-18 (PCT/FR2015/053626)
[87] (WO2016/102842)
[30] FR (1463284) 2014-12-23

[21] **2,972,180**
[13] A1
[51] **Int.Cl. H01M 10/0567 (2010.01) H01M 10/058 (2010.01)**
[25] EN
[54] **NONAQUEOUS ELECTROLYTE SECONDARY BATTERY, BATTERY ASSEMBLY, AND METHOD OF MANUFACTURING THE SAME**
[54] **BATTERIE RECHARGEABLE A ELECTROLYTE NON AQUEUX, ENSEMBLE BATTERIE, ET SON PROCEDE DE FABRICATION**
[72] TAKAHATA, KOJI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2017-06-23
[86] 2015-12-23 (PCT/IB2015/002413)
[87] (WO2016/103023)
[30] JP (2014-266674) 2014-12-26

[21] **2,972,182**
[13] A1
[51] **Int.Cl. C09K 5/10 (2006.01) C09K 5/20 (2006.01)**
[25] EN
[54] **COOLANT COMPOSITION, METHOD OF OPERATING INTERNAL COMBUSTION ENGINE USING THE SAME, AND USE OF THE SAME**
[54] **COMPOSITION DE LIQUIDE DE REFROIDISSEMENT, PROCEDE DE FONCTIONNEMENT DE MOTEUR A COMBUSTION INTERNE L'UTILISANT ET SON UTILISATION**
[72] KODAMA, YASUAKI, JP
[72] MIYAJIMA, KAZUHIRO, JP
[72] MAKINO, RYOTA, JP
[72] KAMENOUE, SHOGO, JP
[72] OGURA, SHINICHI, JP
[72] YAEDA, KAZUHITO, JP
[72] YOSHII, YOICHIRO, JP
[72] NAKANO, TOMOYUKI, JP
[72] NAGASAWA, MASAYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] KAO CORPORATION, JP
[71] JAPAN CHEMICAL INDUSTRIES CO., LTD., JP
[85] 2017-06-23
[86] 2015-12-23 (PCT/IB2015/002507)
[87] (WO2016/103027)
[30] JP (2014-265468) 2014-12-26

[21] **2,972,185**
[13] A1
[51] **Int.Cl. F16C 35/063 (2006.01) C23C 2/00 (2006.01) F16C 13/02 (2006.01) F16C 33/02 (2006.01) F16C 35/02 (2006.01) F16C 43/02 (2006.01)**
[25] EN
[54] **THRUST BEARING AND CLAMP IN ROLL JOURNAL ASSEMBLY**
[54] **PINCE ET PALIER DE BUTEE DANS UN ENSEMBLE TOURILLON DE CYLINDRE**
[72] MCDOUGALL, CARL, CA
[72] TAIT, TERRY, CA
[71] ARCELORMITTAL S.A., LU
[85] 2017-06-23
[86] 2015-12-28 (PCT/IB2015/002580)
[87] (WO2016/103044)
[30] US (62/096,213) 2014-12-23

[21] **2,972,232**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) B29D 7/01 (2006.01) B32B 3/30 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **HAND TEARABLE SHEETS AND METHOD FOR MANUFACTURING SAME**
[54] **FEUILLES DECHIRABLES MANUELLEMENT ET LEUR PROCEDE DE FABRICATION**
[72] HAGER, PATRICK J., US
[72] STROBEL, MARK A., US
[72] GETSCHEL, JOEL A., US
[72] WANG, SHUJUN J., US
[72] MOUGHTON, ADAM O., US
[72] CHANDRASEKARAN, NEELAKANDAN, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-23
[86] 2015-12-23 (PCT/US2015/000231)
[87] (WO2016/105501)
[30] US (62/096,259) 2014-12-23

[21] **2,972,245**
[13] A1
[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **REAL-TIME INFILL IN MARINE SEISMIC SURVEYS USING AN INDEPENDENT SEISMIC SOURCE**
[54] **REMPLISSAGE EN TEMPS REEL DANS DES ETUDES SISMIQUES MARINES A L'AIDE D'UNE SOURCE SISMIQUE INDEPENDANTE**
[72] BERNITSAS, NIKOLAOS, US
[72] BROOKES, DAVID JAMES, US
[72] RIDYARD, DAVID, US
[72] ALLINSON, DOUGLAS F., US
[71] ION GEOPHYSICAL CORPORATION, US
[85] 2017-06-23
[86] 2015-12-23 (PCT/US2015/000490)
[87] (WO2016/105576)
[30] US (62/096,382) 2014-12-23
[30] US (14/977,791) 2015-12-22

[21] **2,972,348**
[13] A1
[51] **Int.Cl. B64B 1/40 (2006.01) B64B 1/42 (2006.01) B64D 1/02 (2006.01) G08G 5/04 (2006.01)**
[25] EN
[54] **BREAKING APART A PLATFORM UPON PENDING COLLISION**
[54] **SEPARATION DE PLATE-FORME EN CAS DE COLLISION IMMINENTE**
[72] KNOBLACH, GERALD MARK, US
[72] FRISCHE, ERIC A., US
[71] SPACE DATA CORPORATION, US
[85] 2017-06-27
[86] 2015-12-23 (PCT/US2015/000278)
[87] (WO2016/105522)
[30] US (62/096,751) 2014-12-24

[21] **2,972,402**
[13] A1
[51] **Int.Cl. B81B 7/02 (2006.01) E21B 33/13 (2006.01) E21B 47/12 (2012.01) G06K 19/07 (2006.01)**
[25] EN
[54] **GEOMETRIC SHAPING OF RADIO-FREQUENCY TAGS USED IN WELLBORE CEMENTING OPERATIONS**
[54] **MISE EN FORME GEOMETRIQUE D'ETIQUETTES RADIOFREQUENCE UTILISEES DANS DES OPERATIONS DE CIMENTATION DE PUITS DE FORAGE**
[72] RAVI, KRISHNA M., US
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-27
[86] 2015-03-16 (PCT/US2015/020732)
[87] (WO2016/148683)

[21] **2,972,425**
[13] A1
[51] **Int.Cl. G06K 19/07 (2006.01)**
[25] EN
[54] **PASSIVE RFID TAGS WITH INTEGRATED CIRCUITS USING SUB-THRESHOLD TECHNOLOGY**
[54] **ETIQUETTES D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) PASSIVES AYANT DES CIRCUITS INTEGRES UTILISANT UNE TECHNOLOGIE DE SOUS-SEUIL**
[72] PATTERSON, HUBERT A., US
[72] SEQUEIRA, MELWYN F., US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2017-06-27
[86] 2015-12-02 (PCT/US2015/063526)
[87] (WO2016/090043)
[30] US (62/086,241) 2014-12-02

[21] **2,972,429**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **DUAL LEVEL HUMAN IDENTIFICATION AND LOCATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION ET DE LOCALISATION DE PERSONNES A DOUBLE NIVEAU**
[72] STRULOVITCH, TSAHI ZACK, US
[72] COPELAND, RICHARD LOYD, US
[72] SEQUEIRA, MELWYN F., US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2017-06-27
[86] 2015-12-02 (PCT/US2015/063542)
[87] (WO2016/090053)
[30] US (62/086,241) 2014-12-02
[30] US (14/558,796) 2014-12-03
[30] US (62/205,953) 2015-08-17

[21] **2,972,451**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/26 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREDICTION OF A DESTINATION AND MOVEMENT OF A PERSON OF INTEREST**
[54] **PROCEDE ET APPAREIL POUR LA PREDICTION D'UNE DESTINATION ET D'UN DEPLACEMENT D'UNE PERSONNE D'INTERET**
[72] AGULNIK, ANATOLY, US
[72] COSTA, FABIO M., US
[72] DOUROS, KENNETH A., US
[72] KING, MELANIE A., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-06-27
[86] 2015-12-11 (PCT/US2015/065292)
[87] (WO2016/109159)
[30] US (14/587,020) 2014-12-31

[21] **2,972,478**
[13] A1
[51] **Int.Cl. G01S 13/74 (2006.01) B62B 3/14 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS WITH BURIED ANTENNAS FOR BI-DIRECTIONAL COMMUNICATION WITH WHEELED VEHICLES**
[54] **SYSTEMES A ANTENNES ENTERREES A DES FINS DE COMMUNICATION BIDIRECTIONNELLE AVEC DES VEHICULES A ROUES**
[72] HANNAH, STEPHEN E., US
[72] JAMES, JESSE M., US
[71] GATEKEEPER SYSTEMS, INC., US
[85] 2017-06-27
[86] 2016-01-08 (PCT/US2016/012596)
[87] (WO2016/114986)
[30] US (62/102,766) 2015-01-13

[21] **2,972,496**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **OUT-OF-BAND BIOMETRIC ENROLLMENT AND VERIFICATION USING INTERACTIVE MESSAGING**
[54] **INSCRIPTION BIOMETRIQUE HORS BANDE ET VERIFICATION EN UTILISANT LA MESSAGERIE INTERACTIVE**
[72] HARDING, DAVID, US
[71] IMAGEWARE SYSTEMS, INC., US
[85] 2017-06-27
[86] 2015-12-31 (PCT/US2015/068309)
[87] (WO2016/114937)
[30] US (62/099,106) 2014-12-31
[30] US (62/099,107) 2014-12-31

[21] **2,972,499**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IDENTIFYING SOURCES OF TAX-RELATED INFORMATION TO FACILITATE TAX RETURN PREPARATION**
[54] **PROCEDE ET SYSTEME POUR IDENTIFIER DES SOURCES D'INFORMATIONS RELATIVES A L'IMPOT AFIN DE FACILITER LA PREPARATION D'UNE DECLARATION DE REVENUS**
[72] GOLDMAN, JONATHAN R., US
[72] MASCARO, MASSIMO, US
[72] CABRERA, LUIS FELIPE, US
[72] LAASER, WILLIAM T., US
[71] INTUIT INC., US
[85] 2017-06-27
[86] 2016-01-27 (PCT/US2016/015050)
[87] (WO2016/123178)
[30] US (14/607,763) 2015-01-28

[21] **2,972,621**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **LULL MANAGEMENT FOR CONTENT DELIVERY**
[54] **GESTION CALME DE LIVRAISON DE CONTENU**
[72] TEIXEIRA, JOHN MICHAEL, US
[72] DOERRING, NICHOLAS DANIEL, US
[72] STAUNTON-LAMBERT, KEVIN, US
[72] SZYMANSKI, STEVEN J., US
[71] OPENTV, INC., US
[85] 2017-06-28
[86] 2015-12-08 (PCT/US2015/064541)
[87] (WO2016/109131)
[30] US (14/588,224) 2014-12-31

[21] **2,972,761**
[13] A1
[51] **Int.Cl. E21B 33/038 (2006.01) F16L 25/00 (2006.01) F16L 37/15 (2006.01)**
[25] EN
[54] **CONNECTOR SYSTEM**
[54] **SYSTEME DE RACCORD**
[72] NGUYEN, DENNIS P., US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2017-06-29
[86] 2015-12-09 (PCT/US2015/064831)
[87] (WO2016/109143)
[30] US (14/587,912) 2014-12-31

[21] **2,973,046**
[13] A1
[51] **Int.Cl. E04G 9/10 (2006.01) E04G 11/06 (2006.01)**
[25] EN
[54] **ATTACHMENT FOR A FORMWORK AND FORMWORK HAVING AN ATTACHMENT**
[54] **ELEMENT RAPPORTE POUR COFFRAGE ET COFFRAGE MUNI D'UN ELEMENT RAPPORTE**
[72] SCHNEIDER, WERNER, DE
[72] RENZ, BERND, DE
[71] PERI GMBH, DE
[85] 2017-07-05
[86] 2016-02-15 (PCT/EP2016/053112)
[87] (WO2016/131746)
[30] DE (10 2015 202 933.6) 2015-02-18

[21] **2,973,051**
[13] A1
[51] **Int.Cl. B26F 1/26 (2006.01) B23Q 1/44 (2006.01) B26D 1/02 (2006.01) B26F 3/00 (2006.01)**
[25] FR
[54] **WATERJET CUTTING MACHINE COMPRISING A DEVICE FOR MOVING A PLATE IN A PLANE**
[54] **MACHINE DE DECOUPE PAR JET D'EAU COMPRENANT UN DISPOSITIF DE DEPLACEMENT D'UN PLATEAU DANS UN PLAN**
[72] DEREIMS, PHILIPPE, FR
[71] HYDROPROCESS, FR
[85] 2017-07-05
[86] 2015-12-23 (PCT/FR2015/053749)
[87] (WO2016/116675)
[30] FR (1550521) 2015-01-22

[21] **2,973,062**
[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/80 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SELECTION OF PROPPING AGENT FOR HETEROGENEOUS PROPPANT PLACEMENT APPLICATIONS**
[54] **SELECTION D'AGENT DE SOUTENEMENT POUR APPLICATIONS DE MISE EN PLACE D'AGENT DE SOUTENEMENT HETEROGENE**
[72] MEDVEDEV, OLEG, CA
[72] MEDVEDEV, ANATOLY VLADIMIROVICH, RU
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-05
[86] 2015-12-08 (PCT/US2015/064372)
[87] (WO2016/111791)
[30] US (14/592,527) 2015-01-08

[21] **2,973,169**
[13] A1
[51] **Int.Cl. G09F 19/12 (2006.01) B62J 6/20 (2006.01) G09F 9/33 (2006.01) G09F 21/04 (2006.01) G09G 3/00 (2006.01)**
[25] EN
[54] **DISPLAY APPARATUS**
[54] **APPAREIL D'AFFICHAGE**
[72] CHYKEYUK, KIRYL, GB
[72] MALINOUSKI, DZMITRY, GB
[72] STAVENKA, ARTSIOM, GB
[71] KINO-MO LTD, GB
[85] 2017-07-06
[86] 2015-03-20 (PCT/GB2015/050843)
[87] (WO2015/140578)
[30] GB (1405107.2) 2014-03-21
[30] GB (1421609.7) 2014-12-04

[21] **2,973,338**
[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) E05B 15/00 (2006.01) E05B 65/00 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR A CONTAINER**
[54] **DISPOSITIF DE VERROUILLAGE POUR UN CONTENEUR**
[72] REEB, DAVID L., US
[72] MARTIN, JAMES L., II, US
[71] SERIO-US INDUSTRIES, INC., US
[85] 2017-07-07
[86] 2015-12-09 (PCT/US2015/064639)
[87] (WO2016/094487)
[30] US (62/089,599) 2014-12-09
[30] US (62/104,303) 2015-01-16

[21] **2,973,384**
[13] A1
[51] **Int.Cl. B65G 63/00 (2006.01) B65G 63/04 (2006.01) B66C 19/00 (2006.01)**
[25] EN
[54] **METHOD AND CONTAINER TRANSFER INSTALLATION FOR PLACING CONTAINERS INTO AND REMOVING CONTAINERS FROM CONTAINER STORAGE AREAS**
[54] **PROCEDE ET INSTALLATION DE TRANSBORDEMENT DE CONTENEURS SERVANT METTRE EN STOCK ET A RETIRER DU STOCK DES CONTENEURS DANS DES ENTREPOTS DE CONTENEURS**
[72] HEIDE, CARSTEN, DE
[72] BRUCK, VOLKER, DE
[72] BANNERT, MICHEL, DE
[71] AMOVA GMBH, DE
[85] 2017-07-10
[86] 2015-04-14 (PCT/EP2015/058094)
[87] (WO2016/165748)

[21] **2,973,435**
[13] A1
[51] **Int.Cl. A01G 9/00 (2006.01) A01G 9/24 (2006.01) F21S 11/00 (2006.01)**
[25] EN
[54] **ILLUMINATION FOR HORTICULTURAL AND OTHER APPLICATIONS.**
[54] **ECLAIRAGE POUR L'HORTICULTURE ET D'AUTRES APPLICATIONS.**
[72] BOYDE, TOM ROBIN CAINE, GB
[71] BOYDE, TOM ROBIN CAINE, GB
[85] 2017-07-10
[86] 2015-12-21 (PCT/GB2015/054102)
[87] (WO2016/110669)
[30] GB (PCT/GB2015/000005) 2015-01-09

[21] **2,973,503**
[13] A1
[51] **Int.Cl. A01M 25/00 (2006.01) E02D 29/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR HOLDING BAIT, IN PARTICULAR FOR BAIT FOR RODENTS**
[54] **DISPOSITIF DE SUPPORT POUR APPAT, NOTAMMENT APPAT DE RONGEURS**
[72] BITTLINGER, WOLFGANG, DE
[72] BUCHSTALLER, JURGEN, DE
[71] BITTLINGER, WOLFGANG, DE
[71] BUCHSTALLER, JURGEN, DE
[85] 2017-07-11
[86] 2015-02-18 (PCT/DE2015/000073)
[87] (WO2016/116079)
[30] DE (10 2015 000 348.8) 2015-01-19

[21] **2,973,599**
[13] A1
[51] **Int.Cl. B65G 15/32 (2006.01) B29C 45/26 (2006.01) B29D 29/06 (2006.01) B65G 15/30 (2006.01) B65G 17/06 (2006.01) B65G 17/40 (2006.01)**
[25] EN
[54] **CONVEYOR BELT MODULE WITH STEPPED HINGE PASSAGEWAY**
[54] **MODULE DE COURROIE TRANSPORTEUSE POURVU D'UN PASSAGE D'ARTICULATION EN GRANDINS**
[72] MACLACHLAN, GILBERT J., US
[71] LAITRAM, L.L.C., US
[85] 2017-07-11
[86] 2016-02-01 (PCT/US2016/015896)
[87] (WO2016/126577)
[30] US (62/112,486) 2015-02-05

[21] **2,973,796**
[13] A1
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 53/22 (2006.01) B01D 69/02 (2006.01) B01D 69/08 (2006.01) B01D 71/02 (2006.01)**
[25] EN
[54] **COMPOSITE CARBON MOLECULAR SIEVE MEMBRANES HAVING ANTI-SUBSTRUCTURE COLLAPSE PARTICLES LOADED IN A CORE THEREOF**
[54] **MEMBRANES DE TAMIS MOLECULAIRE DE CARBONE COMPOSITE AYANT DES PARTICULES ANTI-AFFAISSEMENT DE SOUS-STRUCTURE CHARGEES DANS UN NOYAU DE CELUI-CI**
[72] KRATZER, DEAN W., US
[72] KOSURI, MADHAVA R., US
[72] MA, CANGHAI, US
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-05-30
[86] 2015-11-24 (PCT/US2015/062406)
[87] (WO2016/085974)
[30] US (62/085,625) 2014-11-30
[30] US (14/827,064) 2015-08-14

[21] **2,973,828**
[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/135 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **FOOT-AND-MOUTH DISEASE VACCINE**
[54] **VACCIN CONTRE LA FIEVRE APHTEUSE**
[72] DOMINOWSKI, PAUL JOSEPH, US
[72] HARDHAM, JOHN MORGAN, US
[72] JACKSON, JAMES ALAN, US
[72] GAY, CYRIL GERARD, US
[72] RODRIGUEZ, LUIS LEANDRO, US
[72] KRUG, PETER WILLIAM, US
[72] RIEDER, AIDA ELIZABETH, US
[71] ZOETIS SERVICES LLC, US
[71] UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2017-07-10
[86] 2016-01-15 (PCT/US2016/013587)
[87] (WO2016/115456)
[30] US (62/104,314) 2015-01-16

[21] **2,973,883**
[13] A1
[51] **Int.Cl. A61K 38/46 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS OF TREATING A SUBJECT WITH AN ALKALINE PHOSPHATASE DEFICIENCY**
[54] **METHODES DE TRAITEMENT D'UN SUJET ATTEINT D'UNE DEFICIENCE EN PHOSPHATASE ALCALINE**
[72] ODRLJIN, TATJANA, US
[71] ALEXION PHARMACEUTICALS, INC., US
[85] 2017-07-13
[86] 2016-01-28 (PCT/US2016/015366)
[87] (WO2016/123342)
[30] US (62/108,669) 2015-01-28

[21] **2,974,049**
[13] A1
[51] **Int.Cl. B63B 17/00 (2006.01) B60J 11/00 (2006.01) B63B 17/02 (2006.01) B63C 15/00 (2006.01) E04H 6/04 (2006.01) E04H 15/04 (2006.01)**
[25] EN
[54] **UNIVERSAL AND RAPID COVERING SYSTEM**
[54] **SYSTEME DE PROTECTION UNIVERSEL ET RAPIDE**
[72] PISAPIA, ANTONIO, IT
[71] PISAPIA, ANTONIO, IT
[85] 2017-07-14
[86] 2016-01-12 (PCT/IT2016/000006)
[87] (WO2016/113767)
[30] IT (NA2015A000001) 2015-01-15

[21] **2,974,076**
[13] A1
[51] **Int.Cl. F41H 11/02 (2006.01) F41G 7/22 (2006.01) F41H 13/00 (2006.01) F41J 2/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROVIDING A DUMMY TARGET FOR PROTECTING A VEHICLE AND/OR AN OBJECT FROM RADAR-GUIDED SEEKER HEADS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FOURNIR UNE CIBLE FICTIVE POUR PROTEGER UN VEHICULE ET/OU UN OBJET CONTRE DES TETES CHERCHEUSES DIRIGEES PAR RADAR**
[72] GRUNDNER, LUKAS, AT
[72] MACHER, THOMAS, DE
[71] RHEINMETALL WAFFE MUNITION GMBH, DE
[85] 2017-07-17
[86] 2016-03-03 (PCT/EP2016/054521)
[87] (WO2016/139295)
[30] DE (10 2015 002 737.9) 2015-03-05

[21] **2,974,138**
[13] A1
[51] **Int.Cl. E21B 19/14 (2006.01) E21B 15/00 (2006.01) F16D 63/00 (2006.01)**
[25] EN
[54] **FLOATING TRAVERSE SYSTEM**
[54] **SYSTEME DE TRAVERSE FLOTTANT**
[72] ARBELAEZ, JUAN, US
[72] GUERRA, GERARDO, US
[72] MEUTH, JOSHUA BRANDON, US
[71] FORUM US, INC., US
[85] 2017-07-17
[86] 2016-02-23 (PCT/US2016/019131)
[87] (WO2016/137995)
[30] US (62/126,306) 2015-02-27

[21] **2,974,169**
[13] A1
[51] **Int.Cl. A61M 1/36 (2006.01) A61M 39/08 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **METHOD FOR CHECKING A CONNECTION STATE BETWEEN A BLOOD TREATMENT APPARATUS AND A BLOOD TUBING SET, AND APPARATUSES**
[54] **PROCEDE DE CONTROLE DE L'ETAT D'UNE LIAISON ENTRE UN DISPOSITIF DE TRAITEMENT DU SANG ET UN SET DE LIGNES A SANG, ET DISPOSITIFS**
[72] BEDEN, JOSEF, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2017-07-18
[86] 2016-02-12 (PCT/EP2016/053032)
[87] (WO2016/128555)
[30] DE (10 2015 102 040.8) 2015-02-12

[21] **2,974,236**
[13] A1
[51] **Int.Cl. B65D 47/28 (2006.01) B65D 50/02 (2006.01)**
[25] EN
[54] **A DISPENSER**
[54] **DISTRIBUTEUR**
[72] SCOTT, KENNETH, GB
[72] LORD, CHRIS, GB
[72] JONES, DAVID, GB
[72] MCDONALD, STEPHEN, GB
[71] NERUDIA LTD, GB
[85] 2017-07-04
[86] 2015-12-14 (PCT/EP2015/079671)
[87] (WO2016/096771)
[30] GB (1422317.6) 2014-12-15
[30] GB (1521722.7) 2015-12-09

[21] **2,974,295**
[13] A1
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/022 (2012.01) E21B 7/06 (2006.01)**
[25] EN
[54] **IMPROVED ESTIMATION OF WELLBORE DOGLEG FROM TOOL BENDING MOMENT MEASUREMENTS**
[54] **ESTIMATION AMELIOREE DE DEVIATION EN PATTE DE CHIEN DE PUITS DE FORAGE A PARTIR DE MESURES DE MOMENT DE COURBURE D'OUTIL**
[72] SAMUEL, ROBELLO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-18
[86] 2016-02-02 (PCT/US2016/016176)
[87] (WO2016/137688)
[30] US (62/121,341) 2015-02-26

[21] **2,974,366**
[13] A1
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01) A61B 17/68 (2006.01) A61L 31/02 (2006.01)**
[25] EN
[54] **ACTIVE TENSION BONE AND JOINT STABILIZATION DEVICES**
[54] **DISPOSITIFS DE STABILISATION DES OS ET DES ARTICULATIONS PAR TENSION ACTIVE**
[72] STECCO, KATHRYN A., US
[72] BECKING, FRANK P., US
[71] PANTHER ORTHOPEDICS, INC., US
[85] 2017-07-19
[86] 2016-01-20 (PCT/US2016/014125)
[87] (WO2016/122944)
[30] US (62/107,731) 2015-01-26
[30] US (62/171,118) 2015-06-04

[21] **2,974,392**
[13] A1
[51] **Int.Cl. B29C 47/08 (2006.01) B29C 47/36 (2006.01) B29C 47/68 (2006.01) B29C 47/70 (2006.01) B29C 47/92 (2006.01)**
[25] EN
[54] **METHODS FOR CONTROLLING POLYMER CHAIN SCISSION**
[54] **PROCEDES DE COMMANDE D'UNE SCISSION DE CHAINES POLYMERES**
[72] ABE, DAUDI A., US
[72] LOCKLEAR, BRANDON C., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-07-19
[86] 2016-01-20 (PCT/US2016/014087)
[87] (WO2016/118599)
[30] US (62/105,923) 2015-01-21

[21] **2,974,399**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) A61J 11/00 (2006.01) A61J 15/00 (2006.01) A61M 3/00 (2006.01)**
[25] EN
[54] **ORAL ADMINISTRATION FLUID COUPLER**
[54] **COUPLEUR DE FLUIDE D'ADMINISTRATION ORALE**
[72] DAVIS, BENJAMIN MARTIN, US
[72] INGRAM, AARON N., US
[72] COSTELLO, MARK M., IE
[71] NEOMED, INC., US
[85] 2017-07-19
[86] 2016-03-23 (PCT/US2016/023771)
[87] (WO2016/154304)
[30] US (62/137,293) 2015-03-24
[30] US (62/192,726) 2015-07-15

[21] **2,974,454**
[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01) F17C 1/16 (2006.01)**
[25] EN
[54] **PRESSURE CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DE PRESSION**
[72] BROUWER, MARK, NL
[72] DIERICKX, WILLIAM, NL
[72] ANTHIERENS, TOM, NL
[71] AIROPACK TECHNOLOGY GROUP B.V., NL
[85] 2017-07-20
[86] 2016-01-28 (PCT/EP2016/051837)
[87] (WO2016/120404)
[30] EP (EP15152846.0) 2015-01-28

[21] **2,974,459**
[13] A1
[51] **Int.Cl. B04B 7/08 (2006.01) B04B 1/20 (2006.01)**
[25] EN
[54] **SOLID BOWL CENTRIFUGE**
[54] **CENTRIFUGEUSE A BOL PLEIN**
[72] DOUSSET, CHRISTIAN, FR
[72] HUYGHE, JEAN-MARC, FR
[72] PASOL, LAURENTIU, FR
[71] ANDRITZ S.A.S., FR
[85] 2017-07-20
[86] 2016-01-25 (PCT/EP2016/051440)
[87] (WO2016/120202)
[30] EP (15153152.2) 2015-01-30

[21] **2,974,461**
[13] A1
[51] **Int.Cl. C21D 9/32 (2006.01) F27D 3/00 (2006.01)**
[25] EN
[54] **CHARGING DEVICE FOR THE HEAT TREATMENT OF WORKPIECES HAVING A HUB**
[54] **DISPOSITIF DE CHARGEMENT POUR LE TRAITEMENT THERMIQUE DE PIECES POURVUES D'UN MOYEU**
[72] REESE, GERHARD, DE
[72] STADTLER, THORSTEN, DE
[71] HARTEREI REESE BOCHUM GMBH, DE
[85] 2017-07-20
[86] 2016-02-03 (PCT/EP2016/052303)
[87] (WO2016/124654)
[30] DE (10 2015 101 654.0) 2015-02-05

[21] **2,974,462**
[13] A1
[51] **Int.Cl. B01D 53/48 (2006.01) B01D 53/84 (2006.01)**
[25] EN
[54] **PROCESS FOR TREATING A HYDROGEN SULPHIDE AND MERCAPTANS COMPRISING GAS**
[54] **PROCEDE DE TRAITEMENT D'UN GAZ COMPRENANT DU SULFURE D'HYDROGENE ET DES MERCAPTANS**
[72] KLOK, JAHANNES BERNARDUS MARIA, NL
[72] VAN HEERINGEN, GIJSBERT JAN, NL
[72] VAN DIJK, JAN HENK, NL
[72] JANSSEN, ALBERT JOSEPH HENDRIK, NL
[71] PAQELL B.V., NL
[85] 2017-07-20
[86] 2016-02-18 (PCT/EP2016/053480)
[87] (WO2016/131930)
[30] EP (15155753.5) 2015-02-19

[21] **2,974,465**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/10 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **APPARATUS FOR SWITCHING OFF AND DEVIATING A CIRCULATING LIQUID FLOW WITHOUT WATER HAMMERING**
[54] **APPAREIL POUR COUPER ET DEVIER UN FLUX DE LIQUIDE EN CIRCULATION SANS COUP DE BELIER**
[72] PEVERI, LUIGI, IT
[72] SILVA, GIAN MARCO, IT
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-20
[86] 2016-01-12 (PCT/IB2016/000009)
[87] (WO2016/116799)
[30] IT (MI2015A000057) 2015-01-21

[21] **2,974,509**
[13] A1
[51] **Int.Cl. E21B 10/46 (2006.01) E21B 10/42 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **ALTERNATIVE MATERIALS FOR MANDREL IN INFILTRATED METAL-MATRIX COMPOSITE DRILL BITS**
[54] **MATERIAUX ALTERNATIFS POUR MANDRIN DANS DES TREPANS COMPOSITES A MATRICE METALLIQUE INFILTREE**
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] THOMAS, JEFFREY G., US
[72] COOK, GRANT, O., III, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-20
[86] 2015-03-31 (PCT/US2015/023523)
[87] (WO2016/159971)

[21] **2,974,514**
[13] A1
[51] **Int.Cl. C22C 21/04 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY PRODUCTS**
[54] **PRODUITS EN ALLIAGE D'ALUMINIUM**
[72] NEWMAN, JOHN, US
[72] HOSCH, TIM, US
[71] ARCONIC INC., US
[85] 2017-07-20
[86] 2016-01-25 (PCT/US2016/014669)
[87] (WO2016/118945)
[30] US (62/107,202) 2015-01-23

[21] **2,974,648**
[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 23/14 (2006.01) E21B 33/072 (2006.01) E21B 47/01 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **SUBSURFACE DEPLOYMENT FOR MONITORING ALONG A BOREHOLE**
[54] **DEPLOIEMENT EN SUBSURFACE POUR LA SURVEILLANCE LE LONG D'UN TROU DE FORAGE**
[72] ADNAN, SARMAD, US
[72] LOVELL, JOHN R., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-21
[86] 2016-01-15 (PCT/US2016/013541)
[87] (WO2016/122906)
[30] US (14/606,869) 2015-01-27

[21] **2,974,715**
[13] A1
[51] **Int.Cl. A61K 47/30 (2006.01) A61K 47/34 (2017.01) A61Q 17/00 (2006.01)**
[25] EN
[54] **HYPOTONIC HYDROGEL FORMULATIONS FOR ENHANCED TRANSPORT OF ACTIVE AGENTS AT MUCOSAL SURFACES**
[54] **FORMULATIONS D'HYDROGEL HYPOTONIQUES POUR LE TRANSPORT AMELIORE D'AGENTS ACTIFS AU NIVEAU DE SURFACES MUQUEUSES**
[72] MAISEL, KATHARINA, US
[72] ENSIGN, LAURA, US
[72] HANES, JUSTIN, US
[72] CONE, RICHARD, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-07-21
[86] 2016-01-26 (PCT/US2016/014956)
[87] (WO2016/123125)
[30] US (62/108,354) 2015-01-27

[21] **2,974,758**
[13] A1
[51] **Int.Cl. A61J 15/00 (2006.01)**
[25] EN
[54] **ENTERAL FEEDING DEVICE**
[54] **DISPOSITIF D'ALIMENTATION ENTERALE**
[72] BREVIK-ANDERSEN, MERETHE H., NO
[72] LASSON, EMILIE, NO
[72] NYHEIM, HILDE, NO
[72] WULFF, MARIANNE WEIBY, NO
[71] PRONOVA BIOPHARMA NORGE AS, NO
[85] 2017-07-24
[86] 2016-01-27 (PCT/EP2016/051690)
[87] (WO2016/120318)
[30] NO (150142) 2015-01-30

[21] **2,974,801**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 47/00 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **WELL MONITORING USING CASING CENTRALIZERS**
[54] **SURVEILLANCE DE PUITS A L'AIDE DES CENTREURS DE TUBAGE**
[72] SAMSON, ETIENNE M., US
[72] FOUDA, AHMED ELSAYED, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-24
[86] 2015-03-31 (PCT/US2015/023709)
[87] (WO2016/159997)

[21] **2,974,808**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/18 (2006.01) G06K 19/06 (2006.01)**
[25] EN
[54] **METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE**
[54] **PROCEDES ET DISPOSITIF INFORMATIQUE POUR DETERMINER SI UNE MARQUE EST AUTHENTIQUE**
[72] SOBORSKI, MICHAEL L., US
[71] SYS-TECH SOLUTIONS, INC., US
[85] 2017-07-24
[86] 2015-11-02 (PCT/US2015/058620)
[87] (WO2016/133564)
[30] US (14/623,925) 2015-02-17

[21] **2,974,828**
[13] A1
[51] **Int.Cl. A61K 31/4985 (2006.01) A61K 31/437 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES FOR TREATING CANCERS**
[54] **POLYTHERAPIES POUR LE TRAITEMENT DE CANCERS**
[72] DI PAOLO, JULIE A., US
[72] JONES, RANDALL MARK, US
[72] TUMAS, DANIEL B., US
[71] GILEAD SCIENCES, INC., US
[85] 2017-07-24
[86] 2016-01-29 (PCT/US2016/015727)
[87] (WO2016/126552)
[30] US (62/111,604) 2015-02-03

[21] **2,974,833**
[13] A1
[51] **Int.Cl. C01F 7/14 (2006.01) B01D 9/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ENHANCING PRODUCTION OF ALUMINUM HYDROXIDE IN AN ALUMINUM HYDROXIDE PRODUCTION PROCESS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER LA PRODUCTION D'HYDROXYDE D'ALUMINIUM DANS UN PROCEDE DE PRODUCTION D'HYDROXYDE D'ALUMINIUM**
[72] LIU, JIANJUN, US
[72] O'BRIEN, KEVIN, US
[71] ECOLAB USA INC., US
[85] 2017-07-24
[86] 2016-02-11 (PCT/US2016/017533)
[87] (WO2016/130791)
[30] US (14/619,979) 2015-02-11

[21] **2,974,848**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 17/74 (2006.01) A61B 17/90 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR CUP IMPLANTING USING INERTIAL SENSORS**
[54] **PROCEDE ET DISPOSITIF POUR IMPLANTATION DE CUPULE AU MOYEN DE CAPTEURS INERTIELS**
[72] FALARDEAU, BRUNO, CA
[72] DUVAL, KARINE, CA
[72] LEONE, YVAN, CA
[72] PARADIS, FRANCOIS, CA
[72] LI, DI, CA
[72] VALIN, MYRIAM, CA
[72] PELLETIER, BENOIT, CA
[72] MOREAU-BELANGER, LAURENCE, CA
[71] ORTHOSOFT INC., CA
[85] 2017-07-25
[86] 2016-02-02 (PCT/CA2016/050088)
[87] (WO2016/123702)
[30] US (62/110,850) 2015-02-02

[21] **2,974,896**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING PNEUMATICALLY SEALED TROCAR**
[54] **TROCART SCELLE PNEUMATIQUEMENT A REGLAGE AUTOMATIQUE**
[72] MASTRI, DOMINICK, US
[71] SURGIQUEST, INC., US
[85] 2017-07-24
[86] 2016-01-20 (PCT/US2016/014023)
[87] (WO2016/122937)
[30] US (62/110,084) 2015-01-30

[21] **2,974,906**
[13] A1
[51] **Int.Cl. A61M 13/00 (2006.01) A61B 17/94 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **FILTER CARTRIDGE WITH INTERNAL GASEOUS SEAL FOR MULTIMODAL SURGICAL GAS DELIVERY SYSTEM HAVING A SMOKE EVACUATION MODE**
[54] **CARTOUCHE FILTRANTE AVEC JOINT D'ETANCHEITE GAZEUX INTERNE POUR SYSTEME DE DISTRIBUTION DE GAZ CHIRURGICAL MULTIMODAL AYANT UN MODE D'EVACUATION DE FUMEE**
[72] MASTRI, DOMINICK, US
[72] STEARNS, RALPH, US
[72] AUGELLI, MICHAEL J., US
[72] BLIER, KENNETH, US
[71] SURGIQUEST, INC., US
[85] 2017-07-24
[86] 2016-01-27 (PCT/US2016/015042)
[87] (WO2016/123173)
[30] US (14/609,952) 2015-01-30

[21] **2,974,908**
[13] A1
[51] **Int.Cl. A61M 13/00 (2006.01) A61B 17/34 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **FILTER CARTRIDGE WITH INTEGRATED GASEOUS SEAL FOR MULTIMODAL SURGICAL GAS DELIVERY SYSTEM**
[54] **CARTOUCHE FILTRANTE AVEC JOINT GAZEUX INTEGRE POUR SYSTEME MULTIMODAL D'ADMINISTRATION DE GAZ CHIRURGICAL**
[72] MASTRI, DOMINICK, US
[72] STEARNS, RALPH, US
[72] AUGELLI, MICHAEL J., US
[72] BLIER, KENNETH, US
[71] SURGIQUEST, INC., US
[85] 2017-07-24
[86] 2016-01-27 (PCT/US2016/015046)
[87] (WO2016/137640)
[30] US (14/628,711) 2015-02-23

[21] **2,974,937**
[13] A1
[51] **Int.Cl. A61K 31/4545 (2006.01) A61P 1/00 (2006.01) A61P 1/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT FOR BILE DUCT CANCER**
[54] **AGENT THERAPEUTIQUE CONTRE LE CANCER DU CANAL CHOLEDOQUE**
[72] SHIBATA, TATSUHIRO, JP
[72] ARAI, YASUHITO, JP
[72] NOMOTO, KENICHI, US
[72] NAKAMURA, TOMIO, JP
[72] TSURUOKA, AKIHIKO, JP
[72] MIYANO, SAORI, JP
[71] NATIONAL CANCER CENTER, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2017-07-25
[86] 2016-03-23 (PCT/JP2016/059162)
[87] (WO2016/152907)
[30] US (62/138058) 2015-03-25

[21] **2,974,947**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **UNIFIED CONTROL SYSTEM FOR DRILLING RIGS**
[54] **SYSTEME DE COMMANDE UNIFIE POUR APPAREILS DE FORAGE**
[72] TUNC, GOKTURK, US
[72] ZHENG, SHUNFENG, US
[72] CHIOCK, MARIO, US
[72] PARMESHWAR, VISHWANATHAN, US
[72] KEENLEYSIDE, MALCOLM, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-25
[86] 2016-01-13 (PCT/US2016/013138)
[87] (WO2016/122875)
[30] US (62/109,923) 2015-01-30
[30] US (14/788,038) 2015-06-30

[21] **2,974,949**
[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 23/01 (2006.01)**
[25] EN
[54] **DOWNHOLE CUTTING AND JACKING SYSTEM**
[54] **SYSTEME DE COUPE ET DE LEVAGE DE FOND DE TROU**
[72] LEHR, DOUGLAS J., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-07-25
[86] 2016-01-19 (PCT/US2016/013948)
[87] (WO2016/122929)
[30] US (14/605,467) 2015-01-26

[21] **2,974,953**
[13] A1
[51] **Int.Cl. C30B 29/54 (2006.01) A61K 31/519 (2006.01) C07D 475/04 (2006.01) C30B 30/06 (2006.01)**
[25] EN
[54] **STABLE 5-METHYLTETRAHYDROFOLATE FORMULATIONS TO MODERATE METHYLENETETRAHYDROFOLATE REDUCTASE ASSOCIATED POLYMORPHISMS**
[54] **FORMULATIONS DE 5-METHYLTRAHYDROFOLATE STABLES A UTILISER POUR MODERER DES POLYMORPHISMES ASSOCIES A LA METHYLENETETRAHYDROFOLATE REDUCTASE**
[72] HUBERS, DEBRA K., US
[72] GIVANT, CHRISTINE A., US
[71] LA VITA COMPOUNDING PHARMACY, US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014868)
[87] (WO2016/123076)
[30] US (62/108,474) 2015-01-27
[30] US (62/233,053) 2015-09-25

[21] **2,974,958**
[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/497 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USING TYROSINE KINASE INHIBITORS**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION D'INHIBITEURS DE TYROSINE KINASE**
[72] BENNETT, ANTON, US
[72] YI, JAE-SUNG, US
[71] YALE UNIVERSITY, US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014882)
[87] (WO2016/123086)
[30] US (62/107,553) 2015-01-26
[30] US (62/250,052) 2015-11-03

[21] **2,974,966**
[13] A1
[51] **Int.Cl. A61M 5/38 (2006.01) A61M 5/14 (2006.01) A61M 5/162 (2006.01) A61M 5/165 (2006.01) A61M 5/168 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **AIR STOP MEMBRANE FOR MAINTAINING A FLUID COLUMN IN AN IV SET**
[54] **MEMBRANE D'ARRET D'AIR POUR MAINTENIR UNE COLONNE DE FLUIDE DANS UN PERFUSEUR**
[72] WHITAKER, WESTON O., US
[72] STALEY, SHAUN, US
[72] MUNOZ, MARCELINO, US
[72] LARSEN, JON, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014940)
[87] (WO2016/123116)
[30] US (62/108,413) 2015-01-27
[30] US (15/005,779) 2016-01-25

[21] **2,974,970**
[13] A1
[51] **Int.Cl. G01N 21/3504 (2014.01) G01N 21/3577 (2014.01) G01J 3/00 (2006.01) G01N 21/25 (2006.01) G01N 21/33 (2006.01) G01N 21/65 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR ANALYZING AND PROCESSING SAMPLES**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'ANALYSE ET DE TRAITEMENT D'ECHANTILLONS**
[72] HOFMEISTER, RUDOLF J., US
[72] ICE, DONALD A., US
[72] TANDY, SCOTT W., US
[71] H2OPTX INC., US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014886)
[87] (WO2016/123087)
[30] US (62/108,003) 2015-01-26

[21] **2,974,973**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01) G06Q 10/06 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLYING PREDICTIVE SOCIAL SCORING TO PERFORM FOCUSED RISK ASSESSMENT**
[54] **SYSTEME ET PROCEDE D'APPLICATION D'UNE NOTATION SOCIALE PREDICTIVE POUR EFFECTUER UNE EVALUATION FOCALISEE DE RISQUE**
[72] DRUCKER, MAX, US
[72] ANDREWS, GEOFFREY, US
[71] DRUCKER, MAX, US
[71] ANDREWS, GEOFFREY, US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014949)
[87] (WO2016/126464)
[30] US (62/111,996) 2015-02-04

[21] **2,974,981**
[13] A1
[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/0402 (2006.01) A61B 5/0404 (2006.01) A61B 5/0408 (2006.01)**
[25] EN
[54] **FINGER RING ELECTROCARDIOGRAM MONITOR TRIGGER SYSTEMS AND ASSOCIATED METHODS**
[54] **SYSTEME DE DECLENCHEMENT DE DISPOSITIF DE SURVEILLANCE D'ELECTROCARDIOGRAMME EN FORME DE BAGUE ET PROCEDES ASSOCIES**
[72] MARCUS, SEAN, US
[72] CHANG, CHRIS, US
[72] BASKERVILLE, SCOTT, US
[72] BALDA, ANTHONY, US
[71] MEDICOMP, INC., US
[85] 2017-07-25
[86] 2016-01-27 (PCT/US2016/015112)
[87] (WO2016/123212)
[30] US (62/108,098) 2015-01-27

[21] **2,974,983**
[13] A1
[51] **Int.Cl. H01J 61/52 (2006.01) F21V 29/50 (2015.01) F21V 31/00 (2006.01)**
[25] EN
[54] **MODULAR LED LIGHTING ASSEMBLY AND RELATED SYSTEMS AND METHODS**
[54] **ENSEMBLE D'ECLAIRAGE A LED MODULAIRE AINSI QUE SYSTEMES ET PROCEDES CONNEXES**
[72] PALMER, CHAD, US
[71] ENERGYFICIENT LIGHTING SYSTEMS, INC., US
[85] 2017-07-25
[86] 2016-01-26 (PCT/US2016/014963)
[87] (WO2016/123131)
[30] US (62/107,810) 2015-01-26
[30] US (62/155,983) 2015-05-01
[30] US (62/204,599) 2015-08-13

[21] **2,974,985**
[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) C25B 1/00 (2006.01) C25B 3/00 (2006.01)**
[25] EN
[54] **ELECTROLYTIC CARTRIDGE, SYSTEMS AND METHODS OF USING SAME**
[54] **CARTOUCHE ELECTROLYTIQUE, SYSTEMES ET PROCEDES D'UTILISATION DE CETTE DERNIERE**
[72] SWARTZ, JAMES B., US
[72] MOYER, JAMES I., US
[72] HAZELWOOD, JOHN, US
[72] ROSSOM, JAMES D., US
[71] SPRAYING SYSTEMS CO., US
[85] 2017-07-25
[86] 2016-02-04 (PCT/US2016/016563)
[87] (WO2016/126940)
[30] US (62/111,980) 2015-02-04

[21] **2,974,987**
[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/0205 (2006.01) A61B 5/0404 (2006.01) A61B 5/0408 (2006.01) A61B 5/0295 (2006.01)**
[25] EN
[54] **FINGER RING ELECTROCARDIOGRAM MONITOR AND ASSOCIATED SYSTEMS AND METHODS**
[54] **MONITEUR D'ELECTROCARDIOGRAMME SOUS FORME DE BAGUE PORTEE AU DOIGT, ET SYSTEMES ET METHODES ASSOCIES**
[72] MARCUS, SEAN, US
[72] CHANG, CHRIS, US
[72] BASKERVILLE, SCOTT, US
[72] BALDA, ANTHONY, US
[71] MEDICOMP, INC., US
[85] 2017-07-25
[86] 2016-01-27 (PCT/US2016/015123)
[87] (WO2016/123216)
[30] US (62/108,098) 2015-01-27

[21] **2,974,988**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/22 (2006.01) A61K 38/47 (2006.01) C07K 14/50 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMPROVED COGNITION**
[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA FONCTION COGNITIVE**
[72] DUBAL, DENA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-07-25
[86] 2016-02-05 (PCT/US2016/016842)
[87] (WO2016/127097)
[30] US (62/113,300) 2015-02-06

[21] **2,974,994**
[13] A1
[51] **Int.Cl. B66F 11/00 (2006.01) B66F 3/46 (2006.01) E04H 12/08 (2006.01) E04H 12/18 (2006.01)**
[25] EN
[54] **UTILITY TOWER LIFTING DEVICE**
[54] **DISPOSITIF DE LEVAGE DE PYLONE**
[72] CHAPUT, LUKE JOSEPH, CA
[72] KROKOSZ, DOUGLAS COREY, CA
[71] AMPJACK INDUSTRIES LTD., CA
[85] 2017-07-26
[86] 2015-02-12 (PCT/CA2015/000079)
[87] (WO2015/120537)
[30] US (61/939,089) 2014-02-12

[21] **2,974,995**
[13] A1
[51] **Int.Cl. G09B 23/30 (2006.01) H04B 10/071 (2013.01) G08B 21/18 (2006.01) G01B 5/18 (2006.01) G01B 7/16 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **PHYSIOLOGICAL PHANTOMS INCORPORATING FEEDBACK SENSORS AND SENSING MATERIALS**
[54] **FANTOMES PHYSIOLOGIQUES COMPRENANT DES CAPTEURS DE RETROACTION ET DES MATERIAUX DE DETECTION**
[72] KERINS, FERGAL, CA
[72] JAGGA, ARUN VICTOR, CA
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-07-26
[86] 2015-01-29 (PCT/CA2015/050065)
[87] (WO2016/119039)

[21] **2,974,996**
[13] A1
[51] **Int.Cl. G01B 5/00 (2006.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01) G01L 25/00 (2006.01) G05D 3/14 (2006.01)**
[25] EN
[54] **NAVIGATION BY BENDING FORCES**
[54] **NAVIGATION PAR FORCES DE FLEXION**
[72] FERREIRA, LOUIS, CA
[72] STOKES, MATTHEW, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2017-07-26
[86] 2016-01-27 (PCT/CA2016/050064)
[87] (WO2016/123697)
[30] US (62/110,935) 2015-02-02

[21] **2,974,997**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/60 (2016.01) F21K 9/62 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING LIGHT REPRESENTATIVE OF A TARGET NATURAL LIGHT**
[54] **SYSTEME ET PROCEDE DE GENERATION DE LUMIERE REPRESENTATIVE D'UNE LUMIERE NATURELLE CIBLE**
[72] DUPRAS, GABRIEL, CA
[72] ROY-MOISAN, FRANCOIS, CA
[71] SOLLUM TECHNOLOGIES, CA
[85] 2017-07-26
[86] 2016-01-29 (PCT/CA2016/050076)
[87] (WO2016/119063)
[30] US (62/109,101) 2015-01-29

[21] **2,974,999**
[13] A1
[51] **Int.Cl. B60C 7/24 (2006.01) B60B 9/02 (2006.01) B60B 9/26 (2006.01) B60B 15/02 (2006.01) B60B 25/00 (2006.01) B60C 7/18 (2006.01)**
[25] EN
[54] **WHEEL ASSEMBLIES WITH NON-PNEUMATIC TIRES**
[54] **ENSEMBLES ROUES DOTES DE PNEUS NON PNEUMATIQUES**
[72] SCHAEDLER, AXEL, US
[72] BUCHANAN, PETER J., US
[71] MTD PRODUCTS INC, US
[85] 2017-07-25
[86] 2016-01-27 (PCT/US2016/015055)
[87] (WO2016/123180)
[30] US (62/108,112) 2015-01-27
[30] US (14/729,495) 2015-06-03
[30] US (29/539,200) 2015-09-11

[21] **2,975,004**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND TERMINAL FOR IMPLEMENTING VIRTUAL CHARACTER TURNING**
[54] **PROCEDE ET TERMINAL POUR METTRE EN □UVRE UNE ROTATION DE CARACTERE VIRTUEL**
[72] TANG, YONG, CN
[72] LIAO, CHANGYAN, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2017-07-26
[86] 2016-02-01 (PCT/CN2016/073060)
[87] (WO2016/201993)
[30] CN (201510334763.4) 2015-06-16

[21] **2,975,017**
[13] A1
[51] **Int.Cl. C07K 14/715 (2006.01) A61K 38/17 (2006.01) A61P 29/00 (2006.01) C07K 19/00 (2006.01) C12N 15/28 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **THERAPEUTIC AND DIAGNOSTIC AGENTS**
[54] **AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES**
[72] HJERRILD, KATHRYN, US
[72] GEARING, DAVID, AU
[71] NEXVET AUSTRALIA PTY LTD, AU
[85] 2017-07-26
[86] 2016-01-29 (PCT/AU2016/050052)
[87] (WO2016/119023)
[30] AU (2015900260) 2015-01-29

[21] **2,975,045**
[13] A1
[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/04 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED SIGNAL PROCESSING USING FINGER RING ELECTROCARDIOGRAM MONITORS**
[54] **SYSTEMES ET PROCEDES POUR TRAITEMENT DE SIGNAL AMELIORE A L'AIDE DE DISPOSITIFS DE SURVEILLANCE D'ELECTROCARDIOGRAMME D'ANNEAU PORTE AU DOIGT**
[72] MARCUS, SEAN, US
[72] CHANG, CHRIS, US
[72] BASKERVILLE, SCOTT, US
[72] BALDA, ANTHONY, US
[71] MEDICOMP, INC., US
[85] 2017-07-25
[86] 2016-01-27 (PCT/US2016/015103)
[87] (WO2016/123206)
[30] US (62/108,098) 2015-01-27

[21] **2,975,046**
[13] A1
[51] **Int.Cl. A61M 5/46 (2006.01) A61M 5/20 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **PEN NEEDLE HUB WITH A PATIENT CONTACT SURFACE**
[54] **EMBASE DE STYLO INJECTEUR DOTEE D'UNE SURFACE DE CONTACT AVEC LE PATIENT**
[72] SULLIVAN, SEAN, US
[72] HUANG, DAVID, US
[72] HILL, BRENDON, US
[72] SRINIVASAN, SUDARSAN, US
[72] RINI, CHRISTOPHER, US
[72] KLUG, RICHARD, US
[72] ROBERTS, BRUCE, US
[72] MOREL, DIDIER, US
[72] PETTIS, RONALD, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-07-25
[86] 2016-01-29 (PCT/US2016/015680)
[87] (WO2016/123494)
[30] US (62/109,826) 2015-01-30

[21] **2,975,048**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF C21H22CI2N4O2**
[54] **FORMES CRISTALLINES DE C21H22CI2N4O2**
[72] DECRESCENZO, GARY, US
[72] WELSCH, DEAN, US
[72] VLAHOVA, PETINKA I., US
[72] BOERRIGTER, STEPHAN X.M., US
[72] ARONOV, ALEXANDER, US
[72] KESHAVARZ-SHOKRI, ALI, US
[72] SCANGAS, ALEXANDER N., US
[72] STAVROPOULOS, KATHY, US
[72] LITTLER, BENJAMIN, US
[72] KADIYALA, IRINA NIKOLAEVNA, US
[72] ALARGOVA, ROSSITZA GUEORGUIEVA, US
[71] BIOMED VALLEY DISCOVERIES, INC., US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2017-07-25
[86] 2016-01-29 (PCT/US2016/015829)
[87] (WO2016/123574)
[30] US (62/110,449) 2015-01-30

[21] **2,975,061**
[13] A1
[51] **Int.Cl. B60L 15/20 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR ELECTRIC MOTOR VEHICLE AND CONTROL METHOD FOR ELECTRIC MOTOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE ELECTRIQUE ET PROCEDE DE COMMANDE DE VEHICULE ELECTRIQUE**
[72] SAWADA, AKIRA, JP
[72] ITO, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUJI, JP
[72] KOMATSU, HIROYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-26
[86] 2015-01-26 (PCT/JP2015/052080)
[87] (WO2016/120978)

[21] **2,975,062**
[13] A1
[51] **Int.Cl. H01M 10/659 (2014.01) H01M 10/625 (2014.01) C09K 5/06 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **BATTERY PACK**
[54] **BLOC BATTERIE**
[72] LEBREUX, NORMAND, CA
[72] MENARD, ERIC, CA
[71] CONSORTIUM DE RECHERCHE BRP - UNIVERSITE DE SHERBROOKE S.E.N.C., CA
[85] 2017-07-26
[86] 2016-02-01 (PCT/IB2016/050511)
[87] (WO2016/120857)
[30] US (62/109,970) 2015-01-30

[21] **2,975,064**
[13] A1
[51] **Int.Cl. B60T 8/17 (2006.01) B60L 15/20 (2006.01) B60T 7/12 (2006.01) B60W 40/10 (2012.01)**
[25] EN
[54] **CONTROL DEVICE FOR VEHICLE AND CONTROL METHOD FOR VEHICLE**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE VEHICULE**
[72] KOMATSU, HIROYUKI, JP
[72] ITO, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUJI, JP
[72] SAWADA, AKIRA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-26
[86] 2015-01-26 (PCT/JP2015/052083)
[87] (WO2016/120980)

[21] **2,975,065**
[13] A1
[51] **Int.Cl. A61K 36/28 (2006.01) A61P 11/00 (2006.01) A61P 17/18 (2006.01)**
[25] EN
[54] **ASTERISCUS GRAVEOLENS EXTRACTS AND USE THEREOF**
[54] **EXTRAITS D'ASTERISCUS GRAVEOLENS ET UTILISATION CORRESPONDANTE**
[72] RAMOT, OFIR, IL
[72] HAVAS, FABIEN, IL
[72] KALO, EYAL, IL
[72] VON OPPEN-BEZALEL, LIKI, DE
[72] ARNON, RAFFI, IL
[72] BEN-CHITRIT, OLGA, IL
[72] PERRY, INON, IL
[71] I.B.R. ISRAELI BIOTECHNOLOGY RESEARCH LTD., IL
[85] 2017-07-26
[86] 2016-02-01 (PCT/IL2016/050105)
[87] (WO2016/125146)
[30] US (62/110,634) 2015-02-02
[30] US (62/146,435) 2015-04-13

[21] **2,975,066**
[13] A1
[51] **Int.Cl. B60L 15/20 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR ELECTRIC MOTOR VEHICLE AND CONTROL METHOD FOR ELECTRIC MOTOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE POUR VEHICULE ELECTRIQUE, ET PROCEDE DE COMMANDE POUR VEHICULE ELECTRIQUE**
[72] SAWADA, AKIRA, JP
[72] ITO, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUJI, JP
[72] KOMATSU, HIROYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-26
[86] 2015-01-26 (PCT/JP2015/052081)
[87] (WO2016/120979)

[21] **2,975,067**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) B81B 1/00 (2006.01)**
[25] EN
[54] **MICRONEEDLE PATCH, METHOD FOR MANUFACTURING SAME, AND APPARATUS FOR MANUFACTURING MICRONEEDLE ARRAY**
[54] **TIMBRE A MICRO-AIGUILLES, SON PROCEDE DE FABRICATION ET APPAREIL POUR LA FABRICATION D'UN RESEAU DE MICRO-AIGUILLES**
[72] ONO, ICHIRO, JP
[72] YAMADA, SHINYA, JP
[72] CHIYAMA, MASATERU, JP
[72] AKITA, KENSAKU, JP
[72] UENO, TAKAKO, JP
[72] IDE, YUKO, JP
[72] NAGAI, SACHI, JP
[72] AKAO, OSANOBU, JP
[72] TAKADA, KANJI, JP
[71] LABO JUVERSA CO., LTD., JP
[71] BIOSERENTACH CO., LTD., JP
[85] 2017-07-26
[86] 2015-12-15 (PCT/JP2015/085107)
[87] (WO2016/098780)
[30] JP (2014-252907) 2014-12-15

[21] **2,975,068**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/46 (2006.01) C22C 38/06 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR CROWN CAP, METHOD FOR MANUFACTURING STEEL SHEET FOR CROWN CAP, AND CROWN CAP**
[54] **PLAQUE D'ACIER POUR CAPSULE-COURONNE AINSI QUE PROCEDE DE FABRICATION DE CELLE-CI, ET CAPSULE-COURONNE**
[72] TANAKA, TAKUMI, JP
[72] HIRAGUCHI, TOMONARI, JP
[72] KOJIMA, KATSUMI, JP
[72] NAKAMARU, HIROKI, JP
[72] KARIYA, NOBUSUKE, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-07-26
[86] 2016-01-27 (PCT/JP2016/000391)
[87] (WO2016/136140)
[30] JP (2015-036400) 2015-02-26

[21] **2,975,069**
[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01) H04W 72/04 (2009.01) H04W 72/12 (2009.01) H04J 1/00 (2006.01) H04J 11/00 (2006.01) H04L 27/01 (2006.01)**
[25] EN
[54] **TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF DE TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] AIBA, TATSUSHI, JP
[72] SUZUKI, SHOICHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[72] TAKAHASHI, HIROKI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-07-26
[86] 2016-01-08 (PCT/JP2016/050466)
[87] (WO2016/121457)
[30] JP (2015-013827) 2015-01-28
[30] JP (2015-020840) 2015-02-05

[21] **2,975,070**
[13] A1
[51] **Int.Cl. C08F 297/02 (2006.01) C08L 53/00 (2006.01) C09J 11/06 (2006.01) C09J 133/08 (2006.01) C09J 133/10 (2006.01) C09J 153/00 (2006.01)**
[25] EN
[54] **ACRYLIC BLOCK COPOLYMER AND ADHESIVE COMPOSITION**
[54] **COPOLYMERE SEQUENCE ACRYLIQUE ET COMPOSITION ADHESIVE SENSIBLE A LA PRESSION**
[72] NAKADA, KANAYO, JP
[72] MORISHITA, YOSHIHIRO, JP
[71] KURARAY CO., LTD., JP
[85] 2017-07-26
[86] 2016-01-21 (PCT/JP2016/051641)
[87] (WO2016/121607)
[30] JP (2015-013141) 2015-01-27

[21] **2,975,071**
[13] A1
[51] **Int.Cl. G06F 11/20 (2006.01) H04L 12/70 (2013.01) G06F 9/46 (2006.01)**
[25] EN
[54] **MANAGEMENT OF NETWORK FUNCTIONS VIRTUALIZATION AND ORCHESTRATION APPARATUS, SYSTEM, MANAGEMENT METHOD, AND PROGRAM**
[54] **DISPOSITIF DE GESTION ET D'ORCHESTRATION DE VIRTUALISATION DE FONCTIONS DE RESEAU, SYSTEME, PROCEDE DE GESTION ET PROGRAMME**
[72] ZEMBUTSU, HAJIME, JP
[72] OOHIRA, MAYO, JP
[72] GOKURAKUJI, JUNICHI, JP
[72] SHINOZAWA, HIROKAZU, JP
[72] KIKUCHI, YOSHIKI, JP
[71] NEC CORPORATION, JP
[85] 2017-07-26
[86] 2016-01-26 (PCT/JP2016/052103)
[87] (WO2016/121728)
[30] JP (2015-013737) 2015-01-27

[21] **2,975,072**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/497 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PYRAZINECARBOXAMIDE COMPOUND AND SYNTHETIC INTERMEDIATE THEREOF**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE PYRAZINE CARBOXAMIDE, ET INTERMEDIAIRE DE SYNTHESE DE CE DERNIER**
[72] AKIBA, TAKAHIRO, JP
[72] HOSHII, HIROAKI, JP
[72] SHIMADA, ITSURO, JP
[72] KOMENOI, KOUSUKE, JP
[72] NISHIKAWA, KENTARO, JP
[72] MORINAGA, YASUHIRO, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2017-07-26
[86] 2016-01-27 (PCT/JP2016/052229)
[87] (WO2016/121777)
[30] JP (2015-014533) 2015-01-28

[21] **2,975,073**
[13] A1
[51] **Int.Cl. E21B 43/34 (2006.01) C08J 3/12 (2006.01) C09K 8/035 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING UNDERGROUND RESOURCES BY USING HYDROLYSABLE PARTICLES**
[54] **PROCEDE POUR L'EXPLOITATION MINIERE DE RESSOURCES SOUTERRAINES A L'AIDE DE PARTICULES HYDROLYSABLES**
[72] YOSHIKAWA, SEISHI, JP
[72] KATAYAMA, TSUTAKI, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2017-07-26
[86] 2016-02-04 (PCT/JP2016/053401)
[87] (WO2016/129501)
[30] JP (2015-025590) 2015-02-12
[30] JP (2015-025591) 2015-02-12
[30] JP (2015-025592) 2015-02-12

[21] **2,975,075**
[13] A1
[51] **Int.Cl. C09J 201/00 (2006.01) B29C 65/48 (2006.01) C09J 11/04 (2006.01)**
[25] EN
[54] **ADHESIVE AND STRUCTURE, AND ADHESION METHOD**
[54] **ADHESIF ET STRUCTURE, ET PROCEDE DE LIAISON**
[72] TAKAYANAGI, TOSHIYUKI, JP
[72] ISHIKAWA, NAOMOTO, JP
[72] HORIZONO, HIDEKI, JP
[72] KAMIHARA, NOBUYUKI, JP
[72] MURAOKA, MIKIO, JP
[72] HAYASHI, HIROAKI, JP
[72] YOSHIDA, OSAMU, JP
[72] TSUJI, KOTARO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] AKITA UNIVERSITY, JP
[71] TSUCHIYA CO., LTD., JP
[85] 2017-07-26
[86] 2016-02-09 (PCT/JP2016/053872)
[87] (WO2016/129610)
[30] JP (2015-023098) 2015-02-09

[21] **2,975,077**
[13] A1
[51] **Int.Cl. H03M 13/09 (2006.01) H03M 13/11 (2006.01)**
[25] EN
[54] **TRANSMITTER AND ADDITIONAL PARITY GENERATING METHOD THEREOF**
[54] **EMETTEUR, ET PROCEDE DE GENERATION DE BITS DE PARITE SUPPLEMENTAIRES CORRESPONDANT**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[71] SAMSUNGS ELECTRONIC CO., LTD., KR
[85] 2017-07-26
[86] 2016-02-15 (PCT/KR2016/001506)
[87] (WO2016/129975)
[30] US (62/115,810) 2015-02-13
[30] US (62/120,543) 2015-02-25
[30] US (62/202,304) 2015-08-07
[30] KR (10-2015-0137191) 2015-09-27

[21] **2,975,081**
[13] A1
[51] **Int.Cl. C25C 3/12 (2006.01) C25C 3/16 (2006.01)**
[25] EN
[54] **AN ANODE FOR USE IN AN ELECTROLYSIS PROCESS FOR PRODUCTION OF ALUMINIUM IN CELLS OF HALL-HEROULT TYPE, AND A METHOD FOR MAKING SAME**
[54] **ANODE DESTINEE A ETRE UTILISEE DANS UN PROCEDE D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM DANS DES CELLULES DU TYPE HALL-HEROULT ET PROCEDE PERMETTANT DE FABRIQUER CETTE DERNIERE**
[72] HOP, JORUND, NO
[72] VEE, INGE ARILD, NO
[72] STEFANSKI, GRZEGORZ, NO
[72] LILLEBY, ANDERS, NO
[72] KUEPPERS, HANS, DE
[72] TEIGEN, PER JOHNNY, NO
[72] HJELLE, VIDAR, NO
[71] NORSK HYDRO ASA, NO
[85] 2017-07-26
[86] 2016-02-09 (PCT/NO2016/000005)
[87] (WO2016/130014)
[30] NO (20150224) 2015-02-13

[21] **2,975,082**
[13] A1
[51] **Int.Cl. A47J 31/40 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **MULTIPLE DOSING DEVICE AND MAGAZINE**
[54] **DISPOSITIF DE DOSAGE MULTIPLE ET CHARGEUR**
[72] GUDMUNDSSON, JONAS, SE
[71] EKBERG EMBALLAGE AB, SE
[85] 2017-07-26
[86] 2015-09-29 (PCT/SE2015/051026)
[87] (WO2016/122366)
[30] SE (1550092-9) 2015-01-30

[21] **2,975,084**
[13] A1
[51] **Int.Cl. B60W 40/09 (2012.01) G06Q 40/08 (2012.01) G01C 21/36 (2006.01)**
[25] EN
[54] **RISK UNIT BASED POLICIES**
[54] **POLICES A BASE D'UNITES DE RISQUE**
[72] BIEMER, EDWARD A., US
[72] IREY, GRADY, US
[72] STYRSKY, CARYL M., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013192)
[87] (WO2016/122879)
[30] US (14/607,636) 2015-01-28

[21] **2,975,085**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **RISK UNIT BASED POLICIES**
[54] **REGLEMENTS BASES SUR UNE UNITE DE RISQUE**
[72] BIEMER, EDWARD A., US
[72] IREY, GRADY, US
[72] STYRSKY, CARYL M., US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013201)
[87] (WO2016/122880)
[30] US (14/607,662) 2015-01-28

[21] **2,975,086**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01) G06K 19/077 (2006.01)**
[25] EN
[54] **MULTI-COIL RFID SENSOR ASSEMBLY**
[54] **ENSEMBLE DE CAPTEURS RFID A BOBINES MULTIPLES**
[72] ROBERSON, MARK W., US
[72] BARTEE, CHARLES, US
[72] RAVI, KRISHNA M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-26
[86] 2015-03-03 (PCT/US2015/018480)
[87] (WO2016/140651)

[21] **2,975,087**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **ROAD SEGMENT SAFETY RATING**
[54] **EVALUATION DE LA SECURITE D'UN TRONCON DE ROUTE**
[72] JORDAN PETERS, JULIE A., US
[72] FERGUSON, DANA, US
[72] MADIGAN, REGINA, US
[72] MCKENNA, THOMAS, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013204)
[87] (WO2016/122881)
[30] US (14/607,433) 2015-01-28

[21] **2,975,088**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/00 (2006.01) C12N 15/09 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **LIGATION ASSAYS IN LIQUID PHASE**
[54] **ESSAIS DE LIGATURE EN PHASE LIQUIDE**
[72] STEVENS, ANTHONY, US
[72] SELIGMANN, BRUCE, US
[72] YEAKLEY, JOANNE, M., US
[72] MCCOMB, JOEL, US
[71] BIOSPYDER TECHNOLOGIES, INC., US
[85] 2017-07-26
[86] 2016-01-26 (PCT/US2016/014999)
[87] (WO2016/123154)
[30] US (62/108,161) 2015-01-27
[30] US (14/788,670) 2015-06-30

[21] **2,975,091**
[13] A1
[51] **Int.Cl. A23L 2/60 (2006.01)**
[25] EN
[54] **OLIGOSACCHARIDE COMPOSITIONS FOR USE AS FOOD INGREDIENTS AND METHODS OF PRODUCING THEREOF**
[54] **COMPOSITIONS A BASE D'OLIGOSACCHARIDES DESTINEES A ETRE UTILISEES COMME INGREDIENTS ALIMENTAIRES ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] GEREMIA, JOHN M., US
[72] MARDIROSIAN, RAFFI, US
[72] GIDDING, MICHAEL J., US
[71] CADENA BIO, INC., US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013265)
[87] (WO2016/122884)
[30] US (62/108,036) 2015-01-26

[21] **2,975,092**
[13] A1
[51] **Int.Cl. A61M 21/02 (2006.01) A61F 7/02 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUSES FOR MODULATING SLEEP BY CHEMICAL ACTIVATION OF TEMPERATURE RECEPTORS**
[54] **PROCEDE ET APPAREILS DE MODULATION DU SOMMEIL PAR L'ACTIVATION CHIMIQUE DES THERMORECEPTEURS**
[72] NOFZINGER, ERIC A., US
[72] SCHIRM, JEFFREY J., US
[72] RIPPOLE, DAMIAN F., US
[72] REYNOLDS, CRAIG B., US
[72] TUCKER, ROBERT E., US
[71] EBB THERAPEUTICS, INC., US
[85] 2017-07-26
[86] 2016-01-27 (PCT/US2016/015174)
[87] (WO2016/123241)
[30] US (62/108,461) 2015-01-27

[21] **2,975,093**
[13] A1
[51] **Int.Cl. C07H 3/06 (2006.01)**
[25] EN
[54] **OLIGOSACCHARIDE COMPOSITIONS FOR USE IN NUTRITIONAL COMPOSITIONS, AND METHODS OF PRODUCING THEREOF**
[54] **COMPOSITIONS D'OLIGOSACCHARIDES DESTINEES A ETRE UTILISEES DANS DES COMPOSITIONS NUTRITIONNELLES, ET PROCEDES DE PRODUCTION DESDITES COMPOSITIONS**
[72] GEREMIA, JOHN M., US
[71] MIDORI USA, INC., US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013271)
[87] (WO2016/122885)
[30] US (62/108,038) 2015-01-26

[21] **2,975,095**
[13] A1
[51] **Int.Cl. A23K 10/00 (2016.01)**
[25] EN
[54] **OLIGOSACCHARIDE COMPOSITIONS FOR USE ANIMAL FEED AND METHODS OF PRODUCING THEREOF**
[54] **COMPOSITIONS A BASE D'OLIGOSACCHARIDES DESTINEES A ETRE UTILISEES COMME ALIMENT POUR ANIMAUX ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] GEREMIA, JOHN M., US
[72] MARDIROSIAN, RAFFI, US
[72] GIDDING, MICHAEL J., US
[72] MURPHY, ANASTASIA V., US
[71] CADENA BIO, INC., US
[85] 2017-07-26
[86] 2016-01-13 (PCT/US2016/013280)
[87] (WO2016/122887)
[30] US (62/108,037) 2015-01-26
[30] US (62/216,945) 2015-09-10
[30] US (62/216,952) 2015-09-10
[30] US (62/255,341) 2015-11-13
[30] US (62/255,343) 2015-11-13

[21] **2,975,096**
[13] A1
[51] **Int.Cl. H01T 13/14 (2006.01) H01T 13/38 (2006.01)**
[25] EN
[54] **SPARK PLUG INSULATOR HAVING AN ANTI-FOULING COATING AND METHODS FOR MINIMIZING FOULING**
[54] **ISOLATEUR DE BOUGIE D'ALLUMAGE AVEC REVETEMENT ANTI-ENCRASSEMENT ET PROCEDES POUR MINIMISER L'ENCRASSEMENT**
[72] ZHENG, JING, US
[72] BOEHLER, JEFFREY T., US
[72] MEGHARAJ, PRABHU, US
[72] TREIER, PHILIP, US
[71] FRAM GROUP IP, LLC, US
[85] 2017-07-26
[86] 2016-01-28 (PCT/US2016/015317)
[87] (WO2016/123310)
[30] US (62/109,133) 2015-01-29

[21] **2,975,097**
[13] A1
[51] **Int.Cl. A47C 1/02 (2006.01) A47C 7/72 (2006.01) A47C 31/00 (2006.01) G11C 11/4091 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **OCCUPANCY DETECTION AND CAPACITIVE SENSING FOR AUTOMATED RECLINER FURNITURE**
[54] **DETECTION D'OCCUPATION ET DETECTION DE CAPACITE POUR MEUBLE INCLINABLE AUTOMATIQUE**
[72] CHACON, RYAN EDWARD, US
[72] ROHR, WILLIAM ROBERT, US
[72] MADADI, AVINASH, US
[72] LAWSON, GREGORY MARK, US
[71] L & P PROPERTY MANAGMENT COMPANY, US
[85] 2017-07-26
[86] 2016-01-28 (PCT/US2016/015358)
[87] (WO2016/123339)
[30] US (14/608,173) 2015-01-28
[30] US (14/608,170) 2015-01-28

[21] **2,975,101**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/861 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS, AND METHODS FOR USING HLA-F**
[54] **COMPOSES, COMPOSITIONS ET PROCEDES D'UTILISATION D'HLA-F**
[72] KASPAR, BRIAN, US
[71] THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
[85] 2017-07-26
[86] 2016-01-20 (PCT/US2016/014121)
[87] (WO2016/122943)
[30] US (62/107,866) 2015-01-26
[30] US (62/247,956) 2015-10-29

[21] **2,975,103**
[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01) H02J 50/10 (2016.01) B60L 9/08 (2006.01) G01R 29/08 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **IN-SITU POWER CHARGING**
[54] **CHARGE D'ALIMENTATION IN SITU**
[72] SEKELSKY, STEPHEN M., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2017-07-26
[86] 2016-01-21 (PCT/US2016/014375)
[87] (WO2016/122965)
[30] US (62/109,006) 2015-01-28
[30] US (62/109,551) 2015-01-29
[30] US (15/003,088) 2016-01-21

[21] **2,975,105**
[13] A1
[51] **Int.Cl. H04L 12/22 (2006.01) H04L 9/14 (2006.01)**
[25] EN
[54] **SECURE DYNAMIC COMMUNICATION NETWORK AND PROTOCOL**
[54] **RESEAU ET PROTOCOLE DE COMMUNICATION DYNAMIQUE SECURISEE**
[72] WILLIAMS, RICHARD K., US
[72] VERZUN, LEVGEN, UA
[72] OLEKSANDR, GOLUB, UA
[71] ADVENTIVE IPBANK, US
[71] WILLIAMS, RICHARD K., US
[85] 2017-07-26
[86] 2016-01-23 (PCT/US2016/014643)
[87] (WO2016/190912)
[30] US (62/107,650) 2015-01-26
[30] US (14/803,869) 2015-07-20

[21] **2,975,109**
[13] A1
[51] **Int.Cl. F03D 7/02 (2006.01) H02S 10/12 (2014.01) F03D 1/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RESTARTING A WIND TURBINE USING CLEAN ENERGY**
[54] **SYSTEME ET PROCEDE DE REDEMARRAGE D'UNE D'EOLIENNE A L'AIDE D'ENERGIE PROPRE**
[72] LAVIGNE-OTTMAN, DAWN, US
[71] LAVIGNE-OTTMAN, DAWN, US
[85] 2017-07-26
[86] 2015-04-27 (PCT/US2015/027773)
[87] (WO2015/168008)
[30] US (61/996,023) 2014-04-28

[21] **2,975,123**
[13] A1
[51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **RADIO-FREQUENCY ELECTRICAL MEMBRANE BREAKDOWN FOR THE TREATMENT OF HIGH RISK AND RECURRENT PROSTATE CANCER, UNRESECTABLE PANCREATIC CANCER, TUMORS OF THE BREAST, MELANOMA OR OTHERSKIN MALIGNANCIES, SARCOMA, SOFT TISSUE TUMORS, DUCTAL CARCINOMA, NEOPLASIA, AND INTRA AND EXTRA LUMINAL ABNORMAL TISSUE**
[54] **RUPTURE DE MEMBRANE ELECTRIQUE PAR RADIO-FREQUENCE POUR LE TRAITEMENT DU CANCER DE LA PROSTATE RECURRENT OU A HAUT RISQUE, DU CANCER DU PANCREAS NE POUVANT PAS SUBIR DE RESECTION,DES TUMEURS DU SEIN, D'UN MELANOME OU AUTRES TUMEURS MALIGNES DE LA PEAU, DES SARCOMES, DES TUMEURS DE TISSU MOU, DES CARCINOMES INTRACANALAIRES, D'UNE NEOPLASIE ET DU TISSU ANOR**
[72] ONIK, GARY M., US
[72] MIESSAU, JAMES A., US
[72] BOSTWICK, DAVID G., US
[71] RFEMB HOLDINGS, LLC, US
[85] 2017-07-26
[86] 2016-02-01 (PCT/US2016/015944)
[87] (WO2016/123608)
[30] US (62/109,965) 2015-01-30
[30] US (62/110,646) 2015-02-02
[30] US (62/110,674) 2015-02-02
[30] US (62/110,733) 2015-02-02
[30] US (62/110,702) 2015-02-02
[30] US (62/111,870) 2015-02-04

[21] **2,975,124**
[13] A1
[51] **Int.Cl. G06K 9/66 (2006.01)**
[25] EN
[54] **CONTROL OF A COMPUTER VIA DISTORTIONS OF FACIAL GEOMETRY**
[54] **COMMANDE D'UN ORDINATEUR PAR L'INTERMEDIAIRE DE DISTORSIONS DE LA GEOMETRIE FACIALE**
[72] MOFFAT, BRIAN LEE, US
[72] CHEN, RIN IN, US
[71] MOFFAT, BRIAN LEE, US
[71] CHEN, RIN IN, US
[85] 2017-07-26
[86] 2016-02-01 (PCT/US2016/016024)
[87] (WO2016/123635)
[30] US (62/125,758) 2015-01-31

[21] **2,975,125**
[13] A1
[51] **Int.Cl. C03C 8/00 (2006.01) C03C 8/02 (2006.01) C04B 41/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF GLAZED, HIGH DENSITY ENGINEERED SURFACE PRODUCTS**
[54] **PRODUCTION DE PRODUITS PRESENTANT UNE SURFACE DE HAUTE TECHNOLOGIE, VERNIE, DE HAUTE DENSITE**
[72] DELORENZO, JOSEPH F., US
[71] DELORENZO, JOSEPH F., US
[85] 2017-07-26
[86] 2016-02-02 (PCT/US2016/016179)
[87] (WO2016/126709)
[30] US (62/113,286) 2015-02-06
[30] US (15/009,458) 2016-01-28

[21] **2,975,143**
[13] A1
[51] **Int.Cl. E21B 29/02 (2006.01) E21B 29/00 (2006.01) E21B 33/124 (2006.01)**
[25] EN
[54] **HIGH ENERGY SEVERING TOOL WITH PRESSURE BALANCED EXPLOSIVES**
[54] **OUTIL DE COUPE A HAUTE ENERGIE AYANT DES EXPLOSIFS A PRESSION EQUILIBREE**
[72] BELL, WILLIAM T., US
[72] RAIRIGH, JAMES, G., US
[71] BELL, WILLIAM T., US
[71] RAIRIGH, JAMES, G., US
[85] 2017-07-26
[86] 2015-09-18 (PCT/US2015/051017)
[87] (WO2016/122720)
[30] US (14/605,829) 2015-01-26
[30] US (14/858,816) 2015-09-18

[21] **2,975,147**
[13] A1
[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 39/395 (2006.01) C12N 5/00 (2006.01) C12N 15/00 (2006.01) C12P 19/34 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR T CELL DELIVERY OF THERAPEUTIC MOLECULES**
[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION A DES CELLULES T DE MOLECULES THERAPEUTIQUES**
[72] ZHAO, YANGBING, US
[72] JUNE, CARL, H., US
[72] LIU, XIAOJUN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-07-26
[86] 2015-10-30 (PCT/US2015/058192)
[87] (WO2016/122738)
[30] US (62/110,489) 2015-01-31

[21] **2,975,151**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/06 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **A NETWORKED COMPUTER SYSTEM FOR REMOTE RFID DEVICE MANAGEMENT AND TRACKING**
[54] **SYSTEME INFORMATIQUE EN RESEAU POUR UNE GESTION ET UN SUIVI DE DISPOSITIF D'IDENTIFICATION PAR RADIOFREQUENCE (RFID) A DISTANCE**
[72] SHOPE, DANIEL LEE, US
[72] SULFARE, JAMES HENRY, JR., US
[72] NEIL, NATHAN JAMES, US
[71] PURPLE DECK MEDIA, INC., US
[85] 2017-07-26
[86] 2016-03-02 (PCT/US2016/020497)
[87] (WO2016/141090)
[30] US (62/127,528) 2015-03-03
[30] US (15/058,965) 2016-03-02

[21] **2,975,152**
[13] A1
[51] **Int.Cl. B62D 33/037 (2006.01) B60P 1/64 (2006.01) B62D 63/08 (2006.01) B65D 88/12 (2006.01)**
[25] EN
[54] **TRAILER TAILGATE STABILIZING MECHANISM**
[54] **MECANISME DE STABILISATION DE HAYON DE REMORQUE**
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[71] TITAN TRAILERS INC., CA
[85] 2017-07-27
[86] 2015-05-13 (PCT/CA2015/050435)
[87] (WO2016/179678)

[21] **2,975,153**
[13] A1
[51] **Int.Cl. C23C 14/10 (2006.01) C23C 14/34 (2006.01) C23C 14/40 (2006.01) C23C 14/44 (2006.01) C23C 14/50 (2006.01)**
[25] EN
[54] **ANODE SHIELD**
[54] **PROTECTION D'ANODE**
[72] MARSHALL, MICHAEL, US
[72] BROWN, JEFF, US
[71] VISION EASE, LP, US
[85] 2017-07-26
[86] 2016-03-17 (PCT/US2016/022979)
[87] (WO2016/149560)
[30] US (62/135,057) 2015-03-18

[21] **2,975,154**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **DOWNHOLE FLOW DIVERSION DEVICE WITH OSCILLATION DAMPER**
[54] **DISPOSITIF DE DEVIATION D'ECOULEMENT DE FOND DE TROU AVEC AMORTISSEUR D'OSCILLATIONS**
[72] CRAMER, DAVID S., CA
[72] HARVEY, MICHAEL J., CA
[72] DEVLIN, DAVID D., CA
[71] GENERAL DOWNHOLE TECHNOLOGIES LTD., CA
[85] 2017-07-27
[86] 2015-11-30 (PCT/CA2015/051244)
[87] (WO2016/134447)
[30] US (62/119,712) 2015-02-23

[21] **2,975,155**
[13] A1
[51] **Int.Cl. H02K 33/18 (2006.01) A61C 17/16 (2006.01) H02K 7/10 (2006.01) H02K 33/02 (2006.01)**
[25] EN
[54] **PERSONAL CLEANING CARE APPLIANCE**
[54] **INSTRUMENT POUR NETTOYAGE ET SOINS PERSONNELS**
[72] DAI, XIAOGUO, CN
[72] XU, ZHENWU, CN
[72] DAI, LING, CN
[71] SHANGHAI SHIFT ELECTRICS CO.,LTD., CN
[85] 2017-07-27
[86] 2015-01-28 (PCT/CN2015/071696)
[87] (WO2016/119136)

[21] **2,975,156**
[13] A1
[51] **Int.Cl. F16K 11/072 (2006.01)**
[25] EN
[54] **MULTI-WAY VALVE**
[54] **VANNE A VOIES MULTIPLES**
[72] WAN, MINGMIN, CN
[72] YAO, JIANSHE, CN
[72] GAO, ZHI, CN
[72] LI, XUEFU, CN
[72] CHEN, YUNZHAO, CN
[71] WUHU KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD, CN
[71] KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD., CN
[85] 2017-07-27
[86] 2015-03-25 (PCT/CN2015/075044)
[87] (WO2016/123845)
[30] CN (201510059233.3) 2015-02-04

[21] **2,975,157**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61P 17/06 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **SULFONAMIDE-SUBSTITUTED INDOLE MODULATORS OF RORC2 AND METHODS OF USE THEREOF**
[54] **MODULATEURS INDOLE DE RORC2 SUBSTITUES PAR SULFONAMIDE ET LEURS PROCEDES D'UTILISATION**
[72] SCHNUTE, MARK EDWARD, US
[72] FLICK, ANDREW CHRISTOPHER, US
[72] JONES, PETER, US
[72] KAILA, NEELU, US
[72] MENTE, SCOT RICHARD, US
[72] TRZUPEK, JOHN DAVID, US
[72] VAZQUEZ, MICHAEL L., US
[72] XING, LI, US
[72] ZHANG, LIYING, US
[72] WENNERSTAL, GORAN MATTIAS, SE
[72] ZAMARATSKI, EDOUARD, SE
[71] PFIZER INC., US
[85] 2017-07-26
[86] 2016-01-29 (PCT/IB2016/050477)
[87] (WO2016/120850)
[30] US (62/110,060) 2015-01-30
[30] US (62/267,350) 2015-12-15

[21] **2,975,160**
[13] A1
[51] **Int.Cl. B01J 23/745 (2006.01) B01J 23/75 (2006.01) B01J 23/889 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **MONODISPERSE TRANSITION METAL NANO-CATALYST FOR FISCHER-TROPSCH SYNTHESIS AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**
[54] **NANOPARTICULES MONODISPERSES DE CATALYSEUR METAL DE TRANSITION POUR SYNTHESE FISCHER-TROPSCH, PROCEDE DE PREPARATION ET APPLICATION CORRESPONDANTES**
[72] CHEN, YILONG, CN
[72] ZHENG, SHENKE, CN
[72] CHEN, JIANGANG, CN
[72] SONG, DECHEN, CN
[72] ZHAN, XIAODONG, CN
[72] ZHANG, YANFENG, CN
[71] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
[85] 2017-07-27
[86] 2016-01-26 (PCT/CN2016/072081)
[87] (WO2016/119669)
[30] CN (201510050801.3) 2015-01-30

[21] **2,975,161**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **COMPUTERIZED SYSTEMS AND METHODS FOR SALES AND MARKETING PROCESS MANAGEMENT**
[54] **SYSTEMES INFORMATISES ET PROCEDES PERMETTANT LA GESTION DE PROCESSUS DE VENTE ET DE MARKETING**
[72] OSTANIK, MATTHEW T., US
[71] OSTANIK, MATTHEW T., US
[71] 100INSIGHTS, INC., US
[85] 2017-07-26
[86] 2015-06-01 (PCT/US2015/033490)
[87] (WO2016/122703)
[30] US (14/607,826) 2015-01-28

[21] **2,975,168**
[13] A1
[51] **Int.Cl. H04L 12/70 (2013.01)**
[25] EN
[54] **MULTI-TUNNELING VIRTUAL NETWORK ADAPTER**
[54] **ADAPTATEUR RESEAU VIRTUEL MULTI-TUNNELS**
[72] GLAZEMAKERS, KURT, BE
[72] ALLANSSON, PER JOHAN, SE
[71] CRYPTZONE NORTH AMERICA, INC., US
[85] 2017-07-26
[86] 2015-12-03 (PCT/US2015/063783)
[87] (WO2016/126313)
[30] US (62/112,457) 2015-02-05
[30] US (14/630,550) 2015-02-24

[21] **2,975,170**
[13] A1
[51] **Int.Cl. A61K 38/04 (2006.01) A61K 8/00 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **OLEANOYL PEPTIDE COMPOSITION AND COLLAGEN ENHANCEMENT**
[54] **COMPOSITION DE PEPTIDE D'OLEANOYLE ET AUGMENTATION DU COLLAGENE**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[71] MAJEED, MUHAMMED, US
[71] NAGABHUSHANAM, KALYANAM, US
[85] 2017-07-26
[86] 2015-12-22 (PCT/US2015/067277)
[87] (WO2016/126343)
[30] US (14/614,538) 2015-02-05

[21] **2,975,171**
[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/08 (2006.01) B01J 20/26 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **SEPARATION OF HYDROCARBONS USING REGENERABLE MACROPOROUS ALKYLENE-BRIDGED ADSORBENT**
[54] **SEPARATION D'HYDROCARBURES A L'AIDE D'UN ADSORBANT MACROPOREUX REGENERABLE A LIAISON ALKYLENE**
[72] RODGERS, MATTHEW L., US
[72] KERN, BRANDON J., US
[72] MATTEUCCI, SCOTT T., US
[72] GOLTZ, H. ROBERT, US
[72] GISCH, DARYL J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-07-26
[86] 2016-01-06 (PCT/US2016/012259)
[87] (WO2016/122843)
[30] US (62/108,110) 2015-01-27

[21] **2,975,183**
[13] A1
[51] **Int.Cl. A01N 43/58 (2006.01) A01N 37/46 (2006.01) A01N 43/713 (2006.01) A01N 43/80 (2006.01) A01N 43/82 (2006.01) A01N 43/90 (2006.01) A01P 3/00 (2006.01) A01P 5/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **PESTICIDAL MIXTURE COMPRISING A PYRAZOLE COMPOUND, AN INSECTICIDE AND A FUNGICIDE**
[54] **MELANGE PESTICIDE COMPRENANT UN COMPOSE PYRAZOLE, UN INSECTICIDE ET UN FONGICIDE**
[72] WILHELM, RONALD, DE
[72] MAZUIR, FLORENT, DE
[72] SOERGEL, SEBASTIAN, DE
[71] BASF SE, DE
[85] 2017-07-27
[86] 2016-02-03 (PCT/EP2016/052218)
[87] (WO2016/128261)
[30] EP (15154717.1) 2015-02-11

[21] **2,975,190**
[13] A1
[51] **Int.Cl. C12N 15/115 (2010.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **EPCAM APTAMERS AND CONJUGATES THEREOF**
[54] **APTAMERES D'EPCAM ET CONJUGUES DESDITS APTAMERES**
[72] SHIGDAR, SARAH, AU
[71] DEAKIN UNIVERSITY, AU
[85] 2017-07-27
[86] 2016-02-11 (PCT/AU2016/050085)
[87] (WO2016/127216)
[30] AU (2015900437) 2015-02-11

[21] **2,975,191**
[13] A1
[51] **Int.Cl. C12N 15/12 (2006.01) A61K 39/42 (2006.01) A61K 48/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **VECTOR CO-EXPRESSING VACCINE AND COSTIMULATORY MOLECULES**
[54] **VECTEUR CO-EXPRIMANT UN VACCIN ET DES MOLECULES CO-STIMULANTES**
[72] SCHREIBER, TAYLOR, US
[72] FROMM, GEORGE, US
[71] HEAT BIOLOGICS, INC., US
[85] 2017-07-26
[86] 2016-02-05 (PCT/US2016/016682)
[87] (WO2016/127015)
[30] US (62/113,153) 2015-02-06
[30] US (62/174,942) 2015-06-12

[21] **2,975,192**
[13] A1
[51] **Int.Cl. C07D 231/18 (2006.01) A61K 31/64 (2006.01) A61P 1/00 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 15/00 (2006.01) A61P 17/00 (2006.01) A61P 25/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07C 311/54 (2006.01) C07C 311/56 (2006.01) C07D 207/38 (2006.01) C07D 213/71 (2006.01) C07D 217/22 (2006.01) C07D 217/24 (2006.01) C07D 235/02 (2006.01) C07D 241/24 (2006.01) C07D 241/44 (2006.01) C07D 249/04 (2006.01) C07D 249/06 (2006.01) C07D 249/12 (2006.01) C07D 261/18 (2006.01) C07D 271/12 (2006.01) C07D 277/36 (2006.01) C07D 307/18 (2006.01) C07D 307/64 (2006.01) C07D 307/82 (2006.01) C07D 309/08 (2006.01) C07D 311/18 (2006.01) C07D 311/60 (2006.01) C07D 317/62 (2006.01) C07D 333/34 (2006.01) C07D 333/62 (2006.01) C07D 401/06 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 407/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 495/06 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **SULFONYLUREAS AND RELATED COMPOUNDS AND USE OF SAME**
[54] **SULFONYLUREES, COMPOSES APPARENTES, ET LEUR UTILISATION**
[72] O'NEILL, LUKE, IE
[72] COLL, REBECCA, AU
[72] COOPER, MATT, AU
[72] ROBERTSON, AVRIL, AU
[72] SCHRODER, KATE, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[71] THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE
[85] 2017-07-27
[86] 2016-02-16 (PCT/AU2016/050103)
[87] (WO2016/131098)
[30] AU (2015900507) 2015-02-16

[21] **2,975,193**
[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) A61B 8/12 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HIGH-RESOLUTION IMAGING**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE A HAUTE RESOLUTION**
[72] YUAN, BAOHONG, US
[72] CHENG, BINGBING, US
[72] WEI, MINGYUAN, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-07-26
[86] 2016-02-08 (PCT/US2016/016941)
[87] (WO2016/127158)
[30] US (14/615,993) 2015-02-06

[21] **2,975,205**
[13] A1
[51] **Int.Cl. E01B 1/00 (2006.01) E01B 29/00 (2006.01) E01B 37/00 (2006.01)**
[25] EN
[54] **FORMWORK SEGMENT**
[54] **SEGMENT DE COFFRAGE**
[72] BOTELLO ROJAS, FAIVER, ES
[72] OSORIO MUNOZ, BLADIMIR, ES
[72] INAREJOS MESA, JAVIER, ES
[71] ACCIONA INFRAESTRUCTURAS, S.A., ES
[85] 2017-07-27
[86] 2015-01-30 (PCT/ES2015/070069)
[87] (WO2016/120504)

[21] **2,975,206**
[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **FACILITY FOR HYDROPONIC CULTIVATION**
[54] **INSTALLATION DE CULTURE HYDROPONIQUE**
[72] BELMONTE MULA, MANUELA, ES
[71] NEW GROWING SYSTEMS, S.L., ES
[85] 2017-07-27
[86] 2016-02-10 (PCT/ES2016/000019)
[87] (WO2016/128593)
[30] ES (P201500105) 2015-02-10

[21] **2,975,213**
[13] A1
[51] **Int.Cl. A63B 71/10 (2006.01)**
[25] EN
[54] **HEAD AND NECK SUPPORT AND RESTRAINT SYSTEM**
[54] **SYSTEME DE SUPPORT ET DE RETENUE DE LA TETE ET DU COU**
[72] COOK, JONATHAN, US
[71] COOK, JONATHAN, US
[85] 2017-07-26
[86] 2016-02-12 (PCT/US2016/017840)
[87] (WO2016/130973)
[30] US (62/115,281) 2015-02-12

[21] **2,975,221**
[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 19/04 (2006.01) A61P 35/00 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHOD OF TREATING DISORDERS REQUIRING DESTRUCTION OR REMOVAL OF CELLS USING A NEURAL THREAD PROTEIN DERIVED PEPTIDE**
[54] **METHODE DE TRAITEMENT D'AFFECTIONS NECESSITANT LA DESTRUCTION OU L'ELIMINATION DE CELLULES A L'AIDE D'UN PEPTIDE DERIVE DE LA PROTEINE NTP**
[72] AVERBACK, PAUL, BS
[71] NYMOX PHARMACEUTICAL CORPORATION, CA
[85] 2017-07-27
[86] 2016-01-27 (PCT/IB2016/050412)
[87] (WO2016/120807)
[30] US (14/606,683) 2015-01-27

[21] **2,975,223**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/7052 (2006.01) A61K 31/713 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MONITORING, DIAGNOSIS, PROGNOSIS, DETECTION, AND TREATMENT OF CANCER**
[54] **COMPOSITIONS ET METHODES POUR LA SURVEILLANCE, LE DIAGNOSTIC, LE PRONOSTIC, LA DETECTION ET LE TRAITEMENT DU CANCER**
[72] SHRIVASTAVA, SHIVANI, US
[71] GLAX LLC, US
[85] 2017-07-27
[86] 2016-02-01 (PCT/IB2016/050495)
[87] (WO2016/120853)
[30] US (62/110,153) 2015-01-30

[21] **2,975,232**
[13] A1
[51] **Int.Cl. G01C 22/00 (2006.01) G01P 15/00 (2006.01) G01P 15/18 (2013.01)**
[25] EN
[54] **A SYSTEM FOR AND A METHOD OF MEASURING A PATH LENGTH USING A HANDHELD ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE MESURER UNE LONGUEUR DE TRAJET A L'AIDE D'UN DISPOSITIF ELECTRONIQUE PORTATIF**
[72] RADAI, MICHAL MIRIAM, IL
[72] ITZHAK, MENI MENASHE, IL
[71] MY SIZE ISRAEL 2014 LTD., IL
[85] 2017-07-27
[86] 2016-02-02 (PCT/IL2016/050114)
[87] (WO2016/125151)
[30] IL (237055) 2015-02-02

[21] **2,975,234**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 27/22 (2006.01) G02B 5/18 (2006.01)**
[25] EN
[54] **VIRTUAL AND AUGMENTED REALITY SYSTEMS AND METHODS HAVING IMPROVED DIFFRACTIVE GRATING STRUCTURES**
[54] **SYSTEMES ET PROCEDES DE REALITE VIRTUELLE ET AUGMENTEE AYANT DES STRUCTURES DE RESEAU DE DIFFRACTION AMELIOREES**
[72] TEKOLSTE, ROBERT D., US
[72] KLUG, MICHAEL A., US
[72] GRECO, PAUL M., US
[72] SCHOWENGERDT, BRIAN T., US
[71] MAGIC LEAP, INC., US
[85] 2017-07-20
[86] 2016-01-26 (PCT/US2016/014988)
[87] (WO2016/123145)
[30] US (62/107,977) 2015-01-26

[21] **2,975,236**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR RAPID DETECTION OF SALMONELLA**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION RAPIDE DE SALMONELLE**
[72] PETERS, LARS E., US
[72] DUTTA, VIKRANT, US
[72] GUERRETTE, THOMAS, US
[72] JUDICE, STEPHEN A., US
[72] PARKER, BRECK O., US
[71] ENVIROLOGIX, INC., US
[85] 2017-07-27
[86] 2015-04-22 (PCT/US2015/027036)
[87] (WO2016/122698)
[30] US (62/110,268) 2015-01-30

[21] **2,975,237**
[13] A1
[51] **Int.Cl. E02D 29/02 (2006.01)**
[25] EN
[54] **A RETAINING WALL METHOD OF PRECAST BLOCK TO PREVENT LANDSLIDE**
[54] **PROCEDE POUR MUR DE SOUTENEMENT DE BLOCS PREFABRIQUES POUR EMPECHER LES GLISSEMENTS DE TERRAIN**
[72] LADKAT, RAJENDRA VITHAL, IN
[71] LADKAT, RAJENDRA VITHAL, IN
[85] 2017-07-27
[86] 2016-02-19 (PCT/IN2016/000045)
[87] (WO2016/132380)
[30] IN (2677/MUM/2014) 2015-02-21

[21] **2,975,238**
[13] A1
[51] **Int.Cl. C12N 15/52 (2006.01)**
[25] EN
[54] **MICROBIAL ERGOTHIONEINE BIOSYNTHESIS**
[54] **BIOXYNTHESE D'ERGOTHIONEINE MICROBIENNE**
[72] HAN, JIXIANG, US
[72] CHEN, HUI, US
[72] YU, OLIVER, US
[71] CONAGEN INC., US
[85] 2017-07-27
[86] 2015-04-28 (PCT/US2015/027977)
[87] (WO2015/168112)
[30] US (61/985,778) 2014-04-29

[21] **2,975,240**
[13] A1
[51] **Int.Cl. B32B 15/14 (2006.01) B32B 27/00 (2006.01)**
[25] EN
[54] **COMPOSITE OF COATED, SHAPED METAL MATERIAL AND CLOTH CONTAINING CHEMICAL FIBERS, AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSITE DE MATERIAU METALLIQUE MIS EN FORME REVETU ET TISSU CONTENANT DES FIBRES CHIMIQUES, ET PROCEDE DE FABRICATION ASSOCIE**
[72] MORIKAWA, SHIGEYASU, JP
[72] FUJII, TAKAHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2017-07-27
[86] 2016-01-26 (PCT/JP2016/000361)
[87] (WO2016/125449)
[30] JP (2015-020261) 2015-02-04

[21] **2,975,241**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/12 (2009.01) H04W 74/02 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, BASE STATION DEVICE, AND TERMINAL DEVICE**
[54] **SYSTEME DE COMMUNICATION SANS FIL, APPAREIL DE STATION DE BASE ET APPAREIL TERMINAL**
[72] TANAKA, YOSHINORI, JP
[71] FUJITSU LIMITED, JP
[85] 2017-07-27
[86] 2015-01-28 (PCT/JP2015/052410)
[87] (WO2016/121041)

[21] **2,975,242**
[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/46 (2006.01) H04L 12/46 (2006.01)**
[25] EN
[54] **SYSTEM, VIRTUALIZATION CONTROL APPARATUS, METHOD FOR CONTROLLING A VIRTUALIZATION CONTROL APPARATUS, AND PROGRAM**
[54] **SYSTEME, DISPOSITIF DE COMMANDE DE VIRTUALISATION, PROCEDE DE COMMANDE DE DISPOSITIF DE COMMANDE DE VIRTUALISATION ET PROGRAMME ASSOCIE**
[72] YOSHIMURA, YUKI, JP
[72] SHINOZAWA, HIROKAZU, JP
[72] KIKUCHI, YOSHIKI, JP
[72] YABUSHITA, NAOYA, JP
[71] NEC CORPORATION, JP
[85] 2017-07-27
[86] 2016-01-26 (PCT/JP2016/052174)
[87] (WO2016/121754)
[30] JP (2015-014615) 2015-01-28

[21] **2,975,243**
[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01) G06F 9/50 (2006.01) G06F 11/20 (2006.01)**
[25] EN
[54] **VIRTUAL NETWORK FUNCTION MANAGEMENT APPARATUS, SYSTEM, HEALING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE GESTION DE FONCTION RESEAU VIRTUELLE, SYSTEME, PROCEDE DE RETABLISSEMENT ET PROGRAMME**
[72] YABUSHITA, NAOYA, JP
[72] MIBU, RYOTA, JP
[72] HASHIGUCHI, ATSUSHI, JP
[72] KANAMORI, ICHIRO, JP
[71] NEC CORPORATION, JP
[85] 2017-07-27
[86] 2016-01-27 (PCT/JP2016/052380)
[87] (WO2016/121830)
[30] JP (2015-014614) 2015-01-28

[21] **2,975,245**
[13] A1
[51] **Int.Cl. C21D 8/12 (2006.01) C21D 9/46 (2006.01) H01F 1/16 (2006.01)**
[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND PRODUCTION METHOD THEREFOR**
[54] **TOLE D'ACIER ELECTRIQUE A GRAINS ORIENTES ET SON PROCEDE DE PRODUCTION**
[72] TAKAJO, SHIGEHIRO, JP
[72] OMURA, TAKESHI, JP
[72] OKABE, SEIJI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-07-27
[86] 2016-02-12 (PCT/JP2016/000745)
[87] (WO2016/136176)
[30] JP (2015-034204) 2015-02-24

[21] **2,975,247**
[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61P 15/00 (2006.01) A61P 31/20 (2006.01) A61P 35/00 (2006.01) C07K 14/025 (2006.01) C12N 1/20 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **LACTIC-ACID-BACTERIA-CONTAINING COMPOSITION, ORAL PHARMACEUTICAL COMPOSITION FOR TREATING HPV INFECTION AND/OR HPV-ASSOCIATED TUMORS, AND MUCOSAL IMMUNITY-INDUCING AGENT**
[54] **COMPOSITION CONTENANT DES BACTERIES DE L'ACIDE LACTIQUE, COMPOSITION PHARMACEUTIQUE ORALE POUR LE TRAITEMENT D'UNE INFECTION PAR LE HPV ET/OU DES TUMEURS ASSOCIEES AU HPV, ET AGENT INDUISANT UNE IMMUNITE DES MUQUEUSES**
[72] KAWANA, KEI, JP
[72] IGIMI, SHIZUNOBU, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] JAPAN HEALTH SCIENCES FOUNDATION, JP
[85] 2017-07-27
[86] 2016-01-28 (PCT/JP2016/052481)
[87] (WO2016/121865)
[30] JP (2015-017407) 2015-01-30

[21] **2,975,248**
[13] A1
[51] **Int.Cl. G06F 11/20 (2006.01) G06F 9/46 (2006.01) G06F 9/50 (2006.01) G06F 13/00 (2006.01)**
[25] EN
[54] **NODE SYSTEM, SERVER APPARATUS, SCALING CONTROL METHOD, AND PROGRAM**
[54] **SYSTEME DE N□UD, DISPOSITIF DE SERVEUR, PROCEDE DE COMMANDE DE MISE A L'ECHELLE ET PROGRAMME**
[72] YOSHIMURA, YUKI, JP
[72] MIYATA, TADAAKI, JP
[72] ZEMBUTSU, HAJIME, JP
[72] SHOJI, TAKUYA, JP
[72] MAGATANI, HIRONORI, JP
[71] NEC CORPORATION, JP
[85] 2017-07-27
[86] 2016-01-29 (PCT/JP2016/052803)
[87] (WO2016/121973)
[30] JP (2015-017718) 2015-01-30

[21] **2,975,249**
[13] A1
[51] **Int.Cl. F16K 31/06 (2006.01) F16K 27/00 (2006.01)**
[25] EN
[54] **ATTACHMENT STRUCTURE FOR SOLENOID VALVE**
[54] **STRUCTURE DE FIXATION POUR UNE VANNE ELECTROMAGNETIQUE**
[72] MUKAI, TOMOAKI, JP
[72] MOCHIZUKI, TETSUYA, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-07-27
[86] 2016-02-22 (PCT/JP2016/055091)
[87] (WO2016/136677)
[30] JP (2015-037085) 2015-02-26

[21] **2,975,252**
[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING DEVICE WITH RELEASE MECHANISM**
[54] **DISPOSITIF DE FABRICATION ADDITIVE AVEC MECANISME DE LIBERATION**
[72] VAN ESBROECK, HUBERTUS THEODORUS PETRUS, SG
[72] TAN, TECK WEE, SG
[72] SHARMA, DEVANSH, SG
[72] LAM, SIU HON, SG
[72] CHIN, KAH FAI, SG
[71] STRUCTO PTE LTD, SG
[85] 2017-07-27
[86] 2016-01-27 (PCT/SG2016/050039)
[87] (WO2016/122408)
[30] GB (1501382.4) 2015-01-28

[21] **2,975,253**
[13] A1
[51] **Int.Cl. A22C 21/02 (2006.01)**
[25] EN
[54] **SCRUBBER SYSTEM**
[54] **SYSTEME DE BROSSAGE**
[72] PULLIAM, TERRY, US
[72] BELL, WILLIAM, US
[71] BRUSH SOLUTIONS, LLC, US
[85] 2017-07-27
[86] 2015-01-27 (PCT/US2015/013135)
[87] (WO2015/113064)
[30] US (61/932,228) 2014-01-27

[21] **2,975,254**
[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01)**
[25] EN
[54] **AIR HANDLING UNIT AND METHOD FOR CONTROLLING A FLOW OF AIR THERETHROUGH**
[54] **UNITE DE TRAITEMENT D'AIR ET PROCEDE DE COMMANDE D'UN FLUX D'AIR A TRAVERS CELLE-CI**
[72] HARRIS, DANIEL, US
[72] SEARLE, NICHOLAS, US
[71] MESTEK, INC., US
[85] 2017-07-27
[86] 2016-01-29 (PCT/US2016/015576)
[87] (WO2016/123445)
[30] US (62/109,709) 2015-01-30
[30] US (62/137,930) 2015-03-25

[21] **2,975,255**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **DRAINAGE BAG SYSTEMS INCLUDING AT LEAST ONE INDICATOR ELEMENT AND METHODS OF USING THE SAME**
[54] **SYSTEMES DE POCHE DE DRAINAGE COMPRENANT AU MOINS UN ELEMENT D'INDICATEUR, ET LEURS PROCEDES D'UTILISATION**
[72] ZANI, PAUL ANTHONY, US
[72] GOHDE, JOHN CHRISTIAN, US
[72] CETRONE, ALLAN JON, US
[72] ROBINSON, URIYAH DUCHUN, US
[71] C.R. BARD, INC., US
[85] 2017-07-27
[86] 2016-01-29 (PCT/US2016/015795)
[87] (WO2016/126555)
[30] US (62/111,088) 2015-02-02
[30] US (62/249,752) 2015-11-02

[21] **2,975,257**
[13] A1
[51] **Int.Cl. A61K 31/57 (2006.01)**
[25] EN
[54] **BILE ACID ANALOGS AS FXR/TGR5 AGONISTS AND METHODS OF USE THEREOF**
[54] **ANALOGUES DE L'ACIDE BILIAIRE UTILISES COMME AGONISTES DE FXR/TGR5 ET LEURS PROCEDES D'UTILISATION**
[72] SHEN, RUICHAO, US
[72] OR, YAT SUN, US
[72] WANG, GUOQIANG, US
[71] ENANTA PHARMACEUTICALS, INC., US
[85] 2017-07-27
[86] 2016-02-11 (PCT/US2016/017554)
[87] (WO2016/130809)
[30] US (62/114,773) 2015-02-11

[21] **2,975,258**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61P 9/00 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **BAG3 AS A TARGET FOR THERAPY OF HEART FAILURE**
[54] **BAG3 EN TANT QUE CIBLE POUR LA THERAPIE DE L'INSUFFISANCE CARDIAQUE**
[72] FELDMAN, ARTHUR M., US
[72] TILLEY, DOUGLAS G., US
[72] ZHU, WEIZHONG, US
[72] KHALILI, KAMEL, US
[72] KOCH, WALTER J., US
[71] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2017-07-27
[86] 2015-01-30 (PCT/US2015/013926)
[87] (WO2015/117010)
[30] US (61/934,483) 2014-01-31

[21] **2,975,259**
[13] A1
[51] **Int.Cl. C08G 61/08 (2006.01)**
[25] EN
[54] **ROMP POLYMERS HAVING IMPROVED RESISTANCE TO HYDROCARBON FLUIDS**
[54] **POLYMERES OBTENUS PAR POLYMERISATION PAR OUVERTURE DE CYCLE PAR METATHESE (ROMP) PRESENTANT UNE RESISTANCE AMELIOREE AUX FLUIDES HYDROCARBONES**
[72] ALLEN, DARYL P., US
[72] CRUCE, CHRISTOPHER J., US
[72] DANFORD, JAMES J., US
[71] MATERIA, INC., US
[85] 2017-07-27
[86] 2016-02-11 (PCT/US2016/017448)
[87] (WO2016/130742)
[30] US (62/116,389) 2015-02-14

[21] **2,975,260**
[13] A1
[51] **Int.Cl. C07D 239/02 (2006.01)**
[25] EN
[54] **ISOTOPOLOGUES OF 2-(TERT-BUTYLAMINO)-4-((1R,3R,4R)-3-HYDROXY-4-METHYLCYCLOHEXYLAMINO)-PYRIMIDINE-5-CARBOXAMIDE**
[54] **ISOTOPOLOGUES DE 2-(TERT-BUTYLAMINO)-4-((1R,3R,4R) -3-HYDROXY-4-METHYLCYCLOHEXYLAMINO)-PYRIMIDINE-5-CARBOXAMIDE**
[72] MAN, HON-WAH, US
[72] KOTHARE, MOHIT ATUL, US
[71] SIGNAL PHARMACEUTICALS LLC, US
[85] 2017-07-27
[86] 2016-01-28 (PCT/US2016/015276)
[87] (WO2016/123291)
[30] US (62/109,096) 2015-01-29

[21] **2,975,261**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/46 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACTS AND METHODS OF MANUFACTURE**
[54] **COMPACTS DE DIAMANT POLYCRISTALLIN ET PROCEDES DE FABRICATION**
[72] SAINI, GAGAN, US
[72] ATKINS, WILLIAM BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-27
[86] 2015-03-10 (PCT/US2015/019577)
[87] (WO2016/144325)

[21] **2,975,263**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **DOSE DIVIDER SYRINGE**
[54] **SERINGUE A SEPARATEUR DE DOSE**
[72] TRAN, HUY, US
[72] CROLL, PERRY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2017-07-27
[86] 2016-02-12 (PCT/US2016/017753)
[87] (WO2016/137764)
[30] US (62/119,912) 2015-02-24

[21] **2,975,264**
[13] A1
[51] **Int.Cl. F16K 17/168 (2006.01)**
[25] EN
[54] **REDUNDANT VALVE SYSTEM**
[54] **SYSTEME DE SOUPAPE REDONDANT**
[72] VILLANUEVA, CARLOS, US
[72] LOPEZ, BILL, US
[71] DUKES AEROSPACE, INC., US
[85] 2017-07-27
[86] 2016-02-12 (PCT/US2016/017685)
[87] (WO2016/133800)
[30] US (62/115,948) 2015-02-16

[21] **2,975,267**
[13] A1
[51] **Int.Cl. A01M 1/14 (2006.01)**
[25] EN
[54] **INSECT PEST MONITOR AND PRODUCT TRANSFER STATION**
[54] **PIEGE A INSECTES RAVAGEURS ET STATION DE TRANSFERT DE PRODUIT**
[72] JOHNSTON, STACI J., US
[72] GARDNER, DOUGLAS B., US
[71] ECOLAB USA INC., US
[85] 2017-07-27
[86] 2016-02-19 (PCT/US2016/018690)
[87] (WO2016/134265)
[30] US (14/626,254) 2015-02-19
[30] US (15/005,642) 2016-01-25

[21] **2,975,271**
[13] A1
[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/165 (2006.01) A61K 31/166 (2006.01) C07D 205/04 (2006.01) C07D 211/08 (2006.01)**
[25] EN
[54] **SALICYLATE INHIBITORS OF MELK AND METHODS OF USE**
[54] **SALICYLATES INHIBITEURS DE MELK ET PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL, US
[72] ZHANG, TINGHU, US
[72] HUANG, HAI-TSANG, US
[72] WANG, YUBAO, US
[72] ZHAO, JEAN, US
[72] CHOI, HWAN, GEUN, KR
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-07-27
[86] 2016-03-04 (PCT/US2016/020858)
[87] (WO2016/141279)
[30] US (62/128,258) 2015-03-04

[21] **2,975,272**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **LONG STROKE PUMPING UNIT**
[54] **UNITE DE POMPAGE A LONGUE COURSE**
[72] ROBISON, CLARK E., US
[72] THOMAS, BENSON, US
[72] HALL, KEVIN, US
[72] CHRISTIAN, SEAN M., US
[72] LEMBCKE, JEFFREY JOHN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-07-27
[86] 2016-01-29 (PCT/US2016/015838)
[87] (WO2016/123579)
[30] US (62/109,144) 2015-01-29
[30] US (62/112,250) 2015-02-05
[30] US (62/114,892) 2015-02-11
[30] US (62/121,821) 2015-02-27

[21] **2,975,274**
[13] A1
[51] **Int.Cl. C07H 23/00 (2006.01) A61K 31/714 (2006.01) G01N 33/82 (2006.01)**
[25] EN
[54] **NOVEL, HEAVY VITAMIN B12 DERIVATIVES**
[54] **NOUVEAUX DERIVES DE VITAMINE B12 LOURDS**
[72] ANDERSON, PETER, AU
[71] CHARLES STURT UNIVERSITY, AU
[85] 2017-07-28
[86] 2015-01-28 (PCT/AU2015/050027)
[87] (WO2016/119004)

[21] **2,975,275**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61B 17/20 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **MICROPROJECTION ARRAY APPLICATOR AND METHOD**
[54] **APPLICATEUR A RESEAU DE MICROPROJECTIONS ET PROCEDE**
[72] JUNGER, MICHAEL CARL, AU
[72] LEMAIRE, PIERRE ARMAND VINCENT, AU
[71] VAXXAS PTY LIMITED, AU
[85] 2017-07-28
[86] 2016-02-02 (PCT/AU2016/050056)
[87] (WO2016/123665)
[30] US (62/110,682) 2015-02-02

[21] **2,975,277**
[13] A1
[51] **Int.Cl. A61K 31/535 (2006.01)**
[25] EN
[54] **TRICYCLIC KINASE INHIBITORS OF MELK AND METHODS OF USE**
[54] **INHIBITEURS DE KINASES TRICYCLIQUES DE MELK ET PROCEDES D'UTILISATION**
[72] GRAY, NATHANAEL, US
[72] ZHANG, TINGHU, US
[72] HUANG, HAI-TSANG, US
[72] WANG, YUBAO, US
[72] ZHAO, JEAN, US
[72] CHOI, HWAN, GEUN, KR
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-07-27
[86] 2016-03-04 (PCT/US2016/020904)
[87] (WO2016/141296)
[30] US (62/128,261) 2015-03-04

[21] **2,975,278**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) A61B 6/12 (2006.01) G01N 23/083 (2006.01)**
[25] EN
[54] **AUXILIARY DEVICE FOR LOCATING, MAPPING AND MICROSCOPICALLY MEASURING NEOPLASIAS**
[54] **DISPOSITIF AUXILIAIRE POUR LA LOCALISATION, LA CARTOGRAPHIE ET LA MESURE MICROSCOPIQUE DE NEOPLASIES**
[72] MOREIRA PEDAO, DIEGO, BR
[72] PIANA DE ANDRADE, VICTOR, BR
[71] FUNDACAO ANTONIO PRUDENTE, BR
[71] MOREIRA PEDAO, DIEGO, BR
[85] 2017-07-28
[86] 2016-03-03 (PCT/BR2016/050047)
[87] (WO2016/141444)
[30] BR (102015004994-3) 2015-03-06

[21] **2,975,281**
[13] A1
[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01)**
[25] EN
[54] **LIMB REHABILITATION DEVICE**
[54] **DISPOSITIF DE READAPTATION DE MEMBRE**
[72] TURNER, PETER ANTHONY, CA
[72] GRADILONE, DINO, CA
[71] REARM INC., CA
[85] 2017-07-28
[86] 2015-11-03 (PCT/CA2015/000566)
[87] (WO2016/070264)
[30] US (62/074,380) 2014-11-03

[21] **2,975,282**
[13] A1
[51] **Int.Cl. B07B 1/00 (2006.01) B01D 46/00 (2006.01) E21B 21/01 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **SCREENED ENCLOSURE WITH VACUUM PORTS FOR USE IN A VACUUM-BASED DRILLING FLUID RECOVERY SYSTEM**
[54] **ENCEINTE A TAMIS A ORIFICES DE VIDE DESTINEE A ETRE UTILISER DANS UN SYSTEME DE RECUPERATION DE FLUIDE DE FORAGE BASE SUR LE VIDE**
[72] IMLER, ALAN ROBERT, CA
[72] LOWE, DEREK JOSEPH, CA
[72] JACKSON, DENNIS LYNN, JR., US
[71] FP MARANGONI INC., CA
[85] 2017-07-28
[86] 2016-01-28 (PCT/CA2016/050070)
[87] (WO2016/119058)
[30] US (62/110,205) 2015-01-30
[30] US (62/189,325) 2015-07-07

[21] **2,975,284**
[13] A1
[51] **Int.Cl. C01B 11/02 (2006.01) B01J 4/00 (2006.01) B01J 8/00 (2006.01) B01J 14/00 (2006.01) C02F 1/72 (2006.01) C02F 1/76 (2006.01) C02F 9/04 (2006.01)**
[25] EN
[54] **SUBMERGIBLE BIOCIDE REACTOR AND METHOD**
[54] **REACTEUR ET PROCEDE POUR BIOCIDE SUBMERSIBLE**
[72] DIMASCIO, FELICE, US
[72] WELLS, DAVID, US
[72] POKOS, MARK, US
[71] ECOLAB USA INC., US
[85] 2017-07-27
[86] 2016-04-22 (PCT/US2016/028778)
[87] (WO2016/172435)
[30] US (62/152,342) 2015-04-24
[30] US (15/135,036) 2016-04-21

[21] **2,975,288**
[13] A1
[51] **Int.Cl. H04B 7/26 (2006.01) B64C 39/02 (2006.01) G08C 17/02 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **COMMUNICATIONS SYSTEM FOR USE WITH UNMANNED AERIAL VEHICLES**
[54] **SYSTEME DE COMMUNICATION DESTINE A ETRE UTILISE AVEC DES VEHICULES AERIENS SANS PILOTE**
[72] PARKS, CURTIS, CA
[72] POLOWICK, CHRIS, CA
[71] ROCKY MOUNTAIN EQUIPMENT CANADA LTD., CA
[85] 2017-07-28
[86] 2016-01-29 (PCT/CA2016/050077)
[87] (WO2016/119064)
[30] US (62/109,318) 2015-01-29

[21] **2,975,290**
[13] A1
[51] **Int.Cl. F21L 14/00 (2006.01) F21V 21/06 (2006.01)**
[25] EN
[54] **PORTABLE MULTI-FUNCTION LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE MULTIFONCTIONNEL PORTATIF**
[72] CHAUVET, ALBERT, US
[72] REISS, ALLAN, US
[72] AIRRIESS, NICK, US
[71] CHAUVET & SONS, INC., US
[85] 2017-07-27
[86] 2016-02-02 (PCT/US2016/016093)
[87] (WO2016/126658)
[30] US (62/110,736) 2015-02-02

[21] **2,975,291**
[13] A1
[51] **Int.Cl. C07D 471/18 (2006.01) A61K 31/4995 (2006.01) C07D 513/18 (2006.01)**
[25] EN
[54] **SUBSTITUTED BRIDGED UREA ANALOGS AS SIRTUIN MODULATORS**
[54] **ANALOGUES D'UREE PONTES SUBSTITUES UTILISES COMME MODULATEURS DE LA SIRTUINE**
[72] BLUM, CHARLES, A., US
[72] CALDWELL, RICHARD DANA, US
[72] CASAUBON, REBECCA, US
[72] DISCH, JEREMY S., US
[72] FOX, RYAN MICHAEL, US
[72] KOPPETSCH, KARSTEN, US
[72] MILLER, WILLIAM HENRY, US
[72] NG, PUI YEE, US
[72] OALMANN, CHRISTOPHER, US
[72] PERNI, ROBERT B., US
[72] SZCZEPANKIEWICZ, BRUCE G., US
[72] WHITE, BRIAN H., US
[71] GLAXOSMITHKLINE LLC, US
[85] 2017-05-16
[86] 2015-11-19 (PCT/US2015/061501)
[87] (WO2016/081692)
[30] US (14/547,861) 2014-11-19

[21] **2,975,292**
[13] A1
[51] **Int.Cl. B32B 27/04 (2006.01) G01S 19/53 (2010.01) B32B 3/12 (2006.01) B64C 1/00 (2006.01) B64C 39/02 (2006.01) F16S 1/10 (2006.01) G01C 11/00 (2006.01)**
[25] EN
[54] **UAV NAVIGATION AND SENSOR SYSTEM CONFIGURATION**
[54] **CONFIGURATION DE SYSTEME DE CAPTEUR ET DE NAVIGATION UAV**
[72] PARKS, CURTIS, CA
[72] POLOWICK, CHRIS, CA
[71] ROCKY MOUNTAIN EQUIPMENT CANADA LTD., CA
[85] 2017-07-28
[86] 2016-01-29 (PCT/CA2016/050078)
[87] (WO2016/119065)
[30] US (62/109,352) 2015-01-29

[21] **2,975,293**
[13] A1
[51] **Int.Cl. C07K 5/062 (2006.01) A61K 38/05 (2006.01) A61P 35/00 (2006.01) C07K 5/06 (2006.01)**
[25] EN
[54] **CYSTARGOLIDE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DE CYSTARGOLIDE ET LEURS UTILISATIONS**
[72] GILL, KRISTA ANN, CA
[72] BERRUE, FABRICE, CA
[72] KERR, RUSSELL GREIG, CA
[71] UNIVERSITY OF PRINCE EDWARD ISLAND, CA
[85] 2017-07-28
[86] 2016-02-02 (PCT/CA2016/050085)
[87] (WO2016/123699)
[30] US (62/111,401) 2015-02-03

[21] **2,975,294**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **EXPANDABLE EPICARDIAL PADS AND DEVICES AND METHODS FOR DELIVERY OF SAME**
[54] **TAMPONS EPICARDIQUES EXPANSIBLES ET DISPOSITIFS ET PROCEDES D'ADMINISTRATION DE CEUX-CI**
[72] VIDLUND, ROBERT M., US
[72] KOVALSKY, IGOR, US
[72] TEGELS, ZACHARY J., US
[72] EKVALL, CRAIG A., US
[71] TENDYNE HOLDINGS, INC., US
[85] 2017-07-27
[86] 2016-02-04 (PCT/US2016/016567)
[87] (WO2016/126942)
[30] US (PCT/US2015/014572) 2015-02-05
[30] US (62/212,803) 2015-09-01

[21] **2,975,295**
[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01) A61B 34/00 (2016.01) A61B 5/00 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CHARACTERIZING TISSUE OF A SUBJECT**
[54] **PROCEDES ET SYSTEMES DE CARACTERISATION D'UN TISSU D'UN SUJET**
[72] GUREVICH, LINA, CA
[72] WALLE-JENSEN, JORGEN, CA
[71] NOVADAQ TECHNOLOGIES INC., CA
[85] 2017-07-28
[86] 2016-02-02 (PCT/CA2016/050092)
[87] (WO2016/123705)
[30] US (62/110,609) 2015-02-02
[30] US (62/174,225) 2015-06-11

[21] **2,975,299**
[13] A1
[51] **Int.Cl. B25B 7/12 (2006.01)**
[25] EN
[54] **CLAMP**
[54] **PINCE**
[72] WANG, MIN, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[85] 2017-07-28
[86] 2015-01-29 (PCT/CN2015/071786)
[87] (WO2016/119154)

[21] **2,975,301**
[13] A1
[51] **Int.Cl. G01N 33/22 (2006.01)**
[25] EN
[54] **HYDROGEL PARTICLES WITH TUNABLE OPTICAL PROPERTIES AND METHODS FOR USING THE SAME**
[54] **PARTICULES D'HYDROGEL PRESENTANT DES PROPRIETES OPTIQUES REGLABLES ET LEURS PROCEDES D'UTILISATION**
[72] KIM, JEFFREY, US
[72] LIU, OLIVER, US
[72] AGRESTI, JEREMY, US
[72] NGUYEN, ANH TUAN, US
[71] SLINGSHOT BIOSCIENCES, INC., US
[85] 2017-07-27
[86] 2016-02-08 (PCT/US2016/017029)
[87] (WO2016/130489)
[30] US (62/114,004) 2015-02-09
[30] US (62/184,192) 2015-06-24

[21] **2,975,302**
[13] A1
[51] **Int.Cl. A01C 1/00 (2006.01) A01N 25/00 (2006.01)**
[25] EN
[54] **ENHANCING THE EFFECTIVENESS OF BLENDED REFUGE**
[54] **PERFECTIONNEMENT APPORTE A L'EFFICACITE D'UN REFUGE EN MELANGE**
[72] ALBERTSEN, MARC C., US
[72] HIGGINS, LAURA SUE, US
[72] TRIMNELL, MARY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-07-27
[86] 2016-02-09 (PCT/US2016/017107)
[87] (WO2016/133742)
[30] US (62/117,685) 2015-02-18

[21] **2,975,304**
[13] A1
[51] **Int.Cl. C22C 30/00 (2006.01) C21D 1/26 (2006.01) F22B 37/10 (2006.01) G21C 1/08 (2006.01)**
[25] EN
[54] **NICKEL-CHROMIUM-IRON ALLOYS WITH IMPROVED RESISTANCE TO STRESS CORROSION CRACKING IN NUCLEAR ENVIRONMENTS**
[54] **ALLIAGES DE NICKEL-CHROME-FER PRESENTANT UNE RESISTANCE AMELIOREE A LA FISSURATION PAR CORROSION SOUS CONTRAINTE DANS DES ENVIRONNEMENTS NUCLEAIRES**
[72] TAPPING, ROBERT L., CA
[72] STAEHLE, ROGER W., US
[72] ARIOKA, KOJI, JP
[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
[85] 2017-07-28
[86] 2016-02-05 (PCT/CA2016/050104)
[87] (WO2016/123715)
[30] US (62/112,879) 2015-02-06

[21] **2,975,306**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **PUCCH CONFIGURATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ATTRIBUTION DE PUCCH**
[72] LI, BINGZHAO, CN
[72] QUAN, WEI, CN
[72] MIAO, JINHUA, CN
[72] YANG, XIAODONG, CN
[72] HU, ZHENXING, CN
[72] ZHANG, JIAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-28
[86] 2015-01-29 (PCT/CN2015/071835)
[87] (WO2016/119173)

[21] **2,975,308**
[13] A1
[51] **Int.Cl. F04D 29/44 (2006.01)**
[25] EN
[54] **DIFFUSER, CENTRIFUGAL COMPRESSION POWER SYSTEM AND BLADELESS FAN**
[54] **DIFFUSEUR, SYSTEME D'ALIMENTATION A COMPRESSION CENTRIFUGE ET VENTILATEUR SANS PALES**
[72] DOU, HAI, CN
[72] MA, LIE, CN
[72] SHAO, CHEN, CN
[71] GD MIDEA ENVIRONMENT APPLIANCES MFG CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2017-07-28
[86] 2015-11-30 (PCT/CN2015/096053)
[87] (WO2016/141738)
[30] CN (201510110206.4) 2015-03-12
[30] CN (201520141692.1) 2015-03-12

[21] **2,975,309**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **CLOSURE DEVICE FOR SEALING PERCUTANEOUS OPENING IN A VESSEL**
[54] **DISPOSITIF DE FERMETURE PERMETTANT D'OBTURER UNE OUVERTURE PERCUTANEE DANS UN VAISSEAU**
[72] JACOBS, PETER, US
[72] HOLMAN, THOMAS, US
[72] KUGLER, CHAD, US
[71] VASCULAR SOLUTIONS, INC., US
[85] 2017-07-27
[86] 2016-02-10 (PCT/US2016/017238)
[87] (WO2016/130610)
[30] US (62/114,101) 2015-02-10

[21] **2,975,310**
[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **IMPLANTABLE LINGUAL SEPTUM FASCIA TRACTION DEVICE AND IMPLANTATION METHOD**
[54] **DISPOSITIF DE TRACTION DE FASCIA DE SEPTUM LINGUAL IMPLANTABLE ET PROCEDE D'IMPLANTATION**
[72] ZHOU, XING, CN
[72] ZHANG, XIANGMIN, CN
[71] ZHOU, XING, CN
[71] ZHANG, XIANGMIN, CN
[85] 2017-07-28
[86] 2015-12-10 (PCT/CN2015/096891)
[87] (WO2016/127697)
[30] CN (201510083183.2) 2015-02-09

[21] **2,975,312**
[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) C07K 14/475 (2006.01) C07K 14/525 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USING A SOLUBLE TNF-ALPHA RECEPTOR MODIFIED FOR INCREASED HALF-LIFE**
[54] **COMPOSITIONS ET METHODES D'UTILISATION D'UN RECEPTEUR TNF-ALPHA SOLUBLE MODIFIE POUR UNE DEMI-VIE ACCRUE**
[72] DATAR, RAJIV, US
[72] EDWARDS, CARL K., III, US
[71] DNX BIOTECH, LLC, US
[85] 2017-07-27
[86] 2015-12-21 (PCT/US2015/067055)
[87] (WO2016/122806)
[30] US (62/108,825) 2015-01-28

[21] **2,975,315**
[13] A1
[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/404 (2006.01) A61P 1/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUNITINIB PRODRUGS AND PHARMACEUTICAL COMPOSITIONS**
[54] **PROMEDICAMENT DE SUNITINIB ET COMPOSITION PHARMACEUTIQUE**
[72] WANG, ZHONG, CN
[72] LI, QING, CN
[71] SOUND BIOPHARMACEUTICALS LTD., CN
[85] 2017-07-28
[86] 2016-01-25 (PCT/CN2016/071951)
[87] (WO2016/119646)
[30] CN (201510045099.1) 2015-01-28

[21] **2,975,316**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR A WIRELESS DEVICE TO RECEIVE DATA IN AN ECO STATE**
[54] **APPAREIL ET PROCEDE DESTINES A UN DISPOSITIF SANS FIL POUR RECEVOIR DES DONNEES DANS UN ETAT D'ECONOMIE**
[72] AU, KELVIN KAR KIN, CA
[72] ZHANG, LIQING, CA
[72] MA, JIANGLEI, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-28
[86] 2016-01-26 (PCT/CN2016/072196)
[87] (WO2016/119686)
[30] US (14/609,707) 2015-01-30

[21] **2,975,318**
[13] A1
[51] **Int.Cl. B63B 3/06 (2006.01) B63B 3/18 (2006.01) B63B 35/00 (2006.01) E01D 15/14 (2006.01) E02B 3/06 (2006.01)**
[25] EN
[54] **FLOATING PLATFORM MODULE**
[54] **MODULE DE PLATE-FORME FLOTTANT**
[72] SIMOLA, CHARLES, US
[71] SIMOLA, CHARLES, US
[85] 2017-07-27
[86] 2016-01-28 (PCT/US2016/015356)
[87] (WO2016/123337)
[30] US (62/108,706) 2015-01-28

[21] **2,975,319**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **NODE, NETWORK CONTROLLER, AND ASSOCIATED METHODS FOR ROUTING DATA PACKETS IN A NETWORK**
[54] **N□UD, CONTROLEUR RESEAU ET PROCEDES ASSOCIES PERMETTANT D'ACHEMINER DES PAQUETS DE DONNEES DANS UN RESEAU**
[72] ASHWOOD-SMITH, PETER, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-28
[86] 2016-01-28 (PCT/CN2016/072547)
[87] (WO2016/119723)
[30] US (14/610,608) 2015-01-30

[21] **2,975,320**
[13] A1
[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **SELF-COMPRESSING SCREWS FOR GENERATING AND APPLYING COMPRESSION WITHIN A BODY**
[54] **VIS A AUTO-COMPRESSION PERMETTANT DE GENERER ET D'APPLIQUER UNE COMPRESSION A L'INTERIEUR D'UN CORPS**
[72] PALMER, MATTHEW, US
[72] NEALON, KAITLYN, US
[72] DEVANEY, ROBERT, US
[72] FONTE, MATTHEW, US
[71] ARTHREX, INC., US
[85] 2017-07-27
[86] 2016-01-28 (PCT/US2016/015432)
[87] (WO2016/123382)
[30] US (62/108,843) 2015-01-28

[21] **2,975,322**
[13] A1
[51] **Int.Cl. G21C 21/02 (2006.01) C25C 3/36 (2006.01) G21C 3/06 (2006.01)**
[25] EN
[54] **FABRICATION OF METALLIC NUCLEAR FUEL**
[54] **FABRICATION DE COMBUSTIBLE NUCLEAIRE METALLIQUE**
[72] WALTERS, LEON C., US
[71] ADVANCED REACTOR CONCEPTS LLC, US
[85] 2017-07-27
[86] 2016-01-21 (PCT/US2016/014307)
[87] (WO2016/122963)
[30] US (62/108,933) 2015-01-28

[21] **2,975,323**
[13] A1
[51] **Int.Cl. E04H 4/12 (2006.01)**
[25] EN
[54] **POOL SKIMMER SYSTEM**
[54] **SYSTEME D'ECUMOIRE DE PISCINE**
[72] SMITH, RONNIE E., US
[71] TOTALLY NEW TECHNOLOGIES LLC, US
[85] 2017-07-27
[86] 2014-07-30 (PCT/US2014/048930)
[87] (WO2015/116249)
[30] US (PCT/US2014/013617) 2014-01-29

[21] **2,975,328**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C12N 9/16 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **SUBSTRATE MOLECULE**
[54] **MOLECULE DE SUBSTRAT**
[72] JUDICE, STEPHEN A., US
[71] ENVIROLOGIX INC., US
[85] 2017-07-27
[86] 2016-01-25 (PCT/US2016/014753)
[87] (WO2016/123029)
[30] US (62/110,237) 2015-01-30

[21] **2,975,329**
[13] A1
[51] **Int.Cl. B62B 3/04 (2006.01) B62B 3/10 (2006.01)**
[25] EN
[54] **PORTABLE FUEL STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE DE CARBURANT PORTABLE**
[72] STUMPF, THOMAS, US
[71] FUELIE SYSTEMS, INC., US
[85] 2017-07-27
[86] 2016-01-26 (PCT/US2016/014815)
[87] (WO2016/123048)
[30] US (14/607,859) 2015-01-28

[21] **2,975,334**
[13] A1
[51] **Int.Cl. B24D 18/00 (2006.01)**
[25] EN
[54] **ANTI-BALLING DRILL BIT AND METHOD OF MAKING SAME**
[54] **TREPAN DE FORAGE ANTI-BOURRAGE ET SON PROCEDE DE FABRICATION**
[72] KUMAR, ANIL, US
[72] ROTHROCK, WALTER R., US
[72] PILLAI, RAJU, US
[71] NATIONAL OILWELL DHT, L.P., US
[85] 2017-07-27
[86] 2016-01-26 (PCT/US2016/014921)
[87] (WO2016/123102)
[30] US (62/109,532) 2015-01-29

[21] **2,975,335**
[13] A1
[51] **Int.Cl. H04N 9/07 (2006.01)**
[25] FR
[54] **MULTISPECTRAL IMAGE CAPTURE DEVICE COMPRISING A FILTER WHEEL**
[54] **APPAREIL DE SAISIE D'IMAGES MULTISPECTRALES COMPRENANT UNE ROUE A FILTRES**
[72] GEORGY, PIERRE-LUC, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
[85] 2017-07-28
[86] 2014-12-24 (PCT/EP2014/079332)
[87] (WO2015/120948)
[30] FR (14 00409) 2014-02-14

[21] **2,975,337**
[13] A1
[51] **Int.Cl. G01N 33/38 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS AND METHODS FOR TESTING AND PREDICTING THE PERFORMANCE OF CONCRETE MIXTURES**
[54] **SYSTEMES, APPAREIL ET PROCEDES DE TEST ET DE PREDICTION DE PERFORMANCE DE MELANGES DE BETON**
[72] RADJY, FARROKH F., US
[71] QUIPIP, LLC, US
[85] 2017-07-27
[86] 2016-01-27 (PCT/US2016/015143)
[87] (WO2016/123228)
[30] US (62/110,040) 2015-01-30

[21] **2,975,346**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/38 (2006.01) G01N 33/569 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANTI-SURROGATE LIGHT CHAIN ANTIBODIES**
[54] **ANTICORPS ANTI-CHAINES LEGERES DE SUBSTITUTION**
[72] HOROWITZ, LAWRENCE, US
[71] I2 PHARMACEUTICALS, INC., US
[85] 2017-07-27
[86] 2016-01-27 (PCT/US2016/015166)
[87] (WO2016/126488)
[30] US (62/111,018) 2015-02-02

[21] **2,975,351**
[13] A1
[51] **Int.Cl. C25D 3/66 (2006.01) C25D 3/06 (2006.01) C25D 3/10 (2006.01) C25D 5/04 (2006.01)**
[25] EN
[54] **ELECTROLYTE FOR ELECTROPLATING**
[54] **ELECTROLYTE POUR PLACAGE ELECTROLYTIQUE**
[72] ABBOTT, ANDREW PETER, GB
[72] RYDER, KARL SCOTT, GB
[72] HARRIS, ROBERT, GB
[71] UNIVERSITY OF LEICESTER, GB
[85] 2017-07-28
[86] 2016-02-03 (PCT/GB2016/050248)
[87] (WO2016/124921)
[30] GB (1501751.0) 2015-02-03

[21] **2,975,358**
[13] A1
[51] **Int.Cl. F16K 1/36 (2006.01) B23P 15/00 (2006.01) B25B 27/24 (2006.01) F16B 4/00 (2006.01) F16K 1/48 (2006.01) F16K 31/50 (2006.01)**
[25] EN
[54] **VALVE STEM AND PLUG CONNECTIONS AND STAKING TOOLS**
[54] **RACCORDEMENTS DE TIGES ET BOUCHONS DE SOUPAPE ET OUTILS DE PIQUETAGE**
[72] ALMAN, PAUL T., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-07-27
[86] 2016-02-11 (PCT/US2016/017445)
[87] (WO2016/130740)
[30] US (62/115,383) 2015-02-12
[30] US (14/957,992) 2015-12-03

[21] **2,975,361**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/06 (2013.01)**
[25] EN
[54] **STENT SEALS AND METHOD OF PRODUCTION**
[54] **JOINTS D'ETANCHEITE DE STENT ET PROCEDE DE PRODUCTION**
[72] FLACTION, LIONEL, CH
[72] DELALOYE, STEPHANE, CH
[72] BIADILLAH, YOUSSEF, CH
[72] HUMAIR, ARNAUD, CH
[71] SYMETIS SA, CH
[85] 2017-07-28
[86] 2016-02-02 (PCT/EP2016/052210)
[87] (WO2016/124615)
[30] EP (15153525.9) 2015-02-02
[30] EP (15164752.6) 2015-04-22
[30] EP (15176367.9) 2015-07-10
[30] EP (15187060.7) 2015-09-28

[21] **2,975,363**
[13] A1
[51] **Int.Cl. C07J 31/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF S-[4-(3-FLUORO-3-METHYLBUTYRYLOXY)BUT-2-YNYL]6.ALPHA.,9.ALPHA.-DIFLUORO-17.ALPHA.-(FURAN-2-YL)CARBONYLOXY-11.BETA.-HYDROXY-16.ALPHA.-METHYL-3-OXOANDROSTA-1,4-DIENE-17.BETA.-CARBOTHIOATE**
[54] **FORME CRISTALLINE DE S-(4-(3-FLUORO-3-METHYLBUTYRYLOXY)BUT-2-YNYL) 6A,9A-DIFLUORO-17B,-(FURANE-2-YL)CARBONYLOXY-11?-HYDROXY-16A-METHYL-3-OXOANDROSTA-1,4-DIENE-17B-CARBOTHIOATE**
[72] PATEL, JITEN RANCHHODBHAI, IN
[72] PATEL, GOPALKUMAR CHIMANLAL, IN
[72] SHETH, GAURAV SANJIVKUMAR, IN
[72] CHITTURI, TRINADHA RAO, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
[85] 2017-07-28
[86] 2016-01-30 (PCT/IN2016/050034)
[87] (WO2016/120894)
[30] IN (323/MUM/2015) 2015-01-31

[21] **2,975,365**
[13] A1
[51] **Int.Cl. C22B 59/00 (2006.01) C22B 3/26 (2006.01) C22B 3/42 (2006.01) C22B 3/44 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING SCANDIUM**
[54] **PROCEDE DE RECUPERATION DE SCANDIUM**
[72] YAMAGUMA, RYOMA, JP
[72] HIGAKI, TATSUYA, JP
[72] NAGAI, HIDEMASA, JP
[72] ASANO, SATOSHI, JP
[72] KOBAYASHI, HIROSHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-07-28
[86] 2015-12-08 (PCT/JP2015/084411)
[87] (WO2016/125386)
[30] JP (2015-018427) 2015-02-02

[21] **2,975,366**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C21D 9/08 (2006.01) C21D 9/50 (2006.01) C22C 38/38 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH ELECTRIC RESISTANCE WELDED STEEL PIPE AND METHOD FOR PRODUCING THE SAME**
[54] **TUYAU EN ACIER SOUDE PAR RESISTANCE ELECTRIQUE A HAUTE RESISTANCE ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
[72] GOTO, SOTA, JP
[72] TOYODA, SHUNSUKE, JP
[72] OKABE, TAKATOSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-07-28
[86] 2016-02-18 (PCT/JP2016/000847)
[87] (WO2016/143270)
[30] JP (2015-044395) 2015-03-06

[21] **2,975,367**
[13] A1
[51] **Int.Cl. H04N 21/45 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO DELIVER A PERSONALIZED MEDIACAST WITH AN UNINTERRUPTED LEAD-IN PORTION**
[54] **SYSTEMES ET PROCEDES POUR DELIVRER UNE DIFFUSION MULTIMEDIA PERSONNALISEE AVEC UNE PARTIE D'ENTREE ININTERROMPUE**
[72] GREEN, ROBERT D., US
[72] KOTT, JAMES M., US
[72] MORRIS, JOHN W., IV, US
[71] WIDEORBIT INC., US
[85] 2017-06-02
[86] 2014-12-05 (PCT/US2014/068876)
[87] (WO2016/089425)

[21] **2,975,368**
[13] A1
[51] **Int.Cl. B65D 75/62 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **PEEL-OPENABLE PACKAGE AND OPENING STRUCTURE FOR PEEL-OPENABLE PACKAGE**
[54] **EMBALLAGE A OUVERTURE PAR ARRACHAGE ET STRUCTURE D'OUVERTURE POUR EMBALLAGE A OUVERTURE PAR ARRACHAGE**
[72] HASHIMOTO, MIKU, JP
[71] FUTURE LABO CO., LTD., JP
[85] 2017-07-28
[86] 2016-01-20 (PCT/JP2016/051545)
[87] (WO2016/121594)
[30] JP (2015-017158) 2015-01-30
[30] JP (2015-146475) 2015-07-24

[21] **2,975,369**
[13] A1
[51] **Int.Cl. C02F 1/78 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **WATER TREATMENT APPARATUS AND WATER TREATMENT METHOD**
[54] **APPAREIL DE TRAITEMENT DE L'EAU ET PROCEDE DE TRAITEMENT DE L'EAU**
[72] YAMAUCHI, TOKIKO, JP
[72] YASUNAGA, NOZOMU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2017-07-28
[86] 2016-01-21 (PCT/JP2016/051714)
[87] (WO2016/121618)
[30] JP (2015-017032) 2015-01-30

[21] **2,975,371**
[13] A1
[51] **Int.Cl. C07D 295/088 (2006.01) A61K 9/127 (2006.01) A61K 31/7088 (2006.01) A61K 45/00 (2006.01) A61K 47/22 (2006.01) A61K 48/00 (2006.01) A61P 43/00 (2006.01) C07D 311/00 (2006.01)**
[25] EN
[54] **CATIONIC LIPID**
[54] **LIPIDE CATIONIQUE**
[72] NAKAI, YUTA, JP
[72] TANGE, KOTA, JP
[72] AKITA, HIDETAKA, JP
[72] HARASHIMA, HIDEYOSHI, JP
[72] TOGASHI, RYOHEI, JP
[72] MIURA, NAOYA, JP
[72] MAETA, MIO, JP
[71] NOF CORPORATION, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[85] 2017-07-28
[86] 2016-01-29 (PCT/JP2016/052690)
[87] (WO2016/121942)
[30] JP (2015-016786) 2015-01-30

[21] **2,975,372**
[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61P 11/02 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **PREVENTIVE AND/OR THERAPEUTIC AGENT FOR IMMUNE DISEASE**
[54] **AGENT PROPHYLACTIQUE ET/OU THERAPEUTIQUE DESTINE A DES MALADIES IMMUNITAIRES**
[72] HOSOI, FUMIHITO, JP
[72] NAKACHI, YOSHINORI, JP
[72] KAJIWARA, DAISUKE, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2017-07-28
[86] 2016-01-29 (PCT/JP2016/052732)
[87] (WO2016/121953)
[30] JP (2015-017386) 2015-01-30

[21] **2,975,373**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 24/10 (2009.01) H04J 1/00 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **USER TERMINAL, RADIO BASE STATION AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL D'UTILISATEUR, STATION DE BASE RADIO ET PROCEDE DE COMMUNICATION RADIO**
[72] HARADA, HIROKI, JP
[72] TAKEDA, KAZUKI, JP
[72] TAKEDA, KAZUAKI, JP
[72] UCHINO, TOORU, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2017-07-28
[86] 2016-02-19 (PCT/JP2016/054782)
[87] (WO2016/133181)
[30] JP (2015-030784) 2015-02-19

[21] **2,975,376**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61P 19/08 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-ALK2 ANTIBODY**
[54] **ANTICORPS ANTI-ALK2**
[72] KATAGIRI, TAKENOBU, JP
[72] OSAWA, KENJI, JP
[72] TSUKAMOTO, SHO, JP
[72] TSUJI, SHINNOSUKE, JP
[72] KAWAGUCHI, YOSHIROU, JP
[72] NAKAMURA, KENSUKE, JP
[71] SAITAMA MEDICAL UNIVERSITY, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2017-07-28
[86] 2016-01-29 (PCT/JP2016/052602)
[87] (WO2016/121908)
[30] JP (2015-017882) 2015-01-30

[21] **2,975,377**
[13] A1
[51] **Int.Cl. C25B 11/02 (2006.01) C25B 1/06 (2006.01) C25B 9/06 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL REACTOR FOR PRODUCING OXYHYDROGEN GAS**
[54] **REACTEUR ELECTROCHIMIQUE POUR LA PRODUCTION DE GAZ OXYHYDROGENE**
[72] DELGADO RODRIGUEZ, LUIS ALFONSO, MX
[71] DELGADO RODRIGUEZ, LUIS ALFONSO, MX
[85] 2017-07-28
[86] 2014-01-31 (PCT/MX2014/000037)
[87] (WO2015/115881)

[21] **2,975,378**
[13] A1
[51] **Int.Cl. A23G 9/00 (2006.01) A23G 9/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR PREPARING ICE CREAM AND LIKE FROZEN PRODUCTS**
[54] **APPAREIL DE PREPARATION DE CREME GLACEE ET DE PRODUITS CONGELES SIMILAIRES**
[72] KATZ, ABRAHAM, IL
[71] MILK CREAM LTD., IL
[85] 2017-07-28
[86] 2016-01-14 (PCT/IL2016/050038)
[87] (WO2016/120861)
[30] IL (237004) 2015-01-29

[21] **2,975,381**
[13] A1
[51] **Int.Cl. E21B 34/02 (2006.01)**
[25] EN
[54] **CHOKE VALVE WEAR MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'USURE D'UNE SOUPAPE D'ETRANGLEMENT**
[72] NIJLAND, JAN WILLEM, NL
[71] EMERSON VULCAN HOLDING LLC, US
[85] 2017-07-28
[86] 2016-01-28 (PCT/US2016/015389)
[87] (WO2016/123356)
[30] US (62/110,176) 2015-01-30

[21] **2,975,382**
[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **DESIGN, SYNTHESIS AND METHODS OF USE OF ACYCLIC FLEXIMER NUCLEOSIDE ANALOGUES HAVING ANTI-CORONAVIRUS ACTIVITY**
[54] **CONCEPTION, SYNTHESE ET PROCEDES D'UTILISATION D'ANALOGUES DE NUCLEOSIDE FLEXIMER ACYCLIQUE PRESENTANT UNE ACTIVITE ANTI-CORONAVIRUS**
[72] RADTKE, KATHERINE L., US
[72] PETERS, HANNAH L., US
[72] NEYTS, JOHAN, BE
[72] JOCHMANS, DIRK, BE
[72] SNIJDER, ERIC J., NL
[71] UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, US
[71] KATHOLIEK UNIVERSITEIT LEUVEN, BE
[71] LIEDEN UNIVERSITY MEDICAL CENTER, NL
[85] 2017-07-28
[86] 2016-01-28 (PCT/US2016/015327)
[87] (WO2016/123318)
[30] US (62/109,667) 2015-01-30
[30] US (62/195,968) 2015-07-23

[21] **2,975,385**
[13] A1
[51] **Int.Cl. A47L 9/04 (2006.01)**
[25] EN
[54] **SURFACE CLEANING HEAD INCLUDING OPENABLE AGITATOR CHAMBER AND REMOVABLE AGITATORS FOR USE THEREIN**
[54] **TETE DE NETTOYAGE DE SURFACE COMPRENANT UNE CHAMBRE D'AGITATEUR POUVANT ETRE OUVERTE ET DES AGITATEURS AMOVIBLES DESTINES A ETRE UTILISES A L'INTERIEUR DE CELLE-CI**
[72] THORNE, JASON B., US
[72] XU, KAI, CN
[72] XU, AIMING, CN
[72] BROWN, ANDRE DAVID, GB
[72] BURKE, BRIAN, US
[72] D'AMICO, MICHAEL, US
[72] HUTCHINSON, PETER, CN
[72] BURKE, ERIN, US
[71] SHARKNINJA OPERATING LLC, US
[85] 2017-07-28
[86] 2016-01-28 (PCT/US2016/015370)
[87] (WO2016/123345)
[30] US (62/110,232) 2015-01-30
[30] US (14/739,915) 2015-06-15
[30] US (14/744,438) 2015-06-19
[30] US (14/801,185) 2015-07-16
[30] US (14/812,734) 2015-07-29
[30] US (14/867,599) 2015-09-28

[21] **2,975,387**
[13] A1
[51] **Int.Cl. A61N 1/39 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **ELECTRICAL SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE ELECTRIQUE**
[72] LLOYD, MICHAEL SHANE, US
[72] LANGBERG, JONATHAN JASON, US
[71] LLOYD, MICHAEL SHANE, US
[71] LANGBERG, JONATHAN JASON, US
[85] 2017-07-28
[86] 2016-02-17 (PCT/US2016/018310)
[87] (WO2016/134045)
[30] US (62/176,381) 2015-02-17

[21] **2,975,388**
[13] A1
[51] **Int.Cl. A23L 2/39 (2006.01) A23L 2/52 (2006.01) A23L 3/46 (2006.01)**
[25] EN
[54] **STABILIZING SORBIC ACID IN BEVERAGE SYRUP**
[54] **STABILISATION DE L'ACIDE SORBIQUE DANS UN SIROP BOISSON**
[72] MUTILANGI, WILLIAM, US
[72] ZHANG, NAIJIE, US
[71] PEPSICO, INC., US
[85] 2017-07-28
[86] 2016-02-18 (PCT/US2016/018424)
[87] (WO2016/134119)
[30] US (14/627,075) 2015-02-20

[21] **2,975,390**
[13] A1
[51] **Int.Cl. H04B 3/56 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **SMART APPLIANCES, INCLUDING ADDRESSABLE ELECTRICAL OUTLETS**
[54] **APPAREILS INTELLIGENTS, COMPRENANT DES SORTIES ELECTRIQUES ADRESSABLES**
[72] DENT, PAUL WILKINSON, US
[72] ZIRBEL, LAWRENCE, US
[71] KOOLBRIDGE SOLAR, INC., US
[85] 2017-07-28
[86] 2016-01-29 (PCT/US2016/015612)
[87] (WO2016/123463)
[30] US (14/608,207) 2015-01-29
[30] US (14/623,454) 2015-02-16

[21] **2,975,393**
[13] A1
[51] **Int.Cl. A01D 34/00 (2006.01) A01D 34/64 (2006.01) A01D 34/66 (2006.01)**
[25] EN
[54] **ELECTRIC MOWER APPARATUS AND METHOD OF USE**
[54] **TONDEUSE ELECTRIQUE ET SON PROCEDE D'UTILISATION**
[72] CONRAD, JOSEPH C., US
[72] CONRAD, MATTHEW C., US
[71] MEAN GREEN PRODUCTS, LLC, US
[85] 2017-07-28
[86] 2016-02-29 (PCT/US2016/020109)
[87] (WO2016/109860)
[30] US (62/098,445) 2014-12-31

[21] **2,975,396**
[13] A1
[51] **Int.Cl. H01M 4/134 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **SILICON-CARBON COMPOSITE ANODE FOR LITHIUM-ION BATTERIES**
[54] **ANODE COMPOSITE SILICIUM-CARBONE POUR PILES AU LITHIUM-ION**
[72] ANDERSEN, HANNE FLATEN, NO
[72] VOJE, JORUNN, NO
[71] ELKEM AS, NO
[85] 2017-07-28
[86] 2016-09-29 (PCT/NO2016/000025)
[87] (WO2017/058024)
[30] NO (20151278) 2015-09-29

[21] **2,975,397**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G01R 31/04 (2006.01) H01R 13/00 (2006.01) H02H 9/00 (2006.01)**
[25] EN
[54] **ELECTRICAL DEVICE INSTALLATION MONITORING IMPROVEMENT**
[54] **AMELIORATION DE LA SURVEILLANCE DE L'INSTALLATION D'UN DISPOSITIF ELECTRIQUE**
[72] GELONESE, DOMENICO, AU
[72] GATTO, RICCARDO, AU
[71] EMBERTEC PTY LTD, AU
[85] 2017-07-31
[86] 2016-01-27 (PCT/AU2016/000015)
[87] (WO2016/119008)
[30] AU (2015900280) 2015-01-30

[21] **2,975,398**
[13] A1
[51] **Int.Cl. A61K 31/535 (2006.01)**
[25] EN
[54] **COMT INHIBITING METHODS AND COMPOSITIONS**
[54] **PROCEDES D'INHIBITION DE LA COMT ET COMPOSITIONS ASSOCIEES**
[72] BARROW, JAMES, US
[72] ERNST, GLEN, US
[72] HUANG, YIFANG, US
[72] BUCHLER, INGRID, US
[72] WEINBERGER, DANIEL, US
[71] LIEBER INSTITUTE FOR BRAIN DEVELOPMENT, US
[85] 2017-07-28
[86] 2016-01-29 (PCT/US2016/015832)
[87] (WO2016/123576)
[30] US (62/109,954) 2015-01-30

[21] **2,975,399**
[13] A1
[51] **Int.Cl. B63B 27/30 (2006.01) B63B 27/10 (2006.01) E02B 17/00 (2006.01)**
[25] EN
[54] **OFFSHORE MATERIAL HANDLING SYSTEM AND MATERIAL HANDLING METHOD**
[54] **SYSTEME DE MANUTENTION EN MER ET PROCEDE DE MANUTENTION**
[72] ENGENE, KNUT, NO
[72] GRANLI, TROND, NO
[72] STUEDAL, ODD INGE, NO
[71] KVÆRNER AS, NO
[85] 2017-07-28
[86] 2016-01-29 (PCT/NO2016/050015)
[87] (WO2016/122334)
[30] NO (20150140) 2015-01-30

[21] **2,975,400**
[13] A1
[51] **Int.Cl. G01R 1/04 (2006.01) H04L 12/02 (2006.01)**
[25] EN
[54] **SENSOR HUB WITH POWER MANAGER**
[54] **CONCENTRATEUR DE CAPTEURS A GESTIONNAIRE DE CONSOMMATION D'ENERGIE**
[72] GELONESE, DOMENICO, AU
[71] EMBERTEC PTY LTD, AU
[85] 2017-07-31
[86] 2016-01-29 (PCT/AU2016/000017)
[87] (WO2016/119010)
[30] AU (2015900282) 2015-01-30

[21] **2,975,402**
[13] A1
[51] **Int.Cl. B27K 3/44 (2006.01) A01N 61/02 (2006.01) B27K 3/34 (2006.01) C08L 95/00 (2006.01)**
[25] EN
[54] **A METHOD AND FORMULATION FOR THE TREATMENT OF TIMBER**
[54] **PROCEDE ET PREPARATION POUR LE TRAITEMENT DE RONDINS DE BOIS**
[72] HUMPHREY, DAVID, AU
[72] SKEWES, BRETT, AU
[72] MCFARLING, SHANE, AU
[71] ARCH WOOD PROTECTION PTY LTD, AU
[85] 2017-07-31
[86] 2016-02-04 (PCT/AU2016/000027)
[87] (WO2016/123655)
[30] AU (2015900334) 2015-02-04

[21] **2,975,403**
[13] A1
[51] **Int.Cl. F28F 9/02 (2006.01) F24D 19/02 (2006.01) F28D 1/04 (2006.01) F28F 1/30 (2006.01)**
[25] EN
[54] **RADIATOR HAVING A REVERSE FLOW MANIFOLD**
[54] **RADIATEUR AYANT UN MANIFOLD A ECOULEMENT INVERSE**
[72] ZARIC, MILUTIN, CA
[72] MEINDL, WOLFGANG PETER, CA
[71] HYDRONIC HEATING TECHNOLOGIES INC., CA
[85] 2017-07-31
[86] 2015-01-30 (PCT/CA2015/000056)
[87] (WO2015/113145)
[30] US (61/934,105) 2014-01-31

[21] **2,975,404**
[13] A1
[51] **Int.Cl. G06T 5/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **COLOUR CONTRAST ENHANCEMENT OF MEDICAL IMAGES BY NON-LINEAR COLOUR MAPPING**
[54] **AMELIORATION DE CONTRASTE DE COULEUR D'IMAGES MEDICALES PAR MAPPAGE DE COULEUR NON-LINEAIRE**
[72] KUCHNIO, PIOTR, BB
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-07-31
[86] 2015-09-02 (PCT/CA2015/050841)
[87] (WO2017/035624)

[21] **2,975,405**
[13] A1
[51] **Int.Cl. H02J 5/00 (2016.01) H02J 50/05 (2016.01) H02J 50/10 (2016.01) H02J 50/12 (2016.01) H02J 50/90 (2016.01) H01F 30/06 (2006.01) H01F 38/14 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **INDUCTIVE POWER TRANSMITTER**
[54] **EMETTEUR DE PUISSANCE INDUCTIF**
[72] CHEN, LIANG, NZ
[71] POWERBYPROXI LIMITED, NZ
[85] 2017-07-28
[86] 2016-02-03 (PCT/NZ2016/050008)
[87] (WO2016/126167)
[30] US (62/111,327) 2015-02-03
[30] US (62/234,556) 2015-09-29

[21] **2,975,406**
[13] A1
[51] **Int.Cl. A61K 33/36 (2006.01) A61K 9/16 (2006.01) A61K 9/48 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **HIGH SURFACE-AREA LYOPHILIZED COMPOSITIONS COMPRISING ARSENIC FOR ORAL ADMINISTRATION IN PATIENTS**
[54] **COMPOSITIONS LYOPHILISEES A SURFACE SPECIFIQUE ELEVEE COMPRENANT DE L'ARSENIC DESTINEES A UNE ADMINISTRATION ORALE CHEZ DES PATIENTS**
[72] KURUMADDALI, KUMAR, US
[72] VADDI, KRISHNA, US
[71] ORSENIX HOLDINGS BV, US
[85] 2017-07-28
[86] 2016-02-01 (PCT/US2016/015917)
[87] (WO2016/123603)
[30] US (62/110,574) 2015-02-01
[30] US (62/142,709) 2015-04-03

[21] **2,975,410**
[13] A1
[51] **Int.Cl. A61K 51/00 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **Y-90-LABELED ANTI-CD22 ANTIBODY (EPRATUZUMAB TETRAXETAN) IN REFRACTORY/RELAPSED ADULT CD22+ B-CELL ACUTE LYMPHOBLASTIC LEUKEMIA**
[54] **ANTICORPS ANTI-CD22 (EPRATUZUMAB TETRAXETAN) MARQUE PAR Y-90 EN CAS DE LEUCEMIE LYMPHOBLASTIQUE AIGUE A CELLULES B CD22+ DE L'ADULTE RECIDIVANTE/REFRACTAIRE**
[72] CHEVALLIER, PATRICE, US
[72] KRAEBER-BODERE, FRANCOISE, US
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[71] CHU DE NANTES, FR
[71] INSERM, FR
[71] UNIVERSITY OF NANTES, FR
[85] 2017-07-28
[86] 2016-04-01 (PCT/US2016/025546)
[87] (WO2016/164264)
[30] US (62/144,000) 2015-04-07

[21] **2,975,411**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR SYNCHRONIZING AND SHARING MEDIA ITEMS**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE SYNCHRONISER ET DE PARTAGER DES ELEMENTS MULTIMEDIAS**
[72] SNIBBE, SCOTT, US
[72] MCDERMOTT, GRAHAM, US
[72] PONCZEC, JUSTIN, US
[72] SCHOEBEN, SPENCER, US
[72] FULTON, JESSE, US
[71] FACEBOOK, INC., US
[85] 2017-07-28
[86] 2015-01-29 (PCT/US2015/013568)
[87] (WO2015/116839)
[30] US (61/934,681) 2014-01-31
[30] US (14/608,097) 2015-01-28

[21] **2,975,413**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/4196 (2006.01) A61K 31/4245 (2006.01) A61P 3/10 (2006.01) C07D 233/56 (2006.01) C07D 233/58 (2006.01) C07D 235/04 (2006.01) C07D 249/08 (2006.01) C07D 309/02 (2006.01)**
[25] EN
[54] **TETRAHYDROPYRANYL BENZAMIDE DERIVATIVES**
[54] **DERIVES DE TETRAHYDROPYRANYLBENZAMIDE**
[72] HU, ZHI LONG, US
[72] LIU, LIAN ZHU, US
[72] MA, TIANWEI, US
[72] ZHANG, HAIZHEN, US
[72] ZHOU, JINGYE, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-07-31
[86] 2016-02-19 (PCT/CN2016/074083)
[87] (WO2016/138821)
[30] CN (PCT/CN2015/073563) 2015-03-03

[21] **2,975,416**
[13] A1
[51] **Int.Cl. G11B 27/031 (2006.01) G11B 27/34 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TOUCH-BASED MEDIA CREATION**
[54] **PROCEDES ET DISPOSITIFS POUR UNE CREATION MULTIMEDIA A BASE TACTILE**
[72] SNIBBE, SCOTT, US
[72] MCDERMOTT, GRAHAM, US
[72] PONCZEC, JUSTIN, US
[72] SCHOEBEN, SPENCER, US
[72] FULTON, JESSE, US
[71] FACEBOOK, INC., US
[85] 2017-07-28
[86] 2015-01-29 (PCT/US2015/013570)
[87] (WO2015/116841)
[30] US (61/934,665) 2014-01-31
[30] US (14/608,099) 2015-01-28

[21] **2,975,417**
[13] A1
[51] **Int.Cl. B62D 63/04 (2006.01) G01N 29/265 (2006.01)**
[25] EN
[54] **DRIVING DEVICE OF ALL-DIRECTIONAL AUTOMATIC WELD SEAM FLAW DETECTION INSTRUMENT AND APPLICATION THEREOF**
[54] **DISPOSITIF D'ENTRAINEMENT D'INSTRUMENT DE DETECTION DE PAILLE DE CORDON DE SOUDURE AUTOMATIQUE OMNIDIRECTIONNEL ET SON APPLICATION**
[72] ZENG, QINGLIANG, CN
[72] YANG, YANG, CN
[72] WAN, LIRONG, CN
[72] AN, NING, CN
[72] MENG, ZHAOSHENG, CN
[72] WANG, GANG, CN
[72] LU, ZHENGUO, CN
[72] LI, WEIMIN, CN
[72] KONG, SHUAI, CN
[72] WANG, XIAOHUAN, CN
[72] WANG, RENHUI, CN
[71] SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
[85] 2017-07-31
[86] 2016-06-03 (PCT/CN2016/084709)
[87] (WO2017/096770)
[30] CN (201510931092.X) 2015-12-11

[21] **2,975,418**
[13] A1
[51] **Int.Cl. A47C 1/02 (2006.01) F16H 25/20 (2006.01)**
[25] EN
[54] **MOTOR ASSEMBLY FOR RECLINING FURNITURE**
[54] **ENSEMBLE MOTEUR POUR MEUBLES INCLINABLES**
[72] GRIGGS, BILLY JOE, JR., US
[71] GRIGGS, BILLY JOE, JR., US
[85] 2017-07-28
[86] 2015-01-29 (PCT/US2015/013622)
[87] (WO2015/116871)
[30] US (61/932,952) 2014-01-29

[21] **2,975,420**
[13] A1
[51] **Int.Cl. G01N 27/06 (2006.01) B81B 1/00 (2006.01) B81B 5/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MICROFLUIDIC SENSING**
[54] **DETECTION MICROFLUIDIQUE**
[72] SELLS, JEREMY, US
[72] MCGUINESS, NICHOLAS MATTHEW COOPER, US
[72] DOMINGUE, CHANTELLE ELIZABETH, US
[72] GIRI, MANISH, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2017-07-28
[86] 2015-01-30 (PCT/US2015/013636)
[87] (WO2016/122552)

[21] **2,975,422**
[13] A1
[51] **Int.Cl. G01N 15/02 (2006.01) B81B 1/00 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **DIAGNOSTIC CHIP**
[54] **PUCE DE DIAGNOSTIC**
[72] MCGUINNESS, NICHOLAS MATTHEW COOPER, US
[72] DOMINGUE, CHANTELLE ELIZABETH, US
[72] SELLS, JEREMY, US
[72] GIRI, MANISH, US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2017-07-28
[86] 2015-01-30 (PCT/US2015/013708)
[87] (WO2016/122572)

[21] **2,975,423**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/72 (2006.01) G01N 35/08 (2006.01)**
[25] EN
[54] **FLUID TESTING CHIP AND CASSETTE**
[54] **CASSETTE ET PUCE DE TEST DE FLUIDE**
[72] GIRI, MANISH, US
[72] DOMINGUE, CHANTELLE E., US
[72] MOLINE, ROBERT J., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2017-07-28
[86] 2015-01-30 (PCT/US2015/013928)
[87] (WO2016/122645)

[21] **2,975,433**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **LOW-ENERGY PROPPANTS FOR DOWNHOLE OPERATIONS**
[54] **AGENTS DE SOUTENEMENT DE FAIBLE ENERGIE POUR OPERATIONS DE FOND DE TROU**
[72] BURKS, JODY MARIE, US
[72] ALWATTARI, ALI, US
[72] KHAMATNUROVA, TATYANA V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-28
[86] 2015-03-12 (PCT/US2015/020189)
[87] (WO2016/144361)

[21] **2,975,438**
[13] A1
[51] **Int.Cl. E21B 17/18 (2006.01) E21B 4/02 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **ACTUATOR CONTROLLED VARIABLE FLOW AREA STATOR FOR FLOW SPLITTING IN DOWN-HOLE TOOLS**
[54] **STATOR A SECTION DE PASSAGE VARIABLE COMMANDEE PAR ACTIONNEUR POUR SEPARATION D'ECOULEMENT DANS DES OUTILS DE FOND DE TROU**
[72] ODEGBAMI, OLUMIDE O., US
[72] JANES, STEPHEN CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-28
[86] 2015-03-31 (PCT/US2015/023729)
[87] (WO2016/160000)

[21] **2,975,441**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTEXTUALIZED DATA PROTECTION**
[54] **SYSTEMES ET PROCEDES POUR LA PROTECTION DE DONNEES CONTEXTUALISEES**
[72] LAFEVER, MALCOLM GARY, US
[72] MYERSON, TED N., US
[72] MASON, STEVEN, US
[71] ANONOS INC., US
[85] 2017-07-28
[86] 2016-02-02 (PCT/US2016/016143)
[87] (WO2016/126690)
[30] US (62/112,654) 2015-02-06
[30] US (62/118,612) 2015-02-20
[30] US (62/127,824) 2015-03-03
[30] US (62/153,392) 2015-04-27
[30] US (62/154,049) 2015-04-28
[30] US (62/161,408) 2015-05-14
[30] US (62/164,013) 2015-05-20
[30] US (62/174,527) 2015-06-12
[30] US (62/181,772) 2015-06-19
[30] US (62/183,606) 2015-06-23
[30] US (62/189,237) 2015-07-07
[30] US (62/193,127) 2015-07-16
[30] US (62/199,292) 2015-07-31
[30] US (62/203,424) 2015-08-11
[30] US (62/210,457) 2015-08-27
[30] US (14/846,167) 2015-09-04

[21] **2,975,442**
[13] A1
[51] **Int.Cl. E21B 17/08 (2006.01) E21B 17/02 (2006.01) E21B 47/12 (2012.01) H01R 13/52 (2006.01)**
[25] EN
[54] **CASING COUPLING HAVING COMMUNICATION UNIT FOR EVALUATING DOWNHOLE CONDITIONS**
[54] **ACCOUPLEMENT DE TUBAGE A UNITE DE COMMUNICATION SERVANT A EVALUER DES CONDITIONS DE FOND DE TROU**
[72] ROBERSON, MARK W., US
[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-31
[86] 2015-03-27 (PCT/US2015/022952)
[87] (WO2016/159931)

[21] **2,975,446**
[13] A1
[51] **Int.Cl. A61F 2/54 (2006.01)**
[25] EN
[54] **BIO-MECHANICAL PROSTHETIC FINGER WITH H-SHAPED ROCKER**
[54] **DOIGT PROTHETIQUE BIO-MECANIQUE A BASCULE EN FORME DE H**
[72] THOMPSON, ROBERT, JR., US
[72] BENGTSSON, JON, US
[72] PETO, ANTHONY CHARLES, US
[72] MACDUFF, CHARLES COLIN, US
[72] MINNIS, SYDNEY TYE, US
[72] KLUMPER, ERIC DENNIS, US
[72] CRITTENDEN, BRADLEY ARTHUR, US
[71] RCM ENTERPRISE, LLC, US
[85] 2017-07-28
[86] 2016-02-02 (PCT/US2016/016219)
[87] (WO2016/126736)
[30] US (62/111,464) 2015-02-03
[30] US (62/209,843) 2015-08-25

[21] **2,975,448**
[13] A1
[51] **Int.Cl. G01S 5/14 (2006.01) H04W 4/02 (2009.01) H04W 64/00 (2009.01) G01S 19/42 (2010.01)**
[25] EN
[54] **RADIO RECEIVER FOR DETERMINING LOCATION OF A SIGNAL SOURCE**
[54] **RECEPTEUR RADIO POUR DETERMINER L'EMPLACEMENT D'UNE SOURCE DE SIGNAL**
[72] BOVARD, REESE STEELE, US
[72] JENSEN, ERIC JOHN, US
[71] CONCENTRIC REAL TIME, LLC, US
[85] 2017-07-28
[86] 2016-02-04 (PCT/US2016/016581)
[87] (WO2016/130399)
[30] US (62/113,700) 2015-02-09

[21] **2,975,451**
[13] A1
[51] **Int.Cl. A47J 43/04 (2006.01) A47J 43/044 (2006.01) A47J 43/046 (2006.01)**
[25] EN
[54] **BLENDER WITH REMOVABLE SPINDLE AND MONITORED RESERVOIR**
[54] **MELANGEUR A BROCHE AMOVIBLE ET RESERVOIR SURVEILLE**
[72] GARDNER, CLAYTON G., US
[72] VOGES, JENS P., US
[72] LAU, SHEK FAI, US
[72] GEPPERT, ANDREW, US
[71] F'REAL FOODS, LLC, US
[85] 2017-07-28
[86] 2016-02-04 (PCT/US2016/016624)
[87] (WO2016/126978)
[30] US (62/112,116) 2015-02-04

[21] **2,975,455**
[13] A1
[51] **Int.Cl. F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **METHOD AND PLANT FOR EXPLOITATION OF THE ENERGY OF A WATER CURRENT**
[54] **PROCEDE ET INSTALLATION POUR L'EXPLOITATION DE L'ENERGIE D'UN COURANT D'EAU**
[72] BORGESEN, ARE, NO
[71] TIDAL SAILS AS, NO
[85] 2017-07-31
[86] 2016-02-02 (PCT/NO2016/050016)
[87] (WO2016/126166)
[30] NO (20150164) 2015-02-05

[21] **2,975,472**
[13] A1
[51] **Int.Cl. A47J 37/01 (2006.01) F24C 7/08 (2006.01) F24C 15/16 (2006.01)**
[25] EN
[54] **COOKING APPLIANCE WITH DIFFERENT MODES FOR COOKING DIFFERENT TYPES OF FOOD PRODUCTS**
[54] **APPAREIL DE CUISSON AVEC DIFFERENTS MODES POUR CUIRE DIFFERENTS TYPES DE PRODUITS ALIMENTAIRES**
[72] SMITH, JACOB DANIEL, US
[72] VAUGHNER, JUSTIN MORGAN, US
[72] CALVALCANTI, VICTOR TENORIO CHAMIXAES, US
[72] EVERETT, DAVID WILLIAM, US
[72] MCNERNEY, GERALD JOSEPH, US
[72] KLOCK, CASEY AARON, US
[71] SPECTRUM BRANDS, INC., US
[85] 2017-07-31
[86] 2016-01-28 (PCT/US2016/015294)
[87] (WO2016/123298)
[30] US (62/110,481) 2015-01-31
[30] US (14/638,447) 2015-03-04

[21] **2,975,488**
[13] A1
[51] **Int.Cl. A61N 1/00 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **MEDICAL APPARATUS INCLUDING AN IMPLANTABLE SYSTEM AND AN EXTERNAL SYSTEM**
[54] **APPAREIL MEDICAL COMPRENANT UN SYSTEME IMPLANTABLE ET UN SYSTEME EXTERNE**
[72] PIVONKA, DANIEL, US
[72] YAKOVLEV, ANATOLY, US
[72] HARTLEY, LEE FASON, US
[72] FLAHERTY, R. MAXWELL, US
[72] FLAHERTY, J. CHRISTOPHER, US
[71] NALU MEDICAL, INC., US
[85] 2017-07-28
[86] 2016-02-05 (PCT/US2016/016888)
[87] (WO2016/127130)
[30] US (62/112,858) 2015-02-06

[21] **2,975,491**
[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61P 25/28 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS OF TREATING BRAIN EDEMA**
[54] **METHODES DE TRAITEMENT DE L'OEDEME CEREBRAL**
[72] SNUTCH, TERRANCE P., CA
[72] RUNGTA, RAVI, CA
[72] HYUN, CHOI, CA
[72] TYSON, JOHN, CA
[72] MACVICAR, BRIAN, CA
[71] SNUTCH, TERRANCE P., CA
[71] RUNGTA, RAVI, CA
[71] HYUN, CHOI, CA
[71] TYSON, JOHN, CA
[71] MACVICAR, BRIAN, CA
[85] 2017-07-28
[86] 2016-02-17 (PCT/US2016/018292)
[87] (WO2016/134032)
[30] US (62/117,287) 2015-02-17
[30] US (62/131,182) 2015-03-10

[21] **2,975,500**
[13] A1
[51] **Int.Cl. G01N 33/24 (2006.01) E21B 49/00 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD AND APPARATUS FOR DETERMINING THE DISPOSITION OF STRUCTURAL FEATURES PRESENT IN BOREHOLE CORES**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA DISPOSITION DE CARACTERISTIQUES STRUCTURELLES PRESENTES DANS DES CAROTTES DE TROUS DE FORAGE**
[72] WILSON, GRANT ALEXANDER, ZA
[72] WILSON, JOHN DAVID, ZA
[72] MULLER, MARTIN, ZA
[71] IMDEX GLOBAL B.V., NL
[85] 2017-07-28
[86] 2016-02-10 (PCT/IB2016/000106)
[87] (WO2016/128820)
[30] ZA (2015/00960) 2015-02-10

[21] **2,975,508**
[13] A1
[51] **Int.Cl. H02J 50/12 (2016.01) H02J 50/80 (2016.01) A61N 1/372 (2006.01) A61N 1/378 (2006.01)**
[25] EN
[54] **INDUCTIVE LINK COIL DE-TUNING COMPENSATION AND CONTROL**
[54] **REGULATION ET COMPENSATION DU DESACCORD DE BOBINES A LIAISON INDUCTIVE**
[72] GRIFFITH, GLEN A., US
[71] THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
[85] 2017-07-31
[86] 2016-02-04 (PCT/US2016/016527)
[87] (WO2016/126918)
[30] US (62/112,066) 2015-02-04

[21] **2,975,515**
[13] A1
[51] **Int.Cl. F01K 23/02 (2006.01) F01K 23/10 (2006.01) F01K 25/02 (2006.01) F02G 5/02 (2006.01)**
[25] EN
[54] **WASTE HEAT RECOVERY AND CONVERSION**
[54] **CONVERSION ET RECUPERATION DE CHALEUR PERDUE**
[72] FILIPPONE, CLAUDIO, US
[71] FILIPPONE, CLAUDIO, US
[85] 2017-07-31
[86] 2016-02-01 (PCT/US2016/015963)
[87] (WO2016/123614)
[30] US (62/125,743) 2015-01-30
[30] US (62/110,596) 2015-02-01

[21] **2,975,516**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/00 (2006.01)**
[25] EN
[54] **METHODS FOR PLASTID TRANSFORMATION**
[54] **PROCEDES DE TRANSFORMATION DE PLASTES**
[72] MARTINELL, BRIAN J., US
[72] O'KEEFE, ANNA MARY, US
[72] SOMERS, DAVID ALAN, US
[72] WILLIAMS, EDWARD JAMES, US
[72] YE, XUDONG, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2017-07-31
[86] 2016-02-04 (PCT/US2016/016639)
[87] (WO2016/126990)
[30] US (62/111,859) 2015-02-04

[21] **2,975,519**
[13] A1
[51] **Int.Cl. E01C 11/02 (2006.01) E04B 1/66 (2006.01) E04B 1/68 (2006.01)**
[25] EN
[54] **EXPANSION JOINT SEAL AND EXPANSION JOINT**
[54] **GARNITURE DE JOINT DE DILATATION ET JOINT DE DILATATION**
[72] HAMILTON, NEIL, US
[72] MOORE, GARY, US
[71] WATSON BOWMAN ACME CORPORATION, US
[85] 2017-07-31
[86] 2016-02-02 (PCT/US2016/016119)
[87] (WO2016/126673)
[30] US (62/110,900) 2015-02-02
[30] US (62/114,268) 2015-02-10

[21] **2,975,520**
[13] A1
[51] **Int.Cl. H05B 1/02 (2006.01) A47J 37/01 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **HEATING APPLIANCE**
[54] **APPAREIL DE CHAUFFAGE**
[72] SMITH, JACOB DANIEL, US
[72] MCNERNEY, GERALD JOSEPH, US
[72] MCCLUNG, WILLIAM JAMES, US
[72] KLOCK, CASEY AARON, US
[71] SPECTRUM BRANDS, INC., US
[85] 2017-07-31
[86] 2016-02-02 (PCT/US2016/016186)
[87] (WO2016/126714)
[30] US (62/110,960) 2015-02-02

[21] **2,975,524**
[13] A1
[51] **Int.Cl. B62D 21/18 (2006.01)**
[25] EN
[54] **MOTORIZED VEHICLE WITH PIVOTING CABIN COMBINING FEATURES OF AUTOMOBILES AND MOTORCYCLES**
[54] **VEHICULE MOTORISE A CABINE PIVOTANTE COMBINANT DES CARACTERISTIQUES D'AUTOMOBILES ET DE MOTOCYCLETTES**
[72] CASGRAIN, DOMINIC, CA
[71] KARV A/M DESIGN, CA
[85] 2017-08-01
[86] 2016-02-12 (PCT/CA2016/050130)
[87] (WO2016/127261)
[30] GB (1502352.6) 2015-02-12

[21] **2,975,526**
[13] A1
[51] **Int.Cl. C12N 15/00 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MONITORING IN REAL-TIME CONSTRUCTION AND BIOENGINEERING OF MAMMALIAN SYNTHETIC CHROMOSOMES**
[54] **COMPOSITIONS ET METHODES POUR LA SURVEILLANCE DE LA CONSTRUCTION EN TEMPS REEL ET DU GENIE GENETIQUE BIOMEDICAL DE CHROMOSOMES SYNTHETIQUES DE MAMMIFERE**
[72] PERKINS, EDWARD, US
[72] GREENE, AMY, US
[71] PERKINS, EDWARD, US
[71] GREENE, AMY, US
[85] 2017-07-31
[86] 2016-02-09 (PCT/US2016/017179)
[87] (WO2016/130568)
[30] US (62/113,707) 2015-02-09

[21] **2,975,528**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 40/04 (2012.01) G06F 21/64 (2013.01)**
[25] EN
[54] **CRYPTO INTEGRATION PLATFORM**
[54] **PLATE-FORME D'INTEGRATION DE CHIFFREMENT**
[72] WILKINS, ALEC, US
[72] FISH, ERIC NATHANIEL, US
[72] LARSON, TRENT NORMAN, US
[72] BYRNE, PATRICK M., US
[71] T0.COM, INC., US
[85] 2017-07-31
[86] 2016-02-05 (PCT/US2016/016845)
[87] (WO2016/190922)
[30] US (62/113,931) 2015-02-09

[21] **2,975,529**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING STRUCTURAL VARIATION AND PHASING USING VARIANT CALL DATA**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER LA VARIATION STRUCTURALE ET LA MISE EN PHASE AU MOYEN DE DONNEES D'APPEL DE VARIANT**
[72] HEATON, WILLIAM HAYNES, US
[72] KYRIAZOPOULOU-PANAGIOTOPOULOU, SOFIA, US
[72] MARKS, PATRICK, US
[72] SCHNALL-LEVIN, MICHAEL, US
[72] ZHENG, XINYING, US
[72] JAROSZ, MIRNA, US
[72] SAXONOV, SERGE, US
[72] GIORDA, KRISTINA, US
[72] MUDIVARTI, PATRICE, US
[72] ORDONEZ, HEATHER, US
[72] TERRY, JESSICA, US
[71] 10X GENOMICS, INC., US
[85] 2017-07-31
[86] 2016-02-09 (PCT/US2016/017196)
[87] (WO2016/130578)
[30] US (62/113,693) 2015-02-09
[30] US (62/120,330) 2015-02-24
[30] US (62/120,247) 2015-02-24
[30] US (62/238,077) 2015-10-06

[21] **2,975,549**
[13] A1
[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/48 (2006.01) A61K 31/202 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **MILLICAPSULE FORMULATIONS COMPRISING POLYUNSATURATED FREE FATTY ACIDS**
[54] **PREPARATIONS EN MILLI-CAPSULES COMPRENANT DES ACIDES GRAS POLYINSATURES LIBRES**
[72] KUBOTA, HIRONORI, JP
[72] CHARLES ROGEAU, ETIENNE THIERRY, FR
[72] AMEMIYA, TORU, JP
[72] MEISSONNIER, JULIEN GEORGES, FR
[72] HOLMEN, ANDERS GILLIS, SE
[72] RADEVIK, ANDREAS, SE
[72] CARLSSON, HANS, SE
[72] SCHANTZ, BENGT STAFFAN, SE
[71] OMTHERA PHARMACEUTICALS INC, US
[85] 2017-07-31
[86] 2016-02-19 (PCT/US2016/018571)
[87] (WO2016/137825)
[30] EP (15305278.2) 2015-02-23

[21] **2,975,555**
[13] A1
[51] **Int.Cl. B44D 3/16 (2006.01) B25F 1/04 (2006.01) B25G 1/10 (2006.01) B26B 1/02 (2006.01) B26B 1/04 (2006.01) B26B 1/10 (2006.01)**
[25] EN
[54] **SWIVEL PREP TOOL**
[54] **OUTIL DE PREPARATION DE PIVOTEMENT**
[72] LEVAND, VICTOR J., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2017-07-31
[86] 2016-03-04 (PCT/US2016/020977)
[87] (WO2016/144791)
[30] US (62/129,495) 2015-03-06

[21] **2,975,559**
[13] A1
[51] **Int.Cl. A01G 9/24 (2006.01) A01G 13/08 (2006.01) F24F 3/12 (2006.01) F24F 3/147 (2006.01) F24F 5/00 (2006.01) F24F 12/00 (2006.01)**
[25] EN
[54] **CONTAINED GROWING SPACE AND ENVIRONMENTAL CONTROL SYSTEM**
[54] **ESPACE DE CULTURE CONFINE ET SYSTEME DE CONTROLE ENVIRONNEMENTAL**
[72] ZIMMERMAN, JOHN, US
[72] WHALEY, CHRISTOPHER, US
[71] HARVEST AIR, LLC, US
[85] 2017-07-31
[86] 2016-10-05 (PCT/US2016/055530)
[87] (WO2017/062476)
[30] US (14/878,066) 2015-10-08

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] **2,935,832**
[13] A1
[51] **Int.Cl. B65D 5/52 (2006.01) A47G 33/12 (2006.01)**
[25] EN
[54] **CONTAINER FOR STORAGE AND DISPLAY**
[54] **CONTENANT DE RANGEMENT ET DE PRESENTATION**
[72] PHILBROOK, MARK C., CA
[72] MONTEITH, COLIN R., CA
[71] PHILBROOK, MARK C., CA
[71] MONTEITH, COLIN R., CA
[22] 2016-07-12
[41] 2017-07-29
[30] CA (2919283) 2016-01-29

[21] **2,940,538**
[13] A1
[51] **Int.Cl. C07D 405/06 (2006.01) C07B 59/00 (2006.01)**
[25] EN
[54] **RADIOACTIVE FLUORINE LABELING PRECURSOR COMPOUND AND METHOD FOR MANUFACTURING RADIOACTIVE FLUORINE LABELED COMPOUND USING THE SAME**
[54] **COMPOSE PRECURSEUR D'ETIQUETAGE DE FLUOR RADIOACTIF ET METHODE DE FABRICATION DE COMPOSE ETIQUETE FLUOR RADIOACTIF EMPLOYANT LEDIT COMPOSE**
[72] TOYAMA, MASAHITO, JP
[72] KIRIU, MASATO, JP
[72] TANAKA, HIROSHI, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[71] TOKYO INSTITUTE OF TECHNOLOGY, JP
[22] 2016-08-29
[41] 2017-03-08
[30] JP (2015-176566) 2015-09-08

[21] **2,946,287**
[13] A1
[51] **Int.Cl. B65G 69/20 (2006.01) C08J 5/16 (2006.01) C09D 195/00 (2006.01) C10C 3/14 (2006.01)**
[25] EN
[54] **BITUMEN SOLIDIFICATION AND PRILLING**
[54] **SOLIDIFICATION DU BITUME ET GRENOLAGE**
[72] GUPTA, SUBODH, CA
[72] HOLMES, MICHAEL N., CA
[72] MACDONALD, ERIC A., CA
[72] WOOD, JENNIFER D., CA
[71] CENOVUS ENERGY INC., CA
[22] 2016-10-25
[41] 2017-04-26
[30] US (62/246,556) 2015-10-26

[21] **2,946,437**
[13] A1
[51] **Int.Cl. G01N 1/18 (2006.01)**
[25] EN
[54] **SPLITTABLE FLUID SAMPLE COLLECTOR**
[54] **COLLECTEUR D'ECHANTILLON DE LIQUIDE SEPARABLE**
[72] BODNER, MOISHE, US
[71] BODNER, MOISHE, US
[22] 2016-10-26
[41] 2017-05-04
[30] US (14/932,718) 2015-11-04

[21] **2,947,705**
[13] A1
[51] **Int.Cl. A61K 33/04 (2006.01) A61K 8/19 (2006.01) A61K 8/44 (2006.01) A61K 8/46 (2006.01) A61K 31/198 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01) A61P 31/00 (2006.01) A61Q 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING POLYMERIC SULFUR AND USES THEREOF**
[54] **COMPOSITIONS RENFERMANT DU SOUFRE POLYMERIQUE ET UTILISATIONS ASSOCIEES**
[72] DUNN, KELLY, US
[72] FASSIH, ALI, US
[72] EKMAN-GUNN, EUEN T., US
[72] LI, WEN-HWA, US
[72] PARSA, RAMINE, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2016-11-07
[41] 2017-06-02
[30] US (14/956,883) 2015-12-02

[21] **2,948,166**
[13] A1
[51] **Int.Cl. C10G 49/18 (2006.01)**
[25] EN
[54] **PHOTOCHEMICAL HYDROGENATION OF HEAVY FRACTIONS OF HYDROCARBON STREAMS**
[54] **HYDROGENATION PHOTOCHIMIQUE DE FRACTIONS LOURDES DE FLUX D'HYDROCARBURE**
[72] CORREA, RODRIGO JOSE, BR
[72] FLEMING, FELIPE PEREIRA, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[71] UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, BR
[22] 2016-11-09
[41] 2017-05-10
[30] BR (BR 10 2015 028294-0) 2015-11-10

[21] **2,948,370**
[13] A1
[51] **Int.Cl. C07C 273/04 (2006.01) C01B 3/48 (2006.01) C01B 3/50 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURE OF UREA**
[54] **PROCEDE DE FABRICATION D'UREE**
[72] MABROUK, RACHID, DE
[72] WAWRZINEK, KLEMENS, DE
[72] VOSS, CHRISTIAN, DE
[72] SCHWARZHUBER, JOSEF, DE
[72] SELIGER, ANDREAS, DE
[72] SCHURER, BENEDIKT, DE
[72] SALAZAR DUARTE, GABRIEL, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2016-11-15
[41] 2017-06-01
[30] DE (102015015524.5) 2015-12-01

[21] **2,948,726**
[13] A1
[51] **Int.Cl. C10L 1/04 (2006.01) C08J 3/20 (2006.01) C08L 95/00 (2006.01) C10C 3/08 (2006.01) C10G 21/14 (2006.01) F02C 3/20 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD OF USE OF VTAE**
[54] **COMPOSITION ET METHODE D'UTILISATION DE DILUEUR D'ASPHALTE POUR COLONNE DE DISTILLATION SOUS VIDE**
[72] BOULDIN, MARK G., US
[72] GRZYBOWSKI, KENNETH FRANCIS, US
[72] LEWIS, STEPHEN CAREY, US
[72] MARTIN, JEAN-VALERY, US
[72] PALMER, WILLIAM ALLEN, US
[71] KLEEN PERFORMANCE PRODUCTS, INC., US
[22] 2016-11-17
[41] 2017-05-17
[30] US (62/256,549) 2015-11-17
[30] US (62/289,166) 2016-01-29
[30] US (62/407,874) 2016-10-13

[21] **2,948,739**
[13] A1
[51] **Int.Cl. G01N 21/17 (2006.01) G01N 9/24 (2006.01) G01N 21/59 (2006.01) G01S 17/89 (2006.01)**
[25] EN
[54] **IMAGING SYSTEM FOR FUEL TANK ANALYSIS**
[54] **SYSTEME D'IMAGERIE DESTINE A L'ANALYSE DE RESERVOIR DE CARBURANT**
[72] ZAKRZEWSKI, RADOSLAW, US
[72] MILLER, MARK SHERWOOD, US
[72] LYNCH, MICHAEL A., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-11-16
[41] 2017-08-04
[30] US (15/015,837) 2016-02-04

[21] **2,948,777**
[13] A1
[51] **Int.Cl. C07C 69/34 (2006.01) C10M 105/38 (2006.01) C10M 105/40 (2006.01) C10M 105/42 (2006.01)**
[25] EN
[54] **BRANCHED DIESTERS AND METHODS OF MAKING AND USING THE SAME**
[54] **DIESTERS RAMIFIES ET METHODE DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] NARINE, SURESH, CA
[72] BOUZIDI, LAZIZ, CA
[72] RAGHUNANAN, LATCHMI, CA
[71] TRENT UNIVERSITY, CA
[22] 2016-11-16
[41] 2017-05-16
[30] US (62/255582) 2015-11-16

[21] **2,950,668**
[13] A1
[51] **Int.Cl. B08B 9/093 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOVING MATERIAL FROM A BODY OF LIQUID**
[54] **APPAREIL D'ELIMINATION DE MATIERE D'UN VOLUME DE LIQUIDE**
[72] VLAHOGEORGE, JOHN T., US
[71] VLAHOGEORGE, JOHN T., US
[22] 2016-12-06
[41] 2017-07-28
[30] US (15/008,568) 2016-01-28

[21] **2,952,943**
[13] A1
[51] **Int.Cl. B65D 33/25 (2006.01) B65D 30/22 (2006.01)**
[25] EN
[54] **RECLOSEABLE BAG WITH HEADER**
[54] **SAC REFERMABLE DOTE D'UN ENTETE**
[72] CHANG, LI-YUNG, US
[72] LI, HSIAOLEI, US
[71] INTEPLAST GROUP CORPORATION, US
[22] 2016-12-30
[41] 2017-07-29
[30] US (15/011,194) 2016-01-29
[30] US (15/393,502) 2016-12-29

[21] **2,955,545**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A21D 2/36 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1315673**
[54] **CULTIVAR DE SOYA AR1315673**
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-02
[30] US (15/012,894) 2016-02-02

[21] **2,955,555**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A21D 2/36 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1310304**
[54] **CULTIVAR DE SOYA AR1310304**
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID S., CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-05
[30] US (15/016,319) 2016-02-05

[21] **2,955,561**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A21D 2/36 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1210501**
[54] **CULTIVAR DE SOYA AR1210501**
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-04
[30] US (15/015,248) 2016-02-04

[21] **2,955,923**
[13] A1
[51] **Int.Cl. C09D 133/12 (2006.01) C09D 5/33 (2006.01) C09D 7/12 (2006.01) C09D 7/14 (2006.01)**
[25] EN
[54] **PAVEMENT MARKING METHOD AND COMPOSITION**
[54] **METHODE DE MARQUAGE DE LA CHAUSSEE ET COMPOSITION**
[72] BOISE, LAWRENCE H., US
[72] SCHULTZ, STEPHEN S., US
[71] FRANKLIN PAINT COMPANY, LLC, US
[22] 2017-01-23
[41] 2017-07-28
[30] US (15/008,636) 2016-01-28

[21] **2,956,143**
[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/42 (2006.01)**
[25] EN
[54] **VIBRATORY APPARATUS WITH DECK PANEL AND ASSEMBLY METHOD**
[54] **APPAREIL VIBRATOIRE DOTE D'UN PANNEAU DE PLATEFORME ET METHODE D'ASSEMBLAGE**
[72] QUINN, KERRY WILLIAM, US
[72] MASSMAN, STEVE, US
[72] HEALLESS, JUSTEN, US
[71] GENERAL KINEMATICS CORPORATION, US
[22] 2017-01-25
[41] 2017-07-25
[30] US (15/007,935) 2016-01-27

[21] **2,956,215**
[13] A1
[51] **Int.Cl. B05D 5/00 (2006.01) B05D 1/02 (2006.01) B65D 90/24 (2006.01)**
[25] EN
[54] **SECONDARY CONTAINMENT PANELS AND PROCESS FOR MAKING AND INSTALLING SAME**
[54] **PANNEAUX DE RETENUE SECONDAIRES ET PROCEDE DE FABRICATION ET D'INSTALLATION**
[72] WHITENER, MICHAEL, US
[71] TITELINE LLC, US
[22] 2017-01-26
[41] 2017-07-26
[30] US (15/006,616) 2016-01-26

[21] **2,956,246**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **SAFETY ANCHOR**
[54] **ANCRAGE DE SECURITE**
[72] GOODER, JAMES, GB
[71] QBM DISTRIBUTORS LTD, GB
[22] 2017-01-26
[41] 2017-07-29
[30] GB (1601680.0) 2016-01-29

[21] **2,956,411**
[13] A1
[51] **Int.Cl. B65D 5/32 (2006.01)**
[25] EN
[54] **CONTAINERS WITH ROLLOVER SIDE WALLS AND REINFORCED CORNERS**
[54] **CONTENANTS DOTES DE PAROIS LATERALES DEROULANTES ET DE COINS RENFORCES**
[72] SMITH, KENNETH C., US
[71] WESTROCK SHARED SERVICES, LLC, US
[22] 2017-01-26
[41] 2017-07-28
[30] US (15/009671) 2016-01-28

[21] **2,956,416**
[13] A1
[51] **Int.Cl. B65D 5/32 (2006.01)**
[25] EN
[54] **CONTAINER WITH A REINFORCEMENT STRUCTURE AND METHOD OF FORMING THE SAME**
[54] **CONTENANT DOTE D'UNE STRUCTURE DE RENFORT ET METHODE DE FORMAGE ASSOCIEE**
[72] AGUIRRE, RAY, US
[71] WESTROCK SHARED SERVICES, LLC, US
[22] 2017-01-26
[41] 2017-07-27
[30] US (62/287740) 2016-01-27

[21] **2,956,486**
[13] A1
[51] **Int.Cl. A47J 43/20 (2006.01) A23P 30/10 (2016.01) A47J 37/01 (2006.01) B29C 33/00 (2006.01) F25C 1/24 (2006.01)**
[25] FR
[54] **FABRICATION PROCESS FOR A FLEXIBLE MOULD WITH A PERIPHERAL STIFFENER, AND MOULD RESULTING FROM THE SAID PROCESS**
[54] **PROCEDE DE FABRICATION D'UN MOULE FLEXIBLE A RAIDISSEUR PERIPHERIQUE, ET MOULE RESULTANT DUDIT PROCEDE**
[72] VIANCIN, JEAN-CHARLES, CN
[71] VIANCIN, JEAN-CHARLES, CN
[22] 2017-01-26
[41] 2017-07-28
[30] FR (16 50676) 2016-01-28

[21] **2,956,555**
[13] A1
[51] **Int.Cl. B08B 13/00 (2006.01) B08B 9/04 (2006.01)**
[25] EN
[54] **DRAIN CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE DRAIN**
[72] BECK, HAROLD KENT, US
[72] AHUJA, SANJAY, US
[72] HODGSON, STEPHEN S., US
[71] PF WATERWORKS LP, US
[22] 2017-01-26
[41] 2017-07-28
[30] US (15/009,613) 2016-01-28
[30] US (62/420,552) 2016-11-10

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,956,600**
[13] A1
[51] **Int.Cl. B65D 5/32 (2006.01)**
[25] EN
[54] **SAG-RESISTANT CONTAINERS AND BLANKS FOR MAKING THE SAME**
[54] **CONTENANTS RESISTANT A L'AFFAISSEMENT ET EBAUCHES SERVANT A LEUR FABRICATION**
[72] BUSCEMA, CRAIG W., US
[71] WESTROCK SHARED SERVICES, LLC, US
[22] 2017-01-30
[41] 2017-08-01
[30] US (62/289650) 2016-02-01

[21] **2,957,059**
[13] A1
[51] **Int.Cl. A23K 30/20 (2016.01) A23K 10/20 (2016.01) A23K 10/30 (2016.01) A23K 20/00 (2016.01)**
[25] EN
[54] **ANIMAL FOOD AND METHOD FOR PREPARING SAME**
[54] **ALIMENTATION ANIMALE ET METHODE DE PREPARATION ASSOCIEE**
[72] GOLDSTEIN, ROBERT, US
[71] GOLDSTEIN, ROBERT, US
[22] 2017-02-06
[41] 2017-08-05
[30] US (15/017258) 2016-02-05

[21] **2,957,101**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A23L 2/00 (2006.01) A47J 31/00 (2006.01) A23F 3/00 (2006.01) A23F 5/00 (2006.01) A47J 31/24 (2006.01)**
[25] EN
[54] **BEVERAGE BREWING DEVICE FOR BREWING AND REMOVAL OF DIFFERENT SIZED BEVERAGE CAPSULES**
[54] **APPAREIL D'INFUSION DE BOISSON ET EXTRACTION DE CAPSULES DE BOISSON DE DIFFERENTES TAILLES**
[72] BRANDSMA, DAVID L., US
[72] WEBSTER, JOSEPH P., US
[71] NEWCO ENTERPRISES, INC., US
[22] 2017-02-03
[41] 2017-08-04
[30] US (14/998,711) 2016-02-04

[21] **2,957,103**
[13] A1
[51] **Int.Cl. B29C 45/26 (2006.01) B22D 7/00 (2006.01) B29C 45/17 (2006.01) C21D 8/00 (2006.01) C22C 38/04 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01)**
[25] EN
[54] **PLASTIC INJECTION MOLD TOOLING AND A METHOD OF MANUFACTURE THEREOF**
[54] **OUTILLAGE DE MOULAGE PAR INJECTION DE PLASTIQUE ET METHODE DE FABRICATION ASSOCIEE**
[72] LAPIERRE-BOIRE, LOUIS-PHILIPPE, CA
[71] SOREL FORGE CO., CA
[71] A. FINKL & SONS CO., US
[22] 2017-02-06
[41] 2017-08-05
[30] US (14/998,701) 2016-02-05

[21] **2,963,200**
[13] A1
[51] **Int.Cl. C10C 3/00 (2006.01) C10C 3/10 (2006.01) C10C 3/12 (2006.01) C10G 1/00 (2006.01)**
[25] EN
[54] **DEGIGN AND OPERATION OF OLEOPHILIC SEPARATORS USING LONG OLEOPHILIC PIPES, TUBES OR RODS INSTEAD OF OLEOPHILIC BALLS**
[54] **CONCEPT ET EXPLOITATION DE SEPARATEURS OLEOPHILES EMPLOYANT DES TUYAUX, DES TUBES OU DES TIGES OLEOPHILES LONGS AU LIEU DE BALLES OLEPHILES**
[72] KRUYER, JAN, CA
[71] KRUYER, JAN, CA
[22] 2017-03-31
[41] 2017-06-14

[21] **2,968,078**
[13] A1
[51] **Int.Cl. B01D 21/00 (2006.01) B03B 9/02 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING MFT USING ULTRA-THIN-LAYER DRYING**
[54] **METHODE ET APPAREIL DE TRAITEMENT DE MFT AU MOYEN DE SECHAGE PAR COUCHE ULTRA MINCE**
[72] MCLEOD, COLIN D., CA
[71] DRY TAILINGS INCORPORATED, CA
[22] 2017-05-23
[41] 2017-07-25

[21] **2,968,407**
[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01) A61J 7/00 (2006.01) G06F 19/00 (2011.01)**
[25] FR
[54] **SYSTEM WITH OFFSET PLANES ALLOWING THE CONTENTS OF ONE OR SEVERAL COMPARTMENTS OF A MEDICATION DISTRIBUTOR TO BE MONITORED, CORRESPONDING FABRICATION METHODS AND USES**
[54] **SYSTEMES A PLANS DECALES PERMETTANT DE CONTROLER LE CONTENU D'UN OU DE PLUSIEURS COMPARTIMENTS(S) D'UN DISTRIBUTEUR DE MEDICAMENTS, METHODES DE FABRICATION ET D'UTILISATION CORRESPONDANTES**
[72] GROSFILS, MATTHIEU, CA
[71] GROSFILS, MATTHIEU, CA
[22] 2017-05-26
[41] 2017-07-27

[21] **2,971,836**
[13] A1
[51] **Int.Cl. A61L 27/14 (2006.01) A61B 17/04 (2006.01) A61L 17/00 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **METHOD OF INCREASING FILM TEAR STRENGTH**
[54] **PROCEDE D'AUGMENTATION DE LA RESISTANCE AU DECHIREMENT D'UN FILM**
[72] TOWLER, JEFFREY, US
[71] W. L. GORE & ASSOCIATES, INC., US
[22] 2011-09-09
[41] 2012-03-15
[62] 2,810,672
[30] US (61/381,286) 2010-09-09

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[21] **2,971,931**
[13] A1
[51] **Int.Cl. A61K 38/06 (2006.01) A01N 1/02 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING OXIDATIVE DAMAGE**
[54] **METHODES DE REDUCTION DE LESIONS PAR OXYDATION**
[72] SZETO, HAZEL H., US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[22] 2005-01-21
[41] 2005-08-11
[62] 2,887,797
[30] US (60/538841) 2004-01-23

---

[21] **2,972,651**
[13] A1
[51] **Int.Cl. C08J 11/18 (2006.01) C12N 9/14 (2006.01) C12N 9/48 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR DEGRADING BIODEGRADABLE RESIN**
[54] **PROCEDE DE DEGRADATION D'UNE RESINE BIODEGRADABLE**
[72] KATAYAMA, TSUTAKI, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[22] 2014-09-25
[41] 2015-04-02
[62] 2,924,964
[30] JP (2013-202295) 2013-09-27
[30] JP (2013-202296) 2013-09-27

---

[21] **2,973,124**
[13] A1
[51] **Int.Cl. G01N 27/416 (2006.01) C12Q 1/00 (2006.01) G01N 27/403 (2006.01)**
[25] EN
[54] **CONCENTRATION DETERMINATION IN A DIFFUSION BARRIER LAYER**
[54] **DETERMINATION DE LA CONCENTRATION DANS UNE COUCHE BARRIERE DE DIFFUSION**
[72] WU, HUAN-PING, US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[22] 2005-10-12
[41] 2006-04-20
[62] 2,887,517
[30] US (60/617,889) 2004-10-12
[30] US (60/655,180) 2005-02-22

---

[21] **2,973,241**
[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01)**
[25] EN
[54] **BRACHYTHERAPY APPARATUS AND METHODS FOR USING THEM**
[54] **APPAREIL DE BRACHYTHERAPIE ET PROCEDES POUR SON UTILISATION**
[72] HERMANN, GEORGE D., US
[72] CHI SING, EDUARDO, US
[72] LEBOVIC, GAIL S., US
[72] COLE, MARK A., US
[72] RITCHART, MARK A., US
[72] NGUYEN, THAN, US
[71] CIANNA MEDICAL, INC., US
[22] 2006-11-06
[41] 2007-05-18
[62] 2,629,182
[30] US (60/735649) 2005-11-10
[30] US (11/276851) 2006-03-16

---

[21] **2,973,254**
[13] A1
[51] **Int.Cl. G07C 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING VOTING DEVICES**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DES APPAREILS DE VOTATION**
[72] BOLTON, STEVE, US
[72] CARBULLIDO, KENNETH, US
[71] ELECTION SYSTEMS & SOFTWARE, LLC, US
[22] 2014-03-14
[41] 2014-09-15
[62] 2,846,699
[30] US (61/789410) 2013-03-15
[30] US (14/142237) 2013-12-27

---

[21] **2,973,262**
[13] A1
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/22 (2006.01)**
[25] EN
[54] **DRILL STRING COMPONENTS HAVING MULTIPLE-THREAD JOINTS**
[54] **COMPOSANTS DE TRAIN DE TIGES DE FORAGE PRESENTANT DES JOINTS A FILETAGES MULTIPLES**
[72] DRENTH, CHRISTOPHER L., CA
[71] BLY IP INC., US
[22] 2013-09-13
[41] 2014-03-20
[62] 2,884,798
[30] US (61/700,401) 2012-09-13

---

[21] **2,973,781**
[13] A1
[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/02 (2006.01) A61B 6/03 (2006.01) H01J 35/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IMAGING IN CONJUNCTION WITH RADIOTHERAPY**
[54] **PROCEDES ET APPAREIL D'IMAGERIE COMBINES A LA RADIOTHERAPIE**
[72] ROBAR, JAMES LEONARD, CA
[72] MACDONALD, ALEXANDER OWEN, CA
[71] DALHOUSIE UNIVERSITY, CA
[22] 2011-03-07
[41] 2012-09-07
[62] 2,733,415

[21] **2,973,920**
[13] A1
[51] **Int.Cl. E04F 11/16 (2006.01) F21S 4/20 (2016.01) E04F 11/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **KIT OF PARTS FOR TRIMMING STEP EDGES**
[54] **TROUSSE DE PIECES DE COUPE DE BORDURES ETAGEES**
[72] HALISCHUK, CORY, CA
[71] HALISCHUK, CORY, CA
[22] 2015-06-29
[41] 2016-12-29
[62] 2,895,675

---

[21] **2,973,975**
[13] A1
[51] **Int.Cl. A61B 17/06 (2006.01) A61B 17/04 (2006.01) B26D 1/14 (2006.01) B26D 3/11 (2006.01)**
[25] EN
[54] **APPARATUS FOR FORMING BARBS ON A SUTURE**
[54] **APPAREIL POUR FORMER DES BARBES SUR UNE SUTURE**
[72] TRULL, MICHAEL, US
[72] GENOVA, PERRY A., US
[72] WILLIAMS, ROBERT C., III, US
[72] LEUNG, JEFFREY C., US
[72] MEGARO, MATTHEW A., US
[72] BATCHELOR, STANTON, US
[72] CORSON, ANDREW, US
[71] ETHICON, LLC, US
[22] 2004-05-13
[41] 2004-11-25
[62] 2,854,710
[30] US (10/437,144) 2003-05-13

---

[21] **2,973,994**
[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/0404 (2006.01) A61B 5/0408 (2006.01) A61B 5/0432 (2006.01) A61B 5/044 (2006.01)**
[25] EN
[54] **RETRACTABLE MULTI-USE CARDIAC MONITOR**
[54] **MONITEUR CARDIAQUE MULTI-USAGE RETRACTABLE**
[72] BALDA, DANIEL, US
[71] MEDICOMP, INC., US
[22] 2011-05-19
[41] 2011-11-24
[62] 2,807,340
[30] US (61/347,117) 2010-05-21

---

[21] **2,974,143**
[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01) A61B 5/055 (2006.01) G01T 1/02 (2006.01) G21K 1/02 (2006.01) G01R 33/38 (2006.01) G01R 33/563 (2006.01)**
[25] EN
[54] **SYSTEM FOR DELIVERING CONFORMAL RADIATION THERAPY WHILE SIMULTANEOUSLY IMAGING SOFT TISSUE**
[54] **SYSTEME D'ADMINISTRATION D'UNE THERAPIE DE RADIATION CONFORMEE PENDANT L'IMAGERIE SIMULTANEE DE TISSU MOU**
[72] DEMPSEY, JAMES F., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[22] 2005-02-17
[41] 2005-09-09
[62] 2,556,934
[30] US (60/546670) 2004-02-20

---

[21] **2,974,190**
[13] A1
[51] **Int.Cl. F23N 1/02 (2006.01) F23D 14/02 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **MODULATING BURNER**
[54] **BRULEUR MODULANT**
[72] SMELCER, JIM C., US
[71] A.O. SMITH CORPORATION, US
[22] 2014-01-02
[41] 2014-07-16
[62] 2,838,380
[30] US (13/742,460) 2013-01-16

---

[21] **2,974,411**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/20 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **PALM ACTIVATED DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ACTIVE PAR LA PAUME**
[72] OLSON, LORIN P., US
[72] KRULEVITCH, PETER, US
[72] GLENCROSS, JAMES, GB
[72] WANG, JINGLI, US
[72] FOLEY, NICHOLAS, GB
[72] ZHAO, MINGQI, US
[71] JANSSEN BIOTECH, INC., US
[22] 2010-10-15
[41] 2011-04-21
[62] 2,777,424
[30] US (61/252,378) 2009-10-16
[30] US (61/361,983) 2010-07-07

---

[21] **2,974,457**
[13] A1
[51] **Int.Cl. H02J 9/04 (2006.01) F24F 5/00 (2006.01)**
[25] EN
[54] **HVAC SYSTEM HAVING KINETIC ENERGY STORAGE DEVICE**
[54] **SYSTEME CVCA, AVEC DISPOSITIF DE STOCKAGE D'ENERGIE CINETIQUE**
[72] KALER, GEORGE, US
[71] MESTEK, INC., US
[22] 2013-09-27
[41] 2014-04-03
[62] 2,882,210
[30] US (61/706,276) 2012-09-27
[30] US (14/038,003) 2013-09-26

[21] **2,974,504**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **STEAM GENERATION PROCESS AND SYSTEM FOR ENHANCED OIL RECOVERY**
[54] **PROCEDE DE PRODUCTION DE VAPEUR ET INSTALLATION DE RECUPERATION AMELIOREE DE PETROLE**
[72] BETSER-ZILEVITCH, MAOZ, CA
[71] BETSER-ZILEVITCH, MAOZ, CA
[22] 2009-11-12
[41] 2010-06-12
[62] 2,684,817
[30] CA (2,665,751) 2009-05-12
[30] US (61122195) 2008-12-12

---

[21] **2,974,534**
[13] A1
[51] **Int.Cl. E04B 5/02 (2006.01) E04C 2/40 (2006.01) E04F 11/02 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **DECKING SYSTEM**
[54] **SYSTEME DE PLANCHER**
[72] WEBER, TORY, CA
[72] BOETTGER, BRIAN, CA
[72] HARVEY, PIERRE, CA
[72] LACHEVROTIERE, STEPHAN, CA
[72] CROTEAU, DAVID, CA
[72] PARENTEAU, FRANCOIS, CA
[72] GIROUARD, PAUL, CA
[72] CROCKETT, KEN, CA
[72] RESLER, DERRICK, CA
[72] WESTERGARD, GREGG, CA
[71] SIGMA DEK LTD, CA
[22] 2009-01-21
[41] 2009-07-23
[62] 2,913,556
[30] US (61/021,931) 2008-01-18
[30] US (61/113,778) 2008-11-12

---

[21] **2,974,627**
[13] A1
[51] **Int.Cl. B60K 11/08 (2006.01) B60R 19/52 (2006.01) B62D 25/08 (2006.01) B62D 25/24 (2006.01) B62D 65/16 (2006.01) F24F 13/15 (2006.01)**
[25] EN
[54] **VEHICLE COMPARTMENT LOUVER CARRIER WITH INTEGRATED DUCTING**
[54] **SUPPORT DE VOLET DE COMPARTIMENT DE VEHICULE A CONDUIT INTEGRE**
[72] CRANE, MICHAEL W., US
[72] PILETTE, THOMAS, US
[72] GUSCHEWSKI, NORMAN, US
[71] MAGNA INTERNATIONAL INC., CA
[22] 2010-07-21
[41] 2011-01-27
[62] 2,768,675
[30] US (61/271,413) 2009-07-21

---

[21] **2,974,689**
[13] A1
[51] **Int.Cl. A61K 31/64 (2006.01) A61K 31/131 (2006.01) A61K 31/195 (2006.01) A61K 31/198 (2006.01) A61K 31/451 (2006.01) A61K 31/7105 (2006.01) A61K 31/713 (2006.01)**
[25] EN
[54] **INHIBITORS OF NCCA-ATP CHANNELS FOR THERAPY**
[54] **INHIBITEURS DE CANAUX NC<SB>CA-ATP</SB> POUR THERAPIE**
[72] SIMARD, MARC J., US
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[22] 2008-06-20
[41] 2008-12-31
[62] 2,691,199
[30] US (60/945,636) 2007-06-22
[30] US (60/945,811) 2007-06-22
[30] US (60/945,825) 2007-06-22

---

[21] **2,974,693**
[13] A1
[51] **Int.Cl. B29C 70/40 (2006.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **METHODS FOR MANUFACTURING AN I-STRINGER OF AN AIRCRAFT AND DEVICES FOR USE IN SUCH METHODS**
[54] **PROCEDES DE FABRICATION D'UN LONGERON EN I D'UN AERONEF ET DISPOSITIFS POUR UTILISATION DANS DE TELS PROCEDES**
[72] AITKEN, CHARLES, US
[72] AUTRY, BRENDEN, US
[71] GULFSTREAM AEROSPACE CORPORATION, US
[22] 2014-09-22
[41] 2015-04-29
[62] 2,864,310
[30] US (14/066,376) 2013-10-29

---

[21] **2,974,727**
[13] A1
[51] **Int.Cl. A01J 5/08 (2006.01)**
[25] EN
[54] **TEATCUP LINER SERIES WITH VARYING MOUTHPIECE FLEXIBILITY**
[54] **ENSEMBLES DE MANCHONS-TRAYEURS DOTES D'UNE FLEXIBILITE D'EMBOUT VARIABLE**
[72] CHOWDHURY, MOFAZZAL H., US
[71] CHOWDHURY, MOFAZZAL H., US
[22] 2011-07-11
[41] 2012-01-19
[62] 2,805,288
[30] US (12/836,630) 2010-07-15

[21] **2,974,736**
[13] A1
[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/159 (2014.01) H04N 19/177 (2014.01)**
[25] EN
[54] **VIDEO PREDICTIVE ENCODING DEVICE, VIDEO PREDICTIVE ENCODING METHOD, VIDEO PREDICTIVE ENCODING PROGRAM, VIDEO PREDICTIVE DECODING DEVICE, VIDEO PREDICTIVE DECODING METHOD, AND VIDEO PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF DE VIDEO, PROCEDE DE CODAGE PREDICTIF DE VIDEO, PROGRAMME DE CODAGE PREDICTIF DE VIDEO, DISPOSITIF DE DECODAGE PREDICTIF DE VIDEO, PROCEDE DE DECODAGE PREDICTIF DE VIDEO, PROGRAMME DE DECODAGE PREDICTIF DE VIDEO**
[72] TAKIUE, JUNYA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[71] NTT DOCOMO, INC., JP
[22] 2013-05-24
[41] 2014-01-09
[62] 2,874,816
[30] JP (2012-152700) 2012-07-06

[21] **2,974,769**
[13] A1
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **LANCETS FOR BODILY FLUID SAMPLING SUPPLIED ON A TAPE**
[54] **LANCETTES POUR L'ECHANTILLONNAGE DE LIQUIDE BIOLOGIQUE DISPOSEES SUR UNE BANDE**
[72] RANEY, CHARLES C., US
[72] LIST, HANS, DE
[72] ROE, STEVEN N., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2005-04-27
[41] 2005-11-17
[62] 2,932,743
[30] US (10/836,578) 2004-04-30
[30] US (11/105,686) 2005-04-14

[21] **2,974,799**
[13] A1
[51] **Int.Cl. A47C 7/02 (2006.01) A47C 1/024 (2006.01) A47C 5/06 (2006.01) A47C 7/24 (2006.01) A47C 7/40 (2006.01) A47C 31/02 (2006.01) A47C 31/11 (2006.01)**
[25] EN
[54] **CHAIR ASSEMBLY**
[54] **ENSEMBLE CHAISE**
[72] GROENDAL, DALE M., US
[72] KRUPICZEWICZ, TODD D., US
[72] PETERSON, GORDON J., US
[72] HALL, JEFFREY A., US
[71] STEELCASE INC., US
[22] 2013-09-19
[41] 2014-03-27
[62] 2,881,698
[30] US (61/703,677) 2012-09-20
[30] US (61/703,667) 2012-09-20
[30] US (61/703,666) 2012-09-20
[30] US (61/703,515) 2012-09-20
[30] US (61/703,663) 2012-09-20
[30] US (61/703,659) 2012-09-20
[30] US (61/703,661) 2012-09-20
[30] US (61/733,661) 2012-12-05
[30] US (61/754,803) 2013-01-21
[30] US (14/029,273) 2013-09-17

[21] **2,974,803**
[13] A1
[51] **Int.Cl. A61K 47/24 (2006.01) A61K 47/12 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **MODIFICATIONS OF SOLID 3-SN-PHOSPHOGLYCERIDES**
[54] **MODIFICATIONS DE 3-SN-PHOSPHOGLYCERIDES SOLIDES**
[72] YESAIR, DAVID W., US
[72] SHAW, WALTER A., US
[72] BURGESS, STEPHEN W., US
[72] MCKEE, TRAVIS, US
[71] BIOMOLECULAR PRODUCTS, INC., US
[22] 2002-10-11
[41] 2003-04-17
[62] 2,788,500
[30] US (60/328,660) 2001-10-11

[21] **2,974,805**
[13] A1
[51] **Int.Cl. A61K 36/22 (2006.01) A61K 31/01 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **THERAPEUTIC USES OF MASTIC GUM FRACTIONS**
[54] **UTILISATION A DES FINS THERAPEUTIQUES DE FRAGMENTS DE MASTIC**
[72] HAZAN, ZADIK, IL
[71] REGENERA PHARMA LTD., IL
[22] 2010-03-04
[41] 2010-09-10
[62] 2,754,564
[30] US (61/157,215) 2009-03-04

[21] **2,974,873**
[13] A1
[51] **Int.Cl. B42F 13/26 (2006.01) B42F 13/22 (2006.01)**
[25] EN
[54] **SINGLE BOOSTER BINDER MECHANISM**
[54] **MECANISME RELIEUR A POUSSEUR UNIQUE**
[72] LE, SEAN L., US
[72] CARUSO, CATHLEEN D., US
[72] HAWLEY, KENNETH N., US
[72] NELSON, ERIC R., US
[72] CUSHING, ERIC J., US
[72] BERKHOUT, JACOBUS M., US
[72] WHITTALL, CHRIS, US
[72] KWAK, YONGJU, US
[72] HARDEN, DANIEL K., US
[72] MAKAY, MICKEY, US
[72] REYES, STAN, US
[72] SHEN, HARDY S., US
[71] CCL LABEL, INC., US
[22] 2014-10-03
[41] 2015-04-09
[62] 2,932,238
[30] US (61/886,871) 2013-10-04

[21] **2,974,879**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **VERTICAL COAPTATION ZONE IN A PLANAR PORTION OF PROSTHETIC HEART VALVE LEAFLET**
[54] **ZONE DE COAPTATION VERTICALE DANS UNE PARTIE PLANAIRE DE FEUILLET DE VALVULE CARDIAQUE PROTHETIQUE**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[71] W.L. GORE & ASSOCIATES, INC., US
[22] 2013-12-16
[41] 2014-06-26
[62] 2,892,247
[30] US (13/869,524) 2013-04-24
[30] US (61/739,721) 2012-12-19

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[21] **2,974,928**
[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/29 (2006.01) A61B 17/295 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL ULTRASONIQUE**
[72] HOUSER, KEVIN L., US
[72] FALLER, CRAIG N., US
[72] ISAACS, KAREN M., US
[72] BARTON, SCOTT N., US
[72] NEUENFELDT, STEVEN K., US
[72] NEUROHR, MARK A., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2005-10-07
[41] 2006-04-20
[62] 2,582,520
[30] US (60/617,427) 2004-10-08

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[21] **2,974,930**
[13] A1
[51] **Int.Cl. A61B 18/00 (2006.01) A61B 17/29 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ULTRASONIC SURGICAL INSTRUMENT**
[54] **INSTRUMENT CHIRURGICAL ULTRASONIQUE**
[72] HOUSER, KEVIN L., US
[72] FALLER, CRAIG N., US
[72] ISAACS, KAREN M., US
[72] BARTON, SCOTT N., US
[72] NEUENFELDT, STEVEN K., US
[72] NEUROHR, MARK A., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2005-10-07
[41] 2006-04-20
[62] 2,582,520
[30] US (60/617,427) 2004-10-08

---

[21] **2,974,960**
[13] A1
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4375 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **NOVEL QUINOLINE COMPOUNDS AND USES THEREOF**
[54] **NOUVELLES COMPOSITIONS, LEURS UTILISATIONS ET LEURS PROCEDES DE PREPARATION**
[72] HADDACH, MUSTAPHA, US
[71] PIMERA, INC., US
[22] 2015-05-09
[41] 2015-11-12
[62] 2,948,173
[30] US (61/991,282) 2014-05-09
[30] US (62/050,202) 2014-09-15
[30] US (62/054,054) 2014-09-23
[30] US (62/128,208) 2015-03-04

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[21] **2,974,972**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) B82Y 5/00 (2011.01) A61P 17/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DERMAL DELIVERY OF A SUBSTANCE**
[54] **PROCEDE ET APPAREIL POUR L'ADMINISTRATION DERMIQUE D'UNE SUBSTANCE**
[72] ANDERSON, RICHARD ROX, US
[72] FARINELLI, WILLIAM A., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[22] 2010-05-26
[41] 2010-12-16
[62] 2,763,221
[30] US (61/181,228) 2009-05-26

---

[21] **2,975,038**
[13] A1
[51] **Int.Cl. F16L 58/00 (2006.01) F16L 55/115 (2006.01) F16L 57/06 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **CONDUIT SLEEVE WITH DETACHABLE END CAP**
[54] **MANCHON DE CONDUIT DOTE D'UN BOUCHON D'EXTREMITE DETACHABLE**
[72] DRANE, MARK R., US
[71] THOMAS & BETTS INTERNATIONAL, LLC, US
[22] 2015-05-13
[41] 2015-11-13
[62] 2,891,271
[30] US (61/992,747) 2014-05-13

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[21] **2,975,100**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06F 19/00 (2011.01) H04L 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTIPLE PHOTO FEED STORIES**
[54] **SYSTEMES ET PROCEDES POUR DE MULTIPLES HISTOIRES DE FLUX DE PHOTOS**
[72] STOOP, DIRK, US
[72] VAN DIJK, JORN, US
[72] HE, LIN, US
[71] FACEBOOK, INC., US
[22] 2013-08-20
[41] 2014-02-27
[62] 2,881,940
[30] US (13/591,512) 2012-08-22

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[21] **2,975,186**
[13] A1
[51] **Int.Cl. G01N 33/58 (2006.01) G01N 1/40 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE**
[54] **METHODE MULTIPARAMETRE HAUTE SENSIBILITE POUR ANALYSE D'EVENEMENT RARE DANS UN ECHANTILLON BIOLOGIQUE**
[72] CONNELLY, MARK CARLE, US
[72] GROSS, STEVEN, US
[72] KELLY, JAMES MICHAEL, US
[72] COUMANS, FRANK, NL
[71] VERIDEX, LLC, US
[22] 2009-07-24
[41] 2010-01-29
[62] 2,674,187
[30] US (12/181,399) 2008-07-29

[21] **2,975,210**
[13] A1
[51] **Int.Cl. F04B 43/04 (2006.01) F04B 17/04 (2006.01) F04B 45/047 (2006.01) F04B 49/02 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **PUMPS, ACTUATORS AND RELATED DEVICES AND METHODS FOR MAKING**
[54] **POMPES, ACTIONNEURS ET DISPOSITIFS APPARENTES ET PROCEDES DE FABRICATION**
[72] CORDOBA, JOSE LUIS, US
[72] GOLDENBERG, ALEX, US
[72] TIMBERLAKE, BRENT, US
[72] MANOUX, PHILIPE, US
[71] NUELLE, INC., US
[22] 2014-08-24
[41] 2015-03-05
[62] 2,922,610
[30] US (61/871,832) 2013-08-29
[30] US (61/993,041) 2014-05-14

[21] **2,975,222**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **GRAPHICALLY REPRESENTING CONTENT RELATIONSHIPS ON A SURFACE OF GRAPHICAL OBJECT**
[54] **REPRESENTATION GRAPHIQUE DE RELATIONS DE CONTENU SUR UNE SURFACE D'UN OBJET GRAPHIQUE**
[72] PALEY, KATE C., US
[71] WORD DIAMONDS LLC, US
[22] 2009-10-02
[41] 2010-04-08
[62] 2,738,484
[30] US (61/102,663) 2008-10-03

[21] **2,975,229**
[13] A1
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 12/06 (2009.01) H04W 80/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **PORTABLE COMMUNICATION DEVICES WITH ACCESSORY FUNCTIONS AND RELATED METHODS**
[54] **DISPOSITIFS DE COMMUNICATION PORTABLES DOTES DE FONCTIONS ACCESSOIRES ET PROCEDES APPARENTES**
[72] CHAPMAN, BRIAN S., US
[71] THE BOEING COMPANY, US
[22] 2012-09-11
[41] 2013-04-18
[62] 2,849,321
[30] US (13/272708) 2011-10-13

[21] **2,975,313**
[13] A1
[51] **Int.Cl. A61K 31/015 (2006.01) A61K 31/01 (2006.01) A61K 31/045 (2006.01) A61K 31/075 (2006.01) A61K 31/12 (2006.01) A61K 31/19 (2006.01) A61K 45/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMPROVING THE HEALTH OF ANIMALS**
[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA SANTE D'ANIMAUX**
[72] DAROSZEWSKI, JANUSZ, CA
[72] DICK, CLAYTON PAUL, CA
[72] VERZBERGER-EPSHTEIN, ISABELLA, CA
[71] AVIVAGEN INC., CA
[22] 2010-04-30
[41] 2010-11-04
[62] 2,771,204
[30] US (61/174,259) 2009-04-30

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